

— THE CHOICE OF THE CHAMPIONS.

Walter Programme and Innovations 2024



How to find and order your tool solution:



Personal – worldwide

You can contact us by phone, fax or e-mail. The contact details for your local contact can be found on our website at: **walter-tools.com**



The Walter Hybrid catalogues and brochures

show the entire standard range under the Walter, Walter Titex, Walter Prototyp and Walter Multiply competence brands – in print or in digital format – with product range overviews, product data, cutting data recommendations and much more. Including links to our machining navigator, Walter GPS, or the Walter TOOLSHOP with the chance to order directly.

At **walter-tools.com**, you can access and order your Walter products quickly and conveniently online – via smartphone, tablet or PC.

The benefit for you: Direct access from any device, displayed in an optimised form, at any time.

Walter online catalogue



Tool-specific search

You can find products in the Walter online catalogue using the familiar structure of our product catalogue as well as filter and search functions. Other features: A shopping function and links to drawings and models.

Walter GPS



Application-based search

With Walter GPS, it takes just a few steps to find the optimum machining solution for your component, online and offline – and the solution can be transferred directly to the Walter TOOLSHOP if required.

Walter Innotime®



Component-based search

With Walter Innotime®, you can find the most cost-effective machining solution for your component, including all the tools, machining steps and machining parameters required for this. Simply by uploading your 3D model.

Digital ordering methods



TOOLSHOP



EDI B2B

Walter TOOLSHOP & EDI

The Walter TOOLSHOP offers customers opportunities to find information and place orders quickly.

EDI (electronic data interchange) also makes it possible to exchange documents (e.g. orders) – even special tools can be ordered.

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The structure of the Walter Catalogue

The Walter 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°
				
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

	SNLX... XNGX...ANN...	SD... SDHX...	XN L0705... XNGX0705...	XN F0705... XN X0705...
Number of cutting edges	8 / 2	4 / 1	14 / 2	4 - 6
Max. depth of cut [mm]	5 - 6	4,5 - 6,5	4 - 6	4 - 6
Page in catalogue	390	394	388	400






www.walter-tools.com/woc/
M5009
M4003
M3024
F4045

WALTER SELECT

•• Primary application
• Other application

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.



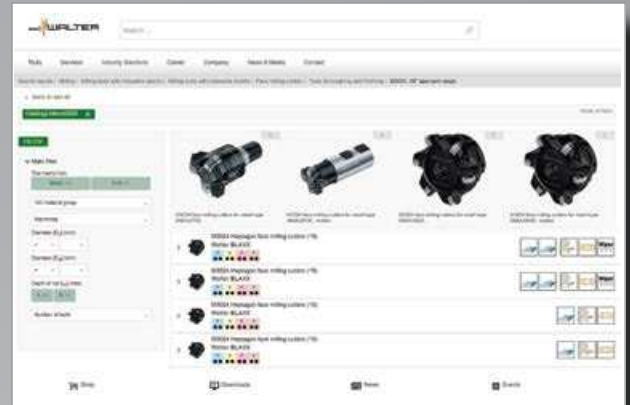
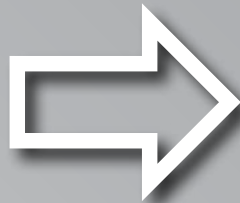
Indexable inserts and tools with these red icons are new to the range and are labelled in this way on the ordering page.

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

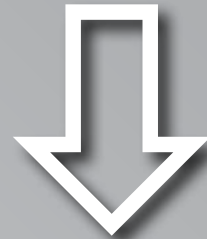


Direct link

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.

Heptagon face milling cutters
M3024
Walter BLAXX



> 14 cutting edges per indexable insert

M3024

Key (explanation of symbols)

Image viewer

Switch to inch values

Column selection

Designation	D _h mm	D _s mm	D _h mm	L _h mm	L _s mm
Parallel bore DIN 138 transverse keyway - x145° - metric (4)	83 - 125	75.98 - 137.86	22 - 40/40 E	40 - 63	8
M3024-050-852-05-06 Availability	83	75.98	22	40	8
M3024-090-852-05-06 Availability	90	92.98	27	60	8
M3024-100-852-05-06 Availability	100	112.98	32	60	8
M3024-125-852-05-06 Availability	125	137.86	40/40 E	63	8
Parallel bore DIN 138 transverse keyway - x145° - metric (1)	160	172.98	40/40 E	63	8

Technologies at Walter

Accure-tec®

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

Drion-tec™

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

Krato-tec™

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

Tiger-tec®Gold

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

Tiger-tec®Silver

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

Thrill-tec™

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

Walter BLAXX

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

Walter Green

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

Walter Xpress

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

Walter Precision XT

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

Walter Boring XT

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

XD Technology

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

Xill-tec®

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

Xtra-tec®

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

Xtra-tec®XT

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

X-treme Evo

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

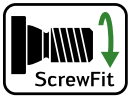
Technologies at Walter (continued)



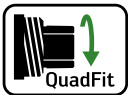
Walter Capto™ is a modular tool adaptor system. It is suitable for all turning, milling, drilling and threading processes. Its ISO-standardised polygon taper absorbs torsional moments and bending moments extremely well and ensures optimal repeat accuracy.



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



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



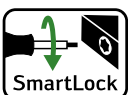
The precision-ground QuadFit interface with taper and support face characterises the precision of the vibration-damped boring bars for turning and thread turning with Walter Accure-tec® technology. The exchangeable head system, which can be rotated by 180°, makes it possible to rapidly replace tools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



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



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



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

Krato-tec™





A – Turning

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ISO indexable inserts – Negative basic shape

Machining	Finishing operation				Medium machining
	Selection 			Selection 	Selection 
Geometry	FW5	FM5	NFT	FP5	MW5
Indexable inserts basic shape	C, D, T, W	C, D, S, T, V, W	C, D, V	C, D, S, T, V, W	C, D, T, W
P Steel	●●	●		●●	●●
M Stainless steel	●●	●●	●		●●
K Cast iron	●●			●	●●
N NF metals			●		
S Materials with difficult cutting properties	●	●●	●●		●
H Hard materials					
O Other					
a_p [mm]	0,3–3,0	0,1–2,0	0,1–2,0	0,08–2,5	0,8–4,0
f [mm]	0,10–0,65	0,03–0,25	0,04–0,20	0,04–0,28	0,15–0,70
Page in catalogue	22			22	22
QR code					
www.walter-tools.com/woc/	FW5	FM5	NFT	FP5	MW5

Machining	Medium machining				
			Selection 		Selection 
Geometry	MN3	NMS	MS3	NMT	MP3
Indexable inserts basic shape	C, D, V, W	C, D, S, T, V, W	C, D, T, V, W	C, D, W	C, D, S, T, V, W
P Steel	●		●	●●	●●
M Stainless steel	●	●	●		
K Cast iron					●
N NF metals	●●		●		
S Materials with difficult cutting properties	●	●●	●●	●●	
H Hard materials					
O Other					
a_p [mm]	0,5–4,0	0,5–3,5	0,2–5,0	0,4–4,0	0,3–3,5
f [mm]	0,05–0,40	0,08–0,45	0,02–0,50	0,08–0,32	0,06–0,40
Page in catalogue			22		22
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	22		22		
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		22	23	23	
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	
		Selection	Selection	Selection
				
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		23	23	24
QR code				
www.walter-tools.com/woc/	RK7	HU3	HU5	HU7

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

Machining	Finishing operation				
	Selection 	Selection 			Selection 
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	34	34			34
QR code					
www.walter-tools.com/woc/	FW4	FL2	FN2	FM2	FP2

Machining	Finishing operation				
	NEW 		Selection 		Selection 
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]	0,1–2,5	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	34		34		34
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			
		Selection 			Selection 
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		35			35
QR code					
www.walter-tools.com/woc/	FK6	MW4	MN2	MM4	MP4

Machining	Medium machining				Roughing
		Selection 			
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		35			
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
	 NEW			 Selection
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	35			40
QR code				
www.walter-tools.com/woc/	RP4	RK4	RK6	HU6

Inserts copy turning system – WL

Machining	Finishing operation		Medium machining		
		 Selection		 Selection	 Selection
Geometry	FM4	FP4	MM4	MP4	MU6
Indexable inserts basic shape	WL	WL	WL	WL	WL
P Steel	●	●●	●	●●	●●
M Stainless steel	●●	●	●●	●	●●
K Cast iron		●	●	●	●●
N NF metals					
S Materials with difficult cutting properties	●●	●	●●	●	●●
H Hard materials					●
O Other					
a_p [mm]	0,1–2,0	0,1–2,0	0,4–2,5	0,4–2,5	0,5–2,5
f [mm]	0,04–0,25	0,05–0,25	0,08–0,40	0,08–0,40	0,12–0,45
Page in catalogue		47		47	48
QR code					
	FM4	FP4	MM4	MP4	MU6

www.walter-tools.com/woc/

ISO indexable inserts – CBN/PCD/ceramic

Cutting tool material	CBN				
					
Geometry	EM	TS	TS-MW	TM	TM-M
Indexable inserts basic shape	C, D, V	C, D, S, T, V, W	C	C, D, S, T, V, W	C, D
P Steel					
M Stainless steel					
K Cast iron		●●			
N NF metals					
S Materials with difficult cutting properties	●●				
H Hard materials		●●	●●	●●	●●
O Other					
a_p [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	Keramik			PCD	
					
Geometry	T02020	SM	SM-MWS	T-FS	W-FS
Indexable inserts basic shape	C, D, S, T, W	C, D, S, T, V, W	C, W	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	PKD	
		
Geometry	FS-M	FS-9
Indexable inserts basic shape	C, D	C, S, T
P Steel		
M Stainless steel		
K Cast iron		
N NF metals	●●	●●
S Materials with difficult cutting properties	●	●
H Hard materials		
O Other	●●	●●
a _p [mm]	0,1–2,0	0,05–15,3
f [mm]	0,08–0,20	0,03–0,38
Page in catalogue		
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

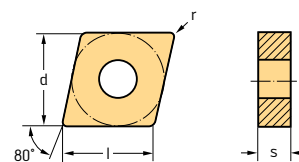

www.walter-tools.com/woc/

TM

Negative rhombic 80°

CNMG / CNMM

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	f mm	a _p mm	P					K	
						WKP01G	WPP05G	WPP10G	WPP20G	WPP30G	WEP10C	WKP01G
	CNMG120404-FW5	12,9	0,4	0,10–0,40	0,3–3,0	☺	☺	☺	☺	☺		☺
	CNMG120408-FW5	12,9	0,8	0,15–0,60	0,4–3,0	☺	☺	☺	☺	☺		☺
	CNMG090304-FP5	9,67	0,4	0,04–0,20	0,1–1,5			☺	☺			
	CNMG090308-FP5	9,67	0,8	0,08–0,25	0,2–2,0			☺	☺			
	CNMG120402-FP5	12,9	0,2	0,04–0,12	0,1–0,5						☺	
	CNMG120404-FP5	12,9	0,4	0,04–0,20	0,1–1,5	☺		☺	☺	☺	☺	☺
	CNMG120408-FP5	12,9	0,8	0,08–0,25	0,2–2,0	☺		☺	☺	☺	☺	☺
	CNMG120412-FP5	12,9	1,2	0,10–0,25	0,5–2,5			☺	☺			
	CNMG120408-MW5	12,9	0,8	0,20–0,65	0,8–4,0		☺	☺	☺			
	CNMG120412-MW5	12,9	1,2	0,25–0,70	1,5–4,0		☺	☺	☺			
	CNMG120404-MS3	12,9	0,4	0,12–0,25	0,6–3,0				☺			
	CNMG120408-MS3	12,9	0,8	0,15–0,30	0,8–3,0			☺	☺			
	CNMG120412-MS3	12,9	1,2	0,15–0,40	1,0–3,5				☺			
	CNMG090304-MP3	9,67	0,4	0,06–0,20	0,3–2,2			☺	☺			
	CNMG090308-MP3	9,67	0,8	0,10–0,28	0,6–3,0			☺	☺	☺		
	CNMG120404-MP3	12,9	0,4	0,08–0,22	0,3–2,5			☺	☺	☺		
	CNMG120408-MP3	12,9	0,8	0,12–0,32	0,6–3,2		☺	☺	☺	☺		
	CNMG120412-MP3	12,9	1,2	0,16–0,40	0,8–3,5		☺	☺	☺	☺		
	CNMG120404-MP5	12,9	0,4	0,16–0,25	0,5–4,0			☺	☺	☺		
	CNMG120408-MP5	12,9	0,8	0,18–0,40	0,6–5,0		☺	☺	☺	☺		
	CNMG120412-MP5	12,9	1,2	0,20–0,45	1,0–5,0		☺	☺	☺	☺		
	CNMG120416-MP5	12,9	1,6	0,25–0,50	1,2–5,0			☺	☺	☺		
	CNMG160608-MP5	16,12	0,8	0,25–0,40	0,8–7,0			☺	☺	☺		
	CNMG160612-MP5	16,12	1,2	0,30–0,50	1,0–7,0		☺	☺	☺	☺		
	CNMG160616-MP5	16,12	1,6	0,35–0,55	1,2–7,0			☺	☺	☺		
	CNMG120404-MU5	12,9	0,4	0,15–0,30	0,5–4,0			☺	☺			
	CNMG120408-MU5	12,9	0,8	0,15–0,40	0,6–5,0			☺	☺			
	CNMG120412-MU5	12,9	1,2	0,20–0,50	1,0–5,0			☺	☺			
	CNMG120416-MU5	12,9	1,6	0,25–0,55	1,2–5,0			☺	☺			
	CNMG160612-MU5	16,12	1,2	0,30–0,55	1,0–7,0			☺	☺			
	CNMG120408-RM5	12,9	0,8	0,20–0,40	1,2–5,0			☺	☺			
	CNMG120412-RM5	12,9	1,2	0,25–0,50	1,5–5,0			☺	☺			

See the ISO 1832 designation key for dimensions

Ordering example for the grade WKP01G: CNMG120404-FW5 WKP01G

HC = Coated carbide

HE = Coated cermet

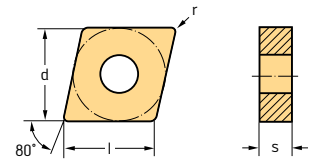
WALTER SELECT

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

Negative rhombic 80°

CNMG / CNMM

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	f mm	ap mm	P						K	
						HC				HE	HC	WKP01G	K
						WKP01G	WPP05G	WPP10G	WPP20G	WPP30G			
	CNMG120408-RP5	12,9	0,8	0,20-0,40	0,8-6,0	☺	☺	☺	☺	☺			
	CNMG120412-RP5	12,9	1,2	0,25-0,60	1,0-6,0	☺	☺	☺	☺	☺			
	CNMG120416-RP5	12,9	1,6	0,35-0,70	1,6-6,0	☺	☺	☺	☺	☺			
	CNMG160608-RP5	16,12	0,8	0,25-0,50	1,0-8,0		☺	☺	☺	☺			
	CNMG160612-RP5	16,12	1,2	0,35-0,65	1,2-8,0	☺	☺	☺	☺	☺			
	CNMG160616-RP5	16,12	1,6	0,40-0,70	1,6-8,0	☺	☺	☺	☺	☺			
	CNMG160624-RP5	16,12	2,4	0,40-0,90	2,0-8,0		☺	☺	☺	☺			
	CNMG190608-RP5	19,34	0,8	0,25-0,50	1,0-10,0		☺	☺	☺	☺			
	CNMG190612-RP5	19,34	1,2	0,30-0,70	1,2-10,0	☺	☺	☺	☺	☺			
	CNMG190616-RP5	19,34	1,6	0,35-0,80	1,6-10,0	☺	☺	☺	☺	☺			
	CNMG190624-RP5	19,34	2,4	0,45-1,00	2,0-10,0		☺	☺	☺	☺			
	CNMG250924-RP5	25,79	2,4	0,45-1,20	2,0-12,0			☺	☺	☺			
	CNMG120408-RP7	12,9	0,8	0,18-0,40	0,8-5,0		☺	☺	☺	☺			
	CNMG120412-RP7	12,9	1,2	0,25-0,50	1,2-5,0	☺	☺	☺	☺	☺			
	CNMG120416-RP7	12,9	1,6	0,35-0,50	1,5-5,0		☺	☺	☺	☺			
	CNMG160608-RP7	16,12	0,8	0,30-0,50	0,8-6,0		☺	☺	☺	☺			
	CNMG160612-RP7	16,12	1,2	0,35-0,60	1,2-6,0	☺	☺	☺	☺	☺			
	CNMG160616-RP7	16,12	1,6	0,40-0,60	1,5-6,0	☺	☺	☺	☺	☺			
	CNMG190612-RP7	19,34	1,2	0,35-0,60	1,2-7,0		☺	☺	☺	☺			
	CNMG190616-RP7	19,34	1,6	0,35-0,75	1,5-7,0	☺	☺	☺	☺	☺			
	CNMG250924-RP7	25,79	2,4	0,45-1,00	3,0-9,0			☺	☺	☺			
	CNMM120408-HU3	12,9	0,8	0,30-0,50	0,8-7,0		☺	☺	☺	☺			
	CNMM120412-HU3	12,9	1,2	0,35-0,70	1,2-7,0	☺	☺	☺	☺	☺			
	CNMM120416-HU3	12,9	1,6	0,40-0,80	1,6-7,0		☺	☺	☺	☺			
	CNMM160612-HU3	16,12	1,2	0,35-0,70	1,2-9,0	☺	☺	☺	☺	☺			
	CNMM160616-HU3	16,12	1,6	0,40-0,90	1,6-9,0	☺	☺	☺	☺	☺			
	CNMM160624-HU3	16,12	2,4	0,45-1,00	2,4-9,0		☺	☺	☺	☺			
	CNMM190612-HU3	19,34	1,2	0,35-0,70	1,2-10,0		☺	☺	☺	☺			
	CNMM190616-HU3	19,34	1,6	0,40-0,90	1,6-10,0		☺	☺	☺	☺			
	CNMM190624-HU3	19,34	2,4	0,45-1,10	2,4-10,0			☺	☺	☺			
	CNMM250924-HU3	25,79	2,4	0,45-1,20	2,4-12,0			☺	☺	☺			
	CNMM120408-HU5	12,9	0,8	0,25-0,55	1,0-7,0		☺	☺	☺	☺			
	CNMM120412-HU5	12,9	1,2	0,30-0,70	1,5-7,0		☺	☺	☺	☺			
	CNMM160612-HU5	16,12	1,2	0,35-0,70	1,5-9,0		☺	☺	☺	☺			
	CNMM160616-HU5	16,12	1,6	0,40-0,80	2,0-9,0		☺	☺	☺	☺			
	CNMM190612-HU5	19,34	1,2	0,35-0,70	1,5-10,0		☺	☺	☺	☺			
	CNMM190616-HU5	19,34	1,6	0,40-0,90	2,0-10,0		☺	☺	☺	☺			
	CNMM190624-HU5	19,34	2,4	0,45-1,00	2,0-10,0		☺	☺	☺	☺			

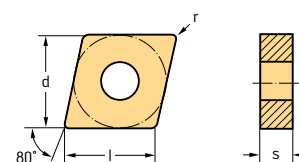
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WKP01G: CNMG120404-FW5 WKP01G

HC = Coated carbide
 HE = Coated cermet

Negative rhombic 80°

CNMG / CNMM

Tiger-tec® Gold



Indexable inserts

Designation	l mm	r mm	f mm	a _p mm	P						K	
											HC	HE
					WKP01G	WPP05G	WPP10G	WPP20G	WPP30G	WEP10C	WKP01G	HC
 CNMG120412-HU7	12,9	1,2	0,40–0,80	1,5–8,0			☺	☺				
CNMG160612-HU7	16,12	1,2	0,50–0,90	2,0–10,0			☺	☺	☹			
CNMG160616-HU7	16,12	1,6	0,50–1,10	2,0–10,0			☺	☺				
CNMG160624-HU7	16,12	2,4	0,50–1,30	2,0–10,0			☺	☺				
CNMG190612-HU7	19,34	1,2	0,50–0,90	2,0–13,0			☺	☺	☹			
CNMG190616-HU7	19,34	1,6	0,50–1,10	2,0–13,0			☺	☺	☹			
CNMG190624-HU7	19,34	2,4	0,60–1,60	3,0–13,0			☺	☺	☹			
CNMM250924-HU7	25,79	2,4	0,60–1,60	3,0–17,0				☹	☹			

See the ISO 1832 designation key for dimensions

Ordering example for the grade WKP01G: CNMG120404-FW5 WKP01G

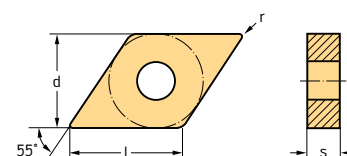
HC = Coated carbide

HE = Coated cermet

Negative rhombic 55°

DNMG / DNMM

Tiger-tec® Gold



Indexable inserts

Designation	l mm	r mm	f mm	a _p mm	P						K	
											HC	HE
					WKP01G	WPP05G	WPP10G	WPP20G	WPP30G	WEP10C	WKP01G	HC
 DNMG110404-FW5	11,63	0,4	0,10–0,35	0,3–2,0	☺		☺	☺			☺	
DNMG110408-FW5	11,63	0,8	0,15–0,50	0,4–2,0	☺		☺	☺			☺	
DNMG150404-FW5	15,5	0,4	0,10–0,40	0,3–3,0			☺					
DNMG150408-FW5	15,5	0,8	0,15–0,50	0,4–3,0			☺					
DNMG150604-FW5	15,5	0,4	0,10–0,40	0,3–3,0	☺		☺	☺			☺	
DNMG150608-FW5	15,5	0,8	0,15–0,50	0,4–3,0	☺		☺	☺			☺	
 DNMG110402-FP5	11,63	0,2	0,04–0,12	0,1–0,5			☺	☺		☺		
DNMG110404-FP5	11,63	0,4	0,04–0,20	0,1–1,5	☺		☺	☺		☺	☺	
DNMG110408-FP5	11,63	0,8	0,08–0,25	0,2–2,0	☺		☺	☺		☺	☺	
DNMG110412-FP5	11,63	1,2	0,10–0,25	0,5–2,5			☺	☺				
DNMG150404-FP5	15,5	0,4	0,05–0,20	0,1–1,5	☺		☺	☺		☺	☺	
DNMG150408-FP5	15,5	0,8	0,08–0,25	0,2–2,0	☺		☺	☺		☺	☺	
DNMG150412-FP5	15,5	1,2	0,10–0,25	0,5–2,5			☺	☺		☺		
DNMG150604-FP5	15,5	0,4	0,05–0,20	0,1–1,5			☺	☺		☺	☺	
DNMG150608-FP5	15,5	0,8	0,08–0,25	0,2–2,0			☺	☺		☺	☺	
DNMG150612-FP5	15,5	1,2	0,10–0,25	0,5–2,5			☺	☺		☺		

See the ISO 1832 designation key for dimensions

Ordering example for the grade WKP01G: DNMG110404-FW5 WKP01G

HC = Coated carbide

HE = Coated cermet

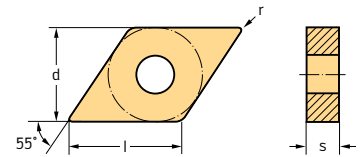
WALTER SELECT

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

Negative rhombic 55°

DNMG / DNMM

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	f mm	ap mm	P						K
						WKP01G	WPP05G	WPP10G	WPP20G	WPP30G	WEP10C	WKP01G
	DNMG110408-MW5	11.63	0.8	0.15–0.50	0.8–3.0	☉	☉	☉	☉			
	DNMG110412-MW5	11.63	1.2	0.20–0.60	1.5–3.0		☉	☉	☉			
	DNMG150408-MW5	15.5	0.8	0.15–0.55	0.8–4.0		☉	☉	☉			
	DNMG150412-MW5	15.5	1.2	0.20–0.65	1.5–4.0		☉	☉	☉			
	DNMG150608-MW5	15.5	0.8	0.15–0.55	1.5–4.0	☉	☉	☉	☉			
	DNMG150612-MW5	15.5	1.2	0.20–0.65	1.5–4.0	☉	☉	☉	☉			
	DNMG110408-MS3	11.63	0.8	0.12–0.30	0.8–2.5			☉				
	DNMG150608-MS3	15.5	0.8	0.15–0.30	0.8–2.5			☉				
	DNMG110404-MP3	11.63	0.4	0.08–0.22	0.3–2.2		☉	☉	☉			
	DNMG110408-MP3	11.63	0.8	0.12–0.32	0.6–3.0	☉	☉	☉	☉			
	DNMG110412-MP3	11.63	1.2	0.16–0.40	0.8–3.2		☉	☉	☉			
	DNMG150404-MP3	15.5	0.4	0.08–0.22	0.3–2.5		☉	☉	☉			
	DNMG150408-MP3	15.5	0.8	0.12–0.32	0.6–3.2	☉	☉	☉	☉			
	DNMG150412-MP3	15.5	1.2	0.16–0.40	0.8–3.5	☉	☉	☉	☉			
	DNMG150604-MP3	15.5	0.4	0.08–0.22	0.3–2.5		☉	☉	☉	☉		
	DNMG150608-MP3	15.5	0.8	0.12–0.32	0.6–3.2	☉	☉	☉	☉	☉		
	DNMG150612-MP3	15.5	1.2	0.16–0.40	0.8–3.5	☉	☉	☉	☉			
	DNMG110404-MP5	11.63	0.4	0.16–0.25	0.5–4.0		☉	☉	☉	☉		
	DNMG110408-MP5	11.63	0.8	0.18–0.35	0.6–4.0	☉	☉	☉	☉	☉		
	DNMG110412-MP5	11.63	1.2	0.20–0.40	1.0–4.0		☉	☉	☉	☉		
	DNMG150404-MP5	15.5	0.4	0.16–0.25	0.5–4.0		☉	☉	☉	☉		
	DNMG150408-MP5	15.5	0.8	0.18–0.35	0.6–5.0	☉	☉	☉	☉	☉		
	DNMG150412-MP5	15.5	1.2	0.20–0.40	1.0–5.0	☉	☉	☉	☉	☉		
	DNMG150604-MP5	15.5	0.4	0.16–0.25	0.5–4.0		☉	☉	☉	☉		
	DNMG150608-MP5	15.5	0.8	0.18–0.35	0.6–5.0	☉	☉	☉	☉	☉		
	DNMG150612-MP5	15.5	1.2	0.20–0.40	1.0–5.0	☉	☉	☉	☉	☉		
	DNMG150616-MP5	15.5	1.6	0.25–0.45	1.2–5.0		☉	☉	☉			
	DNMG110408-MU5	11.63	0.8	0.18–0.35	0.6–4.0		☉	☉	☉			
	DNMG150408-MU5	15.5	0.8	0.18–0.35	0.6–5.0	☉	☉	☉	☉			
	DNMG150608-MU5	15.5	0.8	0.18–0.35	0.6–5.0	☉	☉	☉	☉			
	DNMG150612-MU5	15.5	1.2	0.20–0.45	1.0–5.0	☉	☉	☉	☉			
	DNMG150616-MU5	15.5	1.6	0.25–0.50	1.2–5.0		☉	☉	☉			
	DNMG110408-RP5	11.63	0.8	0.18–0.35	0.8–4.0		☉	☉	☉	☉		
	DNMG110412-RP5	11.63	1.2	0.20–0.40	1.0–4.0	☉	☉	☉	☉	☉		
	DNMG150408-RP5	15.5	0.8	0.18–0.35	0.8–5.0	☉	☉	☉	☉	☉		
	DNMG150412-RP5	15.5	1.2	0.20–0.40	1.0–5.0		☉	☉	☉	☉		
	DNMG150608-RP5	15.5	0.8	0.15–0.35	0.8–5.0	☉	☉	☉	☉	☉		
	DNMG150612-RP5	15.5	1.2	0.20–0.55	1.0–5.0	☉	☉	☉	☉	☉		
	DNMG150616-RP5	15.5	1.6	0.25–0.65	1.6–5.0	☉	☉	☉	☉	☉		
	DNMM150608-HU3	15.5	0.8	0.25–0.45	0.8–5.0		☉	☉	☉	☉		
	DNMM150612-HU3	15.5	1.2	0.30–0.50	1.2–5.0		☉	☉	☉	☉		
	DNMM150616-HU3	15.5	1.6	0.35–0.60	1.6–5.0	☉	☉	☉	☉			

See the ISO 1832 designation key for dimensions

Ordering example for the grade WKP01G: DNMG110404-FW5 WKP01G

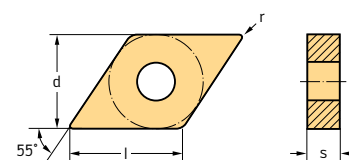
HC = Coated carbide

HE = Coated cermet

Negative rhombic 55°

DNMG / DNMM

Tiger-tec® Gold



Indexable inserts

Designation	l mm	r mm	f mm	a _p mm	P					K
					WKP01G	WPP05G	WPP10G	WPP20G	WPP30G	
	DNMM150608-HU5	15,5	0,8	0,25–0,45				HC		
	DNMM150612-HU5	15,5	1,2	0,30–0,50				HC		

See the ISO 1832 designation key for dimensions

Ordering example for the grade WKP01G: DNMG110404-FW5 WKP01G

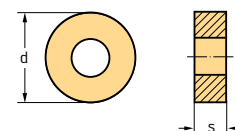
HC = Coated carbide

HE = Coated cermet

Negative round

RNMG

Tiger-tec® Gold



Indexable inserts

Designation	d mm	f mm	a _p mm	P
				HC
	RNMG120400-RP5	12,7	0,20–0,60	WPP20G
				HC

See the ISO 1832 designation key for dimensions

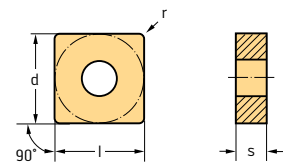
Ordering example for the grade WPP20G: RNMG120400-RP5 WPP20G

HC = Coated carbide

Negative square

SNMG / SNMM

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	f mm	a _p mm	P			
					HC			
					WPP05G	WPP10G	WPP20G	WPP30G
	SNMG090308-FP5	0.8	0.06–0.20	0.2–1.5	☺	☺	☺	
	SNMG120404-FP5	0.4	0.04–0.22	0.1–1.8	☺	☺	☺	
	SNMG120408-FP5	0.8	0.08–0.25	0.2–2.0	☺	☺	☺	
	SNMG120412-FP5	1.2	0.10–0.25	0.5–2.5			☺	
	SNMG090308-MP3	0.8	0.10–0.32	0.6–3.0	☺	☺	☺	
	SNMG120404-MP3	0.4	0.08–0.25	0.3–2.5			☺	
	SNMG120408-MP3	0.8	0.12–0.35	0.6–3.2	☺	☺	☺	☺
	SNMG120412-MP3	1.2	0.16–0.40	0.8–3.5	☺	☺	☺	
	SNMG090308-MP5	0.8	0.14–0.32	0.6–3.0			☺	
	SNMG120408-MP5	0.8	0.18–0.40	0.6–5.0		☺	☺	☺
	SNMG120412-MP5	1.2	0.20–0.45	1.0–5.0	☺	☺	☺	☺
	SNMG120416-MP5	1.6	0.25–0.50	1.2–5.0		☺	☺	
	SNMG150608-MP5	0.8	0.25–0.50	0.8–8.0			☺	
	SNMG150612-MP5	1.2	0.30–0.50	1.0–8.0			☺	☺
	SNMG150616-MP5	1.6	0.35–0.55	1.2–8.0		☺	☺	
	SNMG120408-MU5	0.8	0.18–0.45	0.6–5.0		☺	☺	
	SNMG120408-RP5	0.8	0.20–0.55	0.8–6.0		☺	☺	☺
	SNMG120412-RP5	1.2	0.25–0.65	1.0–6.0	☺	☺	☺	☺
	SNMG120416-RP5	1.6	0.35–0.75	1.6–6.0		☺	☺	☺
	SNMG150612-RP5	1.2	0.25–0.70	1.2–8.0	☺	☺	☺	☺
	SNMG150616-RP5	1.6	0.35–0.80	1.6–8.0		☺	☺	☺
	SNMG190612-RP5	1.2	0.30–0.70	1.2–10.0		☺	☺	☺
	SNMG190616-RP5	1.6	0.35–0.80	1.6–10.0			☺	☺
	SNMG190624-RP5	2.4	0.44–1.20	2.0–10.0			☺	
	SNMG250924-RP5	2.4	0.55–1.20	2.5–12.0			☺	☺
	SNMG120408-RP7	0.8	0.25–0.45	0.8–5.0			☺	☺
	SNMG120412-RP7	1.2	0.30–0.50	1.2–5.0			☺	☺
	SNMG120416-RP7	1.6	0.35–0.60	1.5–5.0		☺	☺	☺
	SNMG150612-RP7	1.2	0.35–0.60	1.2–6.0		☺	☺	☺
	SNMG150616-RP7	1.6	0.40–0.70	1.5–6.0		☺	☺	☺
	SNMG190612-RP7	1.2	0.35–0.60	1.2–7.0			☺	☺
	SNMG190616-RP7	1.6	0.40–0.70	1.5–7.0		☺	☺	☺
	SNMG190624-RP7	2.4	0.40–0.80	2.5–7.0			☺	☺
	SNMG250924-RP7	2.4	0.55–1.00	3.0–10.0			☺	
	SNMM120408-HU3	0.8	0.30–0.50	0.8–7.0			☺	☺
	SNMM120412-HU3	1.2	0.35–0.70	1.2–7.0			☺	
	SNMM120416-HU3	1.6	0.40–0.90	1.6–7.0		☺	☺	
	SNMM150612-HU3	1.2	0.35–0.75	1.2–9.0			☺	
	SNMM150616-HU3	1.6	0.40–0.90	1.6–9.0		☺	☺	
	SNMM150624-HU3	2.4	0.45–1.10	2.0–9.0			☺	
	SNMM190612-HU3	1.2	0.35–0.75	1.2–10.0		☺	☺	☺
	SNMM190616-HU3	1.6	0.40–1.00	1.6–10.0		☺	☺	☺
	SNMM190624-HU3	2.4	0.45–1.20	2.0–10.0			☺	

See the ISO 1832 designation key for dimensions

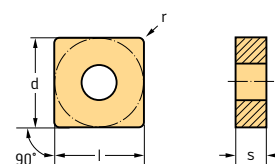
Ordering example for the grade WPP10G: SNMG090308-FP5 WPP10G

HC = Coated carbide

WALTER SELECT

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

Negative square SNMG / SNMM Tiger-tec® Gold



Indexable inserts

	Designation	r mm	f mm	a _p mm	P			
					HC			
					WPP05G	WPP10G	WPP20G	WPP30G
	SNMM250724-HU3	2,4	0,55–1,20	2,5–12,0				
	SNMM250916-HU3	1,6	0,45–1,00	1,6–12,0				
	SNMM250924-HU3	2,4	0,55–1,20	2,5–12,0				
	SNMM120412-HU5	1,2	0,30–0,70	1,5–7,0				
	SNMM150612-HU5	1,2	0,35–0,70	1,5–9,0				
	SNMM190612-HU5	1,2	0,35–0,80	1,5–10,0				
	SNMM190616-HU5	1,6	0,40–1,00	2,0–10,0				
	SNMM190624-HU5	2,4	0,45–1,10	2,0–10,0				
	SNMM250924-HU5	2,4	0,50–1,20	2,5–12,0				
	SNMM150616-HU7	1,6	0,45–1,00	2,0–12,0				
	SNMM150624-HU7	2,4	0,50–1,40	2,5–12,0				
	SNMM190612-HU7	1,2	0,50–1,00	2,0–13,0				
	SNMM190616-HU7	1,6	0,50–1,10	2,5–13,0				
	SNMM190624-HU7	2,4	0,60–1,60	3,0–13,0				
	SNMM250716-HU7	1,6	0,50–1,10	2,5–17,0				
	SNMM250724-HU7	2,4	0,60–1,60	3,0–17,0				
	SNMM250924-HU7	2,4	0,60–1,60	3,0–17,0				

See the ISO 1832 designation key for dimensions

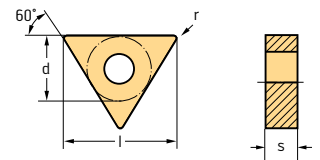
Ordering example for the grade WPP10G: SNMG090308-FP5 WPP10G

HC = Coated carbide

Negative triangular 60°

TNMG / TNMM

Tiger-tec® Gold



Indexable inserts

Designation	r mm	f mm	a _p mm	P					K	
				HC					HE	
				WKP01G	WPP05G	WPP10G	WPP20G	WPP30G	WEP10C	WKP01G
 Wiper	TNMG160404-FW5	0.4	0.10–0.40			☺	☺			
	TNMG160408-FW5	0.8	0.15–0.50			☺	☺			
	TNMG110304-FP5	0.4	0.04–0.15			☺				
	TNMG110308-FP5	0.8	0.08–0.20			☺				
	TNMG160404-FP5	0.4	0.04–0.20	☺		☺	☺		☺	☺
	TNMG160408-FP5	0.8	0.08–0.25	☺		☺	☺		☺	☺
	TNMG160412-FP5	1.2	0.10–0.25			☺	☺			
	TNMG160404-MS3	0.4	0.12–0.25				☺			
	TNMG160408-MS3	0.8	0.15–0.30				☺			
	TNMG220404-MS3	0.4	0.12–0.25				☺			
	TNMG220408-MS3	0.8	0.15–0.30				☺			
	TNMG160408-MW5	0.8	0.15–0.55			☺	☺			
 Wiper	TNMG160412-MW5	1.2	0.20–0.65			☺	☺			
	TNMG110304-MP3	0.4	0.06–0.18			☺	☺			
	TNMG110308-MP3	0.8	0.10–0.25			☺	☺			
	TNMG160304-MP3	0.4	0.08–0.22				☺			
	TNMG160404-MP3	0.4	0.08–0.22			☺	☺	☺		
	TNMG160408-MP3	0.8	0.12–0.32			☺	☺	☺		
	TNMG160412-MP3	1.2	0.16–0.40			☺	☺	☺		
	TNMG220408-MP3	0.8	0.12–0.32			☺	☺			
	TNMG220412-MP3	1.2	0.16–0.40			☺	☺			
	TNMG160308-MP5	0.8	0.18–0.35				☺			
	TNMG160404-MP5	0.4	0.16–0.25			☺	☺	☺		
	TNMG160408-MP5	0.8	0.18–0.35	☺		☺	☺	☺		
	TNMG160412-MP5	1.2	0.20–0.40			☺	☺	☺		
	TNMG220404-MP5	0.4	0.16–0.25			☺	☺			
	TNMG220408-MP5	0.8	0.18–0.35			☺	☺	☺		
	TNMG220412-MP5	1.2	0.20–0.40			☺	☺	☺		
	TNMG220416-MP5	1.6	0.25–0.45			☺	☺			
	TNMG270608-MP5	0.8	0.25–0.45				☺			
	TNMG270612-MP5	1.2	0.30–0.50			☺	☺	☺		
	TNMG270616-MP5	1.6	0.35–0.55				☺			
	TNMG160404-MU5	0.4	0.15–0.30			☺	☺			
	TNMG160408-MU5	0.8	0.18–0.35			☺	☺	☺		
	TNMG160412-MU5	1.2	0.20–0.45			☺	☺			

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP10G: TNMG160404-FW5 WPP10G

HC = Coated carbide

HE = Coated cermet

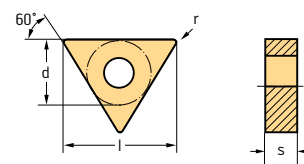
WALTER SELECT

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

Negative triangular 60°

TNMG / TNMM

Tiger-tec® Gold



Indexable inserts

Designation	r mm	f mm	a _p mm	P						K
				HC					HE	HC
				WKP01G	WPP05G	WPP10G	WPP20G	WPP30G	WEP10C	WKP01G
	TNMG160408-RP5	0,8	0,20–0,40	0,8–5,0	☺	☺	☺	☺		
	TNMG160412-RP5	1,2	0,25–0,55	1,0–5,0	☺	☺	☺	☺		
	TNMG220408-RP5	0,8	0,20–0,45	0,8–7,0		☺	☺	☺		
	TNMG220412-RP5	1,2	0,25–0,60	1,0–7,0		☺	☺	☺		
	TNMG220416-RP5	1,6	0,35–0,70	1,6–7,0		☺	☺	☺		
	TNMG270612-RP5	1,2	0,30–0,70	1,6–10,0			☺	☺		
	TNMG270616-RP5	1,6	0,35–0,80	2,0–10,0				☺		
	TNMG330924-RP5	2,4	0,45–1,20	2,5–13,0				☺		
	TNMG270616-RP7	1,6	0,35–0,75	1,5–9,0				☺		
	TNMG270624-RP7	2,4	0,55–1,00	3,0–9,0				☺		
	TNMM160408-HU3	0,8	0,30–0,45	0,8–6,0				☺		
	TNMM160412-HU3	1,2	0,35–0,50	1,2–6,0		☺	☺			
	TNMM220408-HU3	0,8	0,30–0,50	0,8–7,0			☺	☺		
	TNMM220412-HU3	1,2	0,35–0,60	1,2–7,0			☺	☺		
	TNMM220416-HU3	1,6	0,40–0,80	1,6–7,0		☺				
	TNMM270612-HU3	1,2	0,35–0,65	1,2–8,0			☺			
	TNMM270616-HU7	1,6	0,50–1,10	2,0–13,0			☺	☺		

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP10G: TNMG160404-FW5 WPP10G

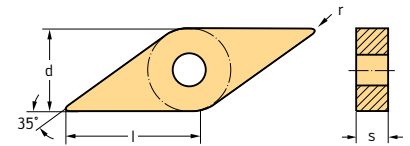
HC = Coated carbide

HE = Coated cermet

Negative rhombic 35°

VNMG

Tiger-tec® Gold



Indexable inserts

Designation	l mm	r mm	f mm	a _p mm	P					K	
					HC				HE	HC	
					WKP01G	WPP05G	WPP10G	WPP20G	WPP30G	WEP10C	WKP01G
	VNMG160404-FP5	16.61	0.4	0.04–0.22	0.1–1.5	☺	☺	☺	☺	☺	☺
	VNMG160408-FP5	16.61	0.8	0.08–0.25	0.2–2.0	☺	☺	☺	☺	☺	☺
	VNMG160412-FP5	16.61	1.2	0.12–0.28	0.3–2.5		☺	☺	☺		
	VNMG160404-MP3	16.61	0.4	0.08–0.22	0.3–2.2		☺	☺			
	VNMG160408-MP3	16.61	0.8	0.12–0.32	0.6–3.0		☺	☺	☺		
	VNMG160412-MP3	16.61	1.2	0.16–0.35	0.8–3.2		☺	☺	☺		
	VNMG160404-MP5	16.61	0.4	0.10–0.18	0.5–2.0		☺	☺	☺		
	VNMG160408-MP5	16.61	0.8	0.18–0.35	0.6–4.0		☺	☺	☺		
	VNMG160412-MP5	16.61	1.2	0.20–0.40	0.8–4.0		☺	☺	☺		
	VNMG220408-MP5	22.14	0.8	0.18–0.35	0.6–4.0		☺	☺			

See the ISO 1832 designation key for dimensions

Ordering example for the grade WEP10C: VNMG160404-FP5 WEP10C

Ordering example for the grade WKP01G: VNMG160404-FP5 WKP01G

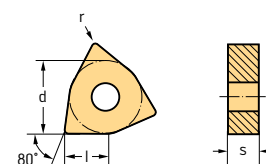
HC = Coated carbide

HE = Coated cermet

Negative Trigon 80°

WNMG / WNMM

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	f mm	a _p mm	P					K	
						WKP01G	WPP05G	WPP10G	WPP20G	WPP30G	WEP10C	WKP01G
	WNMG060404-FW5	6,52	0,4	0,10–0,35	0,3–2,0	☺		☺	☺			☺
	WNMG060408-FW5	6,52	0,8	0,15–0,50	0,4–2,0			☺	☺			
	WNMG080404-FW5	8,69	0,4	0,10–0,40	0,3–3,0	☺		☺	☺			☺
	WNMG080408-FW5	8,69	0,8	0,15–0,60	0,4–3,0	☺		☺	☺			☺
	WNMG080412-FW5	8,69	1,2	0,25–0,65	0,6–3,0	☺		☺	☺			☺
	WNMG060404-FP5	6,52	0,4	0,04–0,20	0,1–1,5			☺	☺			
	WNMG060408-FP5	6,52	0,8	0,08–0,25	0,2–2,0	☺		☺	☺			☺
	WNMG080404-FP5	8,69	0,4	0,05–0,20	0,1–1,5	☺		☺	☺		☺	☺
	WNMG080408-FP5	8,69	0,8	0,08–0,25	0,2–2,0	☺		☺	☺		☺	☺
	WNMG080412-FP5	8,69	1,2	0,10–0,25	0,5–2,5			☺	☺			
	WNMG060408-MW5	6,52	0,8	0,15–0,50	0,8–3,0			☺	☺			
	WNMG060412-MW5	6,52	1,2	0,20–0,60	1,5–3,0			☺	☺			
	WNMG080408-MW5	8,69	0,8	0,20–0,65	0,8–4,0		☺	☺	☺			
	WNMG080412-MW5	8,69	1,2	0,25–0,70	1,5–4,0		☺	☺	☺			
	WNMG080408-MS3	8,69	0,8	0,15–0,30	0,8–3,0				☺			
	WNMG060404-MP3	6,52	0,4	0,08–0,22	0,3–2,2			☺	☺			
	WNMG060408-MP3	6,52	0,8	0,12–0,32	0,6–3,0			☺	☺			
	WNMG060412-MP3	6,52	1,2	0,16–0,35	0,8–3,2				☺			
	WNMG080404-MP3	8,69	0,4	0,08–0,22	0,3–2,5				☺	☺		
	WNMG080408-MP3	8,69	0,8	0,12–0,32	0,6–3,2		☺	☺	☺	☺		
	WNMG080412-MP3	8,69	1,2	0,16–0,40	0,8–3,5		☺	☺	☺	☺		
	WNMG060404-MP5	6,52	0,4	0,16–0,25	0,5–4,0			☺	☺	☺		
	WNMG060408-MP5	6,52	0,8	0,18–0,35	0,6–4,0		☺	☺	☺	☺		
	WNMG060412-MP5	6,52	1,2	0,20–0,40	1,0–4,0			☺	☺			
	WNMG080404-MP5	8,69	0,4	0,16–0,25	0,5–4,0			☺	☺	☺		
	WNMG080408-MP5	8,69	0,8	0,18–0,40	0,6–5,0		☺	☺	☺	☺		
	WNMG080412-MP5	8,69	1,2	0,20–0,45	1,0–5,0		☺	☺	☺	☺		
	WNMG080416-MP5	8,69	1,6	0,25–0,50	1,2–5,0			☺	☺			
	WNMG100608-MP5	10,86	0,8	0,25–0,40	0,8–7,0			☺	☺			
	WNMG100612-MP5	10,86	1,2	0,30–0,50	1,0–7,0			☺	☺			
	WNMG060408-MU5	6,52	0,8	0,15–0,35	0,6–3,0			☺	☺			
	WNMG080404-MU5	8,69	0,4	0,15–0,30	0,5–4,0			☺	☺			
	WNMG080408-MU5	8,69	0,8	0,15–0,40	0,6–5,0		☺	☺	☺			
	WNMG080412-MU5	8,69	1,2	0,20–0,50	1,0–5,0		☺	☺	☺			
	WNMG080416-MU5	8,69	1,6	0,25–0,55	1,2–5,0		☺	☺	☺			
	WNMG080408-RM5	8,69	0,8	0,20–0,40	1,2–4,5			☺	☺			

See the ISO 1832 designation key for dimensions

Ordering example for the grade WKP01G: WNMG060404-FW5 WKP01G

HC = Coated carbide

HE = Coated cermet

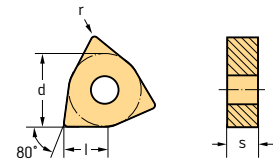
WALTER SELECT

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

Negative Trigon 80°

WNMG / WNMM

Tiger-tec® Gold



Indexable inserts

Designation	l mm	r mm	f mm	a _p mm	P						K	
											HC	HE
					WKP01G	WPP05G	WPP10G	WPP20G	WPP30G	WEP10C	WKP01G	
	WNMG060408-RP5	6.52	0.8	0.20-0.40	0.8-4.0		☺	☺	☺			
	WNMG060412-RP5	6.52	1.2	0.25-0.50	1.0-4.0		☺	☺	☺			
	WNMG080408-RP5	8.69	0.8	0.20-0.40	0.8-6.0		☺	☺	☺			
	WNMG080412-RP5	8.69	1.2	0.25-0.60	1.0-6.0		☺	☺	☺			
	WNMG080416-RP5	8.69	1.6	0.35-0.70	1.6-6.0		☺	☺	☺			
	WNMG100612-RP5	10.86	1.2	0.35-0.65	1.2-8.0		☺	☺	☺			
	WNMG100616-RP5	10.86	1.6	0.35-0.70	1.6-8.0		☺	☺	☺			
	WNMG080408-RP7	8.69	0.8	0.18-0.40	0.8-5.0		☺	☺	☺			
	WNMG080412-RP7	8.69	1.2	0.25-0.50	1.2-5.0		☺	☺	☺			
	WNMG100608-RP7	10.86	0.8	0.30-0.50	0.8-6.0			☺	☺			
	WNMG100612-RP7	10.86	1.2	0.35-0.60	1.2-6.0			☺	☺			
	WNMG100616-RP7	10.86	1.6	0.40-0.60	1.5-6.0			☺	☺			
	WNMM080412-HU3	8.69	1.2	0.35-0.60	1.2-6.0			☺	☺			
	WNMM100612-HU3	10.86	1.2	0.35-0.70	1.2-8.0			☺	☺			
	WNMM100616-HU3	10.86	1.6	0.40-0.90	1.6-8.0			☺	☺			

See the ISO 1832 designation key for dimensions

Ordering example for the grade WKP01G: WNMG060404-FW5 WKP01G

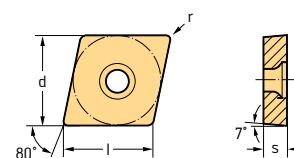
HC = Coated carbide

HE = Coated cermet

Positive rhombic 80°

CCMT / CCGT

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	f mm	ap mm	P						K	
						HC				HE			HC
						WKP01G	WPP10G	WPP20G	WPP30G	WEP01C	WEP10C		
	CCMT060202-FW4	6,45	0,2	0,03-0,15	0,1-1,5								
	CCMT060204-FW4	6,45	0,4	0,05-0,30	0,2-2,0								
	CCMT060208-FW4	6,45	0,8	0,09-0,35	0,3-2,0								
	CCMT09T302-FW4	9,67	0,2	0,03-0,15	0,1-2,0								
	CCMT09T304-FW4	9,67	0,4	0,07-0,30	0,2-2,5								
	CCMT09T308-FW4	9,67	0,8	0,12-0,50	0,3-2,5								
	CCGT060202-FL2	6,45	0,2	0,04-0,10	0,1-1,0								
	CCGT060204-FL2	6,45	0,4	0,06-0,15	0,2-1,5								
	CCGT09T302-FL2	9,67	0,2	0,04-0,10	0,1-1,0								
	CCGT09T304-FL2	9,67	0,4	0,06-0,15	0,2-1,5								
	CCGT060201M-FP2	6,45	0,07	0,02-0,06	0,1-1,5								
	CCGT060202M-FP2	6,45	0,17	0,05-0,12	0,2-2,0								
	CCGT060204M-FP2	6,45	0,37	0,08-0,25	0,2-2,5								
	CCGT09T301M-FP2	9,67	0,07	0,02-0,06	0,1-1,5								
	CCGT09T302M-FP2	9,67	0,17	0,05-0,12	0,2-2,0								
	CCGT09T304M-FP2	9,67	0,37	0,08-0,25	0,2-2,5								
	CCGT09T308M-FP2	9,67	0,77	0,10-0,30	0,3-3,0								
	CCGT060202MR-FX4	6,45	0,17	0,02-0,10	0,1-1,5								
	CCGT060204MR-FX4	6,45	0,37	0,05-0,15	0,2-2,0								
	CCGT09T302MR-FX4	9,67	0,17	0,02-0,10	0,1-1,5								
	CCGT09T304MR-FX4	9,67	0,37	0,05-0,15	0,2-2,0								
	CCGT09T308MR-FX4	9,67	0,77	0,08-0,25	0,2-2,5								
	CCGT060202ML-FX4	6,45	0,17	0,02-0,10	0,1-1,5								
	CCGT060204ML-FX4	6,45	0,37	0,05-0,15	0,2-2,0								
	CCGT09T302ML-FX4	9,67	0,17	0,02-0,10	0,1-1,5								
	CCGT09T304ML-FX4	9,67	0,37	0,05-0,15	0,2-2,0								
	CCGT09T308ML-FX4	9,67	0,77	0,08-0,25	0,2-2,5								
	CCMT060202-FP4	6,45	0,2	0,04-0,12	0,1-1,0								
	CCMT060204-FP4	6,45	0,4	0,05-0,16	0,1-1,5								
	CCMT060208-FP4	6,45	0,8	0,08-0,20	0,1-1,5								
	CCMT09T302-FP4	9,67	0,2	0,04-0,12	0,1-1,0								
	CCMT09T304-FP4	9,67	0,4	0,05-0,16	0,1-1,5								
	CCMT09T308-FP4	9,67	0,8	0,08-0,20	0,1-1,5								
	CCMT120404-FP4	12,9	0,4	0,05-0,16	0,1-1,5								
	CCMT120408-FP4	12,9	0,8	0,08-0,20	0,1-1,5								
	CCMT060204-FP6	6,45	0,4	0,06-0,18	0,3-2,0								
	CCMT060208-FP6	6,45	0,8	0,10-0,20	0,5-2,0								
	CCMT09T304-FP6	9,67	0,4	0,08-0,20	0,3-2,0								
	CCMT09T308-FP6	9,67	0,8	0,12-0,32	0,5-2,0								
	CCMT120404-FP6	12,9	0,4	0,10-0,25	0,3-2,5								
	CCMT120408-FP6	12,9	0,8	0,12-0,32	0,5-2,5								

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP20G: CCMT060202-FW4 WPP20G

HC = Coated carbide

HE = Coated cermet

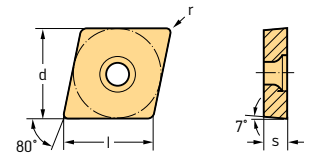
WALTER SELECT

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

Positive rhombic 80°

CCMT / CCGT

Tiger-tec® Gold



Indexable inserts

						P						K
						HC					HE	HC
						WKP01G	WPP10G	WPP20G	WPP30G	WEP01C	WEP10C	WKP01G
Designation		l mm	r mm	f mm	a _p mm							
 Wiper	CCMT09T304-MW4	9,67	0,4	0,12-0,40	0,5-4,0		☺	☺				
	CCMT09T308-MW4	9,67	0,8	0,15-0,50	0,7-4,0		☺	☺				
	CCMT09T312-MW4	9,67	1,2	0,17-0,55	0,8-4,0			☺				
	CCMT120404-MW4	12,9	0,4	0,12-0,40	0,5-4,5			☺				
	CCMT120408-MW4	12,9	0,8	0,17-0,55	0,7-4,5		☺	☺				
	CCMT120412-MW4	12,9	1,2	0,17-0,55	0,8-4,5			☺				
	CCMT060204-MP4	6,45	0,4	0,08-0,20	0,4-2,0		☺	☺				
	CCMT060208-MP4	6,45	0,8	0,12-0,25	0,5-2,0		☺	☺				
	CCMT09T304-MP4	9,67	0,4	0,08-0,25	0,4-3,0		☺	☺				
	CCMT09T308-MP4	9,67	0,8	0,12-0,32	0,5-3,0		☺	☺				
	CCMT120404-MP4	12,9	0,4	0,12-0,25	0,4-3,5		☺	☺				
	CCMT120408-MP4	12,9	0,8	0,12-0,32	0,5-3,5		☺	☺				
	CCGT060204-MP4	6,45	0,4	0,08-0,20	0,4-2,0			☺				
	CCGT09T304-MP4	9,67	0,4	0,08-0,25	0,4-3,0		☺	☺				
	CCGT09T308-MP4	9,67	0,8	0,12-0,32	0,5-3,0		☺	☺				
	CCGT120408-MP4	12,9	0,8	0,12-0,32	0,5-3,5		☺	☺				
	CCMT060204-MP6	6,45	0,4	0,10-0,20	0,4-2,5		☺	☺	☺			
	CCMT090304-MP6	9,67	0,4	0,10-0,25	0,4-3,5			☺				
	CCMT090308-MP6	9,67	0,8	0,15-0,32	0,6-3,5			☺				
	CCMT09T304-MP6	9,67	0,4	0,08-0,25	0,4-3,0		☺	☺	☺			
	CCMT09T308-MP6	9,67	0,8	0,12-0,32	0,5-3,0		☺	☺	☺			
	CCMT120408-MP6	12,9	0,8	0,15-0,35	0,6-4,0		☺	☺	☺			
	CCMT160508-MP6	16,12	0,8	0,15-0,40	0,8-4,0			☺	☺			
	CCMT060204-RP4	6,45	0,4	0,12-0,25	0,4-2,5		☺	☺	☺			
	CCMT060208-RP4	6,45	0,8	0,16-0,30	0,6-2,5			☺	☺			
	CCMT09T304-RP4	9,67	0,4	0,12-0,25	0,4-3,0		☺	☺	☺			
	CCMT09T308-RP4	9,67	0,8	0,16-0,35	0,6-4,0		☺	☺	☺			
	CCMT120404-RP4	12,9	0,4	0,12-0,30	0,4-4,0		☺	☺	☺			
	CCMT120408-RP4	12,9	0,8	0,16-0,40	0,6-5,0		☺	☺	☺			
	CCMT120412-RP4	12,9	1,2	0,20-0,50	0,8-5,0		☺	☺	☺			

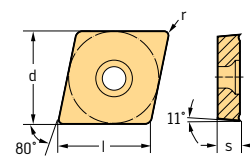
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP20G: CCMT060202-FW4 WPP20G

HC = Coated carbide
 HE = Wipped cermet

Positive rhombic 80°

CPGT / CPMT

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	f mm	a _p mm	P		
						HC	HE	
						WPP10G	WPP20G	WEP10C
	CPGT050202M-FP2	5,64	0,17	0,05–0,12	0,2–2,0			☺
	CPGT050204M-FP2	5,64	0,37	0,08–0,20	0,2–2,0			☺
	CPMT050204-FP4	5,64	0,4	0,05–0,16	0,1–1,5	☹		
	CPMT060204-FP4	6,45	0,4	0,05–0,16	0,1–1,5	☹		
	CPMT09T304-FP4	9,67	0,4	0,05–0,16	0,1–1,5	☹		
	CPMT09T308-FP4	9,67	0,8	0,08–0,20	0,1–1,5	☹		
	CPMT04T104-MP4	4,84	0,4	0,06–0,16	0,3–1,5		☹	
	CPMT060204-MP4	6,45	0,4	0,08–0,20	0,4–2,0		☹	
	CPMT060208-MP4	6,45	0,8	0,12–0,25	0,5–2,0		☹	
	CPMT09T304-MP4	9,67	0,4	0,08–0,25	0,4–3,0		☹	
	CPMT09T308-MP4	9,67	0,8	0,12–0,32	0,5–3,0		☹	
	CPGT050204-MP4	5,64	0,4	0,08–0,20	0,4–1,5		☹	
	CPGT060204-MP4	6,45	0,4	0,08–0,20	0,4–2,0	☹	☹	
	CPGT09T304-MP4	9,67	0,4	0,08–0,25	0,4–3,0	☹	☹	
	CPGT09T308-MP4	9,67	0,8	0,12–0,32	0,5–3,0	☹	☹	

See the ISO 1832 designation key for dimensions

Ordering example for the grade WEP10C: CPGT050202M-FP2 WEP10C

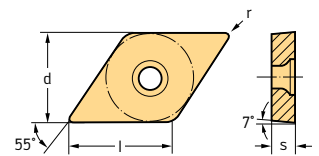
HC = Coated carbide

HE = Coated cermet

Positive rhombic 55°

DCMT / DCGT

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	f mm	a _p mm	P							K
						HC				HE		HC	
						WKP01G	WPP10G	WPP20G	WPP30G	WEP01C	WEP10C	WKP01G	
 Wiper	DCMT070202-FW4	7.75	0.2	0.03–0.15	0.1–1.5								
	DCMT070204-FW4	7.75	0.4	0.05–0.25	0.2–2.0	☹	☹	☹				☹	
	DCMT070208-FW4	7.75	0.8	0.09–0.35	0.3–2.0			☹					
	DCMT11T302-FW4	11.63	0.2	0.03–0.15	0.1–2.0			☹					
	DCMT11T304-FW4	11.63	0.4	0.07–0.30	0.2–2.5	☹	☹	☹				☹	
	DCMT11T308-FW4	11.63	0.8	0.12–0.40	0.3–2.5	☹	☹	☹				☹	
	DCGT11T304-FL2	11.63	0.4	0.06–0.15	0.2–1.5			☹				☹	
	DCGT11T308-FL2	11.63	0.8	0.08–0.20	0.3–1.5			☹				☹	
	DCGT070202M-FP2	7.75	0.17	0.05–0.12	0.2–2.0						☹	☹	
	DCGT070204M-FP2	7.75	0.37	0.08–0.25	0.2–2.5						☹	☹	
	DCGT11T3005M-FP2	11.63	0.03	0.01–0.04	0.1–1.0						☹	☹	
	DCGT11T301M-FP2	11.63	0.07	0.02–0.06	0.1–1.5						☹	☹	
	DCGT11T302M-FP2	11.63	0.17	0.05–0.12	0.2–2.0						☹	☹	
	DCGT11T304M-FP2	11.63	0.37	0.08–0.25	0.2–2.5						☹	☹	
	DCGT11T308M-FP2	11.63	0.77	0.10–0.30	0.3–3.0					☹	☹	☹	
	DCGT070202MR-FX4	7.75	0.17	0.02–0.10	0.1–1.5						☹	☹	
	DCGT070204MR-FX4	7.75	0.37	0.05–0.15	0.2–2.0						☹	☹	
	DCGT11T302MR-FX4	11.63	0.17	0.02–0.10	0.1–1.5						☹	☹	
	DCGT11T304MR-FX4	11.63	0.37	0.05–0.15	0.2–2.0						☹	☹	
	DCGT11T308MR-FX4	11.63	0.77	0.08–0.25	0.2–2.5						☹	☹	
	DCGT070202ML-FX4	7.75	0.17	0.02–0.10	0.1–1.5						☹	☹	
	DCGT070204ML-FX4	7.75	0.37	0.05–0.15	0.2–2.0						☹	☹	
	DCGT11T302ML-FX4	11.63	0.17	0.02–0.10	0.1–1.5						☹	☹	
	DCGT11T304ML-FX4	11.63	0.37	0.05–0.15	0.2–2.0						☹	☹	
	DCGT11T308ML-FX4	11.63	0.77	0.08–0.25	0.2–2.5						☹	☹	
	DCMT070202-FP4	7.75	0.2	0.04–0.12	0.1–1.0	☹	☹	☹			☹	☹	
	DCMT070204-FP4	7.75	0.4	0.05–0.16	0.1–1.5	☹		☹			☹	☹	
	DCMT070208-FP4	7.75	0.8	0.08–0.20	0.1–1.5		☹	☹				☹	
	DCMT11T302-FP4	11.63	0.2	0.04–0.12	0.1–1.0	☹		☹			☹	☹	
	DCMT11T304-FP4	11.63	0.4	0.05–0.16	0.1–1.5	☹	☹	☹			☹	☹	
	DCMT11T308-FP4	11.63	0.8	0.08–0.20	0.1–1.5	☹	☹	☹			☹	☹	
	DCMT070204-FP6	7.75	0.4	0.06–0.18	0.3–2.0		☹	☹				☹	
	DCMT11T304-FP6	11.63	0.4	0.08–0.20	0.3–2.0		☹	☹				☹	
	DCMT11T308-FP6	11.63	0.8	0.10–0.25	0.5–2.0		☹	☹				☹	
	DCMT11T304-MW4	11.63	0.4	0.12–0.40	0.5–4.0		☹	☹				☹	
	DCMT11T308-MW4	11.63	0.8	0.15–0.50	0.5–4.0		☹	☹				☹	
	DCMT070204-MP4	7.75	0.4	0.08–0.20	0.4–2.0		☹	☹				☹	
	DCMT070208-MP4	7.75	0.8	0.12–0.25	0.5–2.0		☹	☹				☹	
	DCMT11T304-MP4	11.63	0.4	0.08–0.25	0.4–3.0		☹	☹				☹	
	DCMT11T308-MP4	11.63	0.8	0.12–0.32	0.5–3.0		☹	☹				☹	
	DCMT11T312-MP4	11.63	1.2	0.15–0.35	0.5–3.0		☹	☹				☹	

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP20G: DCMT070202-FW4 WPP20G

HC = Coated carbide

HE = Coated cermet

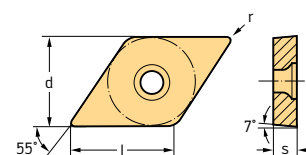
WALTER SELECT

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

Positive rhombic 55°

DCMT / DCGT

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	f mm	a _p mm	P						K H
						HC				HE		
						WKP01G	WPP10G	WPP20G	WPP30G	WEP01C	WEP10C	
	DCGT070204-MP4	7.75	0.4	0.08–0.20	0.4–2.0			☞				
	DCGT11T304-MP4	11.63	0.4	0.08–0.25	0.4–3.0		☞	☞				
	DCGT11T308-MP4	11.63	0.8	0.12–0.32	0.5–3.0		☞	☞				
	DCMT11T304-MP6	11.63	0.4	0.10–0.25	0.4–3.5		☞	☞	☞			
	DCMT11T308-MP6	11.63	0.8	0.15–0.32	0.6–3.5		☞	☞	☞			
	DCMT150404-MP6	15.5	0.4	0.10–0.25	0.4–4.0			☞				
	DCMT150408-MP6	15.5	0.8	0.12–0.36	0.6–4.0			☞	☞			
	DCMT070204-RP4	7.75	0.4	0.12–0.20	0.4–2.0		☞	☞	☞			
	DCMT070208-RP4	7.75	0.8	0.16–0.30	0.6–2.0							
	DCMT11T304-RP4	11.63	0.4	0.12–0.25	0.4–3.0		☞	☞	☞			
	DCMT11T308-RP4	11.63	0.8	0.16–0.35	0.6–4.0		☞	☞	☞			
	DCMT11T312-RP4	11.63	1.2	0.20–0.40	0.8–4.0		☞	☞	☞			

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP20G: DCMT070202-FW4 WPP20G

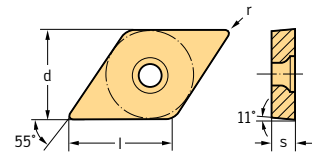
HC = Coated carbide

HE = Coated cermet

Positive rhombic 55°

DPMT / DPGT

Tiger-tec® Gold



Indexable inserts

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

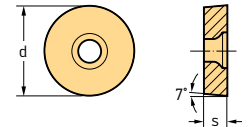
See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP10G: DPMT070204-FP4 WPP10G

HC = Coated carbide

Positive round

RCMT / RCMX

Tiger-tec® Gold



Indexable inserts

		Designation	d mm	f mm	a _p mm	P		
						HC		
						WPP10G	WPP20G	WPP30G
	RCMT0602M0-FP4	6	0,07–0,30	0,6–2,5	☺	☺		
	RCMT0803M0-FP4	8	0,08–0,30	0,8–3,0		☺		
	RCMT10T3M0-FP4	10	0,10–0,35	1,0–4,0		☺		
	RCMT1204M0-FP4	12	0,12–0,40	1,2–5,0	☺	☺		
	RCMT0602M0-RP4	6	0,08–0,50	0,6–2,5		☺	☹	
	RCMT060300-RP4	6,35	0,08–0,50	0,6–2,5		☺		
	RCMT0803M0-RP4	8	0,10–0,60	0,8–3,0	☺	☺	☹	
	RCMT09T300-RP4	9,525	0,10–0,60	0,8–3,0		☺		
	RCMT10T3M0-RP4	10	0,12–0,80	1,0–4,0	☺	☺	☹	
	RCMT120400-RP4	12,7	0,12–1,00	1,2–5,0		☺		
	RCMT1204M0-RP4	12	0,12–1,00	1,2–5,0	☺	☺	☹	
	RCMT1605M0-RP4	16	0,15–1,20	1,6–7,0	☺	☺	☹	
	RCMT1606M0-RP4	16	0,15–1,20	1,6–7,0	☺	☺	☹	

See the ISO 1832 designation key for dimensions
 Ordering example for the grade WPP10G: RCMT0602M0-FP4 WPP10G

HC = Coated carbide

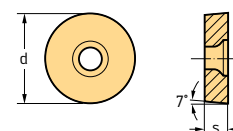
WALTER SELECT

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

Positive round

RCMT / RCMX

Tiger-tec® Gold



Indexable inserts

	Designation	d mm	f mm	a _p mm	P		
					HC	WPP10G	WPP20G
	RCMT10T3M0-HU6	10	0,12–0,80	1,0–4,0	Good	Good	Good
	RCMT1204M0-HU6	12	0,12–1,20	1,2–5,0	Good	Good	Good
	RCMT1606M0-HU6	16	0,15–1,20	1,6–7,0	Good	Good	Good
	RCMX2006M0-HU6	20	0,25–1,40	2,0–9,0	Good	Good	Good
	RCMX2507M0-HU6	25	0,30–1,60	2,5–11,0	Good	Good	Good
	RCMX3209M0-HU6	32	0,30–1,70	3,2–15,0	Good	Good	Good

See the ISO 1832 designation key for dimensions

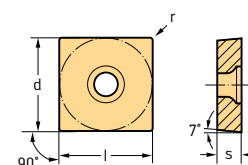
Ordering example for the grade WPP10G: RCMT0602M0-FP4 WPP10G

HC = Coated carbide

Positive square

SCMT / SCGT

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	f mm	a _p mm	P					K
						HC	WKP01G	WPP10G	WPP20G	WPP30G	HE
	SCMT060204-FP4	6,35	0,4	0,05–0,16	0,1–1,5	Good	Good	Good	Good	Good	Good
	SCMT09T304-FP4	9,53	0,4	0,05–0,15	0,1–1,5	Good	Good	Good	Good	Good	Good
	SCMT09T308-FP4	9,53	0,8	0,05–0,18	0,1–1,8	Good	Good	Good	Good	Good	Good
	SCMT120404-FP4	12,7	0,4	0,05–0,15	0,1–1,5	Good	Good	Good	Good	Good	Good
	SCMT120408-FP4	12,7	0,8	0,05–0,18	0,1–1,8	Good	Good	Good	Good	Good	Good
	SCMT120412-FP4	12,7	1,2	0,12–0,32	0,3–1,8	Good	Good	Good	Good	Good	Good
	SCMT09T304-FP6	9,53	0,4	0,08–0,20	0,3–2,0	Good	Good	Good	Good	Good	Good
	SCMT09T308-FP6	9,53	0,8	0,10–0,25	0,5–2,0	Good	Good	Good	Good	Good	Good
	SCMT120408-FP6	12,7	0,8	0,12–0,32	0,5–2,5	Good	Good	Good	Good	Good	Good
	SCMT09T304-MP4	9,53	0,4	0,08–0,25	0,4–3,0	Good	Good	Good	Good	Good	Good
	SCMT09T308-MP4	9,53	0,8	0,12–0,32	0,5–3,0	Good	Good	Good	Good	Good	Good
	SCMT120408-MP4	12,7	0,8	0,12–0,32	0,5–3,5	Good	Good	Good	Good	Good	Good

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP10G: SCMT060204-FP4 WPP10G

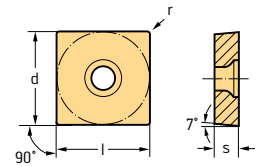
HC = Coated carbide

HE = Coated cermet

WALTER SELECT

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

Positive square SCMT / SCGT Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	f mm	a _p mm	P					K	
						HC					HE	
						WKP01G	WPP10G	WPP20G	WPP30G	WPP10C	WKP01G	HC
	SCGT09T304-MP4	9,53	0,4	0,08-0,25	0,4-3,0							
	SCGT09T308-MP4	9,53	0,8	0,12-0,32	0,5-3,0							
	SCGT120408-MP4	12,7	0,8	0,12-0,32	0,5-3,5							
	SCMT09T304-RP4	9,53	0,4	0,12-0,25	0,4-3,0							
	SCMT09T308-RP4	9,53	0,8	0,16-0,35	0,6-4,0							
	SCMT09T312-RP4	9,53	1,2	0,20-0,45	0,8-5,0							
	SCMT120404-RP4	12,7	0,4	0,12-0,25	0,4-3,0							
	SCMT120408-RP4	12,7	0,8	0,16-0,40	0,6-5,0							
	SCMT120412-RP4	12,7	1,2	0,20-0,50	0,8-5,0							

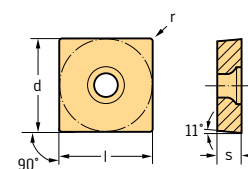
See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP10G: SCMT060204-FP4 WPP10G

HC = Coated carbide

HE = Coated cermet

Positive square SPMT Tiger-tec® Gold



Indexable inserts

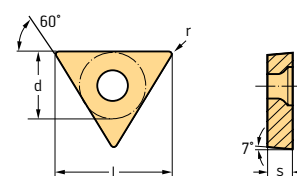
Designation	l mm	r mm	f mm	a _p mm	P
					HC WPP20G
 SPMT09T304-MP4 SPMT09T308-MP4	9,53	0,4	0,08–0,25	0,4–3,0	 
	9,53	0,8	0,12–0,32	0,5–3,0	 

See the ISO 1832 designation key for dimensions

HC = Coated carbide

Ordering example for the grade WPP20G: SPMT09T304-MP4 WPP20G

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



Indexable inserts

Designation	l mm	r mm	f mm	a _p mm	P						K
					HC						HC
					WKP01G	WPP10G	WPP20G	WPP30G	WEP01C	WEP10C	WKP01G
 TCMT090202-FW4 TCMT090204-FW4 TCMT110204-FW4 TCMT110208-FW4 TCMT16T304-FW4 TCMT16T308-FW4	9,62	0,2	0,03–0,15	0,1–1,5			 				
	9,62	0,4	0,05–0,30	0,2–2,0							
	11	0,4	0,07–0,30	0,2–2,5							
	11	0,8	0,12–0,40	0,3–2,5							
	16,5	0,4	0,07–0,35	0,2–2,5							
	16,5	0,8	0,12–0,50	0,3–2,5							
 TCGT06T104M-FP2 TCGT090204M-FP2 TCGT110202M-FP2 TCGT110204M-FP2	6,87	0,37	0,08–0,25	0,2–2,0							
	9,62	0,37	0,08–0,25	0,2–2,5							
	11	0,17	0,05–0,12	0,2–2,0							
	11	0,37	0,08–0,25	0,2–2,5							
 TCGT090204MR-FX4 TCGT110204MR-FX4	9,62	0,37	0,05–0,15	0,2–2,0							
	11	0,37	0,05–0,15	0,2–2,0							
 TCGT090204ML-FX4 TCGT110204ML-FX4	9,62	0,37	0,05–0,15	0,2–2,0							
	11	0,37	0,05–0,15	0,2–2,0							

See the ISO 1832 designation key for dimensions

HC = Coated carbide

Ordering example for the grade WPP20G: TCMT090202-FW4 WPP20G

HE = Coated cermet

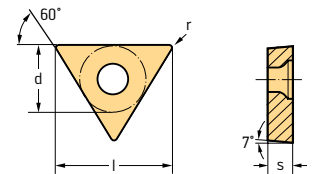
WALTER SELECT

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

Positive triangular 60°

TCMT / TCGT

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	f mm	ap mm	P						K
						HC	HE	HC	HE	HC	HE	
	TCMT06T102-FP4	6.87	0.2	0.02–0.10	0.1–1.0							
	TCMT06T104-FP4	6.87	0.4	0.04–0.17	0.1–1.0							
	TCMT090202-FP4	9.62	0.2	0.04–0.12	0.1–1.0							
	TCMT090204-FP4	9.62	0.4	0.05–0.16	0.1–1.5							
	TCMT090208-FP4	9.62	0.8	0.08–0.20	0.1–1.5							
	TCMT110202-FP4	11	0.2	0.04–0.12	0.1–1.0							
	TCMT110204-FP4	11	0.4	0.05–0.16	0.1–1.5							
	TCMT110208-FP4	11	0.8	0.08–0.20	0.1–1.5							
	TCMT16T302-FP4	16.5	0.2	0.04–0.12	0.1–1.0							
	TCMT16T304-FP4	16.5	0.4	0.05–0.16	0.1–1.5							
	TCMT16T308-FP4	16.5	0.8	0.08–0.20	0.1–1.5							
	TCMT110204-FP6	11	0.4	0.06–0.18	0.3–2.0							
	TCMT110208-FP6	11	0.8	0.10–0.20	0.5–2.0							
	TCMT16T304-FP6	16.5	0.4	0.08–0.20	0.3–2.0							
	TCMT16T308-FP6	16.5	0.8	0.10–0.25	0.5–2.0							
	TCMT16T304-MW4	16.5	0.4	0.12–0.40	0.5–4.0							
	TCMT16T308-MW4	16.5	0.8	0.15–0.50	0.5–4.0							
	TCMT090204-MP4	9.62	0.4	0.08–0.20	0.4–2.0							
	TCMT090208-MP4	9.62	0.8	0.12–0.25	0.5–2.0							
	TCMT110204-MP4	11	0.4	0.08–0.20	0.4–2.0							
	TCMT110208-MP4	11	0.8	0.12–0.30	0.5–2.0							
	TCMT16T304-MP4	16.5	0.4	0.08–0.25	0.4–3.0							
	TCMT16T308-MP4	16.5	0.8	0.12–0.32	0.5–3.0							
	TCMT220408-MP4	22	0.8	0.12–0.32	0.5–3.5							
	TCGT090204-MP4	9.62	0.4	0.08–0.20	0.4–2.0							
	TCGT110204-MP4	11	0.4	0.08–0.20	0.4–2.0							
	TCGT110208-MP4	11	0.8	0.12–0.30	0.5–2.0							
	TCMT110204-MP6	11	0.4	0.10–0.20	0.4–2.5							
	TCMT110304-MP6	11	0.4	0.12–0.25	0.4–3.0							
	TCMT16T304-MP6	16.5	0.4	0.10–0.25	0.4–3.5							
	TCMT16T308-MP6	16.5	0.8	0.15–0.32	0.6–3.5							
	TCMT090204-RP4	9.62	0.4	0.12–0.25	0.4–3.0							
	TCMT090208-RP4	9.62	0.8	0.16–0.30	0.6–3.0							
	TCMT110204-RP4	11	0.4	0.12–0.25	0.4–3.0							
	TCMT110208-RP4	11	0.8	0.16–0.30	0.6–3.0							
	TCMT16T304-RP4	16.5	0.4	0.12–0.25	0.4–3.0							
	TCMT16T308-RP4	16.5	0.8	0.16–0.35	0.6–4.0							
	TCMT16T312-RP4	16.5	1.2	0.20–0.40	0.8–4.0							

See the ISO 1832 designation key for dimensions

Ordering example for the grade WPP20G: TCMT090202-FW4 WPP20G

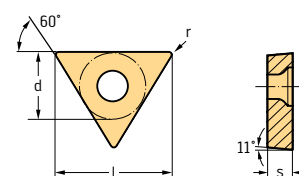
HC = Coated carbide

HE = Coated cermet

Positive triangular 60°

TPMT / TPGT / TPMR / TPGN

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	f mm	a _p mm	P	
						WPP10G	WPP20G
	TPMT110204-FP4	11	0,4	0,05–0,16	0,1–1,5	☺	
	TPMT16T304-FP4	16,5	0,4	0,05–0,16	0,1–1,5	☺	
	TPMT090204-MP4	9,62	0,4	0,08–0,20	0,4–2,0		☹
	TPMT110204-MP4	11	0,4	0,08–0,20	0,4–2,0		☹
	TPMT110208-MP4	11	0,8	0,12–0,30	0,5–2,0		☹
	TPMT16T304-MP4	16,5	0,4	0,08–0,25	0,4–3,0		☹
	TPMT16T308-MP4	16,5	0,8	0,12–0,32	0,5–3,0		☹
	TPGT090204-MP4	9,62	0,4	0,08–0,20	0,4–2,0		☹
	TPGT110204-MP4	11	0,4	0,08–0,20	0,4–2,0		☹
	TPGT16T304-MP4	16,5	0,4	0,08–0,25	0,4–3,0		☹
	TPGT16T308-MP4	16,5	0,8	0,12–0,32	0,5–3,0		☹
	TPMR110304	11	0,4	0,12–0,25	0,4–3,0		☹
	TPMR110308	11	0,8	0,12–0,25	0,4–3,0		☹
	TPMR160304	16,5	0,4	0,12–0,25	0,4–3,0		☹
	TPMR160308	16,5	0,8	0,16–0,30	0,6–4,0		☹
	TPGN160304	16,5	0,4	0,10–0,25	0,4–3,0		☹
	TPGN160308	16,5	0,8	0,12–0,30	0,8–3,0		☹

See the ISO 1832 designation key for dimensions

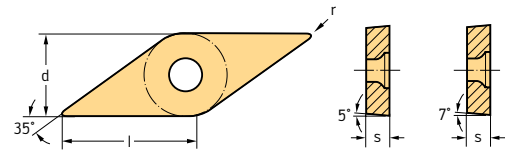
Ordering example for the grade WPP10G: TPMT110204-FP4 WPP10G

HC = Coated carbide

Positive rhombic 35°

VBGT / VCGT / VCMT / VBMT

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	f mm	ap mm	P						K
						WC	HC	HE	HE	HE	HC	
	VBGT110302-FL2	11.07	0.2	0.04–0.10	0.1–1.0							
	VBGT110304-FL2	11.07	0.4	0.06–0.15	0.2–1.5							
	VCGT1103005M-FP2	11.07	0.03	0.01–0.04	0.1–1.0							
	VCGT110301M-FP2	11.07	0.07	0.02–0.06	0.1–1.5							
	VCGT110302M-FP2	11.07	0.17	0.05–0.12	0.2–2.0							
	VCGT110304M-FP2	11.07	0.37	0.08–0.25	0.2–2.5							
	VCGT160402M-FP2	16.61	0.17	0.05–0.12	0.2–2.0							
	VCGT160404M-FP2	16.61	0.37	0.08–0.25	0.2–2.5							
	VCGT160408M-FP2	16.61	0.77	0.10–0.30	0.3–3.0							
	VCGT110302MR-FX4	11.07	0.17	0.02–0.10	0.1–1.5							
	VCGT110304MR-FX4	11.07	0.37	0.05–0.15	0.2–2.0							
	VCGT160404MR-FX4	16.61	0.37	0.05–0.15	0.2–2.0							
	VCGT110302ML-FX4	11.07	0.17	0.02–0.10	0.1–1.5							
	VCGT110304ML-FX4	11.07	0.37	0.05–0.15	0.2–2.0							
	VCGT160404ML-FX4	16.61	0.37	0.05–0.15	0.2–2.0							
	VCMT110302-FP4	11.07	0.2	0.04–0.12	0.1–1.0							
	VCMT110304-FP4	11.07	0.4	0.05–0.16	0.1–1.5							
	VCMT160402-FP4	16.61	0.2	0.04–0.12	0.1–1.0							
	VCMT160404-FP4	16.61	0.4	0.05–0.16	0.1–1.5							
	VCMT160408-FP4	16.61	0.8	0.08–0.20	0.1–1.5							
	VBMT110304-FP6	11.07	0.4	0.06–0.18	0.3–2.0							
	VBMT110308-FP6	11.07	0.8	0.10–0.20	0.5–2.0							
	VBMT160404-FP6	16.61	0.4	0.08–0.20	0.3–2.0							
	VBMT160406-FP6	16.61	0.6	0.10–0.25	0.4–2.0							
	VBMT160408-FP6	16.61	0.8	0.10–0.25	0.5–2.0							
	VBMT160412-FP6	16.61	1.2	0.12–0.30	0.6–2.0							
	VBMT110304-MP4	11.07	0.4	0.08–0.20	0.4–1.5							
	VBMT110308-MP4	11.07	0.8	0.12–0.25	0.5–1.5							
	VBMT160404-MP4	16.61	0.4	0.08–0.20	0.4–2.0							
	VBMT160406-MP4	16.61	0.6	0.12–0.25	0.5–2.0							
	VBMT160408-MP4	16.61	0.8	0.12–0.30	0.5–2.0							
	VBMT160412-MP4	16.61	1.2	0.12–0.32	0.5–2.0							
	VCMT160404-MP4	16.61	0.4	0.08–0.20	0.4–2.0							
	VCMT160408-MP4	16.61	0.8	0.12–0.30	0.5–2.0							
	VBMT160404-MP6	16.61	0.4	0.10–0.25	0.4–2.5							
	VBMT160408-MP6	16.61	0.8	0.15–0.30	0.6–2.5							
	VCMT110304-RP4	11.07	0.4	0.12–0.20	0.4–2.5							
	VCMT110308-RP4	11.07	0.8	0.16–0.25	0.6–3.0							
	VCMT160404-RP4	16.61	0.4	0.12–0.25	0.4–2.5							
	VCMT160406-RP4	16.61	0.6	0.15–0.25	0.6–3.0							
	VCMT160408-RP4	16.61	0.8	0.16–0.30	0.6–3.0							
	VCMT160412-RP4	16.61	1.2	0.20–0.35	0.8–3.0							

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

HC = Coated carbide
HE = Coated cermet

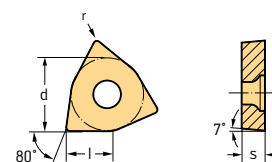
WALTER SELECT

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

Positive Trigon 80°

WCMT

Tiger-tec® Gold



Indexable inserts

	Designation	l mm	r mm	f mm	a _p mm	P HC		
						WPP10G	WPP20G	WPP30G
	WCMT040202-FP4	4,34	0,2	0,04–0,12	0,1–1,0	☺	☹	
	WCMT040204-FP4	4,34	0,4	0,05–0,16	0,1–1,5	☺	☹	
	WCMT040208-FP4	4,34	0,8	0,08–0,20	0,1–1,5		☹	
	WCMT06T302-FP4	6,52	0,2	0,04–0,12	0,1–1,0		☹	
	WCMT06T304-FP4	6,52	0,4	0,05–0,16	0,1–1,5		☹	
	WCMT06T308-FP4	6,52	0,8	0,08–0,20	0,1–1,5		☹	
	WCMT080404-FP4	8,69	0,4	0,05–0,16	0,1–1,5		☹	
	WCMT080408-FP4	8,69	0,8	0,08–0,20	0,1–1,5		☹	
	WCMT040204-FP6	4,34	0,4	0,06–0,18	0,3–2,0		☹	
	WCMT040208-FP6	4,34	0,8	0,10–0,20	0,5–2,0		☹	
	WCMT06T304-MP4	6,52	0,4	0,08–0,25	0,4–2,5		☹	
	WCMT06T308-MP4	6,52	0,8	0,12–0,32	0,5–2,5		☹	
	WCMT030202-RP4	3,91	0,2	0,08–0,12	0,2–1,5		☹	
	WCMT040204-RP4	4,34	0,4	0,12–0,25	0,4–2,5		☹	
	WCMT06T304-RP4	6,52	0,4	0,12–0,25	0,4–3,0		☹	
	WCMT06T308-RP4	6,52	0,8	0,16–0,35	0,6–3,0		☹	☹
	WCMT080404-RP4	8,69	0,4	0,12–0,25	0,4–3,0		☹	
	WCMT080408-RP4	8,69	0,8	0,16–0,40	0,6–4,0		☹	☹
	WCMT080412-RP4	8,69	1,2	0,20–0,45	0,8–4,0		☹	

See the ISO 1832 designation key for dimensions

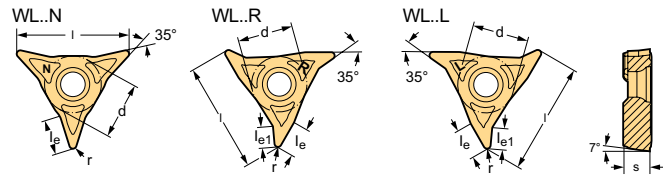
Ordering example for the grade WPP10G: WCMT040202-FP4 WPP10G

HC = Coated carbide

Indexable inserts copy turning system

WL...-VC...

Tiger-tec® Gold



Indexable inserts

	Designation	r mm	l mm	l _e mm	l _{e1} mm	f mm	a _p mm	P				K
								WKP01G	WPP10G	WPP20G	WKP01G	
	WL17-VC0504N-FP4	0,4	17	5		0,05–0,20	0,1–1,8					
	WL17-VC0508N-FP4	0,8	17	5,7		0,08–0,25	0,2–1,8					
	WL25-VC0704N-FP4	0,4	25	6,3		0,05–0,20	0,1–2,0					
	WL25-VC0708N-FP4	0,8	25	7,1		0,08–0,25	0,2–2,0					
	WL25-VC0704R-FP4	0,4	25	6,2	3,9	0,05–0,20	0,1–2,0					
	WL25-VC0708R-FP4	0,8	25	6,6	4,6	0,08–0,25	0,2–2,0					
	WL25-VC0704L-FP4	0,4	25	6,2	3,9	0,05–0,20	0,1–2,0					
	WL25-VC0708L-FP4	0,8	25	6,6	4,6	0,08–0,25	0,2–2,0					
	WL17-VC0504N-MP4	0,4	17	5		0,08–0,25	0,4–2,0					
	WL17-VC0508N-MP4	0,8	17	5,7		0,12–0,30	0,5–2,0					
	WL25-VC0704N-MP4	0,4	25	6,3		0,08–0,25	0,4–2,5					
	WL25-VC0708N-MP4	0,8	25	7,1		0,12–0,32	0,5–2,5					
	WL25-VC0712N-MP4	1,2	25	7,4		0,12–0,35	0,5–2,5					
	WL25-VC0716N-MP4	1,6	25	8,7		0,12–0,40	0,5–2,5					
	WL25-VC0704R-MP4	0,4	25	6,2	3,9	0,08–0,25	0,4–2,5					
	WL25-VC0708R-MP4	0,8	25	6,6	4,6	0,12–0,32	0,5–2,5					
	WL25-VC0704L-MP4	0,4	25	6,2	3,9	0,08–0,25	0,4–2,5					
	WL25-VC0708L-MP4	0,8	25	6,6	4,6	0,12–0,32	0,5–2,5					

Ordering example for the grade WPP20G: WL17-VC0504N-FP4 WPP20G

HC = Coated carbide

WALTER SELECT

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

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

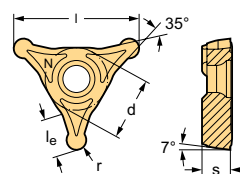
Inserts copy turning system – WL

47

Indexable inserts copy turning system

WL...-RC...

Tiger-tec® Gold



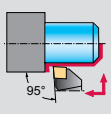
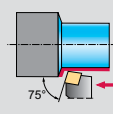
Indexable inserts

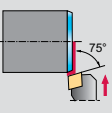
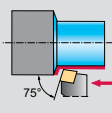
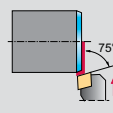
Designation	r mm	l mm	l _e mm	f mm	a _p mm	P
						HC
 WL25-RC0420N-MU6 WL25-RC0525N-MU6	2	25	7,2	0,12-0,40	0,5-2,0	WPP20G
	2,5	25	6,9	0,12-0,45	0,5-2,5	WPP20G

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

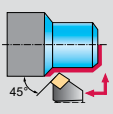
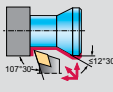
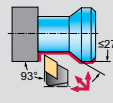
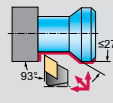
HC = Coated carbide

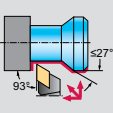
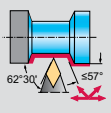
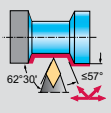
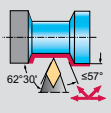
Square-shank turning toolholders – Negative basic shape

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/			

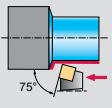
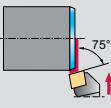
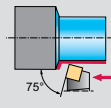
Type				
Machining				
				
Designation	DCKN	DCRN	PCBN	PCKN
Approach angle	75°	75°	75°	75°
Clamping system	Claw	Claw	Lever-type	Lever-type
Coolant supply	External	External	External	External
Shank size h [mm]	25–32		25–32	25
Shank size h [Inch]	1,000–1,250	1,000–1,250		
Insert size l [mm]	12–16	12–19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

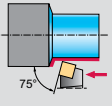
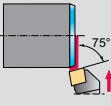
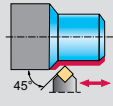
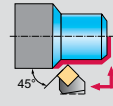
Square-shank turning toolholders – Negative basic shape

Type				
Machining				
				
Designation	PCSN	DDHN	DDQN	DDJN
Approach angle	45°	107,5°	107,5°	93°
Clamping system	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				
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	www.walter-tools.com/woc/			

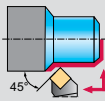
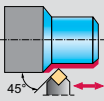
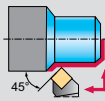
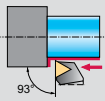
Type				
Machining				
				
Designation	DDJN...-P	PDJN	DDNN	DDPN
Approach angle	93°	93°	62,5°	62,5°
Clamping system	Claw	Lever-type	Claw	Claw
Coolant supply	Precision cooling	External	External	External
Shank size h [mm]	20–25	16–32	20–32	
Shank size h [Inch]	0,750–1,000			0,750–1,250
Insert size l [mm]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

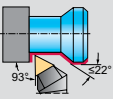
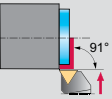
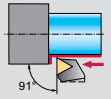
Square-shank turning toolholders – Negative basic shape

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

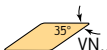
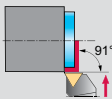
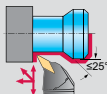
Type				
Machining				
				
Designation	PSBN	PSKN	DSDN	DSSN
Approach angle	75°	75°	45°	45°
Clamping system	Lever-type	Lever-type	Claw	Claw
Coolant supply	External	External	External	External
Shank size h [mm]	20–50	20–32	20–32	20–32
Shank size h [Inch]			0,625–1,500	1,000
Insert size l [mm]	12–25	12–19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

Square-shank turning toolholders – Negative basic shape

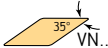
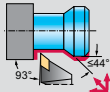
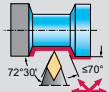
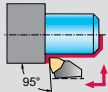
Type				
Machining				
				
Designation	DSSN...-P	PSDN	PSSN	DTJN
Approach angle	45°	45°	45°	93°
Clamping system	Claw	Lever-type	Lever-type	Claw
Coolant supply	Precision cooling	External	External	External
Shank size h [mm]	25	12–40	16–32	
Shank size h [Inch]				0,750–1,250
Insert size l [mm]	12	9–25	9–19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

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

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

www.walter-tools.com/woc/

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				
	DVJN	DVJN-P	DVVN	DWLN
www.walter-tools.com/woc/				

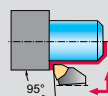
www.walter-tools.com/woc/

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		

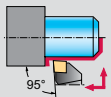
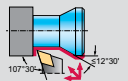
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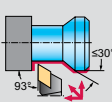
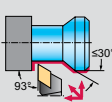

www.walter-tools.com/woc/

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		70	72	
QR code				
	www.walter-tools.com/woc/			

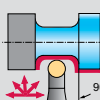
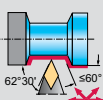
Type				
Machining				
				
				
Designation	SDJC	SDJC...-P	SDJC...-S-P	DDJC...-P
Approach angle	93°	93°	93°	93°
Clamping system	Screw	Screw	Screw	Claw
Coolant supply	External	Precision cooling	Precision cooling	Precision cooling
Shank size h [mm]	10–25	20–25	10–16	20–25
Shank size h [Inch]	0,375–1,000	0,750–1,000		
Insert size l [mm]	7–11	11	7–11	11
Page in catalogue		73	75	
QR code				
	www.walter-tools.com/woc/			

Square-shank turning toolholders – Positive basic shape

Type



Machining



NEW



Designation	SDNC	SDNC...-P	SRAC	SRDC
Approach angle	62,5°	62,5°	0°	0°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	External	Precision cooling	External	External
Shank size h [mm]	10–25	12–16	1,000–1,250	12–32
Shank size h [Inch]				0,500–1,250
Insert size l [mm]	7–11	7–11	6–12	6–16
Page in catalogue		76		

QR code


www.walter-tools.com/woc/

SDNC

SDNC-P

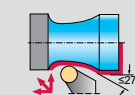
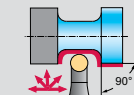
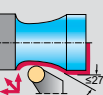
SRAC

SRDC

Type



Machining



Designation	SRGC	SRSC	PRDC	PRGC
Approach angle	0°	0°	0°	0°
Clamping system	Screw	Screw	Lever-type	Lever-type
Coolant supply	External	External	External	External
Shank size h [mm]		20–32	20–50	20–40
Shank size h [Inch]	1,000	1,000		
Insert size l [mm]	12	6–16	10–32	10–25
Page in catalogue				

QR code


www.walter-tools.com/woc/

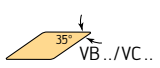
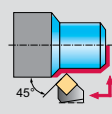
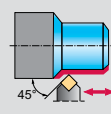
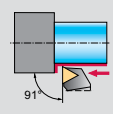
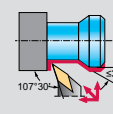
SRGC

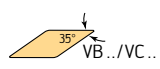
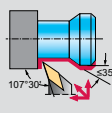
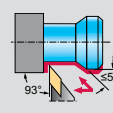
SRSC

PRDC

PRGC

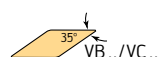
Square-shank turning toolholders – Positive basic shape

Type	 SC...		 TC...	 VB.../VC...
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/			

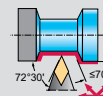
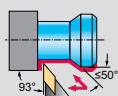
Type	 VB.../VC...			
Machining				
			 NEW	 NEW
Designation	PVHB	SVJB	SVJB...-P	SVJB...-S-P
Approach angle	107,5°	93°	93°	93°
Clamping system	Lever-type	Screw	Screw	Screw
Coolant supply	External	External	Precision cooling	Precision cooling
Shank size h [mm]	16–32	12–32	20–25	10–16
Shank size h [Inch]		0,500–1,000		
Insert size l [mm]	11–16	11–16	16	11
Page in catalogue			77	78
QR code				
	www.walter-tools.com/woc/			

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

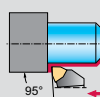
SVVB

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/

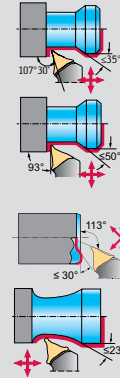
SWLC

Shank tool – WL Copy turning system

Type



Machining



Designation	W1011	W1011...-P	W1011...-S-P
Approach angle	107,5°	107,5°	107,5°
Clamping system	Screw	Screw	Screw
Coolant supply	External	Precision cooling	Precision cooling
Shank size h [mm]	16–25	16–32	12–16
Shank size h [Inch]		0,750–1,000	
Insert size l [mm]	25	17–25	17
Page in catalogue			

QR code


www.walter-tools.com/woc/

W1011

W1011-P

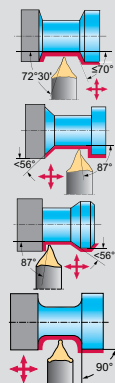
W1011-S-P

Shank tool – WL Copy turning system

Type



Machining



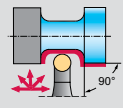
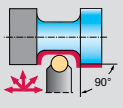
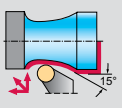
Designation	W1010...-P
Approach angle	72,5°
Clamping system	Screw
Coolant supply	Precision cooling
Shank size h [mm]	16–25
Shank size h [Inch]	0,750–1,000
Insert size l [mm]	17–25
Page in catalogue	

QR code

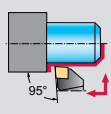
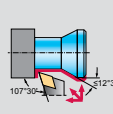

www.walter-tools.com/woc/

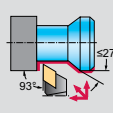
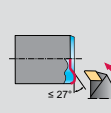
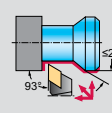
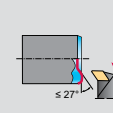
W1010-P

Square-shank turning toolholders – Ceramic indexable inserts

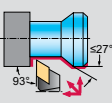
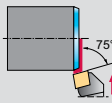
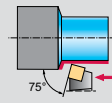
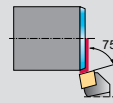
Type	 RC../RP..	 RN..		
Machining				
				
Designation	CRDC	CRDN	CRSN	CRSN...-P
Approach angle	0°	0°	0°	0°
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	External	External	External	Precision cooling
Shank size h [mm]	32	25–32	25–32	25
Shank size h [Inch]				
Insert size l [mm]	9–12	12	12–15	12
Page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

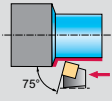
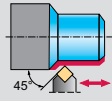
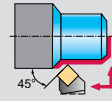
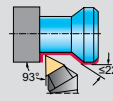
Walter Capto™ turning toolholders – Negative basic shape

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

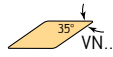
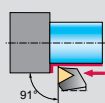
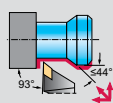
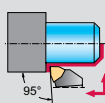
Type				
Machining				
				
Designation	C...-DDJN	C...-DDUN	C...-DDJN...-P	C...-DDUN...-P
Approach angle	93°	93°	93°	93°
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	Internal	Internal	Precision cooling	Precision cooling
Walter Capto™ size	C4–C8	C4–C8	C4–C8	C6
Insert size l [mm]	11–15	15	11–15	15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

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

Walter Capto™ turning toolholders – Negative basic shape

Type			
Machining			



Designation	C...-DTGN...-P	C...-DVJN	C...-DVJN...-P	C...-DWLN
Approach angle	91°	93°	93°	95°
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	Precision cooling	Internal	Precision cooling	Internal
Walter Capto™ size	C4	C4–C8	C4–C6	C4–C6
Insert size l [mm]	16	16	16	6–10
Page in catalogue				

QR code

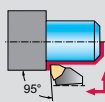

www.walter-tools.com/woc/

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		

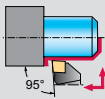
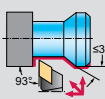
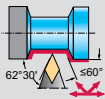
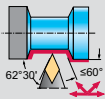
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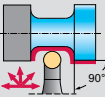
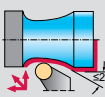
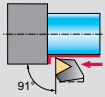
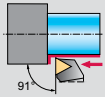

www.walter-tools.com/woc/

C-DWLN-P

C-PWLN

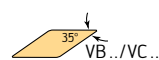
Walter Capto™ turning toolholders – Positive basic shape

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

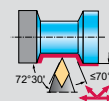
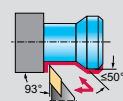
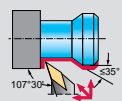
Type				
Machining				
				
Designation	C...-SRDC	C...-SRSC	C...-PRSC	C...-STGC
Approach angle	0°	0°	0°	91°
Clamping system	Screw	Screw	Lever-type	Screw
Coolant supply	Internal	Internal	Internal	Internal
Walter Capto™ size	C3–C6	C4–C6	C5–C8	C4–C5
Insert size l [mm]	6–16	6–16	16–25	11–16
Page in catalogue				
QR code				
	www.walter-tools.com/woc/			
	C-SRDC	C-SRSC	C-PRSC	C-STGC

Walter Capto™ turning toolholders – Positive basic shape

Type



Machining



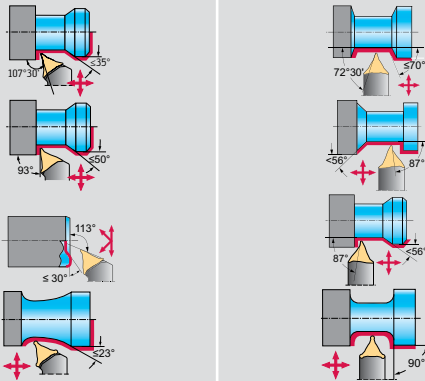
Designation	C...-SVHB	C...-SVJB	C...-DVJB...-P	C...-SVVB
Approach angle	107,5°	93°	93°	72,5°
Clamping system	Screw	Screw	Claw	Screw
Coolant supply	Internal	Internal	Precision cooling	Internal
Walter Capto™ size	C3–C6	C3–C6	C4–C8	C4–C6
Insert size l [mm]	11–16	11–16	16	11–16
Page in catalogue				
QR code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

Walter Capto™ – WL copy turn system

Type



Machining



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

Page in catalogue

QR code



www.walter-tools.com/woc/

W1011-C-P

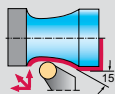
W1010-C-P

Square-shank turning toolholders – Ceramic indexable inserts

Type



Machining



Designation

C...-CRSN...-P

Approach angle

0°

Clamping system

Claw

Coolant supply

Precision cooling

Walter Capto™ size

C6

Insert size l [mm]

12

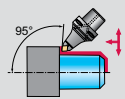
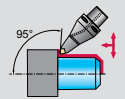
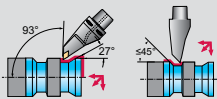
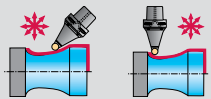
Page in catalogue

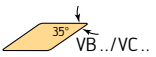
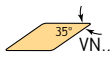
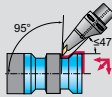
QR code


www.walter-tools.com/woc/

C-CRSN-P

Walter Capto™ turning toolholders – Turning and milling centers

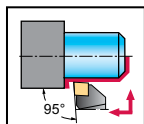
Type				
Machining				
				
Designation	C...-SCMC	C...-DCMN	C...-DDMN	C...-SRDC
Approach angle	95°	95°	93°	0°
Clamping system	Screw	Claw	Claw	Screw
Coolant supply	axial	axial	axial	Internal
Walter Capto™ size	C6	C5–C8	C5–C8	C6
Insert size l [mm]	12	12–16	15	10–16
Page in catalogue				
QR code				
	www.walter-tools.com/woc/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

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

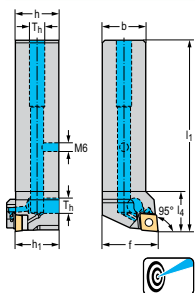
Shank tool – Screw clamping

SCLC...-P mm
Walter Turn


– Precision cooling



Tool

	Designation		$h = h_1$ mm	b mm	f mm	l_1 mm	l_4 mm	γ	λ_s	T_h	Type
	★ SCLCR2020X09-P		9	20	25	95	18,5	0°	0°	G1/8"	CC .. 09T3 ..
	★ SCLCR2525X09-P		9	25	25	110	18,5	0°	0°	G1/8"	
	★ SCLCL2020X09-P		9	20	20	95	18,5	0°	0°	G1/8"	CC .. 09T3 ..
	★ SCLCL2525X09-P		9	25	25	110	18,5	0°	0°	G1/8"	

Square shank

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

Assembly parts

	Type $h = h_1$ [mm]	CC .. 09T3 .. 20–25
	Clamping screw for indexable insert Tightening torque	FS2060 (T15IP) 3 Nm
	Shim	AP313-CC0908
	Screw for shim	FS2068 (SW 3,5)
	M6 threaded plug	FS2288 (SW 3)
	G 1/8" threaded plug	FS2258 (SW 2)
	Torx key	FS1465 (T15IP)

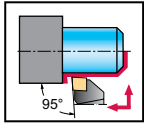
Shank tool – Screw clamping

SCLC...-P inch

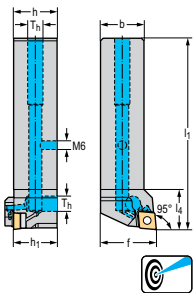
Walter Turn



– Precision cooling



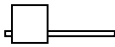
Tool

	Designation		h = h ₁ inch	b inch	f inch	l ₁ inch	l ₄ inch	γ	λ _s	T _h	Type
	★ SCLCR123B-P	9	0,750	0,750	1,000	4,500	0,728	0°	0°	G1/8"	CC .. 09T3 ..
	★ SCLCR163D-P	9	1,000	1,000	1,250	6,000	0,728	0°	0°	G1/8"	
	★ SCLCL123B-P	9	0,750	0,750	1,000	4,500	0,728	0°	0°	G1/8"	CC .. 09T3 ..
	★ SCLCL163D-P	9	1,000	1,000	1,250	6,000	0,728	0°	0°	G1/8"	

Square shank

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

Assembly parts

	Type h = h ₁ [inch]	CC .. 09T3 .. 0,75–1
	Clamping screw for indexable insert Tightening torque	FS2060 (T15IP) 2,213 lbs
	Shim	AP313-CC0908
	Screw for shim	FS2068 (SW 3,5)
	M6 threaded plug	FS2288 (SW 3)
	G 1/8" threaded plug	FS2258 (SW 2)
	Torx key	FS1465 (T15IP)

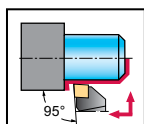
Shank tool – Screw clamping

SCLC...-S-P mm

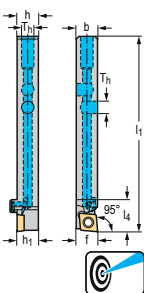
Walter Turn



- Precision cooling
- For Swiss Machining



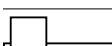
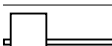
Tool

Designation		$h = h_1$ mm	b mm	f mm	l_1 mm	l_4 mm	γ	λ_s	T_h	Type
★ SCLCR1010H06-S-P		6	10	10	100	16	0°	0°	M6	CC .. 0602 ..
SCLCR1212J09-S-P		9	12	12	110	18	0°	0°	M8X1	CC .. 09T3 ..
SCLCR1616X09-S-P		9	16	16	120	18	0°	0°	G1/8"	
★ SCLCL1010H06-S-P		6	10	10	100	16	0°	0°	M6	CC .. 0602 ..
SCLCL1212J09-S-P		9	12	12	110	18	0°	0°	M8X1	CC .. 09T3 ..
SCLCL1616X09-S-P		9	16	16	120	18	0°	0°	G1/8"	

Square shank

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

Assembly parts

Type $h = h_1$ [mm]	CC .. 0602 .. 10	CC .. 09T3 .. 12	CC .. 09T3 .. 16
 Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS2119 (T15IP) 3 Nm	FS2119 (T15IP) 3 Nm
 G 1/8" threaded plug			FS2258 (SW 2)
 M8X1 threaded plug		FS2587 (SW 4)	
 Torx key		FS1496 (T15IP)	FS1496 (T15IP)
 M6 threaded plug	FS2288 (SW 3)		
 Torx key	FS1490 (T7IP)		

Accessories

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

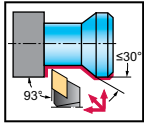
Shank tool – Screw clamping

SDJC...-P

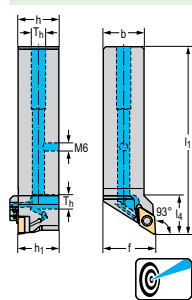
Walter Turn



– Precision cooling



Tool



Designation

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

Type

★ SDJCR2020X11-P	11	20	20	25	100	23,5	0°	0°	G1/8"	DC .. 11T3 ..
★ SDJCR2525X11-P	11	25	25	32	115	23,5	0°	0°	G1/8"	
★ SDJCL2020X11-P	11	20	20	25	100	23,5	0°	0°	G1/8"	DC .. 11T3 ..
★ SDJCL2525X11-P	11	25	25	32	115	23,5	0°	0°	G1/8"	

Square shank

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

Assembly parts

Type
 $h = h_1$ [mm]DC .. 11T3 ..
20–25Clamping screw for indexable insert
Tightening torqueFS2060 (T15IP)
3 Nm

Shim

AP315-DC1108



Screw for shim

FS2068 (SW 3,5)



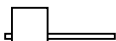
M6 threaded plug

FS2288 (SW 3)



G 1/8" threaded plug

FS2258 (SW 2)



Torx key

FS1465 (T15IP)

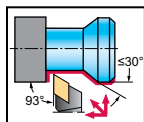
Shank tool – Screw clamping

SDJC...-P inch

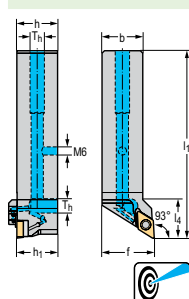
Walter Turn



– Precision cooling



Tool



Designation

 $h = h_1$

inch

b

inch

f

inch

 l_1

inch

 l_4

inch

 γ

°

 λ_s

°

 T_h

G1/8"

Type

★ SDJCR123B-P

11

0,750

0,750

1,000

4,500

0,925

0°

0°

G1/8"

DC .. 11T3 ..

★ SDJCR163D-P

11

1,000

1,000

1,250

6,000

0,925

0°

0°

G1/8"

★ SDJCL123B-P

11

0,750

0,750

1,000

4,500

0,925

0°

0°

G1/8"

DC .. 11T3 ..

★ SDJCL163D-P

11

1,000

1,000

1,250

6,000

0,925

0°

0°

G1/8"

Square shank

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

Assembly parts

Type
 $h = h_1$ [inch]DC .. 11T3 ..
0,75–1Clamping screw for indexable insert
Tightening torqueFS2060 (T15IP)
2,213 lbs

Shim

AP315-DC1108



Screw for shim

FS2068 (SW 3,5)



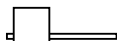
M6 threaded plug

FS2288 (SW 3)



G 1/8" threaded plug

FS2258 (SW 2)



Torx key

FS1465 (T15IP)

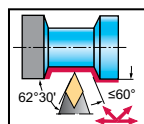
Shank tool – Screw clamping

SDNC...-P

Walter Turn



- Precision cooling
- For Swiss Machining



Tool

Tool

Square shank

Designation

$h = h_1$
mm

b
mm

f
mm

l_1
mm

l_4
mm

γ

λ_s

T_h

Type

★ SDNCN1212J07-P

7

12

12

6

110

18

0°

0°

M8X1

DC .. 0702 ..

★ SDNCN1212J11-P

11

12

12

6

110

24

0°

0°

M8X1

DC .. 11T3 ..

★ SDNCN1616X11-P

11

16

16

8

120

24

0°

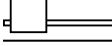
0°

G1/8"

Square shank

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

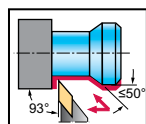
Assembly parts

Type $h = h_1$ [mm]	DC .. 0702 .. 12	DC .. 11T3 .. 12	DC .. 11T3 .. 16
 Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS2119 (T15IP) 3 Nm	FS2119 (T15IP) 3 Nm
 G 1/8" threaded plug			FS2258 (SW 2)
 M8X1 threaded plug	FS2587 (SW 4)	FS2587 (SW 4)	
 Torx key	FS1490 (T7IP)	FS1465 (T15IP)	FS1465 (T15IP)

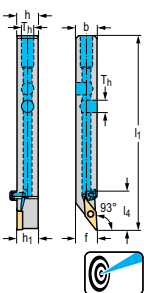
Shank tool – Screw clamping

SVJB...-S-P mm
Walter Turn


- Precision cooling
- For Swiss Machining



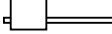
Tool

Designation		$h = h_1$ mm	b mm	f mm	l_1 mm	l_4 mm	γ	λ_s	T_h	Type
★ SVJBR1010H11-S-P		11	10	10	100	22	0°	0°	M6	VB .. 1103 ..
SVJBR1212J11-S-P		11	12	12	110	22	0°	0°	M8X1	
SVJBR1616X11-S-P		11	16	16	120	22	0°	0°	G1/8"	
★ SVJBL1010H11-S-P		11	10	10	100	22	0°	0°	M6	VB .. 1103 ..
SVJBL1212J11-S-P		11	12	12	110	22	0°	0°	M8X1	
SVJBL1616X11-S-P		11	16	16	120	22	0°	0°	G1/8"	

Square shank

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

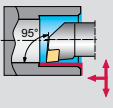
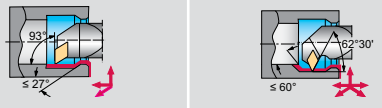
Assembly parts

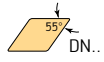
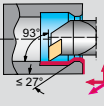
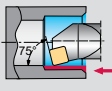
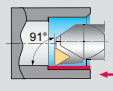
Type $h = h_1$ [mm]	VB .. 1103 .. 10	VB .. 1103 .. 12	VB .. 1103 .. 16
 Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm
 G 1/8" threaded plug			FS2258 (SW 2)
 M8X1 threaded plug		FS2587 (SW 4)	
 M6 threaded plug	FS2288 (SW 3)		
 Torx key	FS1490 (T7IP)	FS1490 (T7IP)	FS1490 (T7IP)

Accessories

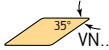
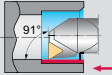
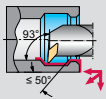
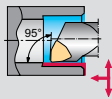
Type $h = h_1$ [mm]	VB .. 1103 .. 10–16	VB .. 1103 .. 12
 M8x1 angle connection		FS2596
 M8x1 connection element		FS2597
 Copper gasket		FS2598

Boring bars – Negative basic shape

Type				
Machining				
	 		 	
Designation	A...-DCLN	A...-PCLN	A...-DDUN	A...-DDXN
Approach angle	95°	95°	93°	93°
Clamping system	Claw	Lever-type	Claw	Claw
Coolant supply	axial	axial	axial	axial
Boring bar Ø d ₁ [mm]	25–50	16–40	25–50	32–40
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	www.walter-tools.com/woc/ A-PCLN	www.walter-tools.com/woc/ A-DDUN	www.walter-tools.com/woc/ A-DDXN

Type				
Machining				
	 	 		
Designation	A...-PDUN	A...-DSKN	A...-PSKN	A...-DTFN
Approach angle	93°	75°	75°	91°
Clamping system	Lever-type	Claw	Lever-type	Claw
Coolant supply	axial	axial	axial	axial
Boring bar Ø d ₁ [mm]	25–40	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-PDUN	www.walter-tools.com/woc/ A-DSKN	www.walter-tools.com/woc/ A-PSKN	www.walter-tools.com/woc/ A-DTFN

Boring bars – Negative basic shape

Type			
Machining			



Designation	A...-PTFN	A...-DVUN	A...-DWLN	A...-PWLN
Approach angle	91°	93°	95°	95°
Clamping system	Lever-type	Claw	Claw	Lever-type
Coolant supply	axial	axial	axial	axial
Boring bar 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

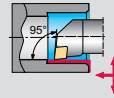
A-PWLN

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	axial	axial	axial	axial
Boring bar Ø d ₁ [mm]	8–32	8–20		8–25
Boring bar Ø d ₁ [inch]	0,375–1,250		0,375–1,000	
Insert size l [mm]	6–12	6–9	6–9	6–9
Page in catalogue				

QR code



A-SCLC



A-SCLC-R



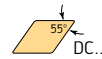
E-SCLC



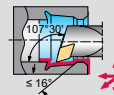
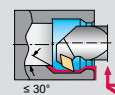
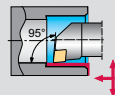
E-SCLC-R

www.walter-tools.com/woc/

Type



Machining



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

QR code



A-SCLP-E-SCLP



E-SCLP



A-SDUC-X



A-SDQC

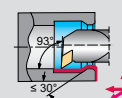
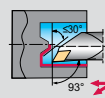
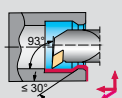
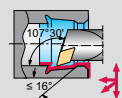
www.walter-tools.com/woc/

Boring bars – Positive basic shape

Type



Machining



Designation	A...-SDQC...-R	A...-SDUC...-R	A...-SDJC	A...-SDUC
Approach angle	107,5°	93°	93°	93°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
Boring bar Ø d ₁ [mm]	12–20	10–20	16–25	10–32
Boring bar Ø d ₁ [inch]				0,375–1,000
Insert size l [mm]	7–11	7–11	7–11	7–11
Page in catalogue				

QR code


www.walter-tools.com/woc/

A-SDQC-R

A-SDUC-R

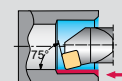
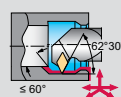
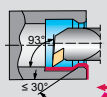
A-SDJC

A-SDUC

Type



Machining



Designation	E...-SDUC	E...-SDUC...-R	A...-SDXC...	A...-SSKC
Approach angle	93°	93°	62,5°	75°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
Boring bar Ø d ₁ [mm]		10–25	12–25	16–25
Boring bar Ø d ₁ [inch]	0,375–1,000			
Insert size l [mm]	7–11	7–11	7–11	9–12
Page in catalogue				

QR code


www.walter-tools.com/woc/

E-SDUC

E-SDUC-R

A-SDXC

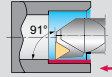
A-SSKC

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	axial	axial	axial	axial
Boring bar Ø d ₁ [mm]	6–32	6–16		6–25
Boring bar Ø d ₁ [inch]	0,375–1,250		0,375–1,000	
Insert size l [mm]	6–16	6–11	9–16	6–16
Page in catalogue				

QR code



A-STFC



A-STFC-R



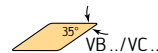
E-STFC



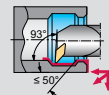
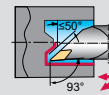
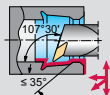
E-STFC-R

www.walter-tools.com/woc/

Type



Machining



Designation	A...-SVQB	A...-SVQB...-R	A...-SVJB	A...-SVUB
Approach angle	107,5°	107,5°	93°	93°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
Boring bar Ø d ₁ [mm]	16–40	16–20	16–20	16–40
Boring bar Ø d ₁ [inch]				0,625–1,500
Insert size l [mm]	11–16	11	11	11–16
Page in catalogue				

QR code



A-SVQB



A-SVQB-R



A-SVJB

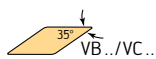


A-SVUB

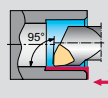
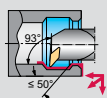
www.walter-tools.com/woc/

Boring bars – Positive basic shape

Type



Machining



Designation	A...-SVUB...-R	E...-SWLC	A...-SWLC
Approach angle	93°	95°	95°
Clamping system	Screw	Screw	Screw
Coolant supply	axial	axial	axial
Boring bar Ø d ₁ [mm]	16–20		10–32
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 bar adaptor

Type

Machining



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

QR code



www.walter-tools.com/woc/

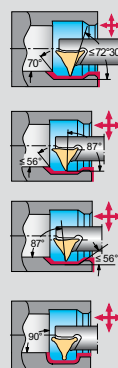
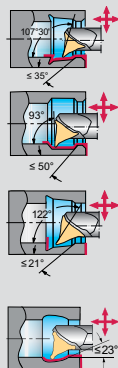
A2140-W

Boring bars – WL Copy turning system

Type



Machining



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

Page in catalogue

QR code



W1211



W1210

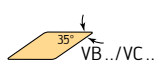
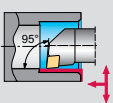
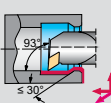
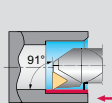
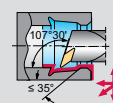
www.walter-tools.com/woc/

Walter Capto™ boring bars – Negative basic shape

Type				
Machining				
Designation	C...-DCLN	C...-PCLN	C...-DDUN	C...-PDUN
Approach angle	95°	95°	93°	93°
Clamping system	Claw	Lever-type	Claw	Lever-type
Coolant supply	Internal	axial	Internal	axial
Walter Capto™ size	C4–C6	C3–C6	C4–C6	C3–C6
Boring bar Ø d ₂ [mm]	25–40	25–50	25–40	25–50
Insert size l [mm]	12–16	12–16	11–15	11–15
Page in catalogue				
QR code				
www.walter-tools.com/woc/	C-DCLN	C-PCLN	C-DDUN	C-PDUN

Type				
Machining				
				
Designation	C...-PSKN	C...-PTFN	C...-DWLN	C...-PWLN
Approach angle	75°	91°	95°	95°
Clamping system	Lever-type	Lever-type	Claw	Lever-type
Coolant supply	axial	axial	Internal	Internal
Walter Capto™ size	C5–C6	C4–C6	C4–C6	C3–C6
Boring bar Ø d ₂ [mm]	40–50	25–50	20–40	20–50
Insert size l [mm]	12–15	16–22	6–10	6–8
Page in catalogue				
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	axial	axial	axial	axial
Walter Capto™ size	C3–C5	C3–C5	C4–C5	C3–C6
Boring bar Ø d ₂ [mm]	16–40	16–40	16–32	16–50
Insert size l [mm]	9–12	7–11	11–16	11–16

Page in catalogue

QR code


www.walter-tools.com/woc/

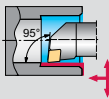
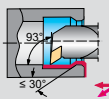
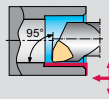
C-SCLC

C-SDUC

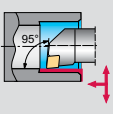
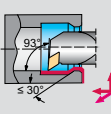
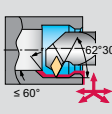
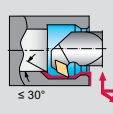
C-STFC

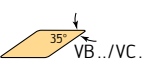
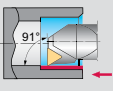
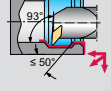
C-SVQB

QuadFit exchangeable head – Negative basic shape

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

QuadFit exchangeable head – Positive basic shape

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

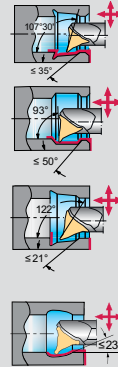
Type		
Machining		
		
Designation	Q...-STFC	Q...-SVUB
Approach angle	91°	93°
Clamping system	Screw	Screw
Coolant supply	axial	axial
QuadFit size	Q25–Q50	Q25–Q50
Insert size l [mm]	11–16	11–16
Page in catalogue		
QR code		
	www.walter-tools.com/woc/	
	Q-STFC	Q-SVUB

QuadFit exchangeable head – WL copy turning system

Type



Machining



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

QR code


www.walter-tools.com/woc/

W1211-Q

Vibration-damped boring bar adaptor



Cylinder shaft adaptor –
vibration damped



Cylinder shaft adaptor –
vibration damped



Walter Capto™ Adaptor –
vibration damped



Walter Capto™ Adaptor –
vibration damped

Designation	A3000	A3001	A3000-C	A3001-C
Machine-side	Parallel shank with clamping surface	Cylindrical shank	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623
Tool-side	Q25 - Q50	QL60 - QL100	Q25 - Q50	QL60 - QL80

Page in catalogue

QR code



A3000



A3001



A3000-C



A3001-C

www.walter-tools.com/woc/



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



A3000-HSK-T



A3001-HSK-T

www.walter-tools.com/woc/

Boring bar adaptor – QuadFit



Cylindrical shank - QuadFit

Designation	A2100
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Machine-side Parallel shank with clamping surface

Tool-side	Q40 - QL60
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Page in catalogue

QR code



www.walter-tools.com/woc/

A2100

Intermediate adaptors – QuadFit Large



QuadFit Large Intermediate adaptors

Designation

A2201

Machine-side

QuadFit

Tool-side

Q50

Page in catalogue

QR code



www.walter-tools.com/woc/

A2201

Cutting inserts

System	MX				
Machining	Low feed		Medium feed		
	NEW	NEW	NEW	NEW	NEW
					
Geometry	GD8	VG8	CF5	RF5	A60
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●●	●●	●●	●	●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials					
O Other			●		
Insert width s [mm]	0,5–3,25	2,8	0,8–5,56	1,57–5,0	
a _p [mm]					
f [mm]	0,02–0,15	0,05–0,12	0,02–0,28	0,04–0,25	
Page in catalogue	102	105	103	106	106
QR code					
www.walter-tools.com/woc/	GD8	VG8	CF5	RF5	A60
System	MX			DX	
Machining				Low feed	
	NEW			Selection	NEW
					
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	106			107	107
QR code					
www.walter-tools.com/woc/	AG60	ISO	-X-N	CK8	CF6

WALTER SELECT

●● Primary application ● Other application

Cutting inserts

System	DX				
Machining	Low feed				Medium feed
	NEW	NEW	NEW	NEW	NEW
					
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]			0,3–2,2	0,3–2,2	
f [mm]	0,05–0,10	0,04–0,23	0,05–0,30	0,05–0,30	0,03–0,23
Page in catalogue	108	109	109	109	107

QR code


www.walter-tools.com/woc/

GD8

GD3

UF8

UF7

CF5

System	DX				
Machining	Medium feed				High feed
	NEW	NEW	NEW	NEW	NEW
					
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]		0,3–2,8	0,1–1,0	0,1–2,0	
f [mm]	0,04–0,25	0,10–0,33	0,08–0,26	0,08–0,48	0,03–0,33
Page in catalogue	108	110	111	111	108

QR code


www.walter-tools.com/woc/

GD6

UF4

RF8

RF7

CE4

WALTER SELECT

●● Primary application ● Other application

Cutting inserts

System	DX			GX	
Machining	High feed			Low feed	
	Selection 	Selection 	NEW 		
Geometry	UD4	UA4	RD4	CK8	CF6
P Steel	●●		●●		●●
M Stainless steel	●		●	●	●●
K Cast iron	●●	●●	●●		
N NF metals				●●	●●
S Materials with difficult cutting properties			●	●	●●
H Hard materials		●			
O Other					●
Insert width s [mm]	2,0–4,0	2,0–4,0	2,0–3,0	2,0–4,0	1,5–3,0
a _p [mm]	0,3–2,8	0,3–2,8	0,2–1,5		
f [mm]	0,10–0,33	0,08–0,38	0,08–0,38	0,04–0,22	0,03–0,23
Page in catalogue	110	110	111		
QR code					
www.walter-tools.com/woc/	UD4	UA4	RD4	CK8	CF6
System	GX				
Machining	Low feed				
	NEW 	NEW 	NEW 		
Geometry	GD8	GD3	UF8	VG7	RK8
P Steel	●●	●●	●●	●●	
M Stainless steel	●●	●●	●●	●●	
K Cast iron	●	●	●	●	
N NF metals	●●	●	●●	●●	●●
S Materials with difficult cutting properties	●●	●	●●	●●	
H Hard materials					
O Other		●			●
Insert width s [mm]	1,0–1,4	2,0–6,0	1,6–6,0	2,8	6,0
a _p [mm]			0,3–3,2	0,2–2,5	0,1–4,0
f [mm]	0,05–0,10	0,04–0,28	0,05–0,35	0,05–0,25	0,10–0,60
Page in catalogue	113	112	113		
QR code					
www.walter-tools.com/woc/	GD8	GD3	UF8	VG7	RK8

WALTER SELECT

●● Primary application ● Other application

Cutting inserts

System	GX				
Machining	Low feed		Medium feed		
					
Geometry	TM-1	EM-1	CF5	GD6	UD6
P Steel			●●	●●	●
M Stainless steel			●●	●●	●●
K Cast iron			●	●	
N NF metals			●●	●	●
S Materials with difficult cutting properties		●●	●●	●●	
H Hard materials	●●				
O Other			●		
Insert width s [mm]	3,0–6,0	3,0–6,0	2,0–5,0	2,0–6,0	2,0–6,0
a _p [mm]	0,05–3,0	0,05–3,0			0,3–3,5
f [mm]	0,02–0,15	0,10–0,30	0,03–0,25	0,04–0,30	0,06–0,35
Page in catalogue			112	112	

QR code


www.walter-tools.com/woc/

TM-1

EM-1

CF5

GD6

UD6

System	GX				
Machining	Medium feed				
					
Geometry	UF4	RF8	RF7	FS-M1	FS-F1
P Steel	●●	●●	●●		
M Stainless steel	●●	●●	●●		
K Cast iron	●●	●	●		
N NF metals	●	●	●	●●	●●
S Materials with difficult cutting properties	●	●●	●●	●	●
H Hard materials					
O Other				●●	●●
Insert width s [mm]	2,0–8,0	2,0–8,0	3,0–5,0	2,0–6,0	2,0–6,0
a _p [mm]	0,3–4,0	0,1–4,0	0,1–2,5	0,1–3,0	
f [mm]	0,10–0,55	0,05–0,60	0,10–0,53	0,05–0,50	0,04–0,28
Page in catalogue	113	114			

QR code


www.walter-tools.com/woc/

UF4

RF8

RF7

FS-M1

FS-F1

WALTER SELECT

●● Primary application ● Other application

Cutting inserts

System	GX				
Machining	Medium feed	High feed			
		NEW 			
Geometry	AF5	CE4	UD4	UA4	RD4
P Steel	●●	●●	●●		●●
M Stainless steel	●●	●	●		●
K Cast iron	●	●●	●●	●●	●●
N NF metals	●	●			
S Materials with difficult cutting properties	●	●			●
H Hard materials		●		●	
O Other					
Insert width s [mm]	5,0	2,0–6,0	2,0–8,0	2,0–6,0	2,0–8,0
a _p [mm]	0,5		0,3–4,0	0,3–3,5	0,2–4,0
f [mm]	0,15–0,30	0,04–0,40	0,10–0,40	0,08–0,40	0,08–0,80
Page in catalogue		112			
QR code					
www.walter-tools.com/woc/	AF5	CE4	UD4	UA4	RD4
System	GX	SX			
Machining		Low feed			Medium feed
		Selection 	NEW 	Selection 	NEW 
Geometry	X..N	CK8	CF6	SK8	CF5
P Steel	●●	●●	●●		●●
M Stainless steel	●●	●	●●		●●
K Cast iron	●●				●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●	●●	●	●●
H Hard materials	●●				
O Other	●		●		●
Insert width s [mm]	4,8–10,3	2,0–5,0	2,0–3,0	1,5–5,0	1,5–6,0
a _p [mm]					
f [mm]		0,04–0,25	0,03–0,23	0,03–0,25	0,03–0,30
Page in catalogue		115	115	116	115
QR code					
www.walter-tools.com/woc/	-X-N	CK8	CF6	SK8	CF5

WALTER SELECT

●● Primary application ● Other application

Cutting inserts

System	SX			UX	WT
Machining	Medium feed		High feed		Low feed
	NEW 	NEW 	NEW 		NEW 
Geometry	UF4	SF5	CE4	GD2	CD8
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●	●●	●●
K Cast iron	●●	●	●●	●●	●
N NF metals	●	●●	●	●●	●●
S Materials with difficult cutting properties	●	●●	●	●●	●●
H Hard materials			●		
O Other		●			
Insert width s [mm]	8,0	1,5–5,0	1,5–10,0	12,0–19,0	0,7–2,0
a _p [mm]	0,9–4,0				
f [mm]	0,18–0,55	0,03–0,25	0,03–0,60	0,20–0,60	0,02–0,14
Page in catalogue	116	116	115		117

QR code


www.walter-tools.com/woc/

UF4

SF5

CE4

GD2

CD8

System	WT				
Machining	Low feed				
	NEW 	NEW 	NEW 	NEW 	NEW 
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	
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	118	119	119	120	120

QR code


www.walter-tools.com/woc/

GD8

DG8

UA8

VG8

RA8

WALTER SELECT

●● Primary application ● Other application

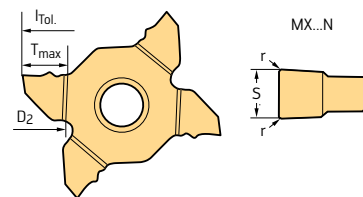
Cutting inserts

System	WT
Machining	
	NEW 
Geometry	.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	121
QR code	
www.walter-tools.com/woc/	-X-N

Grooving and parting off – cutting inserts

MX

Tiger-tec® Gold



Cutting inserts

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

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

Radius tolerance r_{Tol} = ±0.05 mm

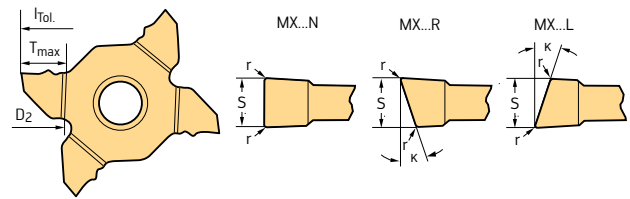
Ordering example for the grade WSM23G: MX22-2E050N01-GD8 WSM23G

HC = Coated carbide

Grooving and parting off – cutting inserts

MX

Tiger-tec® Gold



A2

Cutting inserts

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

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

HC = Coated carbide

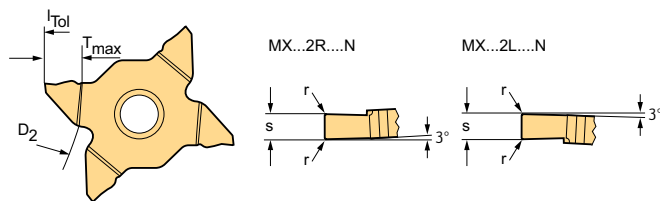
WALTER SELECT

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

Grooving and parting off 3° – cutting inserts

MX

Tiger-tec® Gold



Cutting inserts

	Designation	s mm	r mm	T _{max} mm	D ₂ mm	f mm	S _{Tol} mm	l _{Tol} mm	P	M	S
									HC	HC	HC
	MX22-2R150N01-GD8	1,5	0,1	5	130	0,03–0,06	±0,02	±0,03	WSM23G	WSM23G	WSM23G
	MX22-2R200N02-GD8	2	0,2	5	100	0,04–0,10	±0,02	±0,03	WSM23G	WSM23G	WSM23G
	MX22-2R300N02-GD8	3	0,2	5	100	0,05–0,14	±0,02	±0,03	WSM23G	WSM23G	WSM23G
	MX22-2L150N01-GD8	1,5	0,1	5	130	0,03–0,06	±0,02	±0,03	WSM23G	WSM23G	WSM23G
	MX22-2L200N02-GD8	2	0,2	5	100	0,04–0,10	±0,02	±0,03	WSM23G	WSM23G	WSM23G
	MX22-2L300N02-GD8	3	0,2	5	100	0,04–0,14	±0,02	±0,03	WSM23G	WSM23G	WSM23G

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

Radius tolerance r_{Tol} = ±0.05 mm

When using the cutting insert MX22-2R... tool G3051...R must be used

When using cutting insert MX22-2L... tool G3051...L must be used

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

HC = Coated carbide

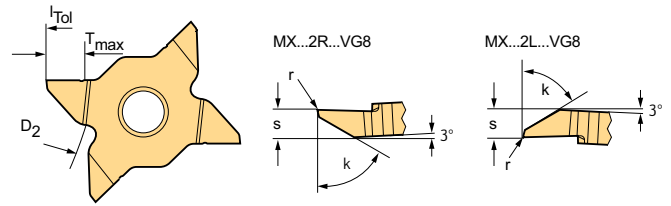
WALTER SELECT

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

Grooving and recessing 3° – Cutting inserts

MX

Tiger-tec® Gold



A2

Cutting inserts

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

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

Radius tolerance r_{Tol} = ±0.05 mm

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

HC = Coated carbide

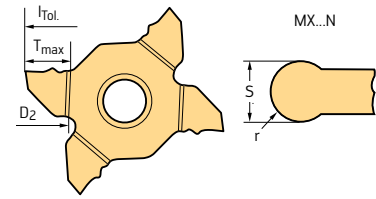
WALTER SELECT

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

Grooving and copy turning – cutting inserts

MX

Tiger-tec® Gold



Cutting inserts

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

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

Radius tolerance r_{Tol} = ±0.05 mm

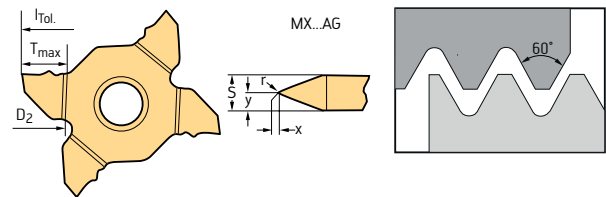
Ordering example for the grade WSM23G: MX22-2E157N08-RF5 WSM23G

HC = Coated carbide

External thread – 60° partial profile – cutting inserts

MX

Tiger-tec® Gold



Indexable inserts

Designation	P mm	Pitch (P) in	s mm	r mm	X mm	Y mm	P	M	S
							HC	HC	HC
							WSM23G	WSM33G	WSM23G
MX22-2E-EN-A60	0,5–1,5	48–16	3,35	0,05	0,05	1,68	☺	☺	☺
MX22-4E-EN-AG60	0,5–3	48–8	5,65	0,08	0,08	2,83	☺	☺	☺

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

Radius tolerance r_{Tol} = ±0.05 mm

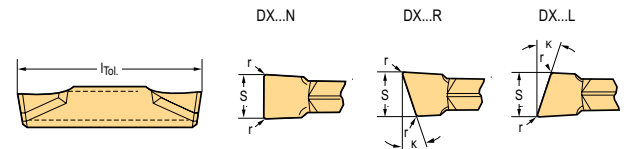
Ordering example for the grade WSM23G: MX22-2E-EN-A60 WSM23G

HC = Coated carbide

Grooving and parting off – cutting inserts

DX

Tiger-tec® Gold



A2

Cutting inserts

	Designation	s mm	r mm	κ	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P					M				K	N	S			
									WSM13G	WKP23S	WSM23G	WSM33G	WSM43G	WSM13G	WSM23G	WSM33G	WSM43G	HC	HC	HC	HF	WSM13G	WSM23G
	DX18-1E150N01-CK8	1,5	0,15		18	0,04–0,10	±0,02	±0,15										☺					
	DX18-2E200N02-CK8	2	0,2		18	0,04–0,12	±0,02	±0,15										☺					
	DX18-3E300N02-CK8	3	0,2		18	0,08–0,20	±0,02	±0,15										☺					
	DX18-4E400N02-CK8	4	0,2		18	0,10–0,22	±0,02	±0,15										☺					
	DX18-2E200R7-CK8	2	0	7	18	0,04–0,10	±0,02	±0,15										☺					
	DX18-2E200L7-CK8	2	0	7	18	0,04–0,10	±0,02	±0,15										☺					
	DX18-1E100N01-CF6	1	0,1		18	0,03–0,10	±0,05	±0,15				☹										☹	
	DX18-1E150N01-CF6	1,5	0,15		18	0,03–0,12	±0,05	±0,15				☹	☹				☹	☹				☹	☹
	DX18-2E200N02-CF6	2	0,2		18	0,03–0,14	±0,05	±0,15				☹	☹				☹	☹				☹	☹
	DX18-2E250N02-CF6	2,5	0,2		18	0,03–0,18	±0,05	±0,15				☹	☹				☹	☹				☹	☹
	DX18-3E300N02-CF6	3	0,2		18	0,04–0,23	±0,05	±0,15				☹	☹				☹	☹				☹	☹
	DX18-1E150R10-CF6	1,5	0	10	18	0,03–0,12	±0,05	±0,15				☹					☹					☹	
	DX18-2E200R6-CF6	2	0,2	6	18	0,03–0,14	±0,05	±0,15				☹	☹				☹	☹				☹	☹
	DX18-2E250R6-CF6	2,5	0,2	6	18	0,03–0,18	±0,05	±0,15				☹					☹					☹	
	DX18-3E300R6-CF6	3	0,2	6	18	0,04–0,23	±0,05	±0,15				☹					☹					☹	
	DX18-2E200R15-CF6	2	0	15	18,3	0,03–0,14	±0,05	±0,15				☹					☹					☹	
	DX18-1E150L10-CF6	1,5	0	10	18	0,03–0,12	±0,05	±0,15				☹					☹					☹	
	DX18-2E200L6-CF6	2	0,2	6	18	0,03–0,14	±0,05	±0,15				☹	☹				☹	☹				☹	☹
	DX18-2E250L6-CF6	2,5	0,2	6	18	0,03–0,18	±0,05	±0,15				☹					☹					☹	
	DX18-3E300L6-CF6	3	0,2	6	18	0,04–0,23	±0,05	±0,15				☹					☹					☹	
	DX18-2E200L15-CF6	2	0	15	18,3	0,03–0,14	±0,05	±0,15				☹					☹					☹	
	DX18-1E100N01-CF5	1	0,1		18	0,03–0,10	±0,05	±0,15				☹					☹					☹	
	DX18-1E150N01-CF5	1,5	0,15		18	0,03–0,12	±0,05	±0,15				☹	☹	☹			☹	☹				☹	☹
	DX18-2E200N00-CF5	2	0		18	0,03–0,12	±0,05	±0,15				☹					☹					☹	
	DX18-2E200N02-CF5	2	0,2		18	0,04–0,14	±0,05	±0,15				☹	☹	☹	☹	☹	☹	☹			☹	☹	☹
	DX18-2E250N02-CF5	2,5	0,2		18	0,05–0,18	±0,05	±0,15				☹	☹				☹	☹				☹	☹
	DX18-3E300N02-CF5	3	0,2		18	0,08–0,23	±0,05	±0,15				☹	☹	☹	☹	☹	☹			☹	☹	☹	☹
	DX18-1E150R10-CF5	1,5	0	10	18	0,03–0,06	±0,05	±0,15				☹					☹					☹	
	DX18-2E200R6-CF5	2	0,2	6	18	0,03–0,12	±0,05	±0,15				☹	☹				☹	☹				☹	☹
	DX18-2E200R7-CF5	2	0	7	18	0,03–0,12	±0,05	±0,15				☹					☹					☹	
	DX18-2E200R15-CF5	2	0	15	18	0,03–0,12	±0,05	±0,15				☹					☹					☹	
	DX18-2E250R6-CF5	2,5	0,2	6	18	0,03–0,15	±0,05	±0,15				☹					☹					☹	
	DX18-3E300R6-CF5	3	0,2	6	18	0,04–0,19	±0,05	±0,15				☹					☹					☹	
	DX18-3E300R7-CF5	3	0	7	18,8	0,04–0,16	±0,05	±0,15				☹					☹					☹	
	DX18-3E300R15-CF5	3	0	15	18,8	0,04–0,16	±0,05	±0,15				☹					☹					☹	

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

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

HC = Coated carbide

HF = Uncoated fine-grained carbide

WALTER SELECT

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

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

Cutting inserts

107

Grooving and parting off – cutting inserts

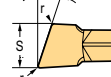
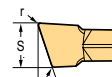
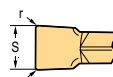
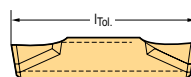
DX

Tiger-tec® Gold

DX...N

DX...R

DX...L



Cutting inserts

	Designation	s mm	r mm	κ	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P				M				K	N	S				
									HC				HC				HC	HF	HC				
									WSM13G	WKP23S	WSM23G	WSM33G	WSM43G	WSM13G	WSM23G	WSM33G	WSM43G	WKP23S	WN13	WSM13G	WSM23G	WSM33G	WSM43G
	DX18-1E150L10-CF5	1,5	0	10	18	0,03–0,06	±0,05	±0,15				☹				☹						☹	
	DX18-2E200L6-CF5	2	0,2	6	18	0,03–0,12	±0,05	±0,15				☹	☹			☹	☹					☹	☹
	DX18-2E200L7-CF5	2	0	7	18	0,03–0,12	±0,05	±0,15			☹	☹		☹	☹						☹		
	DX18-2E200L15-CF5	2	0	15	18	0,03–0,12	±0,05	±0,15				☹				☹						☹	
	DX18-2E250L6-CF5	2,5	0,2	6	18	0,03–0,15	±0,05	±0,15				☹				☹						☹	
	DX18-3E300L6-CF5	3	0,2	6	18	0,04–0,19	±0,05	±0,15				☹				☹						☹	
	DX18-3E300L7-CF5	3	0	7	18,8	0,04–0,16	±0,05	±0,15				☹				☹						☹	
	DX18-3E300L15-CF5	3	0	15	18,8	0,04–0,16	±0,05	±0,15				☹				☹						☹	
	DX18-3F300N02-CF5	3	0,2		18	0,08–0,23	±0,05	±0,15				☹				☹						☹	
	DX18-1E120N01-CE4	1,2	0,15		18	0,04–0,13	±0,05	±0,15				☹				☹						☹	
	DX18-1E150N01-CE4	1,5	0,15		18	0,03–0,12	±0,05	±0,15				☹	☹			☹	☹					☹	☹
	DX18-2E200N02-CE4	2	0,2		18	0,06–0,17	±0,05	±0,15		☹	☹	☹	☹		☹	☹	☹	☹			☹	☹	
	DX18-2E250N02-CE4	2,5	0,2		18	0,07–0,21	±0,05	±0,15		☹	☹	☹	☹		☹	☹	☹	☹			☹	☹	
	DX18-3E300N02-CE4	3	0,2		18	0,09–0,33	±0,05	±0,15		☹	☹	☹	☹		☹	☹	☹	☹			☹	☹	
	DX18-2E200R6-CE4	2	0,2	6	18	0,04–0,12	±0,05	±0,15				☹	☹			☹	☹					☹	☹
	DX18-2E250R6-CE4	2,5	0,2	6	18	0,05–0,15	±0,05	±0,15				☹				☹						☹	
	DX18-3E300R6-CE4	3	0,2	6	18	0,09–0,27	±0,05	±0,15				☹				☹						☹	
	DX18-2E200L6-CE4	2	0,2	6	18	0,04–0,12	±0,05	±0,15				☹	☹			☹	☹					☹	☹
	DX18-2E250L6-CE4	2,5	0,2	6	18	0,05–0,15	±0,05	±0,15				☹				☹						☹	
	DX18-3E300L6-CE4	3	0,2	6	18	0,09–0,27	±0,05	±0,15				☹				☹						☹	
	DX18-3F300N02-CE4	3	0,2		18	0,09–0,33	±0,05	±0,15				☹				☹						☹	
	DX18-2E100R00-GD8	1	0		18	0,05–0,10	±0,05	±0,15			☹				☹						☹		
	DX18-2E120R00-GD8	1,2	0		18	0,05–0,10	±0,05	±0,15			☹				☹						☹		
	DX18-2E140R00-GD8	1,4	0,2		18	0,05–0,10	±0,05	±0,15			☹				☹						☹		
	DX18-2E100L00-GD8	1	0		18	0,05–0,10	±0,05	±0,15			☹				☹						☹		
	DX18-2E120L00-GD8	1,2	0		18	0,05–0,10	±0,05	±0,15			☹				☹						☹		
	DX18-2E140L00-GD8	1,4	0		18	0,05–0,10	±0,05	±0,15			☹				☹						☹		
	DX18-2E200N02-GD6	2	0,2		18	0,04–0,14	±0,05	±0,15			☹	☹			☹	☹					☹	☹	
	DX18-2E250N02-GD6	2,5	0,2		18	0,06–0,20	±0,05	±0,15			☹	☹			☹	☹					☹	☹	
	DX18-3E300N03-GD6	3	0,3		18	0,08–0,21	±0,05	±0,15			☹	☹			☹	☹					☹	☹	
	DX18-4E400N04-GD6	4	0,4		18,5	0,10–0,25	±0,05	±0,15			☹	☹			☹	☹					☹	☹	

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

Radius tolerance r_{Tol} = ±0.05 mm

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

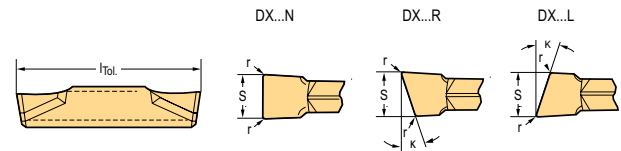
HC = Coated carbide

HF = Uncoated fine-grained carbide

Grooving and parting off – cutting inserts

DX

Tiger-tec® Gold



Cutting inserts

	Designation	s mm	r mm	κ	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P					M			K	N	S						
									HC								HC			HC	HF	HC			
									WSM13G	WKP23S	WSM23G	WSM33G	WSM43G	WSM13G	WSM23G	WSM33G	WSM43G	WKP23S	WN13	WSM13G	WSM23G	WSM33G	WSM43G		
	DX18-2E200N02-GD3	2	0.2		18	0.04–0.15	±0.05	±0.15		☺	☺	☺	☺		☺	☺					☺	☺			
	DX18-2E250N02-GD3	2.5	0.2		18	0.04–0.17	±0.05	±0.15		☺	☺	☺	☺		☺	☺					☺	☺			
	DX18-3E300N03-GD3	3	0.3		18	0.06–0.21	±0.05	±0.15		☺	☺	☺	☺		☺	☺					☺	☺			
	DX18-4E400N04-GD3	4	0.4		18.5	0.10–0.23	±0.05	±0.15		☺	☺	☺	☺		☺	☺					☺	☺			

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

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

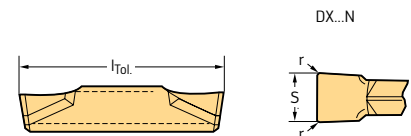
HC = Coated carbide

HF = Uncoated fine-grained carbide

Grooving and recessing – cutting inserts

DX

Tiger-tec® Gold



Cutting inserts

Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	h _{Tol} mm	P				M				K				S			
								HC				HC				HC				HC			
								WKP23S	WSM23G	WSM33G	WSM43G	WSM13G	WSM23G	WSM33G	WSM43G	WKP13S	WKP23S	WKP33S	WSM33G	WSM13G	WSM23G	WSM33G	WSM43G
 DX18-1E160N01-UF8	1,6	0,1	18	0,05–0,17	0,3–1,0	±0,02	±0,15	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
DX18-1E170N01-UF8	1,7	0,1	18	0,05–0,17	0,3–1,0	±0,02	±0,15	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
DX18-1E185N01-UF8	1,85	0,1	18	0,05–0,22	0,3–1,0	±0,02	±0,15	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
DX18-1E196N01-UF8	1,96	0,1	18	0,05–0,22	0,3–1,2	±0,02	±0,15	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
DX18-2E200N02-UF8	2	0,2	18	0,05–0,22	0,3–1,2	±0,02	±0,15	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
DX18-2E225N01-UF8	2,25	0,1	18	0,05–0,22	0,3–1,3	±0,02	±0,15	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
DX18-2E275N01-UF8	2,75	0,1	18	0,06–0,22	0,3–1,3	±0,02	±0,15	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
DX18-3E300N02-UF8	3	0,2	18	0,07–0,24	0,4–1,5	±0,02	±0,15	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
DX18-3E318N02-UF8	3,18	0,2	18	0,07–0,24	0,4–1,5	±0,02	±0,15	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
DX18-3E325N01-UF8	3,25	0,1	18	0,07–0,24	0,4–1,6	±0,02	±0,15	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
DX18-4E400N04-UF8	4	0,4	18	0,09–0,30	0,5–2,2	±0,02	±0,15	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
DX18-4E425N02-UF8	4,25	0,2	18	0,09–0,30	0,5–2,2	±0,02	±0,15	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
 DX18-2E200N02-UF7	2	0,2	18	0,05–0,22	0,3–1,2	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
DX18-3E300N02-UF7	3	0,2	18	0,07–0,24	0,4–1,5	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
DX18-4E400N02-UF7	4	0,2	18	0,09–0,30	0,3–2,2	±0,05	±0,15	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺

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

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

HC = Coated carbide

WALTER SELECT

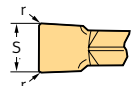
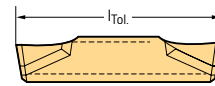
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Grooving and recessing – cutting inserts

DX

Tiger-tec® Gold

DX...N



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P				M				K				S			
									HC				HC				HC				HC			
									WKP23S	WSM23G	WSM33G	WSM43G	WSM13G	WSM23G	WSM33G	WSM43G	WKP13S	WKP23S	WKP33S	WSM33G	WSM13G	WSM23G	WSM33G	WSM43G
	DX18-2E200N02-UF4	2	0.2	18	0.10–0.18	0.3–1.2	±0.05	±0.15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DX18-2E239N02-UF4	2.39	0.2	18	0.10–0.15	0.3–0.0	±0.05	±0.15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DX18-2E250N02-UF4	2.5	0.2	18	0.10–0.21	0.3–1.3	±0.05	±0.15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DX18-3E300N03-UF4	3	0.3	18	0.10–0.23	0.4–2.0	±0.05	±0.15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DX18-4E400N02-UF4	4	0.2	18.5	0.10–0.33	0.3–2.8	±0.05	±0.15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DX18-4E400N04-UF4	4	0.4	18.5	0.10–0.33	0.5–2.8	±0.05	±0.15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DX18-4E400N08-UF4	4	0.8	18.5	0.10–0.33	0.9–2.8	±0.05	±0.15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DX18-4F400N04-UF4	4	0.4	18.5	0.10–0.33	0.5–2.8	±0.05	±0.15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DX18-2E200N02-UD4	2	0.2	18	0.10–0.18	0.3–1.2	±0.05	±0.15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DX18-3E300N03-UD4	3	0.3	18	0.10–0.23	0.4–2.0	±0.05	±0.15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DX18-4E400N04-UD4	4	0.4	18.5	0.10–0.33	0.5–2.8	±0.05	±0.15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DX18-4E400N08-UD4	4	0.8	18.5	0.10–0.33	0.9–2.8	±0.05	±0.15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DX18-2E200N02-UA4	2	0.2	18	0.08–0.18	0.3–1.2	±0.05	±0.15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DX18-3E300N03-UA4	3	0.3	18	0.10–0.25	0.4–2.0	±0.05	±0.15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DX18-4E400N04-UA4	4	0.4	18.5	0.10–0.38	0.5–2.8	±0.05	±0.15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DX18-4E400N08-UA4	4	0.8	18.5	0.10–0.38	0.9–2.8	±0.05	±0.15	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

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

HC = Coated carbide

Radius tolerance r_{Tol} = ±0.05 mm

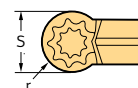
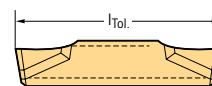
Ordering example for the grade WSM23G: DX18-1E160N01-UF8 WSM23G

Grooving and copy turning – cutting inserts

DX

Tiger-tec® Gold

DX...N



A2

Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P				M				K		S	
									HC				HC				HC		HC	
									WSM13G	WKP23S	WSM23G	WSM33G	WSM13G	WSM23G	WSM33G		WKP23S	WSM13G	WSM23G	WSM33G
	DX18-3E300N15-RF8	3	1,5	18	0,08–0,26	0,1–1,0	±0,02	±0,15	☹		☹		☹	☹			☹	☹		
	DX18-2E200N10-RF7	2	1	18,3	0,08–0,26	0,1–1,0	±0,05	±0,15	☺		☺		☺	☺			☺	☺		
	DX18-3E300N15-RF7	3	1,5	18,3	0,10–0,33	0,1–1,5	±0,05	±0,15	☺		☺		☺	☺			☺	☺		
	DX18-4E400N20-RF7	4	2	18,5	0,12–0,48	0,1–2,0	±0,05	±0,15			☺		☺	☺				☺		
	DX18-2E200N10-RD4	2	1	18,3	0,08–0,28	0,2–1,0	±0,05	±0,15		☹	☹	☹	☹	☹			☹	☹	☹	☹
	DX18-2E239N12-RD4	2,39	1,2	18,3	0,08–0,25	0,2–1,0	±0,05	±0,15			☹	☹		☹	☹				☹	☹
	DX18-3E300N15-RD4	3	1,5	18,3	0,10–0,38	0,5–1,5	±0,05	±0,15			☹	☹	☹	☹				☹	☹	☹

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

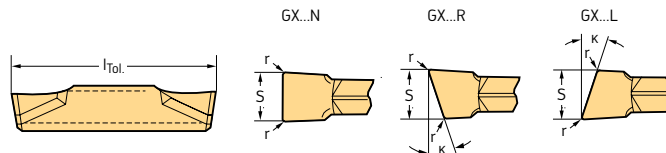
Ordering example for the grade WSM13G: DX18-3E300N15-RF8 WSM13G

HC = Coated carbide

Grooving and parting off – cutting inserts

GX

Tiger-tec® Gold



Cutting inserts

	Designation	s mm	r mm	K	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P			M		K		S	
									HC	HC	HC	HC	HC	HC	HC	HC	HC
	GX34-2E300N03-CF5	3	0.3		34	0.08–0.20	±0.05	±0.15	WKP23S	WSM33G	WSM43G	WSM33G	WSM43G	WKP23S	WSM33G	WSM43G	
	GX34-3E400N04-CF5	4	0.4		34	0.10–0.22	±0.05	±0.15									
	GX34-2E300R6-CF5	3	0.3	6	34	0.04–0.16	±0.05	±0.15									
	GX34-2E300L6-CF5	3	0.3	6	34	0.04–0.16	±0.05	±0.15									
	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									
	GX34-2E300N03-GD6	3	0.3		34	0.08–0.20	±0.05	±0.15									
	GX34-3E400N04-GD6	4	0.4		34	0.10–0.22	±0.05	±0.15									

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

Radius tolerance r_{Tol} = ±0.05 mm

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

Ordering example for the grade WSM33G: GX34-2E300N03-CF5 WSM33G

HC = Coated carbide

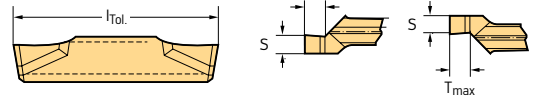
WALTER SELECT

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

Grooving and parting off – cutting inserts

GX

Tiger-tec® Gold



Cutting inserts

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

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

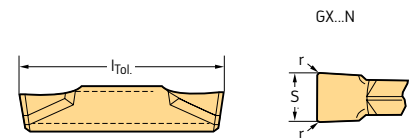
Ordering example for the grade WSM23G: GX09-1E100R00-GD8 WSM23G

HC = Coated carbide

Grooving and recessing – cutting inserts

GX

Tiger-tec® Gold



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P			M			S		
									HC	HC	HC	HC	HC	HC	HC	HC	HC
	GX09-0E170N01-UF8	1,7	0,1	9	0,05–0,15	0,3–0,8	±0,02	±0,03	WSM23G	WSM33G	WSM43G	WSM23G	WSM33G	WSM43G	WSM23G	WSM33G	WSM43G
	GX09-0E196N01-UF8	1,96	0,1	9	0,05–0,15	0,3–0,8	±0,02	±0,03	WSM23G	WSM33G	WSM43G	WSM23G	WSM33G	WSM43G	WSM23G	WSM33G	WSM43G
	GX09-1E225N01-UF8	2,25	0,1	9	0,05–0,20	0,3–1,0	±0,02	±0,03	WSM23G	WSM33G	WSM43G	WSM23G	WSM33G	WSM43G	WSM23G	WSM33G	WSM43G
	GX09-1E275N01-UF8	2,75	0,1	9	0,05–0,22	0,3–1,3	±0,02	±0,03	WSM23G	WSM33G	WSM43G	WSM23G	WSM33G	WSM43G	WSM23G	WSM33G	WSM43G
	GX09-2E325N01-UF8	3,25	0,1	9	0,07–0,24	0,4–1,5	±0,02	±0,03	WSM23G	WSM33G	WSM43G	WSM23G	WSM33G	WSM43G	WSM23G	WSM33G	WSM43G
	GX09-1E200N02-UF4	2	0,2	9	0,10–0,15	0,3–1,0	±0,05	±0,15	WSM23G	WSM33G	WSM43G	WSM23G	WSM33G	WSM43G	WSM23G	WSM33G	WSM43G
	GX09-2E300N03-UF4	3	0,3	9	0,10–0,20	0,4–1,5	±0,05	±0,15	WSM23G	WSM33G	WSM43G	WSM23G	WSM33G	WSM43G	WSM23G	WSM33G	WSM43G

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

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

HC = Coated carbide

WALTER SELECT

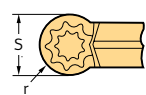
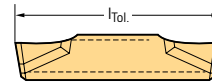
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Grooving and copy turning – cutting inserts

GX

Tiger-tec® Gold

GX...N



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a _p mm	S _{Tol} mm	l _{Tol} mm	P	M	S
									HC	HC	HC
	GX09-1E200N10-RF8	2	1	9	0,05–0,17	0,1–1,0	±0,02	±0,02	WSM23G	WSM23G	WSM23G
	GX09-1E239N12-RF8	2,39	1,2	9	0,05–0,20	0,2–1,2	±0,02	±0,02	WSM23G	WSM23G	WSM23G

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

Radius tolerance r_{Tol} = ±0.05 mm

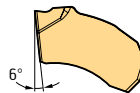
Ordering example for the grade WSM23G: GX09-1E200N10-RF8 WSM23G

HC = Coated carbide

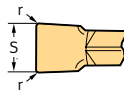
Grooving and parting off – cutting inserts

SX

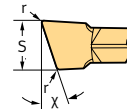
Tiger-tec® Gold



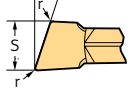
SX...N



SX...R



SX...L



A2

Cutting inserts

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

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

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

HC = Coated carbide

HW = Uncoated carbide

WALTER SELECT

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

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

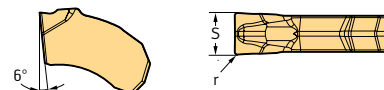
Cutting inserts

115

Grooving and recessing – cutting inserts

SX

Tiger-tec® Gold



Cutting inserts

Designation	s mm	r mm	l mm	f mm	S _{Tol} mm	l _{Tol} mm	P	M	K	S
							HC	HC	HC	HC
							WKP23S WSM33G WSM43G	WSM33G WSM43G	WKP23S WSM33G WSM43G	WSM33G WSM43G
 SX-8E800N08-UF4	8	0,8	17,4	0,18–0,55	±0,05	±0,1	  	  	  	  

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

Radius tolerance r_{Tol} = ±0.05 mm

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

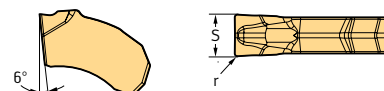
Ordering example for the grade WSM33G: SX-8E800N08-UF4 WSM33G

HC = Coated carbide

Slitting – cutting inserts

SX

Tiger-tec® Gold



Cutting inserts

Designation	s mm	r mm	f mm	S _{Tol} mm	l _{Tol} mm	P	M	N	S
						HC	HC	HW	HC
						WSM33G WSM43G	WSM33G WSM43G	WK1	WSM33G WSM43G
 SX-1E150N01-SK8	1,5	0,1	0,03–0,08	±0,02	±0,05	  	  	  	 
SX-2E200N02-SK8	2	0,2	0,05–0,10	±0,02	±0,05	  	  	  	 
SX-3E300N02-SK8	3	0,2	0,05–0,15	±0,02	±0,05	  	  	  	 
SX-4E400N02-SK8	4	0,2	0,05–0,20	±0,02	±0,05	  	  	  	 
SX-5E500N04-SK8	5	0,4	0,05–0,25	±0,02	±0,05	  	  	  	 
 SX-1E150N01-SF5	1,5	0,15	0,03–0,10	±0,05	±0,1	  	  	  	 
SX-2E200N02-SF5	2	0,2	0,06–0,15	±0,05	±0,1	  	  	  	 
SX-3E300N02-SF5	3	0,2	0,08–0,20	±0,05	±0,1	  	  	  	 
SX-4E400N02-SF5	4	0,2	0,10–0,22	±0,05	±0,1	  	  	  	 
SX-5E500N04-SF5	5	0,4	0,10–0,25	±0,05	±0,1	  	  	  	 

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

Radius tolerance r_{Tol} = ±0.05 mm

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

HC = Coated carbide

HW = Uncoated carbide

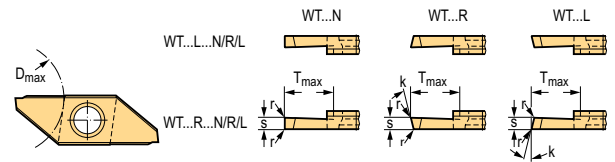
WALTER SELECT

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

Grooving and parting off – cutting inserts

WT

Walter Cut



A2

Cutting inserts

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

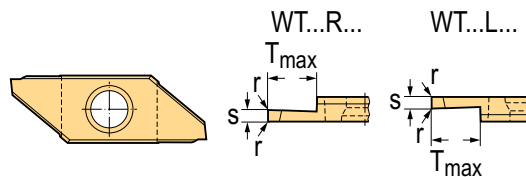
Ordering example for the grade WSM23X: WT26-R070N00-CD8 WSM23X

 HC = Coated carbide
 HW = Uncoated carbide

Grooving and parting off – cutting inserts

WT

Walter Cut



Cutting inserts

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

HC = Coated carbide

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

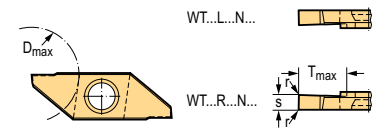
WALTER SELECT

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

Grooving and recessing – cutting inserts

WT

Walter Cut



Cutting inserts

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

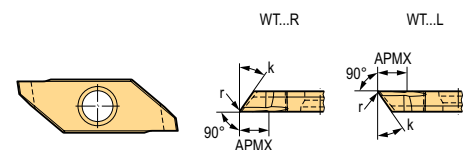
HC = Coated carbide

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

Forward turning - cutting inserts

WT

Walter Cut



Cutting inserts

	Designation	s mm	r mm	k	l mm	f mm	APMX mm	S _{Tol} mm	l _{Tol} mm	P	M	N	S
										HC	HC	HW	HC
	WT26-R300L003-DG8	3	0,03	35	25	0,02–0,10	4	±0,02	±0,03	WSM23X	WSM23X	WN23	WSM23X
	WT26-R300L005-DG8	3	0,05	35	25	0,02–0,13	4	±0,02	±0,03	WSM23X	WSM23X	WN23	WSM23X
	WT26-R300L010-DG8	3	0,1	35	25	0,02–0,14	4	±0,02	±0,03	WSM23X	WSM23X	WN23	WSM23X
	WT26-R300L020-DG8	3	0,2	35	25	0,02–0,16	4	±0,02	±0,03	WSM23X	WSM23X	WN23	WSM23X

HC = Coated carbide

HW = Uncoated carbide

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

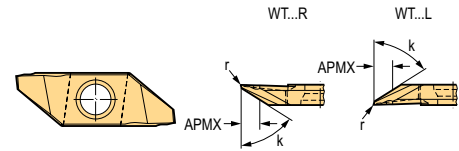
WALTER SELECT

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

Reverse turning - cutting inserts

WT

Walter Cut



Cutting inserts

	Designation	s mm	r mm	k	l mm	f mm	APMX mm	STol mm	lTol mm	P	M	N	S
										HC	HC	HW	HC
	WT26-R300R003-VG8	3	0.03	59	25	0.02-0.10	4	±0.02	±0.03	WSM23X	WSM23X	WN23	WSM23X
	WT26-R300R005-VG8	3	0.05	59	25	0.02-0.13	4	±0.02	±0.03	☹	☹	☹	☹
	WT26-R300R010-VG8	3	0.1	59	25	0.02-0.14	4	±0.02	±0.03	☹	☹	☹	☹
	WT26-R300R020-VG8	3	0.2	59	25	0.02-0.16	4	±0.02	±0.03	☹	☹	☹	☹

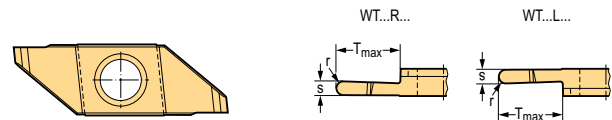
Ordering example for the grade WN23: WT26-R300R003-VG8 WN23

HC = Coated carbide
HW = Uncoated carbide

Grooving and copy turning – cutting inserts

WT

Walter Cut



Cutting inserts

	Designation	s mm	r mm	T _{max} mm	l mm	f mm	STol mm	lTol mm	P	M	S
									HC	HC	HC
	WT26-L125N06-RA8	1.25	0.63	5	25	0.02-0.12	±0.02	±0.03	WSM23X	WSM23X	WSM23X
	WT26-L160N08-RA8	1.6	0.8	7.5	25	0.02-0.14	±0.02	±0.03	☹	☹	☹

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

HC = Coated carbide

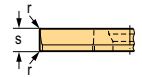
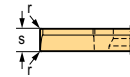
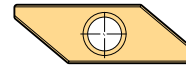
Semi-finished blanks for special shapes

WT

WT...R...

WT...L...

A2



Cutting inserts

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

Ordering example for the grade WMG40: WT26-L300N00N WMG40

HW = Uncoated carbide

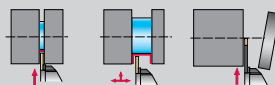
Shank tools/parting blades

A2

System



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

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G3011

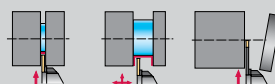
G3011-P

G3021-P

System



Machining



G3051...-P



G4014



G4014...-P

Designation

Insert width s [mm]

0,5–3,25

1–3

2–3

Cutting depth T_{max} [mm]

6

17,5

17,5

Coolant supply

Precision cooling

External

Precision cooling

Shank size h [mm]

12–25

10–20

12–20

Shank size h [Inch]

0,625–1,000

0,500–0,625

0,500–0,750

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G3051-P

G4014

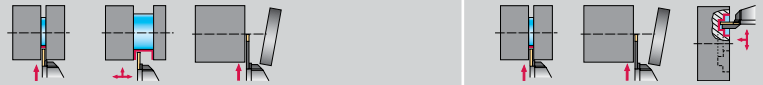
G4014-P

Shank tools/parting blades

System



Machining



G4011



G4011...-P



G4511

Designation

Insert width s [mm]	2-4	2-4	2-6
Cutting depth $T_{\max}$ [mm]	17	17	5
Coolant supply	External	Precision cooling	External
Shank size h [mm]	16-25	20-25	12-25
Shank size h [Inch]	0,750-1,000	1,000	

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QR code



G4011



G4011-P



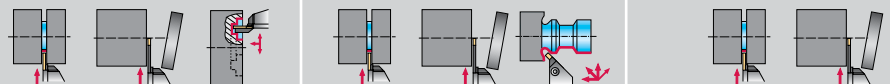
G4511

www.walter-tools.com/woc/

System



Machining



G4521



G4551



G4041

Designation

Insert width s [mm]	2-6	2-6	1,5-3
Cutting depth $T_{\max}$ [mm]	5	5	21
Coolant supply	External	External	External
Shank size h [mm]	20-25	20-25	26-32
Shank size h [Inch]			

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QR code



G4521



G4551



G4041

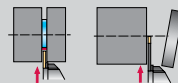
www.walter-tools.com/woc/

Shank tools/parting blades

System



Machining



G4041...-P



G4041...C



G4041...C-P

Designation

Insert width s [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]			

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www.walter-tools.com/woc/

G4041-P

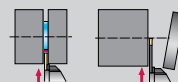
G4041-C

G4041-C-P

System



Machining



G4042...N



G4042...N...-P



G4634-P

Designation

Insert width s [mm]	1,5-4	3	2-3
Cutting depth T_{max} [mm]	40	40	16
Coolant supply	External	Precision cooling	Precision cooling
Shank size h [mm]	26-32	26-32	E33
Shank size h [Inch]			

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G4042-N

G4042-N-P

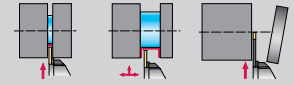
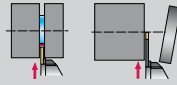
G4634-P

Shank tools/parting blades

System



Machining



Designation



G4635



G4635-P



G1011

Insert width s [mm]

1,5–3

2–2,5

2–8

Cutting depth $T_{\max}$ [mm]

17

16

38

Coolant supply

External

Precision cooling

External

Shank size h [mm]

E30

E33

16–32

Shank size h [Inch]

0,625–1,500

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G4635

G4635-P

G1011

System



Machining



G1011...-P



G1511



G1511...-P

Designation

Insert width s [mm]

2–8

2–6

2–6

Cutting depth $T_{\max}$ [mm]

33

6

6

Coolant supply

Precision cooling

External

Precision cooling

Shank size h [mm]

16–32

20–25

16–25

Shank size h [Inch]

0,750–1,000

0,750–1,000

1,000

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G1011-P

G1511

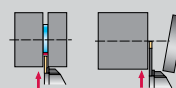
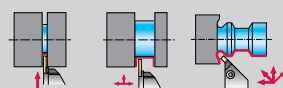
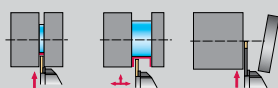
G1511-P

Shank tools/parting blades

System



Machining



G1521



G1551



G1041

Designation

Insert width s [mm]	2–6	2–6	2–4
Cutting depth $T_{\max}$ [mm]	6	6	32
Coolant supply	External	External	External
Shank size h [mm]	20–25	20–25	26–32
Shank size h [Inch]	0,750–1,000	0,750–1,000	

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G1521

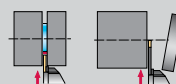
G1551

G1041

System



Machining



G1041...-P



G1041...C



G1041...C-P

Designation

Insert width s [mm]	3–4	2–4	2–4
Cutting depth $T_{\max}$ [mm]	33	32	33
Coolant supply	Precision cooling	External	Precision cooling
Shank size h [mm]	26–32	26–32	26–32
Shank size h [Inch]			

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G1041-P

G1041-C

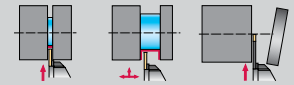
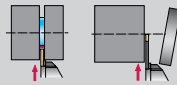
G1041-C-P

Shank tools/parting blades

System



Machining



G1042



XLCFN



MSS...E...

Designation

Insert width s [mm]	2–6	3–6	0,6–8
Cutting depth T_{max} [mm]	60	21	21
Coolant supply	External	External	External
Shank size h [mm]	26–32	32	E16–E32
Shank size h [Inch]			

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G1042

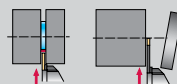
XLCFN

MSS-E

System



Machining



G1332



G1634-P



G1111

Designation

Insert width s [mm]	3	2–4	3–6
Cutting depth T_{max} [mm]	15	33	25
Coolant supply		Precision cooling	External
Shank size h [mm]	EXT	E33–E43	25
Shank size h [Inch]			1,000

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www.walter-tools.com/woc/

G1332

G1634-P

G1111

Shank tools/parting blades

System



Machining



G1111...-P



MSS...E...A



MSS...E...C

Designation

Insert width s [mm]	5	3-6	4-6
Cutting depth T_{max} [mm]	33	15	25
Coolant supply	Precision cooling	External	External
Shank size h [mm]	25	E20-E32	E25
Shank size h [Inch]			

Page in catalogue

QR code


www.walter-tools.com/woc/

G1111-P

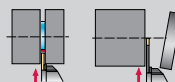
MSS-E-A

MSS-E-C

System



Machining



G2012



G2012...-P



G2042...R/L

Designation

Insert width s [mm]	1,5-3	2-6	1,5-4
Cutting depth T_{max} [mm]	33	40	33
Coolant supply	External	Internal	External
Shank size h [mm]	20-25	12-25	26-32
Shank size h [Inch]	0,750-1,000	0,500-1,000	

Page in catalogue

QR code


www.walter-tools.com/woc/

G2012

G2012-P

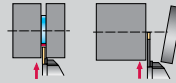
G2042-R-L

Shank tools/parting blades

System



Machining



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



G2042...R/L...C



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

Designation

Insert width s [mm]	2-4	4	2-4
Cutting depth $T_{\max}$ [mm]	33	33	33
Coolant supply	Precision cooling	External	Precision cooling
Shank size h [mm]	26-32	32	26-32
Shank size h [Inch]			

Page in catalogue

QR code


www.walter-tools.com/woc/

G2042-R-L-P

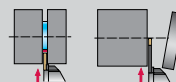
G2042-R-L-C

G2042-R-L-C-P

System



Machining



G2042...N



G2042...N...-P



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

Designation

Insert width s [mm]	2-6	3-10	2-8
Cutting depth $T_{\max}$ [mm]	80	100	45
Coolant supply	External	Precision cooling	External
Shank size h [mm]	26-46	26-52	E20-E32
Shank size h [Inch]			

Page in catalogue

QR code


www.walter-tools.com/woc/

G2042-N

G2042-N-P

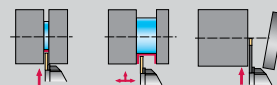
G2632

Shank tools/parting blades

System



Machining



Designation

G2016...-P

MSS-...00

MSS-...90

Insert width s [mm]

12–19

Cutting depth T_{max} [mm]

41

Coolant supply

Precision cooling

External

External

Shank size h [mm]

25–32

16–32

20–32

Shank size h [Inch]

0,625–1,250

0,750–1,250

Page in catalogue

QR code


www.walter-tools.com/woc/

G2016-P

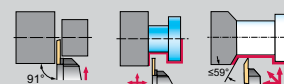
MSS-00

MSS-90

System



Machining



NEW

Designation

G2661...-P

SBN

W2011

Insert width s [mm]

0,5–3

Cutting depth T_{max} [mm]

8,5

Coolant supply

Internal

External

External

Shank size h [mm]

16–40

20–40

10–16

Shank size h [Inch]

0,750–1,500

0,750–1,250

0,500–0,625

Page in catalogue

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QR code

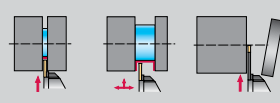

www.walter-tools.com/woc/

G2661-P

SBN

W2011

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

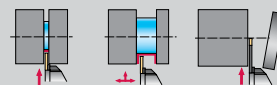
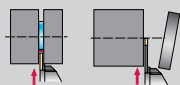
System	 GX..		
Machining			
Designation	 MSS...E...	 MSS...E...A	 MSS...E...C
Insert width s [mm]	0,6–8	3–6	4–6
Cutting depth T _{max} [mm]	21	15	25
Coolant supply	External	External	External
Walter Capto™ size	E16–E32	E20–E32	E25
Page in catalogue			
QR code			
www.walter-tools.com/woc/	MSS-E	MSS-E-A	MSS-E-C

Walter Capto™ groove turning holders

System



Machining



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



C...-MSS



C...-MSS...90

Designation

Insert width s [mm]	2–8		
Cutting depth $T_{\max}$ [mm]	45		
Coolant supply	External	Internal	Internal
Walter Capto™ size	E20–E32	C3–C6	C4–C6

Page in catalogue

QR code

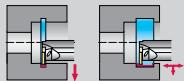

www.walter-tools.com/woc/

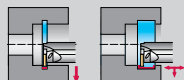
G2632

C-MSS

C-MSS-90

Boring bars – Internal grooving

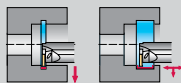
System	 MX..	 DX..	 GX..
Machining			
Designation	G3221...-P	G4221...-P	I12
Insert width s [mm]	0,5–3,25	2–4	2–2,5
Cutting depth T_{max} [mm]	4	10	3
Coolant supply	Precision cooling	Precision cooling	External
Boring bar $\varnothing d_1$ [mm]	32	25–32	16
Boring bar $\varnothing d_1$ [inch]		0,959–1,250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

System	 GX..		
Machining			
Designation	G1221...-P	MSS...I...	MSS...I...90-1.5
Insert width s [mm]	2–6	0,6–6	
Cutting depth T_{max} [mm]	12	19	
Coolant supply	Precision cooling	External	Internal
Boring bar $\varnothing d_1$ [mm]	16–40	116–140	20–40
Boring bar $\varnothing d_1$ [inch]	0,602–1,500		0,039–1,500
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 $\varnothing d_1$ [mm]

20–50

Boring bar $\varnothing d_1$ [inch]

0,039–2,000

Page in catalogue

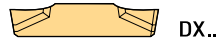
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www.walter-tools.com/woc/

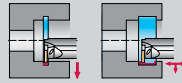
MSS-I-2-5

Exchangeable head QuadFit – Internal grooving

System



Machining



Designation

G4221-Q...-P

Insert width s [mm]

3–4

Cutting depth $T_{\max}$ [mm]

21

Coolant supply

Precision cooling

QuadFit size

Q32–Q50

Page in catalogue

QR code


www.walter-tools.com/woc/

G4221-Q-P

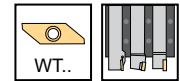
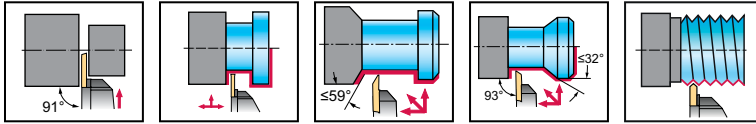
Shank tool – Radial grooving

W2011 mm

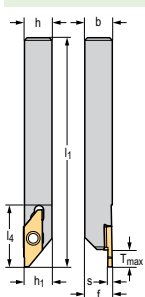
Walter Cut



- Screw clamping
- For Swiss Machining



Tool



Designation

s
mm

T_{max}
mm

h = h₁
mm

b
mm

f
mm

l₁
mm

l₄
mm

Type

★ W2011-1010R-WT26

★ W2011-1212R-WT26

★ W2011-1616R-WT26

★ W2011-1010L-WT26

★ W2011-1212L-WT26

★ W2011-1616L-WT26

0.5 - 3

9

10

10

10

125

27

WT26..

9

12

12

12

125

27

9

16

16

16

125

27

0.5 - 3

9

10

10

10

125

27

WT26..

9

12

12

12

125

27

9

16

16

16

125

27

Square shank

Dimensional drawing shows right-hand version. | Bodies and assembly parts are included in the scope of delivery

Assembly parts

s [mm]

0.5 - 3


Clamping screw for grooving insert
Tightening torque

FS2675 (8IP)
1,2 Nm


Allen key

FS2672 (T8IP)

Shank tool – Radial grooving

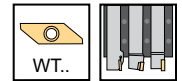
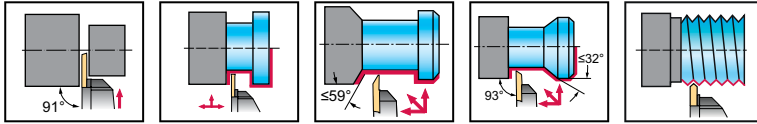
W2011 inch

Walter Cut

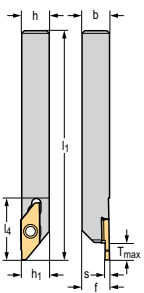


A2

- Screw clamping
- For Swiss Machining



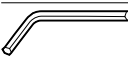
Tool

	Designation	s inch	T _{max} inch	h = h ₁ inch	b inch	f inch	l ₁ inch	l ₄ inch	Type
	★ W2011.08R-WT26	0,020 - 0,118	0,335	0,500	0,500	0,500	5,000	1,063	WT26..
	★ W2011.10R-WT26		0,335	0,625	0,625	624,999	5,000	1,063	
	★ W2011.08L-WT26	0,020 - 0,118	0,335	0,500	0,500	0,500	5,000	1,063	WT26..
	★ W2011.10L-WT26		0,335	0,625	0,625	624,999	5,000	1,063	

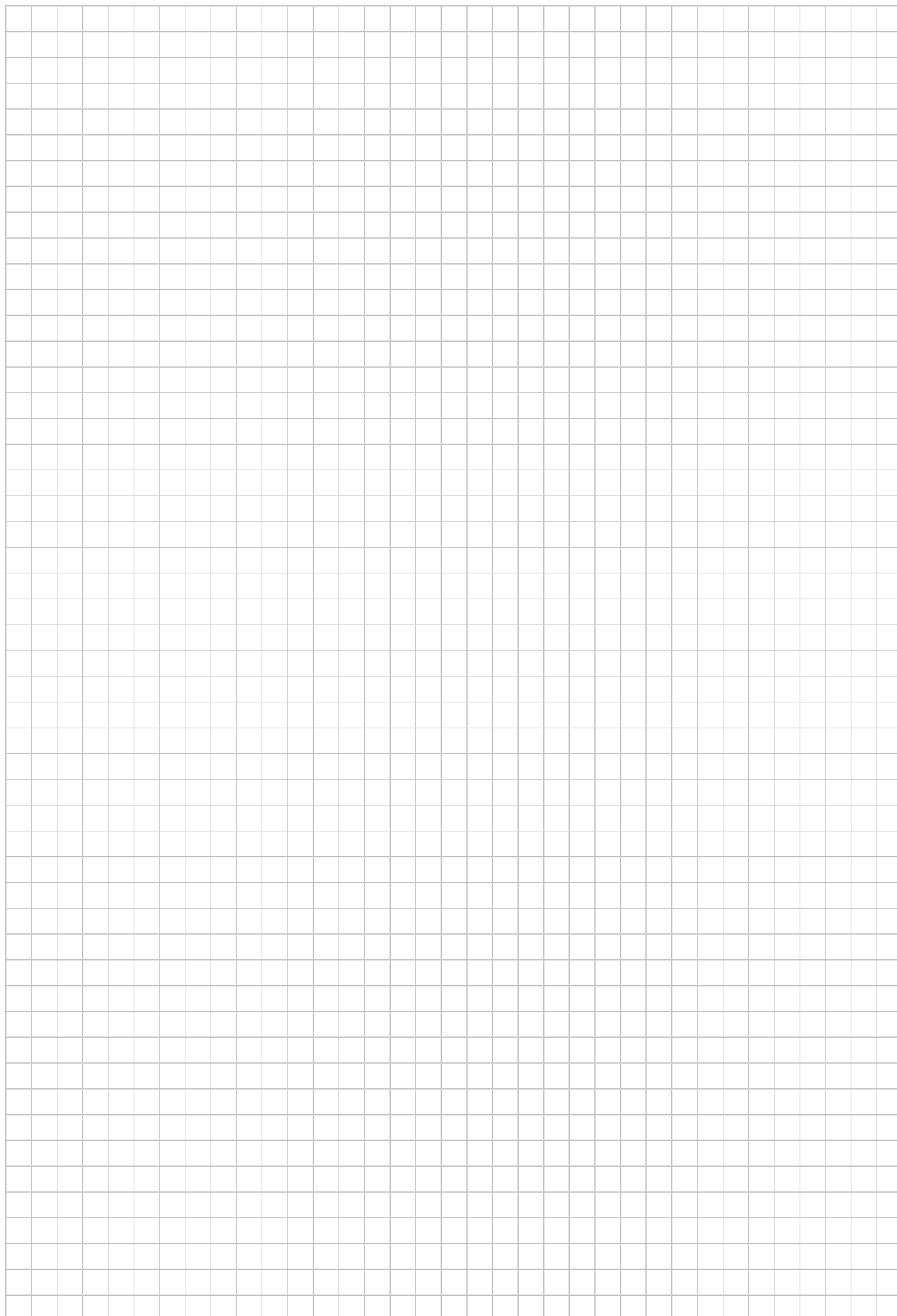
Square shank

Dimensional drawing shows right-hand version. | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [inch]	0.020 - 0.118
	Clamping screw for grooving insert Tightening torque	FS2675 (8IP) 0,885 lbs
	Allen key	FS2672 (T8IP)

A3



Indexable inserts

Machining	Internal machining				
Indexable inserts					
Thread type	55° partial profile	60° partial profile	full profile, American UN 60°	full profile, ISO metric 60°	full profile, Whitworth
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties					
H Hard materials					
O Other	●	●	●	●	●
Pitch P [mm]	0,5–5,0			0,5–5,0	
Pitch in threads per inch [TPI]	5,0–48,0	8,0–27,0	8,0–32,0	5,08–50,8	8,0–28,0
Page in catalogue					
QR code					
	NTS	NTS	NTS	NTS	NTS

Machining	External machining				
Indexable inserts					
Thread type	60° partial profile	full profile, American NPT	full profile, American UN 60°	full profile, ISO metric 60°	full profile, Whitworth
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties					
H Hard materials					
O Other	●	●	●	●	●
Pitch P [mm]	0,5–1,5	0,5–5,0		0,5–5,0	
Pitch in threads per inch [TPI]	16,0–48,0	5,0–48,0	8,0–64,0	5,08–50,8	8,0–48,0
Page in catalogue					
QR code					
	NTS	NTS	NTS	NTS	NTS

WALTER SELECT

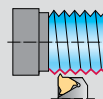
●● Primary application ● Other application

Thread turning tools - external machining

Type



Machining



Designation

NTS-SE

C...-NTS-SE

Version

Square shank

Walter Capto™ in acc. with ISO 26623

Clamping system

Screw

Screw

Coolant supply

External

Internal

Shank size h [mm]

12–40

Shank size h [Inch]

0,500–1,250

Walter Capto™ size

C3–C6

Insert size l [mm]

16–22

16–22

Page in catalogue

QR code


www.walter-tools.com/woc/

NTS-SE

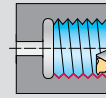
C-NTS-SE

Threading tools - internal machining

Type



Machining



A3



Designation	A...-NTS-I	S...-NTS-I	C...-NTS-SI	T1820-Q...-P
Version	Parallel shank with clamping surface	Parallel shank with clamping surface	Walter Capto™ in acc. with ISO 26623	QuadFit
Clamping system	Screw	Screw	Screw	Lever-type
Coolant supply	Internal	External	Internal	Precision cooling
Boring bar Ø d ₁ [mm]	20	16–40		
Boring bar Ø d ₁ [inch]		0,580–1,340		
Walter Capto™ size			C4–C6	
QuadFit size				Q25–Q50
Insert size l [mm]	11–16	16–22	16–22	16–22
Page in catalogue				

QR code


www.walter-tools.com/woc/

A-NTS-I

S-NTS-I

C-NTS-SI

T1820-Q-P

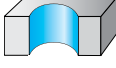


B – Drilling

B1: Drilling from solid		Page
Solid carbide drilling and reaming tools	Product range overview	
	Solid carbide drills – with internal coolant	144
	Solid carbide drills – without internal coolant	155
	Order pages	
	Solid carbide drills – with internal coolant	160
Drilling/chamfering tools	Product range overview	
	Drilling/chamfering tools	178
Indexable inserts for holemaking	Order pages	
	Replaceable inserts	179
	Indexable inserts for holemaking	194
Boring tools with indexable inserts	Product range overview	
	Indexable insert drills	195
	Order pages	
	Drills with indexable inserts	200
HSS drilling and reaming tools	Product range overview	
	HSS drilling and reaming tools	230
Solid carbide and HSS NC centre drills	Solid carbide and HSS NC centre drills	238
Solid carbide and HSS centre drills	Solid carbide and HSS centre drills	240
B2: Boring and precision boring		Page
Tools for boring and precision boring	Product range overview	
	Precision boring	244
	Boring	248
Cartridges	ISO cartridges	252
	Mini cartridges	254
	Precision boring cartridges	256
HSS core drills and countersinkers	HSS core drills and countersinkers	258
B3: Reaming		Page
Solid carbide and HSS reamers	Product range overview	
	Solid carbide and HSS reamers	260

Solid carbide drills with internal coolant

B1

					
					
					
					
					
Drilling depth	2 x D _C	2 x D _C	2 x D _C		3 x D _C



Designation	K5191TFT X-treme Pilot 180 C	DC118 Supreme	DB131 Supreme	DC260 Advance X-treme Evo	DC260 Advance X-treme Evo
Additional services					
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	TFT	WJ30ET	WJ30EL	WJ30ET	WJ30ET
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HE
Diameter range [mm]	4–7	3–20	2–2,95	3,3–14	3,3–14
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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K5191TFT



DC118



DB131



DC260



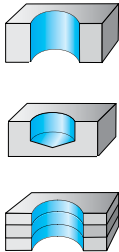
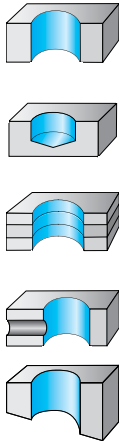
DC260

www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant

		
Drilling depth	3 x D _C	3 x D _C

Selection



Designation	DC180 Supreme X-treme Evo Plus	DC175 Supreme	DC170 Supreme	DC160 Advance X-treme Evo	DC160 Advance X-treme Evo
Additional services					
Standard	DIN 6537 K	DIN 6537 K	DIN 6537 K	DIN 6537 K	DIN 6537 K
Coating / grade	WJ30EZ	WJ30RZ	WJ30EJ	WJ30ET	WJ30ET
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HE
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	●	●		●	●

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www.walter-tools.com/woc/

DC180

DC175

DC170

DC160

DC160

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant

B1

Drilling depth	3 x D _C	5 x D _C	5 x D _C

Selection

Selection



Designation	DC150 Perform	DC150 Perform	DC183 Supreme X-treme Evo 3	DC180 Supreme X-treme Evo Plus	DC175 Supreme
Additional services					
Standard	DIN 6537 K	DIN 6537 K	Walter	Walter	Walter
Coating / grade	WJ30RE	WJ30RE	WJ30EZ	WJ30EZ	WJ30RZ
Shank	DIN 6535 HA	DIN 6535 HE, turned 180° DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–20	3–20	3–16	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	●	●		●	●

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QR code


www.walter-tools.com/woc/

DC150

DC150

DC183

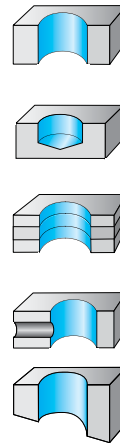
DC180

DC175

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant



Drilling depth

 $5 \times D_C$ 

Designation	DC170 Supreme	DC166 Supreme	DC165 Advance	DC160 Advance X-treme Evo	DC160 Advance X-treme Evo
Additional services					
Standard	DIN 6537 L	DIN 6537 L	Walter	DIN 6537 L	DIN 6537 L
Coating / grade	WJ30EJ	WJ30UU	WJ30UU	WJ30ET	WJ30ET
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HE
Diameter range [mm]	3–20	3–12	4–16	3–25	3–25
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



DC170



DC166



DC165



DC160



DC160

www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant

B1

Drilling depth	5 x D _C	8 x D _C

Selection

Selection



Designation	DC150 Perform	DC150 Perform	DB133 Supreme	DC183 Supreme X-treme Evo 3	DC180 Supreme X-treme Evo Plus
Additional services					
Standard	DIN 6537 L	DIN 6537 L	Walter	Walter	Walter
Coating / grade	WJ30RE	WJ30RE	WJ30EL	WJ30EY	WJ30EY
Shank	DIN 6535 HA	DIN 6535 HE, turned 180° DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–20	3–20	0,7–2,95	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	●	●	●		●

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QR code


www.walter-tools.com/woc/

DC150

DC150

DB133

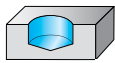
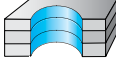
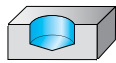
DC183

DC180

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant

	  	    	  
Drilling depth	8 x D _C	8 x D _C	8 x D _C



Designation	DC175 Supreme	DC170 Supreme	DC160 Advance X-treme Evo	DC150 Perform	DB133 Supreme
Additional services					
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30RY	WJ30EJ	WJ30ET	WJ30TA	WJ30ER
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	0,7–2,95
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



DC175



DC170



DC160



DC150

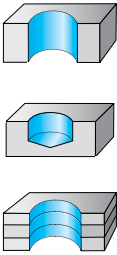


DB133

www.walter-tools.com/woc/

Solid carbide drills with internal coolant

B1

		
Drilling depth	8 x D _C	12 x D _C

NEW



Designation	A3486TIP Alpha® 44	DC180 Supreme X-treme Evo Plus	DC170 Supreme	DC160 Advance X-treme Evo	DC150 Perform
Additional services					
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	TIP	WJ30EY	WJ30EJ	WJ30EU	WJ30TA
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	5–8	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	●	●		●	●

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160

QR code


www.walter-tools.com/woc/

A3486TIP

DC180

DC170

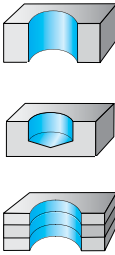
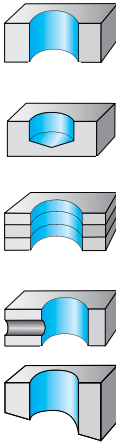
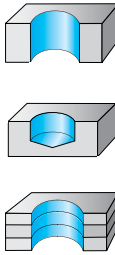
DC160

DC150

WALTER SELECT

●● Primary application ● Other application

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					
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	●		●	●	

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QR code



DB133



DC170



DC160



DB133

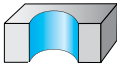
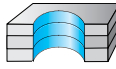
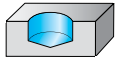
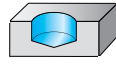
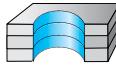
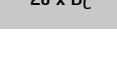


DC170

www.walter-tools.com/woc/

Solid carbide drills with internal coolant

B1

				
				
				
				
				
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					
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	●	●			●

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QR code



DC160



DB133



A6794TFP



DC170



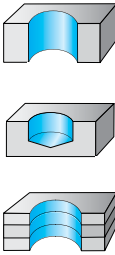
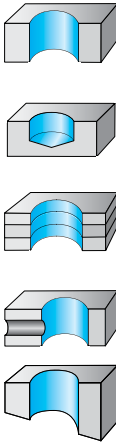
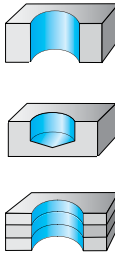
DC160

www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

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					
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	●		●	●	

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DB133



DC170



DC160



DB133



A6994TFP

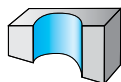
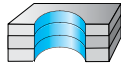
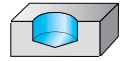
www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant

B1



Drilling depth

 $40 \times D_C$
 $50 \times D_C$


Designation

A7495TTP
X-treme D40

A7595TTP
X-treme D50

Additional services



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

● ●

● ●

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www.walter-tools.com/woc/

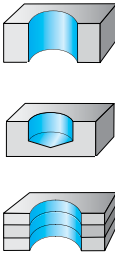
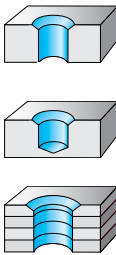
A7495TTP

A7595TTP

WALTER SELECT

● ● Primary application ● Other application

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					
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



DB131



DC260



DC260



DC160



DC160

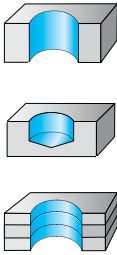
www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills without internal coolant

B1

		
Drilling depth	3 x D _C	3 x D _C



Designation	DC150 Perform	DC150 Perform	DC150 Perform	A1166TIN	A1166
Additional services					
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	3–14	3–18
P Steel	●●	●●	●●	●	●
M Stainless steel	●	●	●		
K Cast iron	●●	●●	●●		
N NF metals	●	●	●		●
S Materials with difficult cutting properties	●	●	●		●
H Hard materials	●	●	●	●	●
O Other	●	●	●		

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www.walter-tools.com/woc/

DC150

DC150

DC150

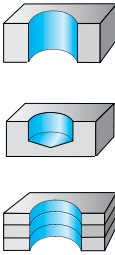
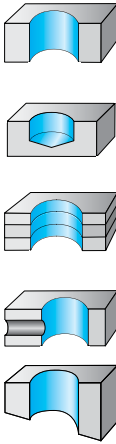
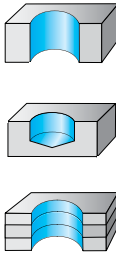
A1166TIN

A1166

WALTER SELECT

●● Primary application ● Other application

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					
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



A1163



DC160



DC160



DC150



DB133

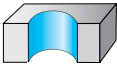
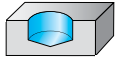
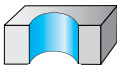
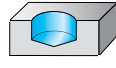
www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills without internal coolant

B1

	  	    	  
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					
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	●●	●	●		●●

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QR code



DB130



A3367



DB133



A1276TFL

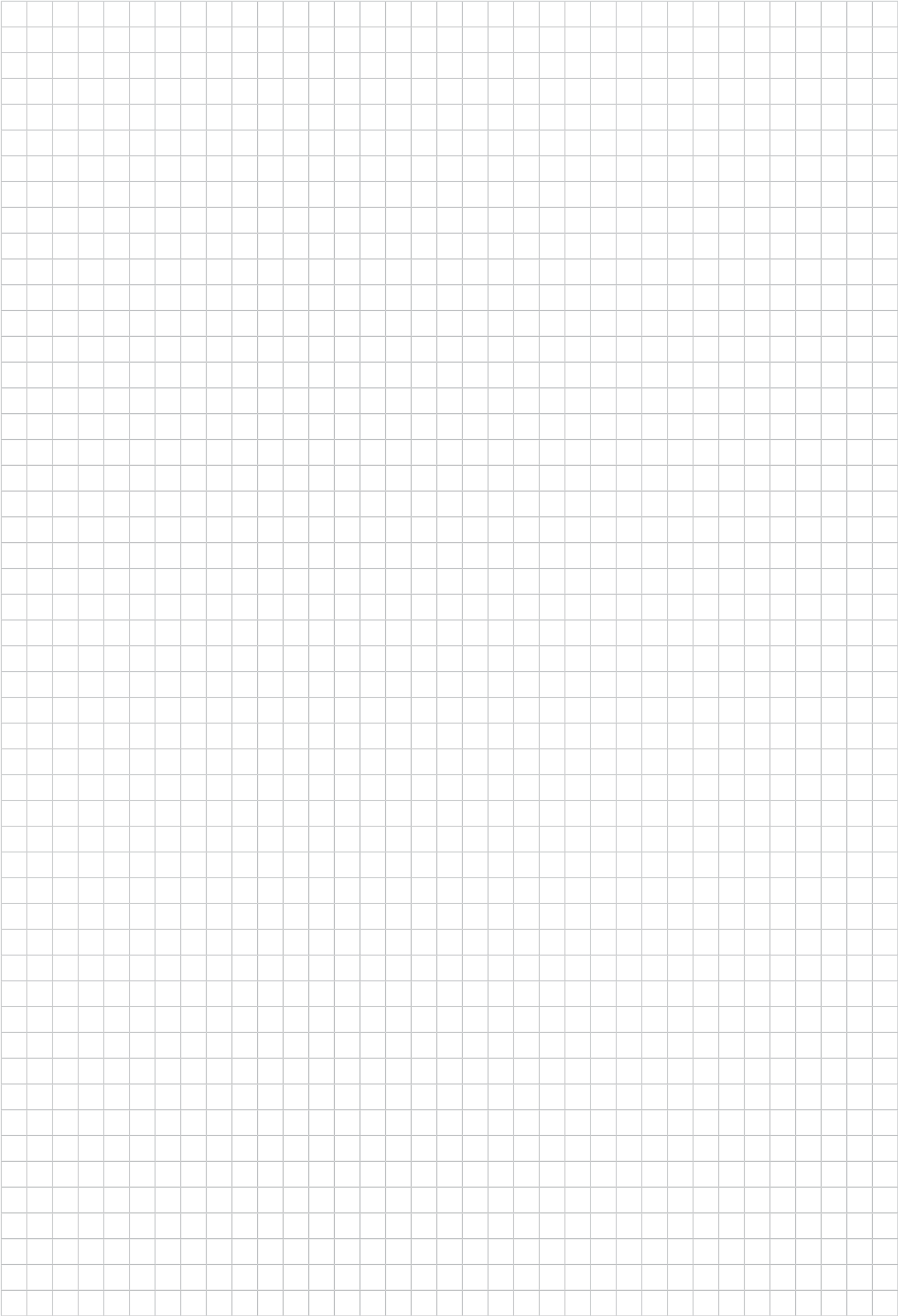


A1263

www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application



B1

Solid carbide drills with coolant-through

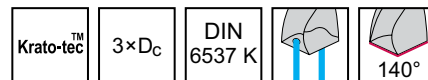
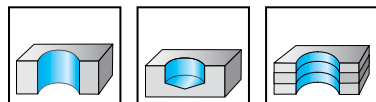
DC180 Supreme

X-treme Evo Plus

Powered by Krato-tec™



– with innovative Krato-tec™ multilayer coating



B1

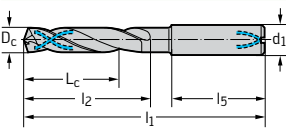
	P	M	K	N	S	H	O
WJ30EZ	●●	●●	●●	●●	●●	●●	●

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EZ
DIN 6535 HA	DC180-03-03.000A1-	3		14	62	20	36	6	●●
	DC180-03-03.100A1-	3,1		14	62	20	36	6	●●
	DC180-03-03.175A1-	3,175	1/8"	14	62	20	36	6	●●
	DC180-03-03.200A1-	3,2		14	62	20	36	6	●●
	DC180-03-03.300A1-	3,3		14	62	20	36	6	●●
	DC180-03-03.400A1-	3,4		14	62	20	36	6	●●
	DC180-03-03.500A1-	3,5		14	62	20	36	6	●●
	DC180-03-03.572A1-	3,572	9/64"	14	62	20	36	6	●●
	DC180-03-03.600A1-	3,6		14	62	20	36	6	●●
	DC180-03-03.700A1-	3,7		14	62	20	36	6	●●
	DC180-03-03.800A1-	3,8		17	66	24	36	6	●●
	DC180-03-03.900A1-	3,9		17	66	24	36	6	●●
	DC180-03-03.969A1-	3,969	5/32"	17	66	24	36	6	●●
	DC180-03-04.000A1-	4		17	66	24	36	6	●●
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	DC180-03-04.200A1-	4,2		17	66	24	36	6	●●
	DC180-03-04.300A1-	4,3		17	66	24	36	6	●●
	DC180-03-04.366A1-	4,366	11/64"	17	66	24	36	6	●●
	DC180-03-04.400A1-	4,4		17	66	24	36	6	●●
	DC180-03-04.500A1-	4,5		17	66	24	36	6	●●
	DC180-03-04.600A1-	4,6		17	66	24	36	6	●●
	DC180-03-04.650A1-	4,65		17	66	24	36	6	●●
	DC180-03-04.700A1-	4,7		17	66	24	36	6	●●
	DC180-03-04.763A1-	4,763	3/16"	20	66	28	36	6	●●
	DC180-03-04.800A1-	4,8		20	66	28	36	6	●●
	DC180-03-04.900A1-	4,9		20	66	28	36	6	●●
	DC180-03-05.000A1-	5		20	66	28	36	6	●●
	DC180-03-05.100A1-	5,1		20	66	28	36	6	●●
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	DC180-03-05.300A1-	5,3		20	66	28	36	6	●●
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	DC180-03-05.500A1-	5,5		20	66	28	36	6	●●
	DC180-03-05.550A1-	5,55		20	66	28	36	6	●●
	DC180-03-05.556A1-	5,556	7/32"	20	66	28	36	6	●●
	DC180-03-05.600A1-	5,6		20	66	28	36	6	●●

Ordering example for the grade WJ30EZ: DC180-03-03.000A1-WJ30EZ

**WALTER
SELECT**

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

Tool		D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EZ
	Designation								
DIN 6535 HA	DC180-03-05.700A1-	5,7		20	66	28	36	6	☺
	DC180-03-05.800A1-	5,8		20	66	28	36	6	☺
	DC180-03-05.900A1-	5,9		20	66	28	36	6	☺
	DC180-03-05.953A1-	5,953	15/64"	20	66	28	36	6	☺
	DC180-03-06.000A1-	6		20	66	28	36	6	☺
	DC180-03-06.100A1-	6,1		24	79	34	36	8	☺
	DC180-03-06.200A1-	6,2		24	79	34	36	8	☺
	DC180-03-06.300A1-	6,3		24	79	34	36	8	☺
	DC180-03-06.350A1-	6,350	1/4"	24	79	34	36	8	☺
	DC180-03-06.400A1-	6,4		24	79	34	36	8	☺
	DC180-03-06.500A1-	6,5		24	79	34	36	8	☺
	DC180-03-06.600A1-	6,6		24	79	34	36	8	☺
	DC180-03-06.700A1-	6,7		24	79	34	36	8	☺
	DC180-03-06.747A1-	6,747	17/64"	24	79	34	36	8	☺
	DC180-03-06.800A1-	6,8		24	79	34	36	8	☺
	DC180-03-06.900A1-	6,9		24	79	34	36	8	☺
	DC180-03-07.000A1-	7		24	79	34	36	8	☺
	DC180-03-07.100A1-	7,1		29	79	41	36	8	☺
	DC180-03-07.144A1-	7,144	9/32"	29	79	41	36	8	☺
	DC180-03-07.200A1-	7,2		29	79	41	36	8	☺
	DC180-03-07.300A1-	7,3		29	79	41	36	8	☺
	DC180-03-07.400A1-	7,4		29	79	41	36	8	☺
	DC180-03-07.500A1-	7,5		29	79	41	36	8	☺
	DC180-03-07.541A1-	7,541	19/64"	29	79	41	36	8	☺
	DC180-03-07.800A1-	7,8		29	79	41	36	8	☺
	DC180-03-07.900A1-	7,9		29	79	41	36	8	☺
	DC180-03-07.938A1-	7,938	5/16"	29	79	41	36	8	☺
	DC180-03-08.000A1-	8		29	79	41	36	8	☺
	DC180-03-08.100A1-	8,1		35	89	47	40	10	☺
	DC180-03-08.200A1-	8,2		35	89	47	40	10	☺
	DC180-03-08.300A1-	8,3		35	89	47	40	10	☺
	DC180-03-08.334A1-	8,334	21/64"	35	89	47	40	10	☺
	DC180-03-08.400A1-	8,4		35	89	47	40	10	☺
	DC180-03-08.500A1-	8,5		35	89	47	40	10	☺
	DC180-03-08.600A1-	8,6		35	89	47	40	10	☺
	DC180-03-08.700A1-	8,7		35	89	47	40	10	☺
	DC180-03-08.731A1-	8,731	11/32"	35	89	47	40	10	☺
	DC180-03-08.800A1-	8,8		35	89	47	40	10	☺
	DC180-03-09.000A1-	9		35	89	47	40	10	☺
	DC180-03-09.128A1-	9,128	23/64"	35	89	47	40	10	☺
	DC180-03-09.200A1-	9,2		35	89	47	40	10	☺
	DC180-03-09.300A1-	9,3		35	89	47	40	10	☺
	DC180-03-09.500A1-	9,5		35	89	47	40	10	☺
	DC180-03-09.525A1-	9,525	3/8"	35	89	47	40	10	☺
	DC180-03-09.600A1-	9,6		35	89	47	40	10	☺
	DC180-03-09.700A1-	9,7		35	89	47	40	10	☺

Ordering example for the grade WJ30EZ: DC180-03-03.000A1-WJ30EZ

**WALTER
SELECT**

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

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	WJ30EZ
 DIN 6535 HA	DC180-03-09.800A1-	9,8		35	89	47	40	10	☹
	DC180-03-09.922A1-	9,922	25/64"	35	89	47	40	10	☹
	DC180-03-10.000A1-	10		35	89	47	40	10	☹
	DC180-03-10.100A1-	10,1		40	102	55	45	12	☹
	DC180-03-10.200A1-	10,2		40	102	55	45	12	☹
	DC180-03-10.300A1-	10,3		40	102	55	45	12	☹
	DC180-03-10.319A1-	10,319	13/32"	40	102	55	45	12	☹
	DC180-03-10.400A1-	10,4		40	102	55	45	12	☹
	DC180-03-10.500A1-	10,5		40	102	55	45	12	☹
	DC180-03-10.716A1-	10,716	27/64"	40	102	55	45	12	☹
	DC180-03-10.800A1-	10,8		40	102	55	45	12	☹
	DC180-03-11.000A1-	11		40	102	55	45	12	☹
	DC180-03-11.100A1-	11,1		40	102	55	45	12	☹
	DC180-03-11.113A1-	11,113	7/16"	40	102	55	45	12	☹
	DC180-03-11.200A1-	11,2		40	102	55	45	12	☹
	DC180-03-11.500A1-	11,5		40	102	55	45	12	☹
	DC180-03-11.509A1-	11,509	29/64"	40	102	55	45	12	☹
	DC180-03-11.700A1-	11,7		40	102	55	45	12	☹
	DC180-03-11.800A1-	11,8		40	102	55	45	12	☹
	DC180-03-11.906A1-	11,906	15/32"	40	102	55	45	12	☹
	DC180-03-12.000A1-	12		40	102	55	45	12	☹
	DC180-03-12.100A1-	12,1		43	107	60	45	14	☹
	DC180-03-12.200A1-	12,2		43	107	60	45	14	☹
	DC180-03-12.300A1-	12,3		43	107	60	45	14	☹
	DC180-03-12.303A1-	12,303	31/64"	43	107	60	45	14	☹
	DC180-03-12.500A1-	12,5		43	107	60	45	14	☹
	DC180-03-12.600A1-	12,6		43	107	60	45	14	☹
	DC180-03-12.700A1-	12,700	1/2"	43	107	60	45	14	☹
	DC180-03-13.000A1-	13		43	107	60	45	14	☹
	DC180-03-13.300A1-	13,3		43	107	60	45	14	☹
	DC180-03-13.494A1-	13,494	17/32"	43	107	60	45	14	☹
	DC180-03-13.500A1-	13,5		43	107	60	45	14	☹
	DC180-03-14.000A1-	14		43	107	60	45	14	☹
	DC180-03-14.288A1-	14,288	9/16"	45	115	65	48	16	☹
	DC180-03-14.500A1-	14,5		45	115	65	48	16	☹
	DC180-03-15.000A1-	15		45	115	65	48	16	☹
	DC180-03-15.500A1-	15,5		45	115	65	48	16	☹
	DC180-03-15.875A1-	15,875	5/8"	45	115	65	48	16	☹
	DC180-03-16.000A1-	16		45	115	65	48	16	☹
	DC180-03-16.500A1-	16,5		51	123	73	48	18	☹
	DC180-03-17.000A1-	17		51	123	73	48	18	☹
	DC180-03-17.500A1-	17,5		51	123	73	48	18	☹
	DC180-03-18.000A1-	18		51	123	73	48	18	☹
	DC180-03-19.050A1-	19,050	3/4"	55	131	79	50	20	☹
	DC180-03-20.000A1-	20		55	131	79	50	20	☹

Ordering example for the grade WJ30EZ: DC180-03-03.000A1-WJ30EZ

Solid carbide twist drill 3 flutes

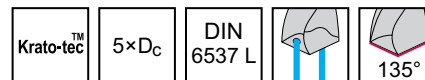
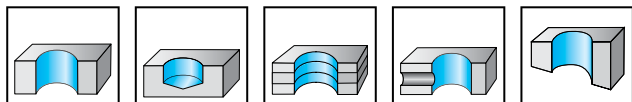
DC183 Supreme

X-treme Evo 3

Powered by Krato-tec™

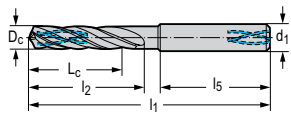


– with innovative Krato-tec™ multilayer coating



	P	M	K	N	S	H	O
WJ30EZ	●●	●	●●	●●	●		

B1

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EZ
	DC183-05-03.000A1-	3		19	66	24	36	6	☹
	DC183-05-03.175A1-	3,175	1/8"	19	66	24	36	6	☹
	DC183-05-03.300A1-	3,3		19	66	24	36	6	☹
DIN 6535 HA	DC183-05-03.500A1-	3,5		19	66	24	36	6	☹
	DC183-05-03.700A1-	3,7		19	66	24	36	6	☹
	DC183-05-03.900A1-	3,9		29	74	36	36	6	☹
	DC183-05-04.000A1-	4		29	74	36	36	6	☹
	DC183-05-04.100A1-	4,1		29	74	36	36	6	☹
	DC183-05-04.200A1-	4,2		29	74	36	36	6	☹
	DC183-05-04.300A1-	4,3		29	74	36	36	6	☹
	DC183-05-04.366A1-	4,366	11/64"	29	74	36	36	6	☹
	DC183-05-04.500A1-	4,5		29	74	36	36	6	☹
	DC183-05-04.763A1-	4,763	3/16"	35	82	44	36	6	☹
	DC183-05-04.800A1-	4,8		35	82	44	36	6	☹
	DC183-05-05.000A1-	5		35	82	44	36	6	☹
	DC183-05-05.100A1-	5,1		35	82	44	36	6	☹
	DC183-05-05.200A1-	5,2		35	82	44	36	6	☹
	DC183-05-05.500A1-	5,5		35	82	44	36	6	☹
	DC183-05-05.550A1-	5,5		35	82	44	36	6	☹
	DC183-05-05.556A1-	5,556	7/32"	35	82	44	36	6	☹
	DC183-05-05.800A1-	5,8		35	82	44	36	6	☹
	DC183-05-06.000A1-	6		35	82	44	36	6	☹
	DC183-05-06.100A1-	6,1		43	91	53	36	8	☹
	DC183-05-06.200A1-	6,2		43	91	53	36	8	☹
	DC183-05-06.350A1-	6,35	1/4"	43	91	53	36	8	☹
	DC183-05-06.500A1-	6,5		43	91	53	36	8	☹
	DC183-05-06.700A1-	6,7		43	91	53	36	8	☹
	DC183-05-06.747A1-	6,747	17/64"	43	91	53	36	8	☹
	DC183-05-06.800A1-	6,8		43	91	53	36	8	☹
	DC183-05-07.000A1-	7		43	91	53	36	8	☹
	DC183-05-07.144A1-	7,144	9/32"	43	91	53	36	8	☹
	DC183-05-07.400A1-	7,4		43	91	53	36	8	☹
	DC183-05-07.500A1-	7,5		43	91	53	36	8	☹
	DC183-05-07.541A1-	7,541	19/64"	43	91	53	36	8	☹
	DC183-05-07.800A1-	7,8		43	91	53	36	8	☹
	DC183-05-07.938A1-	7,938	5/16"	43	91	53	36	8	☹

Ordering example for the grade WJ30EZ: DC183-05-03.000A1-WJ30EZ

WALTER
SELECT

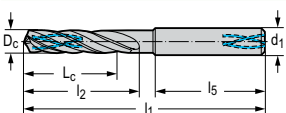
●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

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	WJ30EZ
	DC183-05-08.000A1-	8		43	91	53	36	8	●●
	DC183-05-08.100A1-	8,1		49	103	61	40	10	●●
	DC183-05-08.500A1-	8,5		49	103	61	40	10	●●
	DC183-05-08.600A1-	8,6		49	103	61	40	10	●●
	DC183-05-08.700A1-	8,7		49	103	61	40	10	●●
	DC183-05-08.731A1-	8,731	11/32"	49	103	61	40	10	●●
	DC183-05-08.800A1-	8,8		49	103	61	40	10	●●
	DC183-05-09.000A1-	9		49	103	61	40	10	●●
	DC183-05-09.100A1-	9,1		49	103	61	40	10	●●
	DC183-05-09.128A1-	9,128	23/64"	49	103	61	40	10	●●
	DC183-05-09.300A1-	9,3		49	103	61	40	10	●●
	DC183-05-09.500A1-	9,5		49	103	61	40	10	●●
	DC183-05-09.525A1-	9,525	3/8"	49	103	61	40	10	●●
	DC183-05-09.800A1-	9,8		49	103	61	40	10	●●
	DC183-05-09.922A1-	9,922	25/64"	49	103	61	40	10	●●
	DC183-05-10.000A1-	10		49	103	61	40	10	●●
	DC183-05-10.100A1-	10,1		56	118	71	45	12	●●
	DC183-05-10.200A1-	10,2		56	118	71	45	12	●●
	DC183-05-10.300A1-	10,3		56	118	71	45	12	●●
	DC183-05-10.319A1-	10,319	13/32"	56	118	71	45	12	●●
	DC183-05-10.500A1-	10,5		56	118	71	45	12	●●
	DC183-05-10.716A1-	10,716	27/64"	56	118	71	45	12	●●
	DC183-05-10.800A1-	10,8		56	118	71	45	12	●●
	DC183-05-11.000A1-	11		56	118	71	45	12	●●
	DC183-05-11.100A1-	11,1		56	118	71	45	12	●●
	DC183-05-11.113A1-	11,113	7/16"	56	118	71	45	12	●●
	DC183-05-11.200A1-	11,2		56	118	71	45	12	●●
	DC183-05-11.500A1-	11,5		56	118	71	45	12	●●
	DC183-05-11.509A1-	11,509	29/64"	56	118	71	45	12	●●
	DC183-05-11.800A1-	11,8		56	118	71	45	12	●●
	DC183-05-11.906A1-	11,906	15/32"	56	118	71	45	12	●●
	DC183-05-12.000A1-	12		56	118	71	45	12	●●
	DC183-05-12.100A1-	12,1		60	124	77	45	14	●●
	DC183-05-12.303A1-	12,303	31/64"	60	124	77	45	14	●●
	DC183-05-12.500A1-	12,5		60	124	77	45	14	●●
	DC183-05-12.700A1-	12,7	1/2"	60	124	77	45	14	●●
	DC183-05-13.000A1-	13		60	124	77	45	14	●●
	DC183-05-13.100A1-	13,1		60	124	77	45	14	●●
	DC183-05-13.494A1-	13,494	17/32"	60	124	77	45	14	●●
	DC183-05-13.500A1-	13,5		60	124	77	45	14	●●
	DC183-05-13.800A1-	13,8		60	124	77	45	14	●●
	DC183-05-14.000A1-	14		60	124	77	45	14	●●
	DC183-05-14.288A1-	14,288	9/16"	63	133	83	48	16	●●
	DC183-05-14.500A1-	14,5		63	133	83	48	16	●●
	DC183-05-15.000A1-	15		63	133	83	48	16	●●
	DC183-05-15.100A1-	15,1		63	133	83	48	16	●●

Ordering example for the grade WJ30EZ: DC183-05-03.000A1-WJ30EZ

WALTER
SELECT

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

Tool		D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EZ
 DIN 6535 HA	Designation								
	DC183-05-15.300A1-	15,3		63	133	83	48	16	☺
	DC183-05-15.500A1-	15,5		63	133	83	48	16	☺
	DC183-05-15.800A1-	15,8		63	133	83	48	16	☺
	DC183-05-15.875A1-	15,875	5/8"	63	133	83	48	16	☺
	DC183-05-16.000A1-	16		63	133	83	48	16	☺

Ordering example for the grade WJ30EZ: DC183-05-03.000A1-WJ30EZ

B1

**WALTER
SELECT**

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

Solid carbide drills with coolant-through

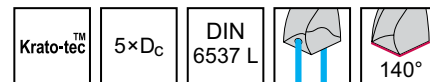
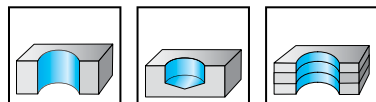
DC180 Supreme

X-treme Evo Plus

Powered by Krato-tec™



– with innovative Krato-tec™ multilayer coating



B1

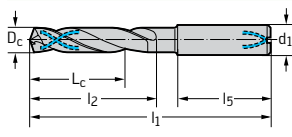
	P	M	K	N	S	H	O
WJ30EZ	●●	●●	●●	●●	●●	●●	●

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EZ
 DIN 6535 HA	DC180-05-03.000A1-	3		19	66	24	36	6	●●
	DC180-05-03.100A1-	3,1		19	66	24	36	6	●●
	DC180-05-03.175A1-	3,175	1/8"	19	66	24	36	6	●●
	DC180-05-03.200A1-	3,2		19	66	24	36	6	●●
	DC180-05-03.250A1-	3,25		19	66	24	36	6	●●
	DC180-05-03.300A1-	3,3		19	66	24	36	6	●●
	DC180-05-03.400A1-	3,4		19	66	24	36	6	●●
	DC180-05-03.500A1-	3,5		19	66	24	36	6	●●
	DC180-05-03.572A1-	3,572	9/64"	19	66	24	36	6	●●
	DC180-05-03.600A1-	3,6		19	66	24	36	6	●●
	DC180-05-03.700A1-	3,7		19	66	24	36	6	●●
	DC180-05-03.800A1-	3,8		29	74	36	36	6	●●
	DC180-05-03.900A1-	3,9		29	74	36	36	6	●●
	DC180-05-03.969A1-	3,969	5/32"	29	74	36	36	6	●●
	DC180-05-04.000A1-	4		29	74	36	36	6	●●
	DC180-05-04.100A1-	4,1		29	74	36	36	6	●●
	DC180-05-04.200A1-	4,2		29	74	36	36	6	●●
	DC180-05-04.300A1-	4,3		29	74	36	36	6	●●
	DC180-05-04.366A1-	4,366	11/64"	29	74	36	36	6	●●
	DC180-05-04.400A1-	4,4		29	74	36	36	6	●●
	DC180-05-04.500A1-	4,5		29	74	36	36	6	●●
	DC180-05-04.600A1-	4,6		29	74	36	36	6	●●
	DC180-05-04.650A1-	4,65		29	74	36	36	6	●●
	DC180-05-04.700A1-	4,7		29	74	36	36	6	●●
	DC180-05-04.763A1-	4,763	3/16"	35	82	44	36	6	●●
	DC180-05-04.800A1-	4,8		35	82	44	36	6	●●
	DC180-05-04.900A1-	4,9		35	82	44	36	6	●●
	DC180-05-05.000A1-	5		35	82	44	36	6	●●
	DC180-05-05.100A1-	5,1		35	82	44	36	6	●●
	DC180-05-05.159A1-	5,159	13/64"	35	82	44	36	6	●●
	DC180-05-05.200A1-	5,2		35	82	44	36	6	●●
	DC180-05-05.300A1-	5,3		35	82	44	36	6	●●
	DC180-05-05.400A1-	5,4		35	82	44	36	6	●●
	DC180-05-05.500A1-	5,5		35	82	44	36	6	●●
	DC180-05-05.550A1-	5,55		35	82	44	36	6	●●
	DC180-05-05.556A1-	5,556	7/32"	35	82	44	36	6	●●

Ordering example for the grade WJ30EZ: DC180-05-03.000A1-WJ30EZ

**WALTER
SELECT**

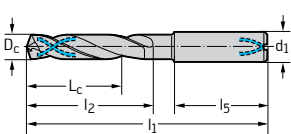
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EZ
	DC180-05-05.600A1-	5,6		35	82	44	36	6	☹
	DC180-05-05.700A1-	5,7		35	82	44	36	6	☹
DIN 6535 HA	DC180-05-05.800A1-	5,8		35	82	44	36	6	☹
	DC180-05-05.900A1-	5,9		35	82	44	36	6	☹
	DC180-05-05.953A1-	5,953	15/64"	35	82	44	36	6	☹
	DC180-05-06.000A1-	6		35	82	44	36	6	☹
	DC180-05-06.100A1-	6,1		43	91	53	36	8	☹
	DC180-05-06.200A1-	6,2		43	91	53	36	8	☹
	DC180-05-06.300A1-	6,3		43	91	53	36	8	☹
	DC180-05-06.350A1-	6,350	1/4"	43	91	53	36	8	☹
	DC180-05-06.400A1-	6,4		43	91	53	36	8	☹
	DC180-05-06.500A1-	6,5		43	91	53	36	8	☹
	DC180-05-06.600A1-	6,6		43	91	53	36	8	☹
	DC180-05-06.700A1-	6,7		43	91	53	36	8	☹
	DC180-05-06.747A1-	6,747	17/64"	43	91	53	36	8	☹
	DC180-05-06.800A1-	6,8		43	91	53	36	8	☹
	DC180-05-06.900A1-	6,9		43	91	53	36	8	☹
	DC180-05-07.000A1-	7		43	91	53	36	8	☹
	DC180-05-07.100A1-	7,1		43	91	53	36	8	☹
	DC180-05-07.144A1-	7,144	9/32"	43	91	53	36	8	☹
	DC180-05-07.200A1-	7,2		43	91	53	36	8	☹
	DC180-05-07.300A1-	7,3		43	91	53	36	8	☹
	DC180-05-07.400A1-	7,4		43	91	53	36	8	☹
	DC180-05-07.500A1-	7,5		43	91	53	36	8	☹
	DC180-05-07.541A1-	7,541	19/64"	43	91	53	36	8	☹
	DC180-05-07.800A1-	7,8		43	91	53	36	8	☹
	DC180-05-07.900A1-	7,9		43	91	53	36	8	☹
	DC180-05-07.938A1-	7,938	5/16"	43	91	53	36	8	☹
	DC180-05-08.000A1-	8		43	91	53	36	8	☹
	DC180-05-08.100A1-	8,1		49	103	61	40	10	☹
	DC180-05-08.200A1-	8,2		49	103	61	40	10	☹
	DC180-05-08.300A1-	8,3		49	103	61	40	10	☹
	DC180-05-08.334A1-	8,334	21/64"	49	103	61	40	10	☹
	DC180-05-08.400A1-	8,4		49	103	61	40	10	☹
	DC180-05-08.500A1-	8,5		49	103	61	40	10	☹
	DC180-05-08.600A1-	8,6		49	103	61	40	10	☹
	DC180-05-08.700A1-	8,7		49	103	61	40	10	☹
	DC180-05-08.731A1-	8,731	11/32"	49	103	61	40	10	☹
	DC180-05-08.750A1-	8,75		49	103	61	40	10	☹
	DC180-05-08.800A1-	8,8		49	103	61	40	10	☹
	DC180-05-09.000A1-	9		49	103	61	40	10	☹
	DC180-05-09.128A1-	9,128	23/64"	49	103	61	40	10	☹
	DC180-05-09.200A1-	9,2		49	103	61	40	10	☹
	DC180-05-09.300A1-	9,3		49	103	61	40	10	☹
	DC180-05-09.500A1-	9,5		49	103	61	40	10	☹
	DC180-05-09.525A1-	9,525	3/8"	49	103	61	40	10	☹

Ordering example for the grade WJ30EZ: DC180-05-03.000A1-WJ30EZ

**WALTER
SELECT**

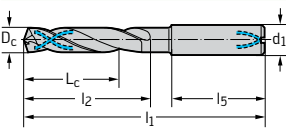
● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

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	WJ30EZ
 DIN 6535 HA	DC180-05-09.600A1-	9,6		49	103	61	40	10	☹
	DC180-05-09.700A1-	9,7		49	103	61	40	10	☹
	DC180-05-09.800A1-	9,8		49	103	61	40	10	☹
	DC180-05-09.900A1-	9,9		49	103	61	40	10	☹
	DC180-05-09.922A1-	9,922	25/64"	49	103	61	40	10	☹
	DC180-05-10.000A1-	10		49	103	61	40	10	☹
	DC180-05-10.100A1-	10,1		56	118	71	45	12	☹
	DC180-05-10.200A1-	10,2		56	118	71	45	12	☹
	DC180-05-10.300A1-	10,3		56	118	71	45	12	☹
	DC180-05-10.319A1-	10,319	13/32"	56	118	71	45	12	☹
	DC180-05-10.400A1-	10,4		56	118	71	45	12	☹
	DC180-05-10.500A1-	10,5		56	118	71	45	12	☹
	DC180-05-10.716A1-	10,716	27/64"	56	118	71	45	12	☹
	DC180-05-10.800A1-	10,8		56	118	71	45	12	☹
	DC180-05-11.000A1-	11		56	118	71	45	12	☹
	DC180-05-11.100A1-	11,1		56	118	71	45	12	☹
	DC180-05-11.113A1-	11,113	7/16"	56	118	71	45	12	☹
	DC180-05-11.200A1-	11,2		56	118	71	45	12	☹
	DC180-05-11.300A1-	11,3		56	118	71	45	12	☹
	DC180-05-11.400A1-	11,4		56	118	71	45	12	☹
	DC180-05-11.500A1-	11,5		56	118	71	45	12	☹
	DC180-05-11.509A1-	11,509	29/64"	56	118	71	45	12	☹
	DC180-05-11.700A1-	11,7		56	118	71	45	12	☹
	DC180-05-11.800A1-	11,8		56	118	71	45	12	☹
	DC180-05-11.906A1-	11,906	15/32"	56	118	71	45	12	☹
	DC180-05-12.000A1-	12		56	118	71	45	12	☹
	DC180-05-12.100A1-	12,1		60	124	77	45	14	☹
	DC180-05-12.200A1-	12,2		60	124	77	45	14	☹
	DC180-05-12.300A1-	12,3		60	124	77	45	14	☹
	DC180-05-12.303A1-	12,303	31/64"	60	124	77	45	14	☹
	DC180-05-12.500A1-	12,5		60	124	77	45	14	☹
	DC180-05-12.600A1-	12,6		60	124	77	45	14	☹
	DC180-05-12.700A1-	12,700	1/2"	60	124	77	45	14	☹
	DC180-05-13.000A1-	13		60	124	77	45	14	☹
	DC180-05-13.100A1-	13,1		60	124	77	45	14	☹
	DC180-05-13.300A1-	13,3		60	124	77	45	14	☹
	DC180-05-13.494A1-	13,494	17/32"	60	124	77	45	14	☹
	DC180-05-13.500A1-	13,5		60	124	77	45	14	☹
	DC180-05-14.000A1-	14		60	124	77	45	14	☹
	DC180-05-14.288A1-	14,288	9/16"	63	133	83	48	16	☹
	DC180-05-14.500A1-	14,5		63	133	83	48	16	☹
	DC180-05-15.000A1-	15		63	133	83	48	16	☹
	DC180-05-15.100A1-	15,1		63	133	83	48	16	☹
	DC180-05-15.300A1-	15,3		63	133	83	48	16	☹
	DC180-05-15.500A1-	15,5		63	133	83	48	16	☹
	DC180-05-15.875A1-	15,875	5/8"	63	133	83	48	16	☹

Ordering example for the grade WJ30EZ: DC180-05-03.000A1-WJ30EZ

WALTER
SELECT

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

Tool		D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EZ
 DIN 6535 HA	Designation								
	DC180-05-16.000A1-	16		63	133	83	48	16	☺
	DC180-05-16.500A1-	16,5		71	143	93	48	18	☺
	DC180-05-17.000A1-	17		71	143	93	48	18	☺
	DC180-05-17.500A1-	17,5		71	143	93	48	18	☺
	DC180-05-18.000A1-	18		71	143	93	48	18	☺
	DC180-05-18.500A1-	18,5		77	153	101	50	20	☺
	DC180-05-19.000A1-	19		77	153	101	50	20	☺
	DC180-05-19.050A1-	19,050	3/4"	77	153	101	50	20	☺
	DC180-05-20.000A1-	20		77	153	101	50	20	☺

Ordering example for the grade WJ30EZ: DC180-05-03.000A1-WJ30EZ

B1

**WALTER
SELECT**

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

Solid carbide twist drill 3 flutes

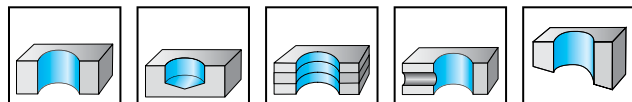
DC183 Supreme

X-treme Evo 3

Powered by Krato-tec™



– with innovative Krato-tec™ multilayer coating



	P	M	K	N	S	H	O
WJ30EY	●●	●	●●	●●	●		

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EY
DIN 6535 HA	DC183-08-03.000A1-	3		28	74	34	36	6	☺
	DC183-08-03.300A1-	3,3		28	74	34	36	6	☺
	DC183-08-03.500A1-	3,5		28	74	34	36	6	☺
	DC183-08-04.000A1-	4		37	85	45	36	6	☺
	DC183-08-04.200A1-	4,2		37	85	45	36	6	☺
	DC183-08-04.500A1-	4,5		37	85	45	36	6	☺
	DC183-08-04.763A1-	4,763	3/16"	48	97	57	36	6	☺
	DC183-08-05.000A1-	5		48	97	57	36	6	☺
	DC183-08-05.100A1-	5,1		48	97	57	36	6	☺
	DC183-08-05.500A1-	5,5		48	97	57	36	6	☺
	DC183-08-05.800A1-	5,8		48	97	57	36	6	☺
	DC183-08-06.000A1-	6		48	97	57	36	6	☺
	DC183-08-06.350A1-	6,35	1/4"	55	106	66	36	8	☺
	DC183-08-06.500A1-	6,5		55	106	66	36	8	☺
	DC183-08-06.800A1-	6,8		55	106	66	36	8	☺
	DC183-08-07.000A1-	7		55	106	66	36	8	☺
	DC183-08-07.800A1-	7,8		64	116	76	36	8	☺
	DC183-08-08.000A1-	8		64	116	76	36	8	☺
	DC183-08-08.500A1-	8,5		80	139	95	40	10	☺
	DC183-08-09.000A1-	9		80	139	95	40	10	☺
	DC183-08-09.800A1-	9,8		80	139	95	40	10	☺
	DC183-08-10.000A1-	10		80	139	95	40	10	☺
	DC183-08-10.500A1-	10,5		96	163	114	45	12	☺
	DC183-08-11.000A1-	11		96	163	114	45	12	☺
	DC183-08-11.113A1-	11,113	7/16"	96	163	114	45	12	☺
	DC183-08-12.000A1-	12		96	163	114	45	12	☺
	DC183-08-12.700A1-	12,7	1/2"	119	182	133	45	14	☺
	DC183-08-13.000A1-	13		119	182	133	45	14	☺
	DC183-08-13.500A1-	13,5		119	182	133	45	14	☺
	DC183-08-14.000A1-	14		119	182	133	45	14	☺
	DC183-08-15.000A1-	15		136	204	152	48	16	☺
	DC183-08-16.000A1-	16		136	204	152	48	16	☺

Ordering example for the grade WJ30EY: DC183-08-03.000A1-WJ30EY

WALTER
SELECT

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

Solid carbide drills with coolant-through

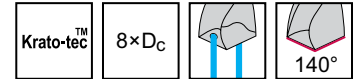
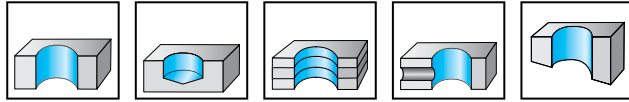
DC180 Supreme

X-treme Evo Plus

Powered by Krato-tec™



– with innovative Krato-tec™ multilayer coating



	P	M	K	N	S	H	O
WJ30EY	●●	●●	●●	●●	●●	●●	●

B1

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EY
 DIN 6535 HA	DC180-08-03.000A1-	3		28	74	34	36	6	☹
	DC180-08-03.100A1-	3,1		28	74	34	36	6	☹
	DC180-08-03.175A1-	3,175	1/8"	28	74	34	36	6	☹
	DC180-08-03.200A1-	3,2		28	74	34	36	6	☹
	DC180-08-03.300A1-	3,3		28	74	34	36	6	☹
	DC180-08-03.400A1-	3,4		28	74	34	36	6	☹
	DC180-08-03.500A1-	3,5		28	74	34	36	6	☹
	DC180-08-03.572A1-	3,572	9/64"	28	74	34	36	6	☹
	DC180-08-03.600A1-	3,6		28	74	34	36	6	☹
	DC180-08-03.700A1-	3,7		28	74	34	36	6	☹
	DC180-08-03.800A1-	3,8		37	85	45	36	6	☹
	DC180-08-03.900A1-	3,9		37	85	45	36	6	☹
	DC180-08-03.969A1-	3,969	5/32"	37	85	45	36	6	☹
	DC180-08-04.000A1-	4		37	85	45	36	6	☹
	DC180-08-04.100A1-	4,1		37	85	45	36	6	☹
	DC180-08-04.200A1-	4,2		37	85	45	36	6	☹
	DC180-08-04.300A1-	4,3		37	85	45	36	6	☹
	DC180-08-04.366A1-	4,366	11/64"	37	85	45	36	6	☹
	DC180-08-04.400A1-	4,4		37	85	45	36	6	☹
	DC180-08-04.500A1-	4,5		37	85	45	36	6	☹
	DC180-08-04.600A1-	4,6		37	85	45	36	6	☹
	DC180-08-04.700A1-	4,7		37	85	45	36	6	☹
	DC180-08-04.763A1-	4,763	3/16"	48	97	57	36	6	☹
	DC180-08-04.800A1-	4,8		48	97	57	36	6	☹
	DC180-08-04.900A1-	4,9		48	97	57	36	6	☹
	DC180-08-05.000A1-	5		48	97	57	36	6	☹
	DC180-08-05.100A1-	5,1		48	97	57	36	6	☹
	DC180-08-05.159A1-	5,159	13/64"	48	97	57	36	6	☹
	DC180-08-05.200A1-	5,2		48	97	57	36	6	☹
	DC180-08-05.300A1-	5,3		48	97	57	36	6	☹
	DC180-08-05.400A1-	5,4		48	97	57	36	6	☹
	DC180-08-05.500A1-	5,5		48	97	57	36	6	☹
	DC180-08-05.556A1-	5,556	7/32"	48	97	57	36	6	☹
	DC180-08-05.600A1-	5,6		48	97	57	36	6	☹
	DC180-08-05.700A1-	5,7		48	97	57	36	6	☹
	DC180-08-05.800A1-	5,8		48	97	57	36	6	☹

Ordering example for the grade WJ30EY: DC180-08-03.000A1-WJ30EY

**WALTER
SELECT**

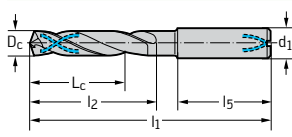
●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

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
	DC180-08-05.900A1-	5,9		48	97	57	36	6	☹
	DC180-08-05.953A1-	5,953	15/64"	48	97	57	36	6	☹
	DC180-08-06.000A1-	6		48	97	57	36	6	☹
	DC180-08-06.100A1-	6,1		55	106	66	36	8	☹
	DC180-08-06.200A1-	6,2		55	106	66	36	8	☹
	DC180-08-06.300A1-	6,3		55	106	66	36	8	☹
	DC180-08-06.350A1-	6,350	1/4"	55	106	66	36	8	☹
	DC180-08-06.400A1-	6,4		55	106	66	36	8	☹
	DC180-08-06.500A1-	6,5		55	106	66	36	8	☹
	DC180-08-06.600A1-	6,6		55	106	66	36	8	☹
	DC180-08-06.700A1-	6,7		55	106	66	36	8	☹
	DC180-08-06.747A1-	6,747	17/64"	55	106	66	36	8	☹
	DC180-08-06.800A1-	6,8		55	106	66	36	8	☹
	DC180-08-06.900A1-	6,9		55	106	66	36	8	☹
	DC180-08-07.000A1-	7		55	106	66	36	8	☹
	DC180-08-07.100A1-	7,1		64	116	76	36	8	☹
	DC180-08-07.144A1-	7,144	9/32"	64	116	76	36	8	☹
	DC180-08-07.200A1-	7,2		64	116	76	36	8	☹
	DC180-08-07.300A1-	7,3		64	116	76	36	8	☹
	DC180-08-07.400A1-	7,4		64	116	76	36	8	☹
	DC180-08-07.500A1-	7,5		64	116	76	36	8	☹
	DC180-08-07.541A1-	7,541	19/64"	64	116	76	36	8	☹
	DC180-08-07.600A1-	7,6		64	116	76	36	8	☹
	DC180-08-07.700A1-	7,7		64	116	76	36	8	☹
	DC180-08-07.800A1-	7,8		64	116	76	36	8	☹
	DC180-08-07.900A1-	7,9		64	116	76	36	8	☹
	DC180-08-07.938A1-	7,938	5/16"	64	116	76	36	8	☹
	DC180-08-08.000A1-	8		64	116	76	36	8	☹
	DC180-08-08.100A1-	8,1		80	139	95	40	10	☹
	DC180-08-08.200A1-	8,2		80	139	95	40	10	☹
	DC180-08-08.300A1-	8,3		80	139	95	40	10	☹
	DC180-08-08.334A1-	8,334	21/64"	80	139	95	40	10	☹
	DC180-08-08.400A1-	8,4		80	139	95	40	10	☹
	DC180-08-08.500A1-	8,5		80	139	95	40	10	☹
	DC180-08-08.600A1-	8,6		80	139	95	40	10	☹
	DC180-08-08.700A1-	8,7		80	139	95	40	10	☹
	DC180-08-08.731A1-	8,731	11/32"	80	139	95	40	10	☹
	DC180-08-08.800A1-	8,8		80	139	95	40	10	☹
	DC180-08-08.900A1-	8,9		80	139	95	40	10	☹
	DC180-08-09.000A1-	9		80	139	95	40	10	☹
	DC180-08-09.100A1-	9,1		80	139	95	40	10	☹
	DC180-08-09.128A1-	9,128	23/64"	80	139	95	40	10	☹
	DC180-08-09.200A1-	9,2		80	139	95	40	10	☹
	DC180-08-09.300A1-	9,3		80	139	95	40	10	☹
	DC180-08-09.400A1-	9,4		80	139	95	40	10	☹
	DC180-08-09.500A1-	9,5		80	139	95	40	10	☹

Ordering example for the grade WJ30EY: DC180-08-03.000A1-WJ30EY

WALTER
SELECT

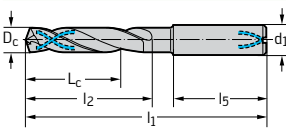
●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

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
 DIN 6535 HA	DC180-08-09.525A1-	9,525	3/8"	80	139	95	40	10	☺
	DC180-08-09.600A1-	9,6		80	139	95	40	10	☺
	DC180-08-09.700A1-	9,7		80	139	95	40	10	☺
	DC180-08-09.800A1-	9,8		80	139	95	40	10	☺
	DC180-08-09.900A1-	9,9		80	139	95	40	10	☺
	DC180-08-09.922A1-	9,922	25/64"	80	139	95	40	10	☺
	DC180-08-10.000A1-	10		80	139	95	40	10	☺
	DC180-08-10.100A1-	10,1		96	163	114	45	12	☺
	DC180-08-10.200A1-	10,2		96	163	114	45	12	☺
	DC180-08-10.300A1-	10,3		96	163	114	45	12	☺
	DC180-08-10.319A1-	10,319	13/32"	96	163	114	45	12	☺
	DC180-08-10.400A1-	10,4		96	163	114	45	12	☺
	DC180-08-10.500A1-	10,5		96	163	114	45	12	☺
	DC180-08-10.600A1-	10,6		96	163	114	45	12	☺
	DC180-08-10.700A1-	10,7		96	163	114	45	12	☺
	DC180-08-10.716A1-	10,716	27/64"	96	163	114	45	12	☺
	DC180-08-10.800A1-	10,8		96	163	114	45	12	☺
	DC180-08-10.900A1-	10,9		96	163	114	45	12	☺
	DC180-08-11.000A1-	11		96	163	114	45	12	☺
	DC180-08-11.100A1-	11,1		96	163	114	45	12	☺
	DC180-08-11.113A1-	11,113	7/16"	96	163	114	45	12	☺
	DC180-08-11.200A1-	11,2		96	163	114	45	12	☺
	DC180-08-11.300A1-	11,3		96	163	114	45	12	☺
	DC180-08-11.400A1-	11,4		96	163	114	45	12	☺
	DC180-08-11.500A1-	11,5		96	163	114	45	12	☺
	DC180-08-11.509A1-	11,509	29/64"	96	163	114	45	12	☺
	DC180-08-11.600A1-	11,6		96	163	114	45	12	☺
	DC180-08-11.700A1-	11,7		96	163	114	45	12	☺
	DC180-08-11.800A1-	11,8		96	163	114	45	12	☺
	DC180-08-11.900A1-	11,9		96	163	114	45	12	☺
	DC180-08-11.906A1-	11,906	15/32"	96	163	114	45	12	☺
	DC180-08-12.000A1-	12		96	163	114	45	12	☺
	DC180-08-12.303A1-	12,303	31/64"	119	182	133	45	14	☺
	DC180-08-12.500A1-	12,5		119	182	133	45	14	☺
	DC180-08-12.700A1-	12,700	1/2"	119	182	133	45	14	☺
	DC180-08-13.000A1-	13		119	182	133	45	14	☺
	DC180-08-13.494A1-	13,494	17/32"	119	182	133	45	14	☺
	DC180-08-13.500A1-	13,5		119	182	133	45	14	☺
	DC180-08-14.000A1-	14		119	182	133	45	14	☺
	DC180-08-14.288A1-	14,288	9/16"	136	204	152	48	16	☺
	DC180-08-14.500A1-	14,5		136	204	152	48	16	☺
	DC180-08-15.000A1-	15		136	204	152	48	16	☺
	DC180-08-15.500A1-	15,5		136	204	152	48	16	☺
	DC180-08-15.875A1-	15,875	5/8"	136	204	152	48	16	☺
	DC180-08-16.000A1-	16		136	204	152	48	16	☺
	DC180-08-16.500A1-	16,5		153	223	171	48	18	☺

Ordering example for the grade WJ30EY: DC180-08-03.000A1-WJ30EY

**WALTER
SELECT**

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

Tool		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
 DIN 6535 HA	Designation								
	DC180-08-17.000A1-	17		153	223	171	48	18	☹☹
	DC180-08-17.500A1-	17,5		153	223	171	48	18	☹☹
	DC180-08-18.000A1-	18		153	223	171	48	18	☹☹
	DC180-08-18.500A1-	18,5		170	244	190	50	20	☹☹
	DC180-08-19.000A1-	19		170	244	190	50	20	☹☹
	DC180-08-19.050A1-	19,050	3/4"	170	244	190	50	20	☹☹
	DC180-08-19.500A1-	19,5		170	244	190	50	20	☹☹
	DC180-08-20.000A1-	20		170	244	190	50	20	☹☹

Ordering example for the grade WJ30EY: DC180-08-03.000A1-WJ30EY

Solid carbide drills with coolant-through

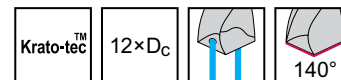
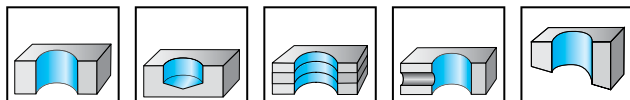
DC180 Supreme

X-treme Evo Plus

Powered by Krato-tec™



– with innovative Krato-tec™ multilayer coating



	P	M	K	N	S	H	O
WJ30EY	●●	●●	●●	●●	●●	●●	●

B1

Tool	Designation	D _c mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EY
 DIN 6535 HA	★ DC180-12-03.000A1-	3		48	92	54	36	6	☹
	★ DC180-12-03.100A1-	3,1		48	92	54	36	6	☹
	★ DC180-12-03.175A1-	3,175	1/8"	48	92	54	36	6	☹
	★ DC180-12-03.200A1-	3,2		48	92	54	36	6	☹
	★ DC180-12-03.300A1-	3,3		48	92	54	36	6	☹
	★ DC180-12-03.400A1-	3,4		48	92	54	36	6	☹
	★ DC180-12-03.500A1-	3,5		48	92	54	36	6	☹
	★ DC180-12-03.572A1-	3,572	9/64"	48	92	54	36	6	☹
	★ DC180-12-03.600A1-	3,6		48	92	54	36	6	☹
	★ DC180-12-03.700A1-	3,7		48	92	54	36	6	☹
	★ DC180-12-03.800A1-	3,8		56	102	64	36	6	☹
	★ DC180-12-03.900A1-	3,9		56	102	64	36	6	☹
	★ DC180-12-03.969A1-	3,969	5/32"	56	102	64	36	6	☹
	★ DC180-12-04.000A1-	4		56	102	64	36	6	☹
	★ DC180-12-04.100A1-	4,1		56	102	64	36	6	☹
	★ DC180-12-04.200A1-	4,2		56	102	64	36	6	☹
	★ DC180-12-04.300A1-	4,3		56	102	64	36	6	☹
	★ DC180-12-04.366A1-	4,366	11/64"	56	102	64	36	6	☹
	★ DC180-12-04.400A1-	4,4		56	102	64	36	6	☹
	★ DC180-12-04.500A1-	4,5		56	102	64	36	6	☹
	★ DC180-12-04.600A1-	4,6		56	102	64	36	6	☹
	★ DC180-12-04.700A1-	4,7		56	102	64	36	6	☹
	★ DC180-12-04.763A1-	4,763	3/16"	74	121	83	36	6	☹
	★ DC180-12-04.800A1-	4,8		74	121	83	36	6	☹
	★ DC180-12-04.900A1-	4,9		74	121	83	36	6	☹
	★ DC180-12-05.000A1-	5		74	121	83	36	6	☹
	★ DC180-12-05.100A1-	5,1		74	121	83	36	6	☹
	★ DC180-12-05.159A1-	5,159	13/64"	74	121	83	36	6	☹
	★ DC180-12-05.200A1-	5,2		74	121	83	36	6	☹
	★ DC180-12-05.300A1-	5,3		74	121	83	36	6	☹
	★ DC180-12-05.400A1-	5,4		74	121	83	36	6	☹
	★ DC180-12-05.500A1-	5,5		74	121	83	36	6	☹
	★ DC180-12-05.550A1-	5,5		74	121	83	36	6	☹
	★ DC180-12-05.556A1-	5,556	7/32"	74	121	83	36	6	☹
	★ DC180-12-05.600A1-	5,6		74	121	83	36	6	☹
	★ DC180-12-05.700A1-	5,7		74	121	83	36	6	☹

Ordering example for the grade WJ30EY: DC180-12-03.000A1-WJ30EY

**WALTER
SELECT**

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

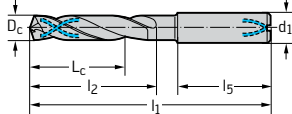
Tool		D _c m7 mm	D _c Inch/Nr	L _c mm	l ₁ mm	l ₂ mm	l ₅ mm	d ₁ h6 mm	WJ30EY
	Designation								
	★ DC180-12-05.800A1-	5,8		74	121	83	36	6	☹☹
	★ DC180-12-05.900A1-	5,9		74	121	83	36	6	☹☹
	★ DC180-12-06.000A1-	6		74	121	83	36	6	☹☹
	★ DC180-12-06.100A1-	6,1		98	148	110	36	8	☹☹
	★ DC180-12-06.200A1-	6,2		98	148	110	36	8	☹☹
	★ DC180-12-06.300A1-	6,3		98	148	110	36	8	☹☹
	★ DC180-12-06.350A1-	6,350	1/4"	98	148	110	36	8	☹☹
	★ DC180-12-06.400A1-	6,4		98	148	110	36	8	☹☹
	★ DC180-12-06.500A1-	6,5		98	148	110	36	8	☹☹
	★ DC180-12-06.600A1-	6,6		98	148	110	36	8	☹☹
	★ DC180-12-06.700A1-	6,7		98	148	110	36	8	☹☹
	★ DC180-12-06.747A1-	6,747	17/64"	98	148	110	36	8	☹☹
	★ DC180-12-06.800A1-	6,8		98	148	110	36	8	☹☹
	★ DC180-12-06.900A1-	6,9		98	148	110	36	8	☹☹
	★ DC180-12-07.000A1-	7		98	148	110	36	8	☹☹
	★ DC180-12-07.100A1-	7,1		98	148	110	36	8	☹☹
	★ DC180-12-07.144A1-	7,144	9/32"	98	148	110	36	8	☹☹
	★ DC180-12-07.200A1-	7,2		98	148	110	36	8	☹☹
	★ DC180-12-07.300A1-	7,3		98	148	110	36	8	☹☹
	★ DC180-12-07.400A1-	7,4		98	148	110	36	8	☹☹
	★ DC180-12-07.500A1-	7,5		98	148	110	36	8	☹☹
	★ DC180-12-07.541A1-	7,541	19/64"	98	148	110	36	8	☹☹
	★ DC180-12-07.800A1-	7,8		98	148	110	36	8	☹☹
	★ DC180-12-07.900A1-	7,9		98	148	110	36	8	☹☹
	★ DC180-12-07.938A1-	7,938	5/16"	98	148	110	36	8	☹☹
	★ DC180-12-08.000A1-	8		98	148	110	36	8	☹☹
	★ DC180-12-08.100A1-	8,1		123	180	138	40	10	☹☹
	★ DC180-12-08.200A1-	8,2		123	180	138	40	10	☹☹
	★ DC180-12-08.300A1-	8,3		123	180	138	40	10	☹☹
	★ DC180-12-08.400A1-	8,4		123	180	138	40	10	☹☹
	★ DC180-12-08.500A1-	8,5		123	180	138	40	10	☹☹
	★ DC180-12-08.600A1-	8,6		123	180	138	40	10	☹☹
	★ DC180-12-08.700A1-	8,7		123	180	138	40	10	☹☹
	★ DC180-12-08.731A1-	8,731	11/32"	123	180	138	40	10	☹☹
	★ DC180-12-08.800A1-	8,8		123	180	138	40	10	☹☹
	★ DC180-12-09.000A1-	9		123	180	138	40	10	☹☹
	★ DC180-12-09.128A1-	9,128	23/64"	123	180	138	40	10	☹☹
	★ DC180-12-09.200A1-	9,2		123	180	138	40	10	☹☹
	★ DC180-12-09.300A1-	9,3		123	180	138	40	10	☹☹
	★ DC180-12-09.500A1-	9,5		123	180	138	40	10	☹☹
	★ DC180-12-09.525A1-	9,525	3/8"	123	180	138	40	10	☹☹
	★ DC180-12-09.600A1-	9,6		123	180	138	40	10	☹☹
	★ DC180-12-09.700A1-	9,7		123	180	138	40	10	☹☹
	★ DC180-12-09.800A1-	9,8		123	180	138	40	10	☹☹
	★ DC180-12-09.922A1-	9,922	25/64"	123	180	138	40	10	☹☹
	★ DC180-12-10.000A1-	10		123	180	138	40	10	☹☹

Ordering example for the grade WJ30EY: DC180-12-03.000A1-WJ30EY

WALTER
SELECT

●● Primary application ● Other application

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

Tool		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
 DIN 6535 HA	★ DC180-12-10.100A1-	10,1		140	206	158	45	12	☹
	★ DC180-12-10.200A1-	10,2		140	206	158	45	12	☹
	★ DC180-12-10.300A1-	10,3		140	206	158	45	12	☹
	★ DC180-12-10.319A1-	10,319	13/32"	140	206	158	45	12	☹
	★ DC180-12-10.400A1-	10,4		140	206	158	45	12	☹
	★ DC180-12-10.500A1-	10,5		140	206	158	45	12	☹
	★ DC180-12-10.716A1-	10,716	27/64"	140	206	158	45	12	☹
	★ DC180-12-10.800A1-	10,8		140	206	158	45	12	☹
	★ DC180-12-11.000A1-	11		140	206	158	45	12	☹
	★ DC180-12-11.100A1-	11,1		140	206	158	45	12	☹
	★ DC180-12-11.113A1-	11,113	7/16"	140	206	158	45	12	☹
	★ DC180-12-11.200A1-	11,2		140	206	158	45	12	☹
	★ DC180-12-11.500A1-	11,5		140	206	158	45	12	☹
	★ DC180-12-11.509A1-	11,509	29/64"	140	206	158	45	12	☹
	★ DC180-12-11.700A1-	11,7		140	206	158	45	12	☹
	★ DC180-12-11.800A1-	11,8		140	206	158	45	12	☹
	★ DC180-12-11.906A1-	11,906	15/32"	140	206	158	45	12	☹
	★ DC180-12-12.000A1-	12		140	206	158	45	12	☹
	★ DC180-12-12.100A1-	12,1		168	230	182	45	14	☹
	★ DC180-12-12.200A1-	12,2		168	230	182	45	14	☹
	★ DC180-12-12.300A1-	12,3		168	230	182	45	14	☹
	★ DC180-12-12.303A1-	12,303	31/64"	168	230	182	45	14	☹
	★ DC180-12-12.500A1-	12,5		168	230	182	45	14	☹
	★ DC180-12-12.600A1-	12,6		168	230	182	45	14	☹
	★ DC180-12-12.700A1-	12,700	1/2"	168	230	182	45	14	☹
	★ DC180-12-13.000A1-	13		168	230	182	45	14	☹
	★ DC180-12-13.494A1-	13,494	17/32"	168	230	182	45	14	☹
	★ DC180-12-13.500A1-	13,5		168	230	182	45	14	☹
	★ DC180-12-14.000A1-	14		168	230	182	45	14	☹
	★ DC180-12-14.288A1-	14,288	9/16"	192	260	208	48	16	☹
	★ DC180-12-14.500A1-	14,5		192	260	208	48	16	☹
	★ DC180-12-15.000A1-	15		192	260	208	48	16	☹
	★ DC180-12-15.500A1-	15,5		192	260	208	48	16	☹
	★ DC180-12-15.875A1-	15,875	5/8"	192	260	208	48	16	☹
	★ DC180-12-16.000A1-	16		192	260	208	48	16	☹
	★ DC180-12-16.500A1-	16,5		216	285	234	48	18	☹
	★ DC180-12-17.000A1-	17		216	285	234	48	18	☹
	★ DC180-12-17.500A1-	17,5		216	285	234	48	18	☹
	★ DC180-12-18.000A1-	18		216	285	234	48	18	☹
	★ DC180-12-18.500A1-	18,5		238	310	258	50	20	☹
	★ DC180-12-19.000A1-	19		238	310	258	50	20	☹
	★ DC180-12-19.500A1-	19,5		238	310	258	50	20	☹
	★ DC180-12-20.000A1-	20		238	310	258	50	20	☹

Ordering example for the grade WJ30EY: DC180-12-03.000A1-WJ30EY

**WALTER
SELECT**

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

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

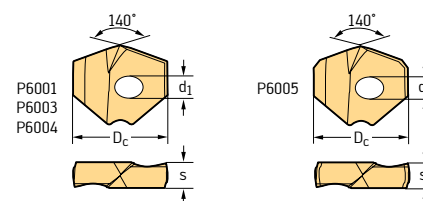

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D4580

WALTER SELECT

●● Primary application ● Other application

P6001 / P6003 / P6004 / P6005 / P6006



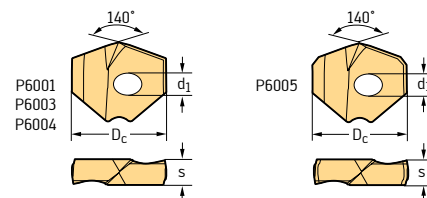
	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P			M	K	N	S
							HC			HC	HC	HC	H
							WPP25	WMP35	WPP45C	WMP35	WKK45C	WNN25	WMD35
	P6001-D12,00R	1	12	A	3	3,6							
	P6001-D12,10R	1	12,1	A	3	3,6							
	P6001-D12,20R	1	12,2	A	3	3,6							
	P6001-D12,30R	1	12,3	A	3	3,6							
	P6001-D12,40R	1	12,4	A	3	3,6							
	P6001-D12,50R	1	12,5	A	3	3,6							
	P6001-D12,60R	1	12,6	A	3	3,6							
	P6001-D12,70R	1	12,7	A	3	3,6							
	P6001-D12,80R	1	12,8	A	3	3,6							
	P6001-D12,90R	1	12,9	A	3	3,6							
	P6001-D13,00R	1	13	A	3	3,6							
	P6001-D13,11R	1	13,11	A	3	3,6							
	P6001-D13,20R	1	13,2	A	3	3,6							
	P6001-D13,30R	1	13,3	A	3	3,6							
	P6001-D13,40R	1	13,4	A	3	3,6							
	P6001-D13,50R	1	13,5	A	3	3,6							
	P6001-D13,60R	1	13,6	A	3	3,6							
	P6001-D13,70R	1	13,7	A	3	3,6							
	P6001-D13,80R	1	13,8	A	3	3,6							
	P6001-D13,89R	1	13,89	A	3	3,6							
	P6001-D14,00R	1	14	B	3	4							
	P6001-D14,10R	1	14,1	B	3	4							
	P6001-D14,20R	1	14,2	B	3	4							
	P6001-D14,30R	1	14,3	B	3	4							
	P6001-D14,40R	1	14,4	B	3	4							
	P6001-D14,50R	1	14,5	B	3	4							
	P6001-D14,60R	1	14,6	B	3	4							
	P6001-D14,68R	1	14,68	B	3	4							
	P6001-D14,80R	1	14,8	B	3	4							
	P6001-D14,90R	1	14,9	B	3	4							
	P6001-D15,00R	1	15	B	3	4							
	P6001-D15,09R	1	15,09	B	3	4							
	P6001-D15,20R	1	15,2	B	3	4							
	P6001-D15,30R	1	15,3	B	3	4							
	P6001-D15,47R	1	15,47	B	3	4							

Ordering example: P60..-D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

HC = Coated carbide

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1



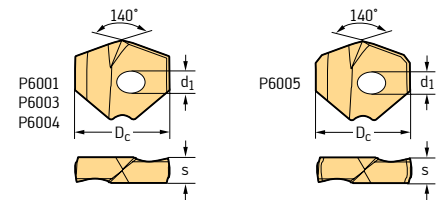
	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P		M	K	N	S
							HC		HC	HC	HC	HC
							WPP25	WMP35	WPP45C	WMP35	WKK45C	WNN25
	P6001-D16,43R	1	16,43	C	4	4,5						
	P6001-D16,50R	1	16,5	C	4	4,5						
	P6001-D16,66R	1	16,66	C	4	4,5						
	P6001-D16,70R	1	16,7	C	4	4,5						
	P6001-D17,00R	1	17	C	4	4,5						
	P6001-D17,07R	1	17,07	C	4	4,5						
	P6001-D17,20R	1	17,2	C	4	4,5						
	P6001-D17,45R	1	17,45	C	4	4,5						
	P6001-D17,50R	1	17,5	C	4	4,5						
	P6001-D17,70R	1	17,7	C	4	4,5						
	P6001-D17,86R	1	17,86	C	4	4,5						
	P6001-D18,00R	1	18	D	4	5						
	P6001-D18,24R	1	18,24	D	4	5						
	P6001-D18,50R	1	18,5	D	4	5						
	P6001-D18,65R	1	18,65	D	4	5						
	P6001-D18,70R	1	18,7	D	4	5						
	P6001-D18,80R	1	18,8	D	4	5						
	P6001-D19,00R	1	19	D	4	5						
	P6001-D19,05R	1	19,05	D	4	5						
	P6001-D19,20R	1	19,2	D	4	5						
	P6001-D19,25R	1	19,25	D	4	5						
	P6001-D19,30R	1	19,3	D	4	5						
	P6001-D19,43R	1	19,43	D	4	5						
	P6001-D19,50R	1	19,5	D	4	5						
	P6001-D19,60R	1	19,6	D	4	5						
	P6001-D19,70R	1	19,7	D	4	5						
	P6001-D19,84R	1	19,84	D	4	5						
	P6001-D20,00R	1	20	E	5	5,5						
	P6001-D20,20R	1	20,2	E	5	5,5						
	P6001-D20,24R	1	20,24	E	5	5,5						
	P6001-D20,50R	1	20,5	E	5	5,5						
	P6001-D20,62R	1	20,62	E	5	5,5						
	P6001-D20,70R	1	20,7	E	5	5,5						
	P6001-D21,00R	1	21	E	5	5,5						
	P6001-D21,41R	1	21,41	E	5	5,5						
	P6001-D21,50R	1	21,5	E	5	5,5						
P6001-D21,70R	1	21,7	E	5	5,5							
P6001-D21,83R	1	21,83	E	5	5,5							
P6001-D22,00R	1	22	F	5	6							
P6001-D22,22R	1	22,22	F	5	6							
P6001-D22,42R	1	22,42	F	5	6							
P6001-D22,50R	1	22,5	F	5	6							
P6001-D22,62R	1	22,62	F	5	6							

Ordering example: P60...-D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

HC = Coated carbide

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P		M	K	N	S
							HC		HC	HC	HC	HC
							WPP25	WMP35	WPP45C	WMP35	WKK45C	WNA25
	P6001-D22,70R	1	22,7	F	5	6						
	P6001-D23,00R	1	23	F	5	6						
	P6001-D23,39R	1	23,39	F	5	6						
	P6001-D23,50R	1	23,5	F	5	6						
	P6001-D23,70R	1	23,7	F	5	6						
	P6001-D23,80R	1	23,8	F	5	6						
	P6001-D24,00R	1	24	G	5	6,5						
	P6001-D24,21R	1	24,21	G	5	6,5						
	P6001-D24,50R	1	24,5	G	5	6,5						
	P6001-D24,59R	1	24,59	G	5	6,5						
	P6001-D24,70R	1	24,7	G	5	6,5						
	P6001-D25,00R	1	25	G	5	6,5						
	P6001-D25,25R	1	25,25	G	5	6,5						
	P6001-D25,40R	1	25,4	G	5	6,5						
	P6001-D25,50R	1	25,5	G	5	6,5						
	P6001-D25,65R	1	25,65	G	5	6,5						
	P6001-D25,70R	1	25,7	G	5	6,5						
	P6001-D25,80R	1	25,8	G	5	6,5						
	P6001-D26,00R	1	26	H	6	7,1						
	P6001-D26,25R	1	26,25	H	6	7,1						
	P6001-D26,50R	1	26,5	H	6	7,1						
	P6001-D26,59R	1	26,59	H	6	7,1						
	P6001-D27,00R	1	27	H	6	7,1						
	P6001-D27,38R	1	27,38	H	6	7,1						
	P6001-D27,50R	1	27,5	H	6	7,1						
	P6001-D27,78R	1	27,78	H	6	7,1						
	P6001-D28,00R	1	28	J	6	7,7						
	P6001-D28,17R	1	28,17	J	6	7,7						
	P6001-D28,50R	1	28,5	J	6	7,7						
	P6001-D28,57R	1	28,57	J	6	7,7						
	P6001-D29,00R	1	29	J	6	7,7						
	P6001-D29,37R	1	29,37	J	6	7,7						
	P6001-D29,50R	1	29,5	J	6	7,7						
	P6001-D29,77R	1	29,77	J	6	7,7						
	P6001-D30,00R	1	30	K	6	8						
	P6001-D30,15R	1	30,15	K	6	8						
	P6001-D30,50R	1	30,5	K	6	8						
	P6001-D31,00R	1	31	K	6	8						
	P6001-D31,50R	1	31,5	K	6	8						
	P6001-D31,75R	1	31,75	K	6	8						
	P6001-D31,99R	1	31,99	K	6	8						
	P6001-D32,00R	1	32	M	6	8,3						
	P6001-D32,10R	1	32,1	M	6	8,3						

Ordering example: P60.. -D13.00R is available as

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as

P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C

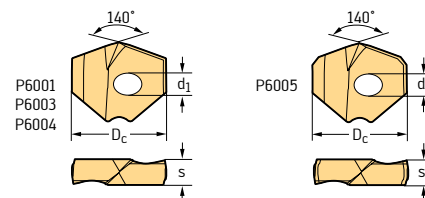
Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

HC = Coated carbide

B1

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1

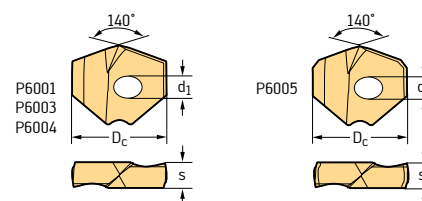
	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P			M	K	N	S
							HC	HC	HC	HC	HC	HC	HC
							WPP25	WMP35	WPP45C	WMP35	WKK45C	WNN25	WMP35
	P6001-D33,00R	1	33	M	6	8,3							
	P6001-D34,00R	1	34	N	6	8,6							
	P6001-D35,00R	1	35	N	6	8,6							
	P6001-D36,00R	1	36	P	6	8,9							
	P6001-D37,00R	1	37	P	6	8,9							
	P6001-D37,99R	1	37,99	P	6	8,9							
	P6003-D12,00R	1	12	A	3	3,6							
	P6003-D12,10R	1	12,1	A	3	3,6							
	P6003-D12,20R	1	12,2	A	3	3,6							
	P6003-D12,30R	1	12,3	A	3	3,6							
	P6003-D12,40R	1	12,4	A	3	3,6							
	P6003-D12,50R	1	12,5	A	3	3,6							
	P6003-D12,60R	1	12,6	A	3	3,6							
	P6003-D12,70R	1	12,7	A	3	3,6							
	P6003-D12,80R	1	12,8	A	3	3,6							
	P6003-D12,90R	1	12,9	A	3	3,6							
	P6003-D12,95R	1	12,95	A	3	3,6							
	P6003-D13,00R	1	13	A	3	3,6							
	P6003-D13,11R	1	13,11	A	3	3,6							
	P6003-D13,20R	1	13,2	A	3	3,6							
	P6003-D13,25R	1	13,25	A	3	3,6							
	P6003-D13,30R	1	13,3	A	3	3,6							
	P6003-D13,40R	1	13,4	A	3	3,6							
	P6003-D13,50R	1	13,5	A	3	3,6							
	P6003-D13,60R	1	13,6	A	3	3,6							
	P6003-D13,70R	1	13,7	A	3	3,6							
	P6003-D13,80R	1	13,8	A	3	3,6							
	P6003-D13,89R	1	13,89	A	3	3,6							
	P6003-D14,00R	1	14	B	3	4							
	P6003-D14,10R	1	14,1	B	3	4							
	P6003-D14,20R	1	14,2	B	3	4							
	P6003-D14,30R	1	14,3	B	3	4							
	P6003-D14,40R	1	14,4	B	3	4							
	P6003-D14,50R	1	14,5	B	3	4							
	P6003-D14,60R	1	14,6	B	3	4							
	P6003-D14,68R	1	14,68	B	3	4							
	P6003-D14,80R	1	14,8	B	3	4							
	P6003-D14,90R	1	14,9	B	3	4							
	P6003-D15,00R	1	15	B	3	4							
	P6003-D15,09R	1	15,09	B	3	4							
	P6003-D15,20R	1	15,2	B	3	4							
	P6003-D15,30R	1	15,3	B	3	4							
	P6003-D15,40R	1	15,4	B	3	4							

Ordering example: P60.. -D13,00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13,00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13,00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

HC = Coated carbide

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P		M	K	N	S
							WPP25	HC	WMP35	HC	HC	HC
	P6003-D15,47R	1	15,47	B	3	4						
	P6003-D15,50R	1	15,5	B	3	4						
	P6003-D15,60R	1	15,6	B	3	4						
	P6003-D15,70R	1	15,7	B	3	4						
	P6003-D15,80R	1	15,8	B	3	4						
	P6003-D15,87R	1	15,87	B	3	4						
	P6003-D16,00R	1	16	C	4	4,5						
	P6003-D16,13R	1	16,13	C	4	4,5						
	P6003-D16,26R	1	16,26	C	4	4,5						
	P6003-D16,43R	1	16,43	C	4	4,5						
	P6003-D16,50R	1	16,5	C	4	4,5						
	P6003-D16,66R	1	16,66	C	4	4,5						
	P6003-D16,70R	1	16,7	C	4	4,5						
	P6003-D17,00R	1	17	C	4	4,5						
	P6003-D17,07R	1	17,07	C	4	4,5						
	P6003-D17,20R	1	17,2	C	4	4,5						
	P6003-D17,45R	1	17,45	C	4	4,5						
	P6003-D17,50R	1	17,5	C	4	4,5						
	P6003-D17,70R	1	17,7	C	4	4,5						
	P6003-D17,86R	1	17,86	C	4	4,5						
	P6003-D18,00R	1	18	D	4	5						
	P6003-D18,24R	1	18,24	D	4	5						
	P6003-D18,50R	1	18,5	D	4	5						
	P6003-D18,65R	1	18,65	D	4	5						
	P6003-D18,70R	1	18,7	D	4	5						
	P6003-D18,80R	1	18,8	D	4	5						
	P6003-D19,00R	1	19	D	4	5						
	P6003-D19,05R	1	19,05	D	4	5						
	P6003-D19,20R	1	19,2	D	4	5						
	P6003-D19,25R	1	19,25	D	4	5						
	P6003-D19,30R	1	19,3	D	4	5						
	P6003-D19,43R	1	19,43	D	4	5						
	P6003-D19,50R	1	19,5	D	4	5						
	P6003-D19,60R	1	19,6	D	4	5						
	P6003-D19,70R	1	19,7	D	4	5						
	P6003-D19,84R	1	19,84	D	4	5						
	P6003-D20,00R	1	20	E	5	5,5						
	P6003-D20,20R	1	20,2	E	5	5,5						
	P6003-D20,24R	1	20,24	E	5	5,5						
	P6003-D20,50R	1	20,5	E	5	5,5						
	P6003-D20,62R	1	20,62	E	5	5,5						
	P6003-D20,70R	1	20,7	E	5	5,5						
	P6003-D21,00R	1	21	E	5	5,5						

Ordering example: P60.. -D13.00R is available as

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as

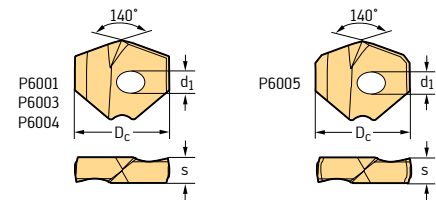
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C

Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

HC = Coated carbide

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1

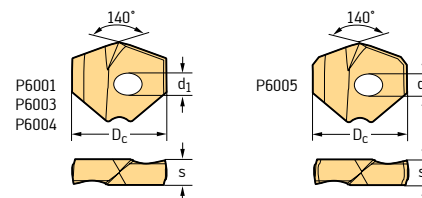
	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P		M	K	N	S
							HC	HC	HC	HC	HC	HC
							WPP25	WMP35	WPP45C	WMP35	WKK45C	WNN25
	P6003-D21,41R	1	21,41	E	5	5,5						
	P6003-D21,50R	1	21,5	E	5	5,5						
	P6003-D21,70R	1	21,7	E	5	5,5						
	P6003-D21,83R	1	21,83	E	5	5,5						
	P6003-D22,00R	1	22	F	5	6						
	P6003-D22,22R	1	22,22	F	5	6						
	P6003-D22,42R	1	22,42	F	5	6						
	P6003-D22,47R	1	22,47	F	5	6						
	P6003-D22,50R	1	22,5	F	5	6						
	P6003-D22,62R	1	22,62	F	5	6						
	P6003-D22,70R	1	22,7	F	5	6						
	P6003-D22,77R	1	22,77	F	5	6						
	P6003-D23,00R	1	23	F	5	6						
	P6003-D23,39R	1	23,39	F	5	6						
	P6003-D23,50R	1	23,5	F	5	6						
	P6003-D23,70R	1	23,7	F	5	6						
	P6003-D23,80R	1	23,8	F	5	6						
	P6003-D24,00R	1	24	G	5	6,5						
	P6003-D24,21R	1	24,21	G	5	6,5						
	P6003-D24,50R	1	24,5	G	5	6,5						
	P6003-D24,59R	1	24,59	G	5	6,5						
	P6003-D24,70R	1	24,7	G	5	6,5						
	P6003-D25,00R	1	25	G	5	6,5						
	P6003-D25,25R	1	25,25	G	5	6,5						
	P6003-D25,40R	1	25,4	G	5	6,5						
	P6003-D25,50R	1	25,5	G	5	6,5						
	P6003-D25,65R	1	25,65	G	5	6,5						
	P6003-D25,70R	1	25,7	G	5	6,5						
	P6003-D25,80R	1	25,8	G	5	6,5						
	P6003-D26,00R	1	26	H	6	7,1						
	P6003-D26,25R	1	26,25	H	6	7,1						
	P6003-D26,50R	1	26,5	H	6	7,1						
	P6003-D26,59R	1	26,59	H	6	7,1						
	P6003-D27,00R	1	27	H	6	7,1						
	P6003-D27,38R	1	27,38	H	6	7,1						
	P6003-D27,50R	1	27,5	H	6	7,1						
	P6003-D27,78R	1	27,78	H	6	7,1						
	P6003-D28,00R	1	28	J	6	7,7						
	P6003-D28,17R	1	28,17	J	6	7,7						
	P6003-D28,50R	1	28,5	J	6	7,7						
	P6003-D28,57R	1	28,57	J	6	7,7						
	P6003-D29,00R	1	29	J	6	7,7						
	P6003-D29,37R	1	29,37	J	6	7,7						

Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

HC = Coated carbide

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P			M			N			S
							WPP25	WMP35	WPP45C	WMP35	WKK45C	WNN25	WNN25	WNN25	WMP35	
	P6003-D29,50R	1	29,5	J	6	7,7										
	P6003-D29,77R	1	29,77	J	6	7,7										
	P6003-D30,00R	1	30	K	6	8										
	P6003-D30,15R	1	30,15	K	6	8										
	P6003-D30,50R	1	30,5	K	6	8										
	P6003-D31,00R	1	31	K	6	8										
	P6003-D31,50R	1	31,5	K	6	8										
	P6003-D31,75R	1	31,75	K	6	8										
	P6003-D31,99R	1	31,99	K	6	8										
	P6003-D32,00R	1	32	M	6	8,3										
	P6003-D32,10R	1	32,1	M	6	8,3										
	P6003-D33,00R	1	33	M	6	8,3										
	P6003-D34,00R	1	34	N	6	8,6										
	P6003-D35,00R	1	35	N	6	8,6										
	P6003-D36,00R	1	36	P	6	8,9										
	P6003-D37,00R	1	37	P	6	8,9										
	P6003-D37,99R	1	37,99	P	6	8,9										
	P6004-D12,00R	1	12	A	3	3,6										
	P6004-D12,50R	1	12,5	A	3	3,6										
	P6004-D13,00R	1	13	A	3	3,6										
	P6004-D13,50R	1	13,5	A	3	3,6										
	P6004-D14,00R	1	14	B	3	4										
	P6004-D14,50R	1	14,5	B	3	4										
	P6004-D14,80R	1	14,8	B	3	4										
	P6004-D15,00R	1	15	B	3	4										
	P6004-D15,50R	1	15,5	B	3	4										
	P6004-D16,00R	1	16	C	4	4,5										
	P6004-D16,50R	1	16,5	C	4	4,5										
	P6004-D16,66R	1	16,66	C	4	4,5										
	P6004-D17,00R	1	17	C	4	4,5										
	P6004-D17,50R	1	17,5	C	4	4,5										
	P6004-D17,70R	1	17,7	C	4	4,5										
	P6004-D18,00R	1	18	D	4	5										
	P6004-D18,50R	1	18,5	D	4	5										
	P6004-D18,65R	1	18,65	D	4	5										
	P6004-D19,00R	1	19	D	4	5										
	P6004-D19,50R	1	19,5	D	4	5										
	P6004-D19,70R	1	19,7	D	4	5										
	P6004-D19,84R	1	19,84	D	4	5										
	P6004-D20,00R	1	20	E	5	5,5										
	P6004-D20,50R	1	20,5	E	5	5,5										
	P6004-D21,00R	1	21	E	5	5,5										
	P6004-D21,50R	1	21,5	E	5	5,5										

Ordering example: P60.. -D13.00R is available as

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as

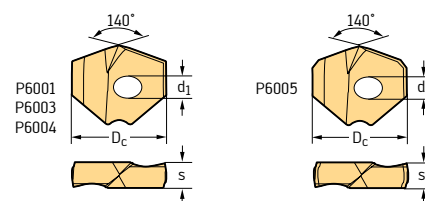
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C

Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

HC = Coated carbide

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1

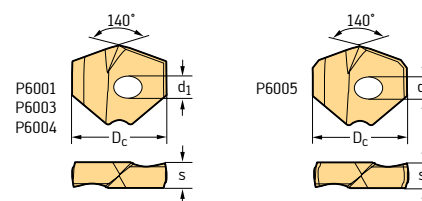
	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P			M	K	N	S
							WPP25	WMP35	WPP45C	WMP35	WKK45C	WNN25	WMP35
	P6004-D21,70R	1	21,7	E	5	5,5							
	P6004-D22,00R	1	22	F	5	6							
	P6004-D22,50R	1	22,5	F	5	6							
	P6004-D23,00R	1	23	F	5	6							
	P6004-D23,50R	1	23,5	F	5	6							
	P6004-D24,00R	1	24	G	5	6,5							
	P6004-D24,50R	1	24,5	G	5	6,5							
	P6004-D25,00R	1	25	G	5	6,5							
	P6004-D25,50R	1	25,5	G	5	6,5							
	P6004-D26,00R	1	26	H	6	7,1							
	P6004-D26,50R	1	26,5	H	6	7,1							
	P6004-D27,00R	1	27	H	6	7,1							
	P6004-D27,50R	1	27,5	H	6	7,1							
	P6004-D28,00R	1	28	J	6	7,7							
	P6004-D28,50R	1	28,5	J	6	7,7							
	P6004-D29,00R	1	29	J	6	7,7							
	P6004-D29,50R	1	29,5	J	6	7,7							
	P6004-D30,00R	1	30	K	6	8							
	P6004-D30,50R	1	30,5	K	6	8							
	P6004-D31,00R	1	31	K	6	8							
	P6004-D31,50R	1	31,5	K	6	8							
	P6005-D12,00R	1	12	A	3	3,6							
	P6005-D12,10R	1	12,1	A	3	3,6							
	P6005-D12,20R	1	12,2	A	3	3,6							
	P6005-D12,30R	1	12,3	A	3	3,6							
	P6005-D12,40R	1	12,4	A	3	3,6							
	P6005-D12,50R	1	12,5	A	3	3,6							
	P6005-D12,60R	1	12,6	A	3	3,6							
	P6005-D12,70R	1	12,7	A	3	3,6							
	P6005-D12,80R	1	12,8	A	3	3,6							
	P6005-D12,90R	1	12,9	A	3	3,6							
	P6005-D12,95R	1	12,95	A	3	3,6							
	P6005-D13,00R	1	13	A	3	3,6							
	P6005-D13,10R	1	13,1	A	3	3,6							
	P6005-D13,20R	1	13,2	A	3	3,6							
	P6005-D13,25R	1	13,25	A	3	3,6							
	P6005-D13,30R	1	13,3	A	3	3,6							
	P6005-D13,40R	1	13,4	A	3	3,6							
	P6005-D13,49R	1	13,49	A	3	3,6							
	P6005-D13,50R	1	13,5	A	3	3,6							
	P6005-D13,60R	1	13,6	A	3	3,6							
	P6005-D13,70R	1	13,7	A	3	3,6							
	P6005-D13,80R	1	13,8	A	3	3,6							

Ordering example: P60.. -D13,00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13,00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13,00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

HC = Coated carbide

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P			M	K	N	S
							WPP25	WMP35	WPP45C	WMP35	WKK45C	WNN25	WMP35
	P6005-D13,90R	1	13,9	A	3	3,6							
	P6005-D14,00R	1	14	B	3	4							
	P6005-D14,10R	1	14,1	B	3	4							
	P6005-D14,20R	1	14,2	B	3	4							
	P6005-D14,29R	1	14,29	B	3	4							
	P6005-D14,30R	1	14,3	B	3	4							
	P6005-D14,40R	1	14,4	B	3	4							
	P6005-D14,50R	1	14,5	B	3	4							
	P6005-D14,60R	1	14,6	B	3	4							
	P6005-D14,68R	1	14,68	B	3	4							
	P6005-D14,70R	1	14,7	B	3	4							
	P6005-D14,80R	1	14,8	B	3	4							
	P6005-D14,90R	1	14,9	B	3	4							
	P6005-D15,00R	1	15	B	3	4							
	P6005-D15,08R	1	15,08	B	3	4							
	P6005-D15,09R	1	15,09	B	3	4							
	P6005-D15,10R	1	15,1	B	3	4							
	P6005-D15,20R	1	15,2	B	3	4							
	P6005-D15,30R	1	15,3	B	3	4							
	P6005-D15,40R	1	15,4	B	3	4							
	P6005-D15,50R	1	15,5	B	3	4							
	P6005-D15,60R	1	15,6	B	3	4							
	P6005-D15,70R	1	15,7	B	3	4							
	P6005-D15,80R	1	15,8	B	3	4							
	P6005-D15,88R	1	15,88	B	3	4							
	P6005-D15,90R	1	15,9	B	3	4							
	P6005-D16,00R	1	16	C	4	4,5							
	P6005-D16,13R	1	16,13	C	4	4,5							
	P6005-D16,26R	1	16,26	C	4	4,5							
	P6005-D16,27R	1	16,27	C	4	4,5							
	P6005-D16,43R	1	16,43	C	4	4,5							
	P6005-D16,50R	1	16,5	C	4	4,5							
	P6005-D16,66R	1	16,66	C	4	4,5							
	P6005-D16,67R	1	16,67	C	4	4,5							
	P6005-D16,70R	1	16,7	C	4	4,5							
	P6005-D16,80R	1	16,8	C	4	4,5							
	P6005-D17,00R	1	17	C	4	4,5							
	P6005-D17,07R	1	17,07	C	4	4,5							
	P6005-D17,20R	1	17,2	C	4	4,5							
	P6005-D17,45R	1	17,45	C	4	4,5							
	P6005-D17,50R	1	17,5	C	4	4,5							
	P6005-D17,70R	1	17,7	C	4	4,5							
	P6005-D17,80R	1	17,8	C	4	4,5							

Ordering example: P60.. -D13,00R is available as

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13,00R WMP35 or as

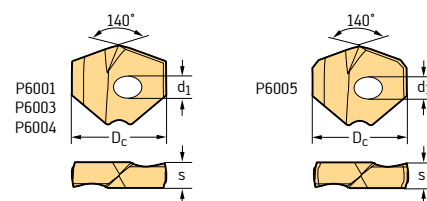
P6001 in grade WPP45C (ISO P): P6001-D13,00R WPP45C

Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

HC = Coated carbide

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1

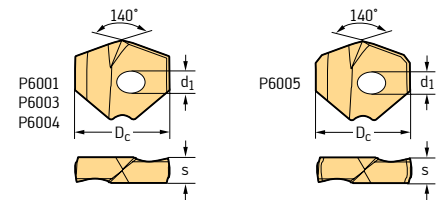
Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P			M	K	N	S
						WPP25	WMP35	WPP45C	WMP35	WKK45C	WNN25	WMP35
	P6005-D17,86R	1	17,86	C	4	4,5						
	P6005-D18,00R	1	18	D	4	5						
	P6005-D18,24R	1	18,24	D	4	5						
	P6005-D18,26R	1	18,26	D	4	5						
	P6005-D18,50R	1	18,5	D	4	5						
	P6005-D18,65R	1	18,65	D	4	5						
	P6005-D18,70R	1	18,7	D	4	5						
	P6005-D18,80R	1	18,8	D	4	5						
	P6005-D19,00R	1	19	D	4	5						
	P6005-D19,05R	1	19,05	D	4	5						
	P6005-D19,20R	1	19,2	D	4	5						
	P6005-D19,25R	1	19,25	D	4	5						
	P6005-D19,30R	1	19,3	D	4	5						
	P6005-D19,35R	1	19,35	D	4	5						
	P6005-D19,43R	1	19,43	D	4	5						
	P6005-D19,50R	1	19,5	D	4	5						
	P6005-D19,60R	1	19,6	D	4	5						
	P6005-D19,70R	1	19,7	D	4	5						
	P6005-D19,80R	1	19,8	D	4	5						
	P6005-D19,84R	1	19,84	D	4	5						
	P6005-D20,00R	1	20	E	5	5,5						
	P6005-D20,20R	1	20,2	E	5	5,5						
	P6005-D20,24R	1	20,24	E	5	5,5						
	P6005-D20,50R	1	20,5	E	5	5,5						
	P6005-D20,62R	1	20,62	E	5	5,5						
	P6005-D20,70R	1	20,7	E	5	5,5						
	P6005-D21,00R	1	21	E	5	5,5						
	P6005-D21,12R	1	21,12	E	5	5,5						
	P6005-D21,41R	1	21,41	E	5	5,5						
	P6005-D21,43R	1	21,43	E	5	5,5						
	P6005-D21,50R	1	21,5	E	5	5,5						
	P6005-D21,70R	1	21,7	E	5	5,5						
	P6005-D21,83R	1	21,83	E	5	5,5						
	P6005-D22,00R	1	22	F	5	6						
	P6005-D22,22R	1	22,22	F	5	6						
	P6005-D22,23R	1	22,23	F	5	6						
	P6005-D22,42R	1	22,42	F	5	6						
	P6005-D22,50R	1	22,5	F	5	6						
	P6005-D22,70R	1	22,7	F	5	6						
	P6005-D22,77R	1	22,77	F	5	6						
	P6005-D23,00R	1	23	F	5	6						
	P6005-D23,02R	1	23,02	F	5	6						
	P6005-D23,39R	1	23,39	F	5	6						

Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

HC = Coated carbide

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P			M			K			N			S		
						WPP25	WMP35	WPP45C	WMP35	WMP45C	WMP35	WMP45C	WMP35	WMP45C	WMP35	WMP45C	WMP35	WMP45C	WMP35	WMP45C
 P6005-D23,50R	1	23,5	F	5	6															
P6005-D23,70R	1	23,7	F	5	6															
P6005-D23,80R	1	23,8	F	5	6															
P6005-D23,81R	1	23,81	F	5	6															
P6005-D24,00R	1	24	G	5	6,5															
P6005-D24,21R	1	24,21	G	5	6,5															
P6005-D24,50R	1	24,5	G	5	6,5															
P6005-D24,59R	1	24,59	G	5	6,5															
P6005-D24,61R	1	24,61	G	5	6,5															
P6005-D24,70R	1	24,7	G	5	6,5															
P6005-D25,00R	1	25	G	5	6,5															
P6005-D25,25R	1	25,25	G	5	6,5															
P6005-D25,40R	1	25,4	G	5	6,5															
P6005-D25,50R	1	25,5	G	5	6,5															
P6005-D25,70R	1	25,7	G	5	6,5															
P6005-D25,80R	1	25,8	G	5	6,5															
P6005-D26,00R	1	26	H	6	7,1															
P6005-D26,25R	1	26,25	H	6	7,1															
P6005-D26,50R	1	26,5	H	6	7,1															
P6005-D26,59R	1	26,59	H	6	7,1															
P6005-D27,00R	1	27	H	6	7,1															
P6005-D27,50R	1	27,5	H	6	7,1															
P6005-D27,78R	1	27,78	H	6	7,1															
P6005-D28,00R	1	28	J	6	7,7															
P6005-D28,17R	1	28,17	J	6	7,7															
P6005-D28,50R	1	28,5	J	6	7,7															
P6005-D28,57R	1	28,57	J	6	7,7															
P6005-D29,00R	1	29	J	6	7,7															
P6005-D29,50R	1	29,5	J	6	7,7															
P6005-D29,77R	1	29,77	J	6	7,7															
P6005-D30,00R	1	30	K	6	8															
P6005-D30,15R	1	30,15	K	6	8															
P6005-D30,50R	1	30,5	K	6	8															
P6005-D31,00R	1	31	K	6	8															
P6005-D31,50R	1	31,5	K	6	8															
P6005-D31,75R	1	31,75	K	6	8															
P6005-D31,99R	1	31,99	K	6	8															
P6005-D32,00R	1	32	M	6	8,3															
P6005-D32,10R	1	32,1	M	6	8,3															
P6005-D33,00R	1	33	M	6	8,3															
P6005-D34,00R	1	34	N	6	8,6															
P6005-D35,00R	1	35	N	6	8,6															
P6005-D36,00R	1	36	P	6	8,9															

Ordering example: P60.. -D13.00R is available as

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as

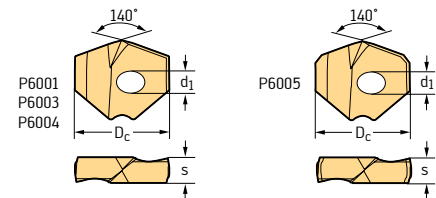
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C

Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

HC = Coated carbide

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1

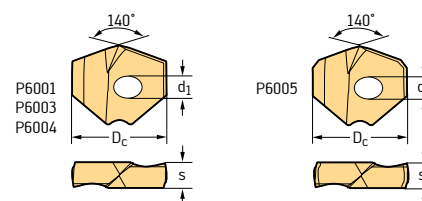
	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P		M		K		N		S	
							WPP25	HC	WMP35	HC	WPP45C	HC	WMP35	HC	WMP35	HC
	P6005-D37,00R	1	37	P	6	8,9										
	P6005-D37,99R	1	37,99	P	6	8,9										
	P6006-D12,00R	1	12	A	3,4	3,6	☺									
	P6006-D12,10R	1	12,1	A	3,4	3,6	☺									
	P6006-D12,20R	1	12,2	A	3,4	3,6	☺									
	P6006-D12,30R	1	12,3	A	3,4	3,6	☺									
	P6006-D12,40R	1	12,4	A	3,4	3,6	☺									
	P6006-D12,50R	1	12,5	A	3,4	3,6	☺									
	P6006-D12,60R	1	12,6	A	3,4	3,6	☺									
	P6006-D12,70R	1	12,7	A	3,4	3,6	☺									
	P6006-D12,80R	1	12,8	A	3,4	3,6	☺									
	P6006-D12,90R	1	12,9	A	3,4	3,6	☺									
	P6006-D12,95R	1	12,95	A	3,4	3,6	☺									
	P6006-D13,00R	1	13	A	3,4	3,6	☺									
	P6006-D13,11R	1	13,11	A	3,4	3,6	☺									
	P6006-D13,20R	1	13,2	A	3,4	3,6	☺									
	P6006-D13,25R	1	13,25	A	3,4	3,6	☺									
	P6006-D13,30R	1	13,3	A	3,4	3,6	☺									
	P6006-D13,35R	1	13,35	A	3,4	3,6	☺									
	P6006-D13,40R	1	13,4	A	3,4	3,6	☺									
	P6006-D13,45R	1	13,45	A	3,4	3,6	☺									
	P6006-D13,50R	1	13,5	A	3,4	3,6	☺									
	P6006-D13,60R	1	13,6	A	3,4	3,6	☺									
	P6006-D13,70R	1	13,7	A	3,4	3,6	☺									
	P6006-D13,80R	1	13,8	A	3,4	3,6	☺									
	P6006-D13,89R	1	13,89	A	3,4	3,6	☺									
	P6006-D14,00R	1	14	B	3,4	4	☺									
	P6006-D14,10R	1	14,1	B	3,4	4	☺									
	P6006-D14,20R	1	14,2	B	3,4	4	☺									
	P6006-D14,30R	1	14,3	B	3,4	4	☺									
	P6006-D14,40R	1	14,4	B	3,4	4	☺									
	P6006-D14,50R	1	14,5	B	3,4	4	☺									
	P6006-D14,60R	1	14,6	B	3,4	4	☺									
	P6006-D14,68R	1	14,68	B	3,4	4	☺									
	P6006-D14,80R	1	14,8	B	3,4	4	☺									
	P6006-D14,90R	1	14,9	B	3,4	4	☺									
	P6006-D15,00R	1	15	B	3,4	4	☺									
	P6006-D15,09R	1	15,09	B	3,4	4	☺									
	P6006-D15,20R	1	15,2	B	3,4	4	☺									
	P6006-D15,30R	1	15,3	B	3,4	4	☺									
	P6006-D15,35R	1	15,35	B	3,4	4	☺									
	P6006-D15,40R	1	15,4	B	3,4	4	☺									
	P6006-D15,47R	1	15,47	B	3,4	4	☺									

Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel); P6006-D13.00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S); P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P); P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

HC = Coated carbide

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P		M		K		N		S	
							WPP25	HC	WMP35	HC	WPP45C	HC	WMP35	HC	WMP35	HC
	P6006-D15,50R	1	15,5	B	3,4	4	☺									
	P6006-D15,60R	1	15,6	B	3,4	4	☺									
	P6006-D15,70R	1	15,7	B	3,4	4	☺									
	P6006-D15,80R	1	15,8	B	3,4	4	☺									
	P6006-D15,87R	1	15,87	B	3,4	4	☺									
	P6006-D16,00R	1	16	C	4,4	4,5	☺									
	P6006-D16,13R	1	16,13	C	4,4	4,5	☺									
	P6006-D16,26R	1	16,26	C	4,4	4,5	☺									
	P6006-D16,43R	1	16,43	C	4,4	4,5	☺									
	P6006-D16,50R	1	16,5	C	4,4	4,5	☺									
	P6006-D16,66R	1	16,66	C	4,4	4,5	☺									
	P6006-D16,70R	1	16,7	C	4,4	4,5	☺									
	P6006-D16,85R	1	16,85	C	4,4	4,5	☺									
	P6006-D17,00R	1	17	C	4,4	4,5	☺									
	P6006-D17,07R	1	17,07	C	4,4	4,5	☺									
	P6006-D17,20R	1	17,2	C	4,4	4,5	☺									
	P6006-D17,35R	1	17,35	C	4,4	4,5	☺									
	P6006-D17,45R	1	17,45	C	4,4	4,5	☺									
	P6006-D17,50R	1	17,5	C	4,4	4,5	☺									
	P6006-D17,60R	1	17,6	C	4,4	4,5	☺									
	P6006-D17,70R	1	17,7	C	4,4	4,5	☺									
	P6006-D17,86R	1	17,86	C	4,4	4,5	☺									
	P6006-D18,00R	1	18	D	4,4	5	☺									
	P6006-D18,24R	1	18,24	D	4,4	5	☺									
	P6006-D18,50R	1	18,5	D	4,4	5	☺									
	P6006-D18,65R	1	18,65	D	4,4	5	☺									
	P6006-D18,70R	1	18,7	D	4,4	5	☺									
	P6006-D18,80R	1	18,8	D	4,4	5	☺									
	P6006-D19,00R	1	19	D	4,4	5	☺									
	P6006-D19,05R	1	19,05	D	4,4	5	☺									
	P6006-D19,10R	1	19,1	D	4,4	5	☺									
	P6006-D19,20R	1	19,2	D	4,4	5	☺									
	P6006-D19,25R	1	19,25	D	4,4	5	☺									
	P6006-D19,30R	1	19,3	D	4,4	5	☺									
	P6006-D19,35R	1	19,35	D	4,4	5	☺									
	P6006-D19,43R	1	19,43	D	4,4	5	☺									
	P6006-D19,50R	1	19,5	D	4,4	5	☺									
	P6006-D19,60R	1	19,6	D	4,4	5	☺									
	P6006-D19,70R	1	19,7	D	4,4	5	☺									
	P6006-D19,84R	1	19,84	D	4,4	5	☺									
	P6006-D20,00R	1	20	E	5,4	5,5	☺									
	P6006-D20,20R	1	20,2	E	5,4	5,5	☺									
	P6006-D20,24R	1	20,24	E	5,4	5,5	☺									

Ordering example: P60.. -D13.00R is available as

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as

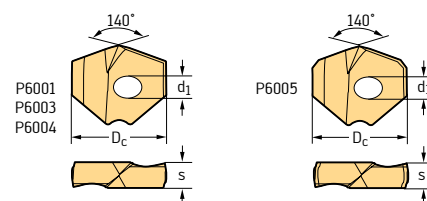
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C

Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

HC = Coated carbide

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1

Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P						M		K		N		S	
						HC			HC			HC		HC		HC		HC	
						WPP25	WMP35	WPP45C	WMP35	WPP45C	WMP35	WPP45C	WMP35	WPP45C	WMP35	WPP45C	WMP35	WPP45C	WMP35
 P6006-D20,50R	1	20,5	E	5,4	5,5	☺													
P6006-D20,62R	1	20,62	E	5,4	5,5	☺													
P6006-D20,70R	1	20,7	E	5,4	5,5	☺													
P6006-D20,85R	1	20,85	E	5,4	5,5	☺													
P6006-D21,00R	1	21	E	5,4	5,5	☺													
P6006-D21,41R	1	21,41	E	5,4	5,5	☺													
P6006-D21,50R	1	21,5	E	5,4	5,5	☺													
P6006-D21,70R	1	21,7	E	5,4	5,5	☺													
P6006-D21,83R	1	21,83	E	5,4	5,5	☺													
P6006-D22,00R	1	22	F	5,4	6	☺													
P6006-D22,22R	1	22,22	F	5,4	6	☺													
P6006-D22,42R	1	22,42	F	5,4	6	☺													
P6006-D22,47R	1	22,47	F	5,4	6	☺													
P6006-D22,50R	1	22,5	F	5,4	6	☺													
P6006-D22,60R	1	22,6	F	5,4	6	☺													
P6006-D22,62R	1	22,62	F	5,4	6	☺													
P6006-D22,70R	1	22,7	F	5,4	6	☺													
P6006-D22,77R	1	22,77	F	5,4	6	☺													
P6006-D23,00R	1	23	F	5,4	6	☺													
P6006-D23,10R	1	23,1	F	5,4	6	☺													
P6006-D23,39R	1	23,39	F	5,4	6	☺													
P6006-D23,50R	1	23,5	F	5,4	6	☺													
P6006-D23,70R	1	23,7	F	5,4	6	☺													
P6006-D23,80R	1	23,8	F	5,4	6	☺													
P6006-D24,00R	1	24	G	5,4	6,5	☺													
P6006-D24,21R	1	24,21	G	5,4	6,5	☺													
P6006-D24,50R	1	24,5	G	5,4	6,5	☺													
P6006-D24,59R	1	24,59	G	5,4	6,5	☺													
P6006-D24,70R	1	24,7	G	5,4	6,5	☺													
P6006-D25,00R	1	25	G	5,4	6,5	☺													
P6006-D25,25R	1	25,25	G	5,4	6,5	☺													
P6006-D25,40R	1	25,4	G	5,4	6,5	☺													
P6006-D25,50R	1	25,5	G	5,4	6,5	☺													
P6006-D25,60R	1	25,6	G	5,4	6,5	☺													
P6006-D25,65R	1	25,65	G	5,4	6,5	☺													
P6006-D25,70R	1	25,7	G	5,4	6,5	☺													
P6006-D25,80R	1	25,8	G	5,4	6,5	☺													
P6006-D26,00R	1	26	H	6,4	7,1	☺													
P6006-D26,25R	1	26,25	H	6,4	7,1	☺													
P6006-D26,50R	1	26,5	H	6,4	7,1	☺													
P6006-D26,59R	1	26,59	H	6,4	7,1	☺													
P6006-D27,00R	1	27	H	6,4	7,1	☺													
P6006-D27,38R	1	27,38	H	6,4	7,1	☺													

Ordering example: P60.. -D13.00R is available as

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13.00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as

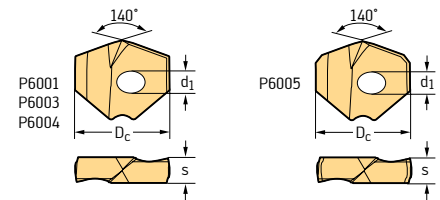
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C

Ordering example for the grade WPP45C: P6001-D12.00R WPP45C

HC = Coated carbide

Exchangeable tip

P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

	Designation	Number of cutting edges	D _c mm	Seat size	d ₁ mm	s mm	P		M		K		N		S	
							WPP25	HC	WMP35	HC	WPP45C	HC	WMP35	HC	WMP35	HC
	P6006-D27,50R	1	27,5	H	6,4	7,1	☺									
	P6006-D27,78R	1	27,78	H	6,4	7,1	☺									
	P6006-D28,00R	1	28	J	6,4	7,7	☺									
	P6006-D28,17R	1	28,17	J	6,4	7,7	☺									
	P6006-D28,35R	1	28,35	J	6,4	7,7	☺									
	P6006-D28,50R	1	28,5	J	6,4	7,7	☺									
	P6006-D28,57R	1	28,57	J	6,4	7,7	☺									
	P6006-D29,00R	1	29	J	6,4	7,7	☺									
	P6006-D29,10R	1	29,1	J	6,4	7,7	☺									
	P6006-D29,37R	1	29,37	J	6,4	7,7	☺									
	P6006-D29,50R	1	29,5	J	6,4	7,7	☺									
	P6006-D29,77R	1	29,77	J	6,4	7,7	☺									
	P6006-D30,00R	1	30	K	6,4	8	☺									
	P6006-D30,15R	1	30,15	K	6,4	8	☺									
	P6006-D30,50R	1	30,5	K	6,4	8	☺									
	P6006-D31,00R	1	31	K	6,4	8	☺									
	P6006-D31,35R	1	31,35	K	6,4	8	☺									
	P6006-D31,50R	1	31,5	K	6,4	8	☺									
	P6006-D31,75R	1	31,75	K	6,4	8	☺									
	P6006-D31,99R	1	31,99	K	6,4	8	☺									
	P6006-D32,00R	1	32	M	6,4	8,3	☺									
	P6006-D32,10R	1	32,1	M	6,4	8,3	☺									
	P6006-D33,00R	1	33	M	6,4	8,3	☺									
	P6006-D34,00R	1	34	N	6,4	8,6	☺									
	P6006-D34,10R	1	34,1	N	6,4	8,6	☺									
	P6006-D34,60R	1	34,6	N	6,4	8,6	☺									
	P6006-D35,00R	1	35	N	6,4	8,6	☺									
	P6006-D36,00R	1	36	P	6,4	8,9	☺									
	P6006-D37,00R	1	37	P	6,4	8,9	☺									
	P6006-D37,99R	1	37,99	P	6,4	8,9	☺									

Ordering example: P60..-D13,00R is available as

P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25

P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13,00R WMP35 or as

P6001 in grade WPP45C (ISO P): P6001-D13,00R WPP45C

Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

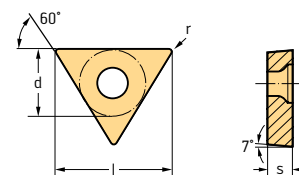
HC = Coated carbide

B1

Positive triangular 60°

TCMT

Tiger-tec® Gold



Indexable inserts

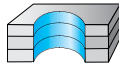
B1

	Designation	l mm	r mm	P					K
				HC				HE	
				WKP01G	WPP10G	WPP20G	WPP30G	WEP10C	
	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						
	TCMT16T302-FP4	16,5	0,2						
	TCMT16T304-FP4	16,5	0,4						
	TCMT16T308-FP4	16,5	0,8						
	TCMT110204-FP6	11	0,4						
	TCMT110208-FP6	11	0,8						
	TCMT16T304-FP6	16,5	0,4						
	TCMT16T308-FP6	16,5	0,8						
	TCMT090204-MP4	9,62	0,4						
	TCMT090208-MP4	9,62	0,8						
	TCMT110204-MP4	11	0,4						
	TCMT110208-MP4	11	0,8						
	TCMT16T304-MP4	16,5	0,4						
	TCMT16T308-MP4	16,5	0,8						
	TCMT220408-MP4	22	0,8						
	TCMT090204-RP4	9,62	0,4						
	TCMT090208-RP4	9,62	0,8						
	TCMT110204-RP4	11	0,4						
	TCMT110208-RP4	11	0,8						
	TCMT16T304-RP4	16,5	0,4						
	TCMT16T308-RP4	16,5	0,8						
	TCMT16T312-RP4	16,5	1,2						

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

HC = Coated carbide
HE = Coated cermet

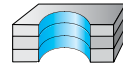
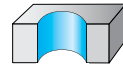
Indexable insert drills

Machining					
					
					
Drilling depth	2,5 x D _C	1,3 x D _C	3 x D _C	3 x D _C	5 x D _C
	Selection	Selection	Selection	Selection	Selection
					
Designation	D4240	D4140 Drion-tec™	D4140 Drion-tec™	D4140 Drion-tec™	D4140 Drion-tec™
Effective cutting edges	2	2	2	2	2
Diameter range					
[mm]	12–29	12–25,99		12–37,99	12–31,99
[inch]			0,472–1,22	0,472–1,496	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 .				
Number of cutting edges	1	1	1	1	1
Page in catalogue	200	202	206	204	210
QR code					
	D4240	D4140	D4140	D4140	D4140

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Indexable insert drills

Machining



Drilling depth	5 x D _C	7 x D _C	7 x D _C	10 x D _C
	Selection	Selection	Selection	Selection
				
Designation	D4140 Drion-tec™	D4140 Drion-tec™	D4140 Drion-tec™	D4140 Drion-tec™
Effective cutting edges	2	2	2	2
Diameter range				
[mm]	12–37,99	12–31,99	12–37,99	12–25,99
[inch]	0,472–1,496	0,472–1,22	0,472–1,496	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	1	1	1
Page in catalogue	210	220	220	226
QR code				
	D4140	D4140	D4140	D4140

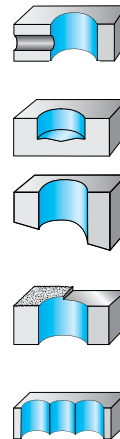
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WALTER SELECT

●● 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	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					
	D4170	D4120	D4120	D4120	D4120

www.walter-tools.com/woc/

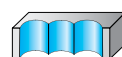
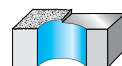
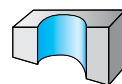
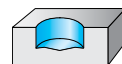
WALTER SELECT

●● Primary application ● Other application

Indexable insert drills

Machining

B1



Drilling depth

 $2 \times D_C$
 $3 \times D_C$
 $4 \times D_C$
 $2 \times D_C$
 $2 \times D_C$


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

2

2

Page in catalogue

QR code


www.walter-tools.com/woc/

D3120

D3120

D3120

B3212

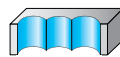
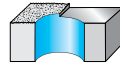
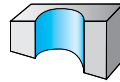
B3212

WALTER SELECT

●● Primary application ● Other application

Indexable insert drills

Machining



Drilling depth

3 x D_C3 x D_C4 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

2

2

2

Page in catalogue

QR code


www.walter-tools.com/woc/

B3213

B3213

B3214

WALTER SELECT

●● Primary application ● Other application

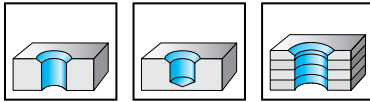
Exchangeable-tip drills

D4240 mm

Drion-tec™



B1



D_c 12– 29,99	$2,5 \times D_c$	90°	140°	Z=2
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	P	M	K	N	S	H	O
D4240	●	●	●	●	●		

Tool

	Designation	D_c mm	D_1 mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Type
 Cylindrical shank with flat	D4240-02-12.00F20-A	12	23,7	36,5	69,28	50	20	30	0,22	1	A	P600 . -D12, ..
	D4240-02-14.00F20-B	14	25,7	40,6	76	50	20	30	0,26	1	B	P600 . -D14, ..
	D4240-02-15.00F20-B	15	26,7	47,8	81,09	50	20	30	0,25	1	B	P600 . -D15, ..
	D4240-02-17.00F20-C	17	28,7	48,2	87,64	50	20	30	0,3	1	C	P600 . -D17, ..
	D4240-02-19.00F20-D	19	30,7	53,4	96,91	50	20	30	0,34	1	D	P600 . -D19, ..
 Cylindrical shank with flat	D4240-02-21.00F20-E	21	32,7	54,6	103,27	50	20	30	0,37	1	E	P600 . -D21, ..
	D4240-02-24.00F25-G	24	43,4	61,7	117,36	56	25	35	0,63	1	G	P600 . -D24, ..
	D4240-02-26.00F25-H	26	45,4	67,3	125,55	56	25	35	0,68	1	H	P600 . -D26, ..
	D4240-02-29.00F32-J	29	48,4	69,2	134,9	60	32	42	1,08	1	J	P600 . -D29, ..

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

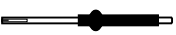
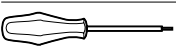
→ Good =

→ Moderate =

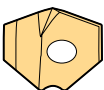
Assembly parts

	D _c [mm]	12	14–15	17	19	21	24	26	29
	Clamping screw for P600. drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm
	Clamping screw for TC.. chamfer insert Tightening torque	FS2061 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS2063 (T15IP) 3 Nm	FS2063 (T15IP) 3 Nm	FS2063 (T15IP) 3 Nm

Accessories

	D _c [mm]	12	14–17	19	21–24	26–29
	Torque T-handle					FS2041
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	l mm	D _c mm	r mm	P					M		K		N		S	
					HC					HC		HC		HC		HC	
					WMP35	WPP20G	WPP25	WPP45C	WSM20S	WMP35	WSM20S	WKK20S	WKK45C	WNN25	WMP35	WSM20S	
	P6001-D..		12–29,8														
	P6003-D..		12–29,8		☞					☞						☞	
	P6004-D..		12–29,5											☞			
	P6005-D..		12–29,8									☞					
	P6006-D..		12–29,8			☞											
	TCGT110208-MP4	11		0,8	☞												
	TCGT16T308-MK4	16,5		0,8								☞					
	TCGT16T308-MM4	16,5		0,8					☞	☞						☞	
	TCMT110208-MK4	11		0,8								☞					
	TCMT110208-MM4	11		0,8					☞	☞						☞	
	TCMT110208-MP4	11		0,8	☞												
	TCMT16T308-MK4	16,5		0,8								☞					
	TCMT16T308-MM4	16,5		0,8					☞	☞						☞	
	TCMT16T308-MP4	16,5		0,8	☞												☞

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

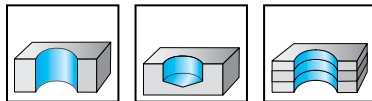
→ Good = ☹

→ Moderate = ☹

Exchangeable-tip drills

D4140
Drion-tec™


B1



D_c 12– 25,99	$1,3 \times D_c$	140°	$Z=2$
-----------------------	------------------	-------------	-------

	P	M	K	N	S	H	O
D4140	●	●	●	●	●		

Tool	Designation	D_c mm	L_c mm	l_4 mm	d_1	Z	kg	No. of inserts	Seat size	Version
	D4140-01-12.00T14-A	12	18	47,6	T14	2	0,05	1	A	P600 . -D12, ..
	D4140-01-13.00T14-A	13	19	49,9	T14	2	0,05	1	A	P600 . -D13, ..
	D4140-01-14.00T14-B	14	21	52,2	T14	2	0,06	1	B	P600 . -D14, ..
	D4140-01-15.00T18-B	15	22	54,5	T18	2	0,08	1	B	P600 . -D15, ..
	D4140-01-16.00T18-C	16	24	56,8	T18	2	0,08	1	C	P600 . -D16, ..
	D4140-01-17.00T18-C	17	25	59,1	T18	2	0,09	1	C	P600 . -D17, ..
	D4140-01-18.00T18-D	18	27	61,4	T18	2	0,1	1	D	P600 . -D18, ..
	D4140-01-19.00T22-D	19	28	63,7	T22	2	0,12	1	D	P600 . -D19, ..
	D4140-01-20.00T22-E	20	30	66	T22	2	0,13	1	E	P600 . -D20, ..
	D4140-01-21.00T22-E	21	31	68,3	T22	2	0,14	1	E	P600 . -D21, ..
	D4140-01-22.00T22-F	22	33	71,6	T22	2	0,16	1	F	P600 . -D22, ..
	D4140-01-23.00T28-F	23	34	73,9	T28	2	0,23	1	F	P600 . -D23, ..
	D4140-01-24.00T28-G	24	36	76,2	T28	2	0,24	1	G	P600 . -D24, ..
	D4140-01-25.00T28-G	25	37	78,5	T28	2	0,25	1	G	P600 . -D25, ..

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

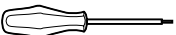
→ Good =

→ Moderate =

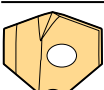
Assembly parts

D _c [mm]	12-13	14-15	16-17	18-19	20-21	22-23	24-25
	FS1396 (T7IP)	FS1397 (T8IP)	FS1398 (T8IP)	FS1399 (T15IP)	FS1400 (T20IP)	FS1401 (T20IP)	FS1402 (T20IP)
Tightening torque	1,2 Nm	2 Nm	2 Nm	4 Nm	5 Nm	5 Nm	5 Nm

Accessories

D _c [mm]	12-13	14-17	18-19	20-25
	FS2001	FS2003	FS2003	FS2003
	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)
	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)

Interchangeable inserts

Designation	D _c mm	P		M		K		N		S	
		HC		HC		HC		HC		HC	
		WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35	WPP25	WPP45C	WMP35
 P6001-D..	12-25,8			☺							
P6003-D..	12-25,8	☺			☺						☺
P6004-D..	12-25,5						☺				
P6005-D..	12-25,8				☺						
P6006-D..	12-25,8	☺									

HC = Coated carbide

WALTER SELECT

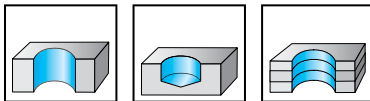
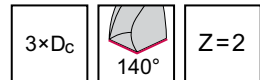
Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

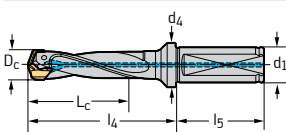
→ Moderate = ☺

Exchangeable-tip drills

D4140
Drion-tec™


	P	M	K	N	S	H	O
D4140	●	●	●	●	●		

Tool



Cylindrical shank with flat

Designation	D _c mm	L _c mm	l ₄ mm	l ₅ mm	d ₁ mm	d ₄ mm	kg	No. of inserts	Seat size	Version
D4140-03-12.00F16-A	12	36	68	48	16	20	0,13	1	A	P600 . -D12, ..
D4140-03-13.00F16-A	13	41	72	48	16	20	0,14	1	A	P600 . -D13, ..
D4140-03-14.00F16-B	14	45	76	48	16	20	0,14	1	B	P600 . -D14, ..
D4140-03-15.00F16-B	15	48	80	48	16	20	0,15	1	B	P600 . -D15, ..
D4140-03-16.00F20-C	16	51	84	50	20	25	0,23	1	C	P600 . -D16, ..
D4140-03-17.00F20-C	17	54	88	50	20	25	0,24	1	C	P600 . -D17, ..
D4140-03-18.00F20-D	18	57	92	50	20	25	0,25	1	D	P600 . -D18, ..
D4140-03-19.00F20-D	19	61	96	50	20	25	0,26	1	D	P600 . -D19, ..
D4140-03-20.00F20-E	20	64	100	50	20	25	0,28	1	E	P600 . -D20, ..
D4140-03-21.00F20-E	21	67	104	50	20	25	0,29	1	E	P600 . -D21, ..
D4140-03-22.00F25-F	22	70	109	56	25	32	0,44	1	F	P600 . -D22, ..
D4140-03-23.00F25-F	23	73	113	56	25	32	0,46	1	F	P600 . -D23, ..
D4140-03-24.00F25-G	24	76	117	56	25	32	0,48	1	G	P600 . -D24, ..
D4140-03-25.00F25-G	25	80	121	56	25	32	0,5	1	G	P600 . -D25, ..
D4140-03-26.00F25-H	26	83	125	56	25	32	0,52	1	H	P600 . -D26, ..
D4140-03-27.00F25-H	27	86	129	56	25	32	0,55	1	H	P600 . -D27, ..
D4140-03-28.00F32-J	28	89	134	60	32	40	0,78	1	J	P600 . -D28, ..
D4140-03-29.00F32-J	29	92	138	60	32	40	0,85	1	J	P600 . -D29, ..
D4140-03-30.00F32-K	30	95	142	60	32	40	0,89	1	K	P600 . -D30, ..
D4140-03-31.00F32-K	31	99	146	60	32	40	0,92	1	K	P600 . -D31, ..
D4140-03-32.00F40-M	32	102	150	70	40	50	1,31	1	M	P600 . -D32, ..
D4140-03-33.00F40-M	33	105	154	70	40	50	1,38	1	M	P600 . -D33, ..
D4140-03-34.00F40-N	34	108	158	70	40	50	1,37	1	N	P600 . -D34, ..
D4140-03-35.00F40-N	35	111	162	70	40	50	1,43	1	N	P600 . -D35, ..
D4140-03-36.00F40-P	36	115	166	70	40	50	1,46	1	P	P600 . -D36, ..
D4140-03-37.00F40-P	37	118	170	70	40	50	1,54	1	P	P600 . -D37, ..

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 😊

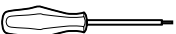
→ Good = 😊

→ Moderate = 😊

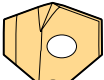
Assembly parts

	D _c [mm]	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-33	34-37
	Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm	FS2159 (T25IP) 5,5 Nm

Accessories

	D _c [mm]	12-13	14-17	18-19	20-25	26-37
	***					FS2041
	***	FS2001	FS2003	FS2003	FS2003	
	***	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	***	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c mm	P		M		K		N		S	
			HC		HC		HC		HC		HC	
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35			
	P6001-D..	12-38										
	P6003-D..	12-38										
	P6004-D..	12-31,5										
	P6005-D..	12-38										
	P6006-D..	12-38										

HC = Coated carbide

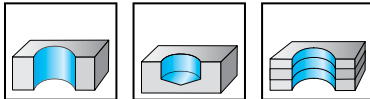
Exchangeable-tip drills

D4140 inch
Drion-tec™

3×D_c

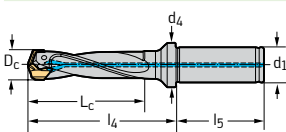
140°

Z=2



	P	M	K	N	S	H	O
D4140	●●	●●	●●	●●	●●		

Tool



Cylindrical shank with collar

Designation

D_c
inch

L_c
inch

l₄
inch

l₅
inch

d₁
inch

d₄
inch

No. of
inserts

Seat
size

Version

D4140.03-12.00A15-A	0,472	1,496	68	1,890	0,625	0,787	0,287	1	A	P600 . -D12, ..
D4140.03-13.00A15-A	0,512	1,614	71,996	1,890	0,625	0,787	0,309	1	A	P600 . -D13, ..
D4140.03-14.00A15-B	0,551	1,772	75,998	1,890	0,625	0,787	0,353	1	B	P600 . -D14, ..
D4140.03-15.00A15-B	0,591	1,890	80	1,890	0,625	0,787	0,351	1	B	P600 . -D15, ..
D4140.03-16.00A19-C	0,630	2,008	84,002	2,031	0,750	0,984	0,485	1	C	P600 . -D16, ..
D4140.03-17.00A19-C	0,669	2,126	88,004	2,031	0,750	0,984	0,536	1	C	P600 . -D17, ..
D4140.03-18.00A19-D	0,709	2,244	91,996	2,031	0,750	0,984	0,551	1	D	P600 . -D18, ..
D4140.03-19.00A19-D	0,748	2,362	95,986	2,031	0,750	0,984	0,562	1	D	P600 . -D19, ..
D4140.03-20.00A19-E	0,787	2,48	100	2,031	0,750	0,984	0,615	1	E	P600 . -D20, ..
D4140.03-21.00A19-E	0,827	2,598	104,002	2,031	0,750	0,984	0,639	1	E	P600 . -D21, ..
D4140.03-22.00A26-F	0,866	2,756	109,004	2,281	1,000	1,260	1,019	1	F	P600 . -D22, ..
D4140.03-24.00A26-G	0,945	2,992	117	2,281	1,000	1,260	1,257	1	G	P600 . -D24, ..
D4140.03-26.00A26-H	1,024	3,268	125,002	2,281	1,000	1,260	1,213	1	H	P600 . -D26, ..
D4140.03-28.00A31-J	1,102	3,504	133,996	2,281	1,250	1,575	1,786	1	J	P600 . -D28, ..
D4140.03-30.00A31-K	1,181	3,74	142	2,281	1,250	1,575	1,94	1	K	P600 . -D30, ..

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

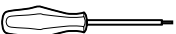
→ Good =

→ Moderate =

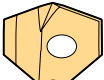
Assembly parts

	D _c [inch]	0,472–0,512	0,551–0,591	0,63–0,669	0,709–0,748	0,787–0,827	0,866	0,945	1,024	1,102–1,181
	Tightening torque	FS1396 (T7IP) 0,885 lbs	FS1397 (T8IP) 1,475 lbs	FS1398 (T8IP) 1,475 lbs	FS1399 (T15IP) 2,95 lbs	FS1400 (T20IP) 3,688 lbs	FS1401 (T20IP) 3,688 lbs	FS1402 (T20IP) 3,688 lbs	FS1403 (T25IP) 4,057 lbs	FS1404 (T25IP) 4,057 lbs

Accessories

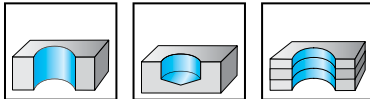
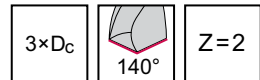
	D _c [inch]	0,472–0,512	0,551–0,669	0,709–0,748	0,787–0,945	1,024–1,181
	***					FS2042
	***	FS2002	FS2004	FS2004	FS2004	
	***	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	***	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c inch	P		M		K		N		S	
			HC		HC		HC		HC		HC	
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35			
	P6001-D..	0,472–1,201										
	P6003-D..	0,472–1,201										
	P6004-D..	0,472–1,201										
	P6005-D..	0,472–1,201										
	P6006-D..	0,472–1,201										

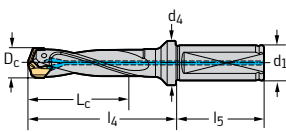
HC = Coated carbide

Exchangeable-tip drills

D4140 inch
Drion-tec™


	P	M	K	N	S	H	O
D4140	●●	●●	●●	●●	●●		

Tool



Cylindrical shank with flat

Designation	D _c inch	L _c inch	l ₄ inch	l ₅ inch	d ₁ inch	d ₄ inch	lbs	No. of inserts	Seat size	Version
D4140.03-12.00F15-A	0,472	1,496	68	1,890	0,625	0,787	0,311	1	A	P600 . -D12, ..
D4140.03-13.00F15-A	0,512	1,614	72	1,890	0,625	0,787	0,322	1	A	P600 . -D13, ..
D4140.03-14.00F15-B	0,551	1,772	76	1,890	0,625	0,787	0,331	1	B	P600 . -D14, ..
D4140.03-15.00F15-B	0,591	1,890	80	1,890	0,625	0,787	0,359	1	B	P600 . -D15, ..
D4140.03-16.00F19-C	0,630	2,008	84	2,031	0,750	0,984	0,485	1	C	P600 . -D16, ..
D4140.03-17.00F19-C	0,669	2,126	88	2,031	0,750	0,984	0,507	1	C	P600 . -D17, ..
D4140.03-18.00F19-D	0,709	2,244	92	2,031	0,750	0,984	0,538	1	D	P600 . -D18, ..
D4140.03-19.00F19-D	0,748	2,362	96	2,031	0,750	0,984	0,569	1	D	P600 . -D19, ..
D4140.03-20.00F19-E	0,787	2,520	100	2,031	0,750	0,984	0,602	1	E	P600 . -D20, ..
D4140.03-21.00F19-E	0,827	2,638	104	2,031	0,750	0,984	0,635	1	E	P600 . -D21, ..
D4140.03-22.00F26-F	0,866	2,756	109	2,281	1,000	1,260	0,999	1	F	P600 . -D22, ..
D4140.03-23.00F26-F	0,906	2,874	113	2,281	1,000	1,260	1,045	1	F	P600 . -D23, ..
D4140.03-24.00F26-G	0,945	2,992	117	2,281	1,000	1,260	1,082	1	G	P600 . -D24, ..
D4140.03-25.00F26-G	0,984	3,150	121	2,281	1,000	1,260	1,133	1	G	P600 . -D25, ..
D4140.03-26.00F26-H	1,024	3,268	125	2,281	1,000	1,260	1,184	1	H	P600 . -D26, ..
D4140.03-27.00F26-H	1,063	3,386	129,004	2,281	1,000	1,260	1,265	1	H	P600 . -D27, ..
D4140.03-28.00F31-J	1,102	3,504	133,996	2,281	1,250	1,575	1,706	1	J	P600 . -D28, ..
D4140.03-29.00F31-J	1,142	3,622	137,998	2,281	1,250	1,575	1,843	1	J	P600 . -D29, ..
D4140.03-30.00F31-K	1,181	3,74	142	2,281	1,250	1,575	1,905	1	K	P600 . -D30, ..
D4140.03-31.00F31-K	1,22	3,898	146,002	2,281	1,250	1,575	1,973	1	K	P600 . -D31, ..
D4140.03-32.00F31-M	1,260	4,016	150	2,281	1,250	1,575	2,006	1	M	P600 . -D32, ..
D4140.03-33.00F31-M	1,299	4,134	153,99	2,281	1,250	1,575	2,083	1	M	P600 . -D33, ..
D4140.03-34.00F38-N	1,339	4,252	158	2,688	1,500	1,969	2,806	1	N	P600 . -D34, ..
D4140.03-35.00F38-N	1,378	4,37	162	2,688	1,500	1,969	2,989	1	N	P600 . -D35, ..
D4140.03-36.00F38-P	1,417	4,528	166	2,688	1,500	1,969	2,954	1	P	P600 . -D36, ..
D4140.03-37.00F38-P	1,457	4,646	170	2,688	1,500	1,969	3,153	1	P	P600 . -D37, ..

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

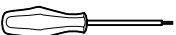
→ Good =

→ Moderate =

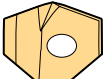
Assembly parts

	D _c [inch]	0,472–0,512	0,551–0,591	0,63–0,669	0,709–0,748	0,787–0,827	0,866–0,906	0,945–0,984	1,024–1,063	1,102–1,299	1,339–1,457
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 0,885 lbs	FS1397 (T8IP) 1,475 lbs	FS1398 (T8IP) 1,475 lbs	FS1399 (T15IP) 2,95 lbs	FS1400 (T20IP) 3,688 lbs	FS1401 (T20IP) 3,688 lbs	FS1402 (T20IP) 3,688 lbs	FS1403 (T25IP) 4,057 lbs	FS1404 (T25IP) 4,057 lbs	FS2159 (T25IP) 4,057 lbs

Accessories

	D _c [inch]	0,472–0,512	0,551–0,669	0,709–0,748	0,787–0,984	1,024–1,457
	Torque T-handle					FS2042
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c inch	P		M		K		N		S	
			HC		HC		HC		HC		HC	
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35			
	P6001-D..	0,472–1,496			☼							
	P6003-D..	0,472–1,496	☼			☼					☼	
	P6004-D..	0,472–1,240					☼					
	P6005-D..	0,472–1,496				☼						
	P6006-D..	0,472–1,496	☼									

HC = Coated carbide

WALTER SELECT

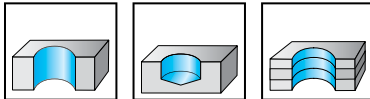
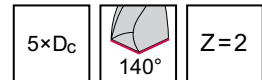
Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☹

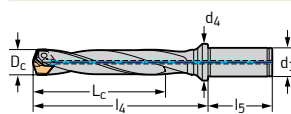
→ Moderate = ☹

Exchangeable-tip drills

D4140 mm
Drion-tec™


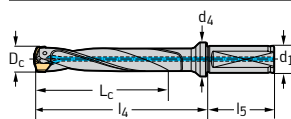
	P	M	K	N	S	H	O
D4140	●	●	●	●	●		

Tool



Cylindrical shank with collar

Designation	D _c mm	L _c mm	l ₄ mm	l ₅ mm	d ₁ mm	d ₄ mm	kg	No. of inserts	Seat size	Version
D4140-05-12.00A16-A	12	62	92	48	16	20	0,15	1	A	P600 . -D12, ..
D4140-05-13.00A16-A	13	67	98	48	16	20	0,16	1	A	P600 . -D13, ..
D4140-05-14.00A16-B	14	73	104	48	16	20	0,17	1	B	P600 . -D14, ..
D4140-05-15.00A16-B	15	78	110	48	16	20	0,16	1	B	P600 . -D15, ..
D4140-05-16.00A20-C	16	83	116	50	20	25	0,26	1	C	P600 . -D16, ..
D4140-05-17.00A20-C	17	88	122	50	20	25	0,26	1	C	P600 . -D17, ..
D4140-05-18.00A20-D	18	93	128	50	20	25	0,3	1	D	P600 . -D18, ..
D4140-05-19.00A20-D	19	98	134	50	20	25	0,29	1	D	P600 . -D19, ..
D4140-05-20.00A20-E	20	104	140	50	20	25	0,34	1	E	P600 . -D20, ..
D4140-05-21.00A20-E	21	109	146	50	20	25	0,38	1	E	P600 . -D21, ..
D4140-05-22.00A25-F	22	114	153	56	25	32	0,53	1	F	P600 . -D22, ..
D4140-05-23.00A25-F	23	119	159	56	25	32	0,56	1	F	P600 . -D23, ..
D4140-05-24.00A25-G	24	124	165	56	25	32	0,59	1	G	P600 . -D24, ..
D4140-05-25.00A25-G	25	130	171	56	25	32	0,62	1	G	P600 . -D25, ..
D4140-05-26.00A25-H	26	135	177	56	25	32	0,6	1	H	P600 . -D26, ..
D4140-05-27.00A25-H	27	140	183	56	25	32	0,7	1	H	P600 . -D27, ..
D4140-05-28.00A32-J	28	145	190	60	32	40	0,8	1	J	P600 . -D28, ..
D4140-05-29.00A32-J	29	150	196	60	32	40	1	1	J	P600 . -D29, ..
D4140-05-30.00A32-K	30	155	202	60	32	40	1	1	K	P600 . -D30, ..
D4140-05-31.00A32-K	31	161	208	60	32	40	1,14	1	K	P600 . -D31, ..



Cylindrical shank with flat

D4140-05-12.00F16-A	12	62	92	48	16	20	0,14	1	A	P600 . -D12, ..
D4140-05-13.00F16-A	13	67	98	48	16	20	0,15	1	A	P600 . -D13, ..
D4140-05-14.00F16-B	14	73	104	48	16	20	0,16	1	B	P600 . -D14, ..
D4140-05-15.00F16-B	15	78	110	48	16	20	0,18	1	B	P600 . -D15, ..
D4140-05-16.00F20-C	16	83	116	50	20	25	0,24	1	C	P600 . -D16, ..
D4140-05-17.00F20-C	17	88	122	50	20	25	0,28	1	C	P600 . -D17, ..
D4140-05-18.00F20-D	18	93	128	50	20	25	0,29	1	D	P600 . -D18, ..
D4140-05-19.00F20-D	19	98	134	50	20	25	0,31	1	D	P600 . -D19, ..
D4140-05-20.00F20-E	20	104	140	50	20	25	0,3	1	E	P600 . -D20, ..
D4140-05-21.00F20-E	21	109	146	50	20	25	0,37	1	E	P600 . -D21, ..
D4140-05-22.00F25-F	22	114	153	56	25	32	0,53	1	F	P600 . -D22, ..
D4140-05-23.00F25-F	23	119	159	56	25	32	0,56	1	F	P600 . -D23, ..
D4140-05-24.00F25-G	24	124	165	56	25	32	0,59	1	G	P600 . -D24, ..
D4140-05-25.00F25-G	25	130	171	56	25	32	0,62	1	G	P600 . -D25, ..
D4140-05-26.00F25-H	26	135	177	56	25	32	0,65	1	H	P600 . -D26, ..

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 😊

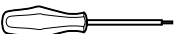
→ Good = 😊

→ Moderate = 😊

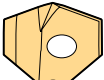
Assembly parts

	D _c [mm]	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-33	34-37
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm	FS2159 (T25IP) 5,5 Nm

Accessories

	D _c [mm]	12-13	14-17	18-19	20-25	26-37
	Torque T-handle					FS2041
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c mm	P		M		K		N		S	
			WMP35	HC	WPP25	HC	WPP45C	HC	WKK45C	HC	WNN25	HC
	P6001-D..	12-38										
	P6003-D..	12-38										
	P6004-D..	12-31,5										
	P6005-D..	12-38										
	P6006-D..	12-38										

HC = Coated carbide

WALTER SELECT

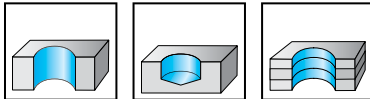
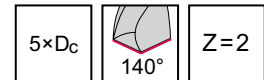
Stability of machine, workpiece and clamping arrangement

→ Very good = 😊

→ Good = 😐

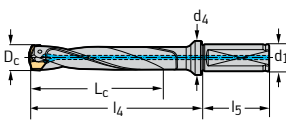
→ Moderate = 😞

Exchangeable-tip drills

D4140 mm
Drion-tec™


	P	M	K	N	S	H	O
D4140	●	●	●	●	●		

Tool



Cylindrical shank with flat

Designation

D_c
mm

L_c
mm

l₄
mm

l₅
mm

d₁
mm

d₄
mm

kg

No. of
inserts

Seat
size

Version

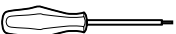
D4140-05-27.00F25-H	27	140	183	56	25	32	0,69	1	H	P600 . -D27, ..
D4140-05-28.00F32-J	28	145	190	60	32	40	0,97	1	J	P600 . -D28, ..
D4140-05-29.00F32-J	29	150	196	60	32	40	1	1	J	P600 . -D29, ..
D4140-05-30.00F32-K	30	155	202	60	32	40	1,05	1	K	P600 . -D30, ..
D4140-05-31.00F32-K	31	161	208	60	32	40	1,12	1	K	P600 . -D31, ..
D4140-05-32.00F40-M	32	166	214	70	40	50	1,51	1	M	P600 . -D32, ..
D4140-05-33.00F40-M	33	171	220	70	40	50	1,55	1	M	P600 . -D33, ..
D4140-05-34.00F40-N	34	176	226	70	40	50	1,61	1	N	P600 . -D34, ..
D4140-05-35.00F40-N	35	181	232	70	40	50	1,66	1	N	P600 . -D35, ..
D4140-05-36.00F40-P	36	187	238	70	40	50	1,72	1	P	P600 . -D36, ..
D4140-05-37.00F40-P	37	192	244	70	40	50	1,78	1	P	P600 . -D37, ..

Bodies and assembly parts are included in the scope of delivery

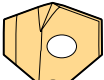
Assembly parts

	D _c [mm]	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-33	34-37
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm	FS2159 (T25IP) 5,5 Nm

Accessories

	D _c [mm]	12-13	14-17	18-19	20-25	26-37
	Torque T-handle					FS2041
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c mm	P		M		K		N		S	
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35	WPP25	WPP45C	WNN25
	P6001-D..	12-38										
	P6003-D..	12-38										
	P6004-D..	12-31,5										
	P6005-D..	12-38										
	P6006-D..	12-38										

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 😊

→ Good = 😐

→ Moderate = 😞

Exchangeable-tip drills

D4140 inch

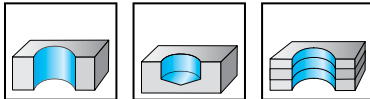
Drion-tec™



5×D_c

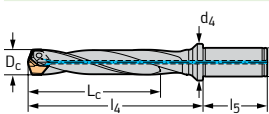


Z=2



	P	M	K	N	S	H	O
D4140	●	●	●	●	●	●	●

Tool



Cylindrical shank with collar

Designation

D_c
inch

L_c
inch

l₄
inch

l₅
inch

d₁
inch

d₄
inch



No. of
inserts

Seat
size

Version

D4140.05-12.00A15-A	0,472	2,441	92,004	1,890	0,625	0,787	0,348	1	A	P600 . -D12, ..
D4140.05-13.00A15-A	0,512	2,638	97,996	1,890	0,625	0,787	0,37	1	A	P600 . -D13, ..
D4140.05-14.00A15-B	0,551	2,874	103,998	1,890	0,625	0,787	0,39	1	B	P600 . -D14, ..
D4140.05-15.00A15-B	0,591	3,071	110	1,890	0,625	0,787	0,417	1	B	P600 . -D15, ..
D4140.05-16.00A19-C	0,630	3,268	116,002	2,031	0,750	0,984	0,560	1	C	P600 . -D16, ..
D4140.05-17.00A19-C	0,669	3,465	122,004	2,031	0,750	0,984	0,573	1	C	P600 . -D17, ..
D4140.05-18.00A19-D	0,709	3,661	127,996	2,031	0,750	0,984	0,619	1	D	P600 . -D18, ..
D4140.05-19.00A19-D	0,748	3,858	133,998	2,031	0,750	0,984	0,705	1	D	P600 . -D19, ..
D4140.05-20.00A19-E	0,787	4,094	140	2,031	0,750	0,984	0,765	1	E	P600 . -D20, ..
D4140.05-21.00A19-E	0,827	4,291	146,002	2,031	0,750	0,984	0,814	1	E	P600 . -D21, ..
D4140.05-22.00A26-F	0,866	4,488	153,004	2,281	1,000	1,260	1,19	1	F	P600 . -D22, ..
D4140.05-24.00A26-G	0,945	4,882	164,998	2,281	1,000	1,260	1,323	1	G	P600 . -D24, ..
D4140.05-26.00A26-H	1,024	5,315	177,002	2,281	1,000	1,260	1,49	1	H	P600 . -D26, ..
D4140.05-28.00A31-J	1,102	5,709	189,996	2,281	1,250	1,575	1,947	1	J	P600 . -D28, ..
D4140.05-30.00A31-K	1,181	6,102	202	2,281	1,250	1,575	2,313	1	K	P600 . -D30, ..

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

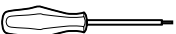
→ Good = ☹

→ Moderate = ☹

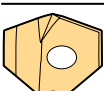
Assembly parts

	D _c [inch]	0,472–0,512	0,551–0,591	0,63–0,669	0,709–0,748	0,787–0,827	0,866	0,945	1,024	1,102–1,181
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 0,885 lbs	FS1397 (T8IP) 1,475 lbs	FS1398 (T8IP) 1,475 lbs	FS1399 (T15IP) 2,95 lbs	FS1400 (T20IP) 3,688 lbs	FS1401 (T20IP) 3,688 lbs	FS1402 (T20IP) 3,688 lbs	FS1403 (T25IP) 4,057 lbs	FS1404 (T25IP) 4,057 lbs

Accessories

	D _c [inch]	0,472–0,512	0,551–0,669	0,709–0,748	0,787–0,945	1,024–1,181
	Torque T-handle					FS2042
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c inch	P		M		K		N		S	
			HC		HC		HC		HC		HC	
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35			
	P6001-D..	0,472–1,201										
	P6003-D..	0,472–1,201										
	P6004-D..	0,472–1,201										
	P6005-D..	0,472–1,201										
	P6006-D..	0,472–1,201										

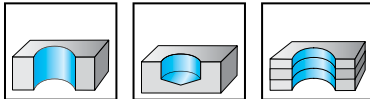
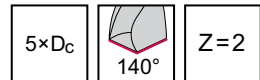
HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

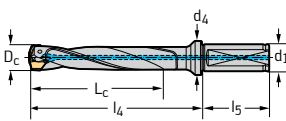
→ Very good = → Good = → Moderate = 

Exchangeable-tip drills

D4140 inch
Drion-tec™


	P	M	K	N	S	H	O
D4140	●	●	●	●	●		

Tool



Cylindrical shank with flat

Designation	D _c inch	L _c inch	I _d inch	I _s inch	d ₁ inch	d ₄ inch	lbs	No. of inserts	Seat size	Version
D4140.05-12.00F15-A	0,472	2,441	92,004	1,890	0,625	0,787	0,340	1	A	P600 . -D12, ..
D4140.05-13.00F15-A	0,512	2,638	97,996	1,890	0,625	0,787	0,302	1	A	P600 . -D13, ..
D4140.05-14.00F15-B	0,551	2,874	103,998	1,890	0,625	0,787	0,379	1	B	P600 . -D14, ..
D4140.05-15.00F15-B	0,591	3,071	110	1,890	0,625	0,787	0,406	1	B	P600 . -D15, ..
D4140.05-16.00F19-C	0,630	3,268	116,002	2,031	0,750	0,984	0,551	1	C	P600 . -D16, ..
D4140.05-17.00F19-C	0,669	3,465	122,004	2,031	0,750	0,984	0,595	1	C	P600 . -D17, ..
D4140.05-18.00F19-D	0,709	3,661	127,996	2,031	0,750	0,984	0,622	1	D	P600 . -D18, ..
D4140.05-19.00F19-D	0,748	3,858	133,998	2,031	0,750	0,984	0,666	1	D	P600 . -D19, ..
D4140.05-20.00F19-E	0,787	4,094	140	2,031	0,750	0,984	0,750	1	E	P600 . -D20, ..
D4140.05-21.00F19-E	0,827	4,291	146,002	2,031	0,750	0,984	0,798	1	E	P600 . -D21, ..
D4140.05-22.00F26-F	0,866	4,488	153,004	2,281	1,000	1,260	1,19	1	F	P600 . -D22, ..
D4140.05-23.00F26-F	0,906	4,685	158,996	2,281	1,000	1,260	1,263	1	F	P600 . -D23, ..
D4140.05-24.00F26-G	0,945	4,882	164,998	2,281	1,000	1,260	1,316	1	G	P600 . -D24, ..
D4140.05-25.00F26-G	0,984	5,118	171	2,281	1,000	1,260	1,400	1	G	P600 . -D25, ..
D4140.05-26.00F26-H	1,024	5,315	177,002	2,281	1,000	1,260	1,464	1	H	P600 . -D26, ..
D4140.05-27.00F26-H	1,063	5,512	183,004	2,281	1,000	1,260	1,537	1	H	P600 . -D27, ..
D4140.05-28.00F31-J	1,102	5,709	189,996	2,281	1,250	1,575	2,079	1	J	P600 . -D28, ..
D4140.05-29.00F31-J	1,142	5,906	195,998	2,281	1,250	1,575	2,18	1	J	P600 . -D29, ..
D4140.05-30.00F31-K	1,181	6,339	202	2,281	1,250	1,575	2,271	1	K	P600 . -D30, ..
D4140.05-31.00F31-K	1,22	6,339	208,002	2,281	1,250	1,575	2,394	1	K	P600 . -D31, ..
D4140.05-32.00F31-M	1,260	6,535	214,004	2,281	1,250	1,575	2,429	1	M	P600 . -D32, ..
D4140.05-33.00F31-M	1,299	6,732	219,996	2,281	1,250	1,575	2,551	1	M	P600 . -D33, ..
D4140.05-34.00F38-N	1,339	6,929	225,997	2,688	1,500	1,969	3,331	1	N	P600 . -D34, ..
D4140.05-35.00F38-N	1,378	7,126	231,999	2,688	1,500	1,969	3,417	1	N	P600 . -D35, ..
D4140.05-36.00F38-P	1,417	7,362	238,001	2,688	1,500	1,969	3,578	1	P	P600 . -D36, ..
D4140.05-37.00F38-P	1,457	7,559	244,003	2,688	1,500	1,969	3,704	1	P	P600 . -D37, ..

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 😊

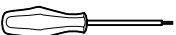
→ Good = 😊

→ Moderate = 😊

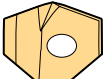
Assembly parts

	D _c [inch]	0,472–0,512	0,551–0,591	0,63–0,669	0,709–0,748	0,787–0,827	0,866–0,906	0,945–0,984	1,024–1,063	1,102–1,299	1,339–1,457
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 0,885 lbs	FS1397 (T8IP) 1,475 lbs	FS1398 (T8IP) 1,475 lbs	FS1399 (T15IP) 2,95 lbs	FS1400 (T20IP) 3,688 lbs	FS1401 (T20IP) 3,688 lbs	FS1402 (T20IP) 3,688 lbs	FS1403 (T25IP) 4,057 lbs	FS1404 (T25IP) 4,057 lbs	FS2159 (T25IP) 4,057 lbs

Accessories

	D _c [inch]	0,472–0,512	0,551–0,669	0,709–0,748	0,787–0,984	1,024–1,457
	Torque T-handle					FS2042
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c inch	P		M		K		N		S	
			HC		HC		HC		HC		HC	
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35			
	P6001-D..	0,472–1,496			☼							
	P6003-D..	0,472–1,496	☼			☼					☼	
	P6004-D..	0,472–1,240					☼					
	P6005-D..	0,472–1,496				☼						
	P6006-D..	0,472–1,496	☼									

HC = Coated carbide

WALTER SELECT

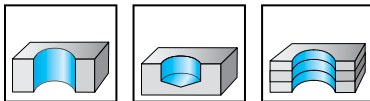
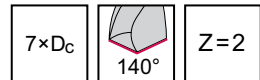
Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☹

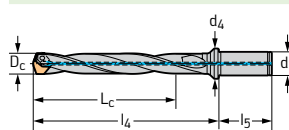
→ Moderate = ☹

Exchangeable-tip drills

D4140
Drion-tec™


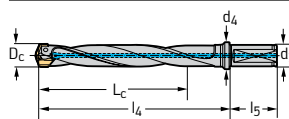
	P	M	K	N	S	H	O
D4140	●	●	●	●	●	●	●

Tool



Cylindrical shank with collar

Designation	D _c mm	L _c mm	l ₄ mm	l ₅ mm	d ₁ mm	d ₄ mm	kg	No. of inserts	Seat size	Version
D4140-07-12.00A16-A	12	86	116	48	16	20	0,17	1	A	P600 . -D12, ..
D4140-07-13.00A16-A	13	93	124	48	16	20	0,18	1	A	P600 . -D13, ..
D4140-07-14.00A16-B	14	101	132	48	16	20	0,2	1	B	P600 . -D14, ..
D4140-07-15.00A16-B	15	108	140	48	16	20	0,23	1	B	P600 . -D15, ..
D4140-07-16.00A20-C	16	115	148	50	20	25	0,31	1	C	P600 . -D16, ..
D4140-07-17.00A20-C	17	122	156	50	20	25	0,33	1	C	P600 . -D17, ..
D4140-07-18.00A20-D	18	133	164	50	20	25	0,35	1	D	P600 . -D18, ..
D4140-07-19.00A20-D	19	136	172	50	20	25	0,37	1	D	P600 . -D19, ..
D4140-07-20.00A20-E	20	144	180	50	20	25	0,4	1	E	P600 . -D20, ..
D4140-07-21.00A20-E	21	151	188	50	20	25	0,43	1	E	P600 . -D21, ..
D4140-07-22.00A25-F	22	158	197	56	25	32	0,61	1	F	P600 . -D22, ..
D4140-07-23.00A25-F	23	165	205	56	25	32	0,65	1	F	P600 . -D23, ..
D4140-07-24.00A25-G	24	172	213	56	25	32	0,69	1	G	P600 . -D24, ..
D4140-07-25.00A25-G	25	180	221	56	25	32	0,76	1	G	P600 . -D25, ..
D4140-07-26.00A25-H	26	187	229	56	25	32	0,8	1	H	P600 . -D26, ..
D4140-07-27.00A25-H	27	194	237	56	25	32	0,84	1	H	P600 . -D27, ..
D4140-07-28.00A32-J	28	201	246	60	32	40	1,04	1	J	P600 . -D28, ..
D4140-07-29.00A32-J	29	208	254	60	32	40	1	1	J	P600 . -D29, ..
D4140-07-30.00A32-K	30	215	262	60	32	40	1,24	1	K	P600 . -D30, ..
D4140-07-31.00A32-K	31	223	270	60	32	40	1,3	1	K	P600 . -D31, ..



Cylindrical shank with flat

D4140-07-12.00F16-A	12	86	116	48	16	20	0,16	1	A	P600 . -D12, ..
D4140-07-13.00F16-A	13	93	124	48	16	20	0,17	1	A	P600 . -D13, ..
D4140-07-14.00F16-B	14	101	132	48	16	20	0,19	1	B	P600 . -D14, ..
D4140-07-15.00F16-B	15	108	140	48	16	20	0,2	1	B	P600 . -D15, ..
D4140-07-16.00F20-C	16	115	148	50	20	25	0,3	1	C	P600 . -D16, ..
D4140-07-17.00F20-C	17	122	156	50	20	25	0,32	1	C	P600 . -D17, ..
D4140-07-18.00F20-D	18	126	164	50	20	25	0,34	1	D	P600 . -D18, ..
D4140-07-19.00F20-D	19	136	172	50	20	25	0,37	1	D	P600 . -D19, ..
D4140-07-20.00F20-E	20	144	180	50	20	25	0,39	1	E	P600 . -D20, ..
D4140-07-21.00F20-E	21	151	188	50	20	25	0,43	1	E	P600 . -D21, ..
D4140-07-22.00F25-F	22	158	197	56	25	32	0,6	1	F	P600 . -D22, ..
D4140-07-23.00F25-F	23	165	205	56	25	32	0,64	1	F	P600 . -D23, ..
D4140-07-24.00F25-G	24	172	213	56	25	32	0,68	1	G	P600 . -D24, ..
D4140-07-25.00F25-G	25	180	221	56	25	32	0,71	1	G	P600 . -D25, ..
D4140-07-26.00F25-H	26	187	229	56	25	32	0,78	1	H	P600 . -D26, ..

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 😊

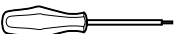
→ Good = 😊

→ Moderate = 😊

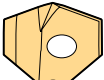
Assembly parts

	D _c [mm]	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-33	34-37
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm	FS2159 (T25IP) 5,5 Nm

Accessories

	D _c [mm]	12-13	14-17	18-19	20-25	26-37
	Torque T-handle					FS2041
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c mm	P		M		K		N		S	
			HC		HC		HC		HC		HC	
	P6001-D..	12-38										
	P6003-D..	12-38										
	P6004-D..	12-31,5										
	P6005-D..	12-38										
	P6006-D..	12-38										

HC = Coated carbide

WALTER SELECT

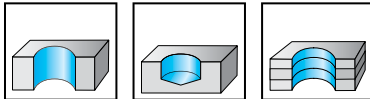
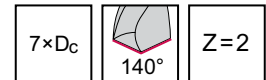
Stability of machine, workpiece and clamping arrangement

→ Very good = 😊

→ Good = 😐

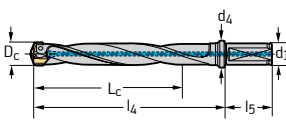
→ Moderate = 😞

Exchangeable-tip drills

D4140
Drion-tec™


	P	M	K	N	S	H	O
D4140	●	●	●	●	●	●	●

Tool



Cylindrical shank with flat

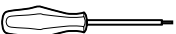
Designation	D _c mm	L _c mm	l ₄ mm	l ₅ mm	d ₁ mm	d ₄ mm	kg	No. of inserts	Seat size	Version
D4140-07-27.00F25-H	27	194	237	56	25	32	0,82	1	H	P600 . -D27, ..
D4140-07-28.00F32-J	28	201	246	60	32	40	1	1	J	P600 . -D28, ..
D4140-07-29.00F32-J	29	208	254	60	32	40	1,14	1	J	P600 . -D29, ..
D4140-07-30.00F32-K	30	215	262	60	32	40	1,24	1	K	P600 . -D30, ..
D4140-07-31.00F32-K	31	223	270	60	32	40	1,28	1	K	P600 . -D31, ..
D4140-07-32.00F40-M	32	230	278	70	40	50	1,8	1	M	P600 . -D32, ..
D4140-07-33.00F40-M	33	237	286	70	40	50	1,86	1	M	P600 . -D33, ..
D4140-07-34.00F40-N	34	244	294	70	40	50	1,94	1	N	P600 . -D34, ..
D4140-07-35.00F40-N	35	251	302	70	40	50	2,06	1	N	P600 . -D35, ..
D4140-07-36.00F40-P	36	259	310	70	40	50	2,09	1	P	P600 . -D36, ..
D4140-07-37.00F40-P	37	266	318	70	40	50	2,21	1	P	P600 . -D37, ..

Bodies and assembly parts are included in the scope of delivery

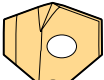
Assembly parts

	D _c [mm]	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-33	34-37
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 1,2 Nm	FS1397 (T8IP) 2 Nm	FS1398 (T8IP) 2 Nm	FS1399 (T15IP) 4 Nm	FS1400 (T20IP) 5 Nm	FS1401 (T20IP) 5 Nm	FS1402 (T20IP) 5 Nm	FS1403 (T25IP) 5,5 Nm	FS1404 (T25IP) 5,5 Nm	FS2159 (T25IP) 5,5 Nm

Accessories

	D _c [mm]	12-13	14-17	18-19	20-25	26-37
	Torque T-handle					FS2041
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c mm	P		M		K		N		S	
			HC		HC		HC		HC		HC	
	P6001-D..	12-38										
	P6003-D..	12-38										
	P6004-D..	12-31,5										
	P6005-D..	12-38										
	P6006-D..	12-38										

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 😊

→ Good = 😐

→ Moderate = 😞

Exchangeable-tip drills

D4140 inch

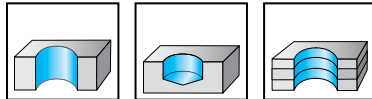
Drion-tec™



7×D_c

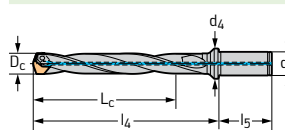


Z=2



	P	M	K	N	S	H	O
D4140	●	●	●	●	●	●	●

Tool



Cylindrical shank with collar

Designation

D_c
inch

L_c
inch

l₄
inch

l₅
inch

d₁
inch

d₄
inch



No. of
inserts

Seat
size

Version

D4140.07-12.00A15-A	0,472	3,386	116,004	1,890	0,625	0,787	0,377	1	A	P600 . -D12, ..
D4140.07-13.00A15-A	0,512	3,661	123,996	1,890	0,625	0,787	0,406	1	A	P600 . -D13, ..
D4140.07-14.00A15-B	0,551	3,976	131,998	1,890	0,625	0,787	0,419	1	B	P600 . -D14, ..
D4140.07-15.00A15-B	0,591	4,252	140	1,890	0,625	0,787	0,467	1	B	P600 . -D15, ..
D4140.07-16.00A19-C	0,630	4,528	148,002	2,031	0,750	0,984	0,659	1	C	P600 . -D16, ..
D4140.07-17.00A19-C	0,669	4,803	156,004	2,031	0,750	0,984	0,710	1	C	P600 . -D17, ..
D4140.07-18.00A19-D	0,709	5,079	163,996	2,031	0,750	0,984	0,750	1	D	P600 . -D18, ..
D4140.07-19.00A19-D	0,748	5,354	171,998	2,031	0,750	0,984	0,805	1	D	P600 . -D19, ..
D4140.07-20.00A19-E	0,787	5,669	180	2,031	0,750	0,984	0,875	1	E	P600 . -D20, ..
D4140.07-21.00A19-E	0,827	5,945	188,002	2,031	0,750	0,984	0,946	1	E	P600 . -D21, ..
D4140.07-22.00A26-F	0,866	6,22	197,004	2,281	1,000	1,260	1,345	1	F	P600 . -D22, ..
D4140.07-24.00A26-G	0,945	6,772	212,998	2,281	1,000	1,260	1,541	1	G	P600 . -D24, ..
D4140.07-26.00A26-H	1,024	7,362	229,002	2,281	1,000	1,260	1,720	1	H	P600 . -D26, ..
D4140.07-28.00A31-J	1,102	7,913	245,996	2,281	1,250	1,575	2,427	1	J	P600 . -D28, ..
D4140.07-30.00A31-K	1,181	8,465	262	2,281	1,250	1,575	2,668	1	K	P600 . -D30, ..

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

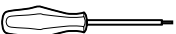
→ Good = ☹

→ Moderate = ☹

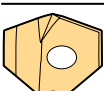
Assembly parts

	D _c [inch]	0,472–0,512	0,551–0,591	0,63–0,669	0,709–0,748	0,787–0,827	0,866	0,945	1,024	1,102–1,181
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 0,885 lbs	FS1397 (T8IP) 1,475 lbs	FS1398 (T8IP) 1,475 lbs	FS1399 (T15IP) 2,95 lbs	FS1400 (T20IP) 3,688 lbs	FS1401 (T20IP) 3,688 lbs	FS1402 (T20IP) 3,688 lbs	FS1403 (T25IP) 4,057 lbs	FS1404 (T25IP) 4,057 lbs

Accessories

	D _c [inch]	0,472–0,512	0,551–0,669	0,709–0,748	0,787–0,945	1,024–1,181
	Torque T-handle					FS2042
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

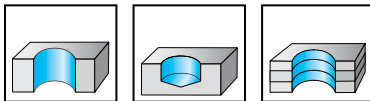
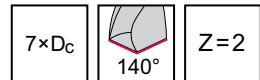
	Designation	D _c inch	P		M		K		N		S	
			HC		HC		HC		HC		HC	
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35			
	P6001-D..	0,472–1,201										
	P6003-D..	0,472–1,201										
	P6004-D..	0,472–1,201										
	P6005-D..	0,472–1,201										
	P6006-D..	0,472–1,201										

HC = Coated carbide

Exchangeable-tip drills

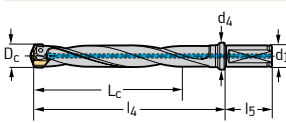
D4140 inch

Drion-tec™



	P	M	K	N	S	H	O
D4140	●	●	●	●	●		

Tool



Cylindrical shank with flat

Designation	D _c inch	L _c inch	l ₄ inch	l ₅ inch	d ₁ inch	d ₄ inch	lbs	No. of inserts	Seat size	Version
D4140.07-12.00F15-A	0,472	3,386	116,004	1,890	0,625	0,787	0,366	1	A	P600 . -D12, ..
D4140.07-13.00F15-A	0,512	3,661	123,996	1,890	0,625	0,787	0,39	1	A	P600 . -D13, ..
D4140.07-14.00F15-B	0,551	3,976	132	1,890	0,625	0,787	0,421	1	B	P600 . -D14, ..
D4140.07-15.00F15-B	0,591	4,252	140	1,890	0,625	0,787	0,454	1	B	P600 . -D15, ..
D4140.07-16.00F19-C	0,630	4,528	148,025	2,031	0,750	0,984	0,617	1	C	P600 . -D16, ..
D4140.07-17.00F19-C	0,669	4,803	156	2,031	0,750	0,984	0,697	1	C	P600 . -D17, ..
D4140.07-18.00F19-D	0,709	5,079	164	2,031	0,750	0,984	0,734	1	D	P600 . -D18, ..
D4140.07-19.00F19-D	0,748	5,354	172	2,031	0,750	0,984	0,794	1	D	P600 . -D19, ..
D4140.07-20.00F19-E	0,787	5,669	180	2,031	0,750	0,984	0,858	1	E	P600 . -D20, ..
D4140.07-21.00F19-E	0,827	5,945	188	2,031	0,750	0,984	0,933	1	E	P600 . -D21, ..
D4140.07-22.00F26-F	0,866	6,22	197,004	2,281	1,000	1,260	1,351	1	F	P600 . -D22, ..
D4140.07-23.00F26-F	0,906	6,496	204,996	2,281	1,000	1,260	1,429	1	F	P600 . -D23, ..
D4140.07-24.00F26-G	0,945	6,772	213,002	2,281	1,000	1,260	1,523	1	G	P600 . -D24, ..
D4140.07-25.00F26-G	0,984	7,087	221	2,281	1,000	1,260	1,609	1	G	P600 . -D25, ..
D4140.07-26.00F26-H	1,024	7,362	229,002	2,281	1,000	1,260	1,702	1	H	P600 . -D26, ..
D4140.07-27.00F26-H	1,063	7,638	237,004	2,281	1,000	1,260	1,803	1	H	P600 . -D27, ..
D4140.07-28.00F31-J	1,102	7,913	245,996	2,281	1,250	1,575	2,379	1	J	P600 . -D28, ..
D4140.07-29.00F31-J	1,142	8,189	253,998	2,281	1,250	1,575	2,425	1	J	P600 . -D29, ..
D4140.07-30.00F31-K	1,181	8,465	262	2,281	1,250	1,575	2,844	1	K	P600 . -D30, ..
D4140.07-31.00F31-K	1,22	8,780	270,002	2,281	1,250	1,575	2,811	1	K	P600 . -D31, ..
D4140.07-32.00F31-M	1,260	9,055	278,004	2,281	1,250	1,575	2,866	1	M	P600 . -D32, ..
D4140.07-33.00F31-M	1,299	9,331	285,996	2,281	1,250	1,575	3,263	1	M	P600 . -D33, ..
D4140.07-34.00F38-N	1,339	9,606	293,997	2,688	1,500	1,969	4,034	1	N	P600 . -D34, ..
D4140.07-35.00F38-N	1,378	9,882	301,999	2,688	1,500	1,969	4,255	1	N	P600 . -D35, ..
D4140.07-36.00F38-P	1,417	10,197	310,001	2,688	1,500	1,969	4,359	1	P	P600 . -D36, ..
D4140.07-37.00F38-P	1,457	10,433	318,003	2,688	1,500	1,969	4,592	1	P	P600 . -D37, ..

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

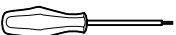
→ Good = ☹

→ Moderate = ☹

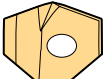
Assembly parts

	D _c [inch]	0,472–0,512	0,551–0,591	0,63–0,669	0,709–0,748	0,787–0,827	0,866–0,906	0,945–0,984	1,024–1,063	1,102–1,299	1,339–1,457
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 0,885 lbs	FS1397 (T8IP) 1,475 lbs	FS1398 (T8IP) 1,475 lbs	FS1399 (T15IP) 2,95 lbs	FS1400 (T20IP) 3,688 lbs	FS1401 (T20IP) 3,688 lbs	FS1402 (T20IP) 3,688 lbs	FS1403 (T25IP) 4,057 lbs	FS1404 (T25IP) 4,057 lbs	FS2159 (T25IP) 4,057 lbs

Accessories

	D _c [inch]	0,472–0,512	0,551–0,669	0,709–0,748	0,787–0,984	1,024–1,457
	Torque T-handle					FS2042
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004	
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2049 (T25IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1487 (T25IP)

Interchangeable inserts

	Designation	D _c inch	P		M		K		N		S	
			HC		HC		HC		HC		HC	
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WMP35			
	P6001-D..	0,472–1,496			☼							
	P6003-D..	0,472–1,496	☼			☼					☼	
	P6004-D..	0,472–1,240					☼					
	P6005-D..	0,472–1,496				☼						
	P6006-D..	0,472–1,496	☼									

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

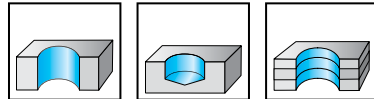
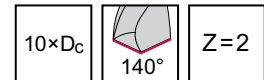
→ Very good = ☺

→ Good = ☹

→ Moderate = ☹

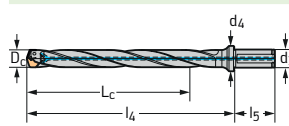
Exchangeable-tip drills

D4140
Drion-tec™

– P6006 – Can be used without pilot drilling up to $10 \times D_c$


	P	M	K	N	S	H	O
D4140	●	●	●	●	●	●	●

Tool



Cylindrical shank with flat

Designation

D_c
mm

L_c
mm

l₄
mm

l₅
mm

d₁
mm

d₄
mm

kg

No. of
inserts

Seat
size

Version

D4140-10-12.00F16-A	12	120	152	48	16	20	0,16	1	A	P600 . -D12, ..
D4140-10-13.00F16-A	13	130	163	48	16	20	0,18	1	A	P600 . -D13, ..
D4140-10-14.00F16-B	14	140	174	48	16	20	0,2	1	B	P600 . -D14, ..
D4140-10-15.00F16-B	15	150	185	48	16	20	0,22	1	B	P600 . -D15, ..
D4140-10-16.00F20-C	16	160	196	50	20	25	0,31	1	C	P600 . -D16, ..
D4140-10-17.00F20-C	17	170	207	50	20	25	0,34	1	C	P600 . -D17, ..
D4140-10-18.00F20-D	18	180	218	50	20	25	0,4	1	D	P600 . -D18, ..
D4140-10-19.00F20-D	19	190	229	50	20	25	0,4	1	D	P600 . -D19, ..
D4140-10-20.00F20-E	20	200	240	50	20	25	0,48	1	E	P600 . -D20, ..
D4140-10-21.00F20-E	21	210	251	50	20	25	0,49	1	E	P600 . -D21, ..
D4140-10-22.00F25-F	22	220	263	56	25	32	0,71	1	F	P600 . -D22, ..
D4140-10-23.00F25-F	23	230	273	56	25	32	0,75	1	F	P600 . -D23, ..
D4140-10-24.00F25-G	24	240	285	56	25	32	0,82	1	G	P600 . -D24, ..
D4140-10-25.00F25-G	25	250	296	56	25	32	0,87	1	G	P600 . -D25, ..

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

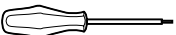
→ Good = ☹

→ Moderate = ☹

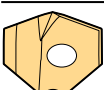
Assembly parts

	D _c [mm]	12-13	14-15	16-17	18-19	20-21	22-23	24-25
	Clamping screw for drill insert	FS1396 (T7IP)	FS1397 (T8IP)	FS1398 (T8IP)	FS1399 (T15IP)	FS1400 (T20IP)	FS1401 (T20IP)	FS1402 (T20IP)
	Tightening torque	1,2 Nm	2 Nm	2 Nm	4 Nm	5 Nm	5 Nm	5 Nm

Accessories

	D _c [mm]	12-13	14-17	18	19	20-24	21-25
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003	FS2003	FS2003
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1486 (T20IP)

Interchangeable inserts

	Designation	D _c mm	P		M		K		N		S	
			HC		HC		HC		HC		HC	
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25	WNN25	WNN25	WMP35	WMP35
	P6001-D..	12-25,8			☺							
	P6003-D..	12-25,8	☺			☺					☺	
	P6004-D..	12-25,5							☺			
	P6005-D..	12-25,8				☺						
	P6006-D..	12-25,8	☺									

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☹

→ Moderate = ☹

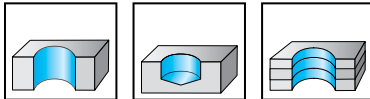
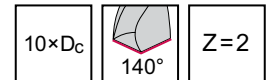
Exchangeable-tip drills

D4140 inch

Drion-tec™



– P6006 – Can be used without pilot drilling up to $10 \times D_c$



	P	M	K	N	S	H	O
D4140	●	●	●	●	●		

Tool

Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Seat size	Version
D4140.10-12.00F15-A	0,472	4,724	152	1,890	0,625	0,787	0,353	1	A	P600 . -D12, ..
D4140.10-15.00F15-B	0,591	5,906	185	1,890	0,625	0,787	0,485	1	B	P600 . -D15, ..
D4140.10-19.00F19-D	0,748	7,48	229	2,031	0,750	0,984	0,882	1	D	P600 . -D19, ..
D4140.10-22.00F26-F	0,866	8,661	263	2,281	1,000	1,260	1,543	1	F	P600 . -D22, ..
D4140.10-25.00F26-G	0,984	9,843	296	2,281	1,000	1,260	1,984	1	G	P600 . -D25, ..

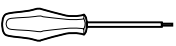
Cylindrical shank with flat

Bodies and assembly parts are included in the scope of delivery

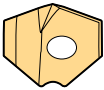
Assembly parts

	D _c [inch]	0,472	0,591	0,748	0,866	0,984
	Clamping screw for drill insert Tightening torque	FS1396 (T7IP) 0,885 lbs	FS1397 (T8IP) 1,475 lbs	FS1399 (T15IP) 2,95 lbs	FS1401 (T20IP) 3,688 lbs	FS1402 (T20IP) 3,688 lbs

Accessories

	D _c [inch]	0,472	0,591	0,748	0,866–0,984
	Torque screwdriver, analogue	FS2002	FS2004	FS2004	FS2004
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)

Interchangeable inserts

	Designation	D _c inch	P		M	K	N	S
			WMP35	WPP25	WPP45C	WMP35	WKK45C	WNN25
	P6001-D..	0,472–1,016			☹			
	P6003-D..	0,472–1,016	☹		☹			☹
	P6004-D..	0,472–1,004					☹	
	P6005-D..	0,472–1,016				☹		
	P6006-D..	0,472–1,016	☹					

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

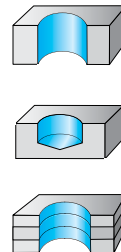
→ Very good = ☺

→ Good = ☹

→ Moderate = ☹

HSS drilling tools

B1



Drilling depth

 $3 \times D_C$
 $5 \times D_C$


Designation

A1154TFT
VA Inox

A1149XPL
UFL®

A1148
UFL®

A3153

A3143

Additional services



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

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www.walter-tools.com/woc/

A1154TFT

A1149XPL

A1148

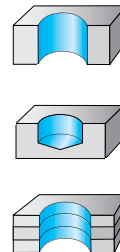
A3153

A3143

WALTER SELECT

●● Primary application ● Other application

HSS drilling tools



Drilling depth	$8 \times D_C$			
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Designation	A1254TFT VA Inox	A1249XPL UFL®	A1222 UFL®	A1244 VA	Z3515
Additional services					
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	
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	●	●	●		

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A1254TFT

A1249XPL

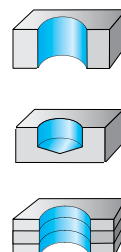
A1222

A1244

Z3515

HSS drilling tools

B1



Drilling depth

 $8 \times D_C$


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

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

●●

●●

●

●

●

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www.walter-tools.com/woc/

Z3516

A4244

A1247

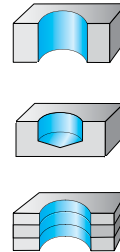
A4247

DA110

WALTER SELECT

●● Primary application ● Other application

HSS drilling tools



Drilling depth		8 x D _C	
----------------	--	--------------------	--



Designation	DA110 Perform	A1211TIN	A1211	Z3213	Z3218
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Additional services

Standard	DIN 338	DIN 338	DIN 338	DIN 338	DIN 338
Coating / grade		TIN	uncoated		
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	●	●	●	●	●

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DA110



A1211TIN



A1211



Z3213

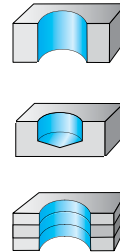


Z3218

www.walter-tools.com/woc/

HSS drilling tools

B1



Drilling depth

 $12 \times D_C$


Designation

A1549TFP
UFL®

A1522
UFL®

A4422
UFL®

A1544
VA

A1547
Alpha® XE

Additional services



Standard

DIN 340

DIN 340

DIN 341

DIN 340

DIN 340

Coating / grade

TFP

uncoated

uncoated

uncoated

uncoated

Shank

Cylindrical shank

Cylindrical shank

Morse taper

Cylindrical shank

Cylindrical shank

Diameter range [mm]

1–12

1–22,225

10–31

1–12

1–12,7

P Steel

●●

●●

●●

●

●

M Stainless steel

●●

●

●

●●

●●

K Cast iron

●●

●●

●●

●●

●●

N NF metals

●●

●●

●●

●

●

S Materials with difficult cutting properties

●

●

●

●●

●●

H Hard materials

●

●

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●

●

O Other

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www.walter-tools.com/woc/

A1549TFP

A1522

A4422

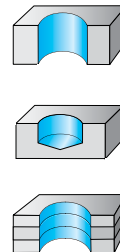
A1544

A1547

WALTER SELECT

●● Primary application ● Other application

HSS drilling tools



Drilling depth	12 x D _C	16 x D _C	22 x D _C
----------------	---------------------	---------------------	---------------------



Designation	A1511	A1622 UFL®	A4622 UFL®	A4611	A1722 UFL®
Additional services					
Standard	DIN 340	DIN 1869 I	DIN 1870 I	DIN 1870 I	DIN 1869 II
Coating / grade	uncoated	uncoated	uncoated	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank	Morse taper	Morse taper	Cylindrical shank
Diameter range [mm]	0,5–22	2–12,7	12–30	8–40	3–12
P Steel	●	●●	●●	●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●●	●●	●	●●
N NF metals	●	●●	●●	●	●●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other	●	●	●	●	●

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A1511



A1622



A4622



A4611

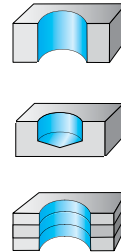


A1722

www.walter-tools.com/woc/

HSS drilling tools

B1



Drilling depth	22 x D _C	30 x D _C	60 x D _C	85 x D _C	
----------------	---------------------	---------------------	---------------------	---------------------	--



Designation	A4722 UFL®	A1822 UFL®	A1922S UFL®	A1922L UFL®	Z3219TIN
Additional services					
Standard	DIN 1870 II	DIN 1869 III	Walter	Walter	DIN 338
Coating / grade	uncoated	uncoated	uncoated	uncoated	
Shank	Morse taper	Cylindrical shank	Cylindrical shank	Cylindrical shank	
Diameter range [mm]	8–40	3,5–12	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	●	●	●	●	●

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www.walter-tools.com/woc/

A4722

A1822

A1922S

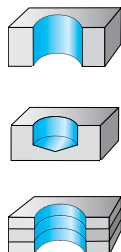
A1922L

Z3219TIN

WALTER SELECT

●● Primary application ● Other application

HSS drilling tools



Drilling depth



Designation	Z3219	Z3216
-------------	-------	-------

Additional services

Standard	DIN 338	DIN 338
----------	---------	---------

Coating / grade

Shank		
-------	--	--

Diameter range [mm]

	–	–
P Steel	●●	●●
M Stainless steel	●	●
K Cast iron	●●	●●
N NF metals	●	●
S Materials with difficult cutting properties	●	●
H Hard materials		
O Other	●	●

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QR code



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Z3219

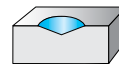
Z3216

WALTER SELECT

●● Primary application ● Other application

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



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

●●

●●

●●

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QR code


www.walter-tools.com/woc/

A1115

A1115L

A1115S

Solid carbide and HSS center drills

Machining



Shape

A

A

A

A

A

B1



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

●●

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●●

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●●

O Other

●●

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www.walter-tools.com/woc/

K1161XPL

K1161

K1911

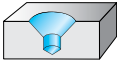
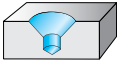
K1811

K1411S

WALTER SELECT

●● Primary application ● Other application

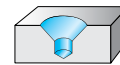
Solid carbide and HSS center drills

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					
	K1411M	K1411L	K1313	K1311	K1215

www.walter-tools.com/woc/

Solid carbide and HSS center drills

Machining



Shape

A

R

R

R

A

B1



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

●●

●●

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K1131

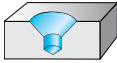
K1114

K1113TIN

K1113

K1112

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	●●	●●

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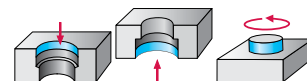
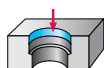

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K1111TIN

K1111

Walter Capto™/ScrewFit precision boring tools

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



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QR code


www.walter-tools.com/woc/

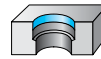
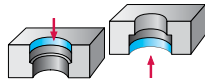
B5110

B5115

B5120

Walter Capto™/ScrewFit 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



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www.walter-tools.com/woc/

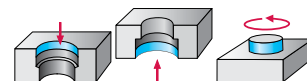
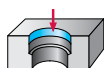
B5125

B4035

EB100

Walter NCT precision boring tools

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 NCT precision boring tools

Machining



Diameter range [mm]

3–124



Designation

B4035

EB100

Display

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

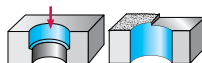

www.walter-tools.com/woc/

B4035

EB100

Walter Capto™ two flute boring tools

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 Capto™ 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	

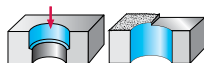
QR code



www.walter-tools.com/woc/	B3221
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Walter NCT two flute boring tools

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 NCT 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



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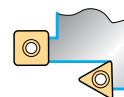
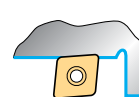
QR code


www.walter-tools.com/woc/

B3221

ISO cartridges

Machining



Approach angle

45°

75°

75°

90°

90°



Designation

PSSN...CA

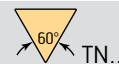
PSKN...CA

SSKC-09...CA

PCFN...CA

PTFN...CA

Indexable insert types



Insert size l [mm]

12

9–15

9

12

16

Clamping system

Lever-type

Lever-type

Screw

Lever-type

Lever-type

Adjustment accuracy [mm]

D_{c min} [mm]

50

40 / 50 / 60 / 70

40

50

50

Page in catalogue

QR code



www.walter-tools.com/woc/

PSSN-CA

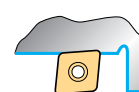
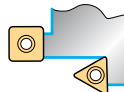
PSKN-CA

SSKC-09-CA

PCFN-CA

PTFN-CA

Machining



Approach angle

90°

90°

90°

95°

95°



Designation

SCFC...CA

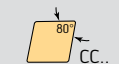
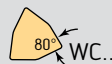
STFC...CA

SWFC...CA

PCLN...CA

SCLC...CA

Indexable insert types



Insert size l [mm]

9–12

9–11

6

12–16

9–12

Clamping system

Screw

Screw

Screw

Lever-type

Screw

Adjustment accuracy [mm]

D_{c min} [mm]

40 / 50

25 / 40

40

50 / 60 / 70

40 / 50

Page in catalogue

QR code



www.walter-tools.com/woc/

SCFC-CA

STFC-CA

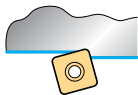
SWFC-CA

PCLN-CA

SCLC-CA

ISO cartridges

Machining



Approach angle	105°
----------------	------



Designation SSRC-12...CA

Indexable insert types	
------------------------	---

Insert size l [mm]	9
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Clamping system	Screw
-----------------	-------

Adjustment accuracy [mm]	
--------------------------	--

D _{c min} [mm]	40
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Page in catalogue

QR code



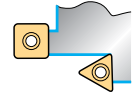
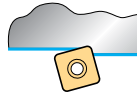
www.walter-tools.com/woc/ SSRC-12-CA



B 2

Walter mini cartridges

Machining



Approach angle	15°	30°	45°	45°	60°
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Designation

FR701

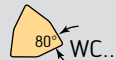
FR675

FR/FL 673

FR699

FR674

Indexable insert types



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
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QR code

www.walter-tools.com/woc/

FR701

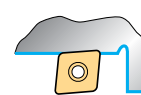
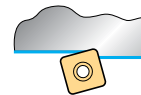
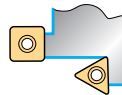
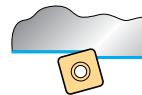
FR675

FR-FL-673

FR699

FR674

Machining



Approach angle	60°	75°	75°	90°	90°
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Designation

FR698

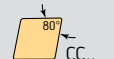
FR/FL 707

FR697

FR/FL 671

FR/FL 672

Indexable insert types



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
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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
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QR code

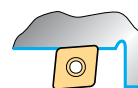
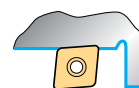
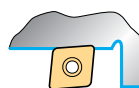
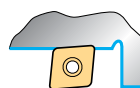


www.walter-tools.com/woc/	FR680
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B 2

Walter precision boring cartridges

Machining



Approach angle

90°

90°

90°

90°

95°



Designation

FR/FL 709

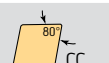
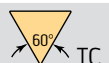
FR/FL 710

FR760

FR761

FR/FL 711

Indexable insert types



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

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www.walter-tools.com/woc/

FR-FL-709

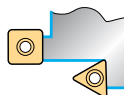
FR-FL-710

FR760

FR761

FR-FL-711

Machining



Approach angle

95°

95°



Designation

FR/FL 717

FR763

Indexable insert types



Insert size l [mm]

6

6

Clamping system

Screw

Screw

Adjustment accuracy [mm]

0,01

0,002

D_{c min} [mm]

28

28

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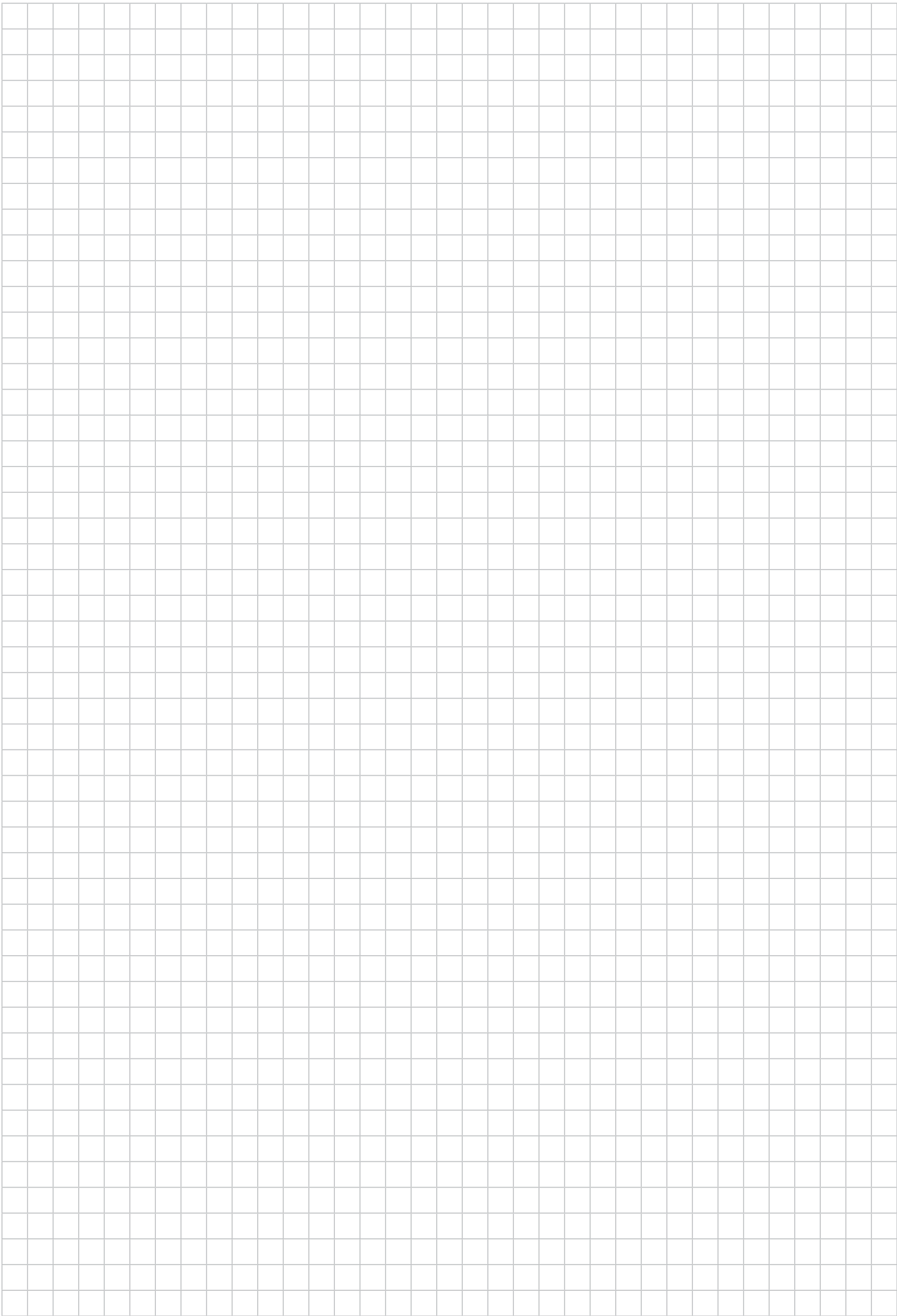


QR code

www.walter-tools.com/woc/

FR-FL-717

FR763



B 2

HSS countersink



Drilling depth



Designation	E6819TIN	Z3711TIN	E6819	E7819	E6818
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Additional services

Standard	DIN 335		DIN 335	DIN 335	DIN 334
Coating / grade	TIN		uncoated	uncoated	uncoated
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



E6819TIN



Z3711TIN



E6819



E7819



E6818

www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

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



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

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

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

● ●

● ●

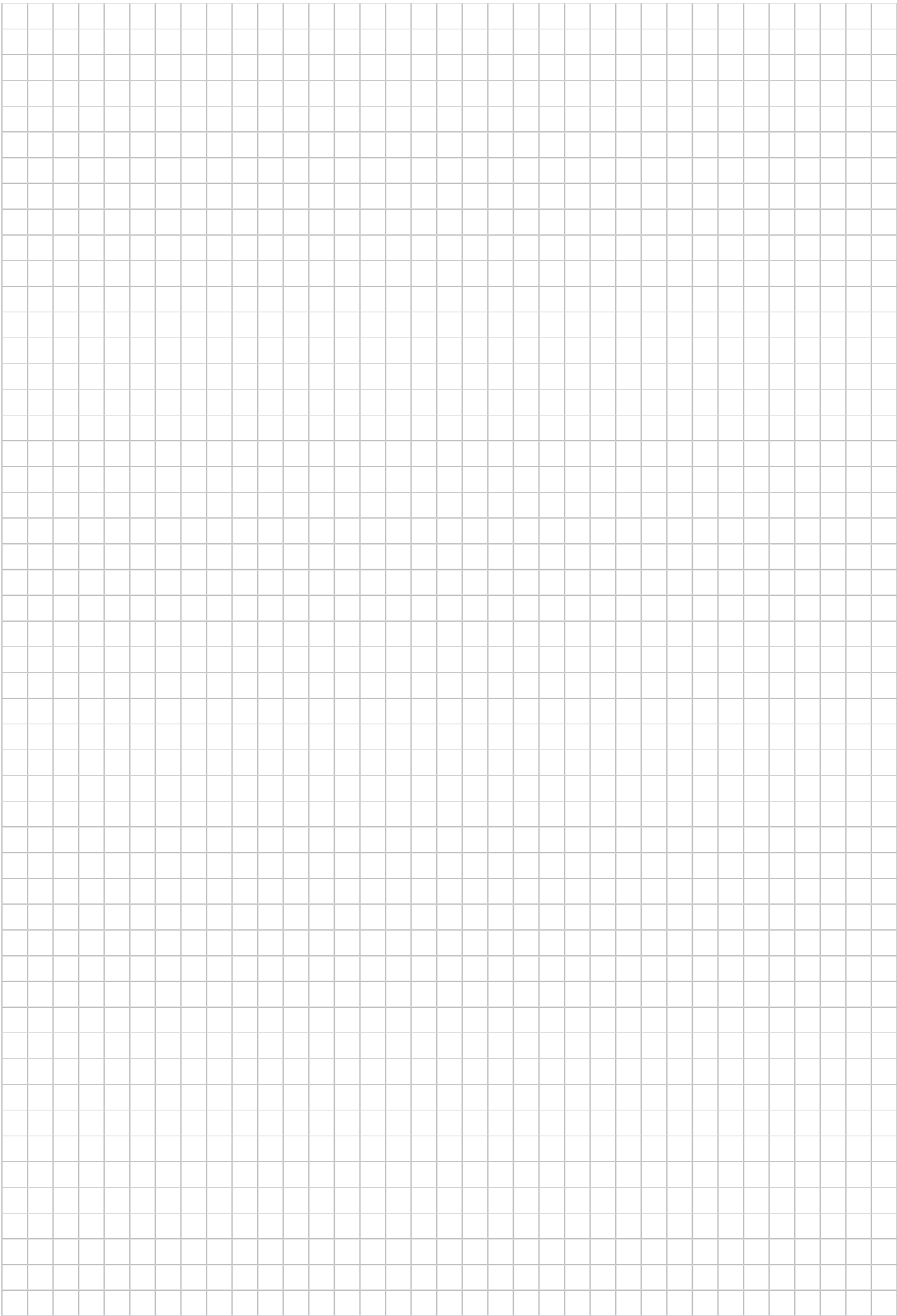
Page in catalogue

QR code


www.walter-tools.com/woc/

F1131

F1231



B3

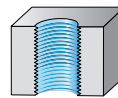


C – Threading

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HSS-E (-PM) taps

Machining



Thread depth

 $1 \times D_N$
 $1 \times D_N$
 $1 \times D_N$
 $1 \times D_N$
 $2 \times D_N$


Designation

AMB

MMB

Protostep Inox

Prototex® OS

Prototex® TiNi

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

6HX

6H

2B / 3B / 4H / 4HX
/ 6HX

Coolant supply

External

External

External

External

External

Chamfer form

18 P

NA

B

B

Coating / grade

TIN

uncoated

VAP

uncoated

TICN / uncoated

Cutting tool material

HSS-E

HSS-E

HSS-E

HSS-E

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

protostep-inox

prototex-os

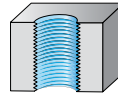
prototex-tini

WALTER SELECT

●● Primary application ● Other application

HSS-E (-PM) taps

Machining



Thread depth

2 x D_N2 x D_N3 x D_N3 x D_N3 x D_N

NEW



Designation

Prototex® TiNi Plus

TMB

KMB H

Paradur® N

Prototex® Megasprint

Thread type

M

✓

✓

✓

✓

MF

✓

UNC / UNF / UN-8

G / Rc / Rp

MJ / UNJC / UNJF

✓

NPT / NPTF

Pg / BSW / Tr

✓

✓

Indexable inserts basic shape

Tolerance

3B / 4H / 6HX

7H

6H / NORMAL

6H

6H

Coolant supply

External

External

External

External

radial

Chamfer form

B

24 P

B

D

B

Coating / grade

ACN

uncoated

uncoated

uncoated

TIN

Cutting tool material

HSS-E-PM

HSS-E

HSS-E

HSS-E

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

280

QR code



www.walter-tools.com/woc/

prototex-tini-plus

tmb

kmb-h

paradur-n

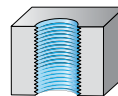
prototex-megasprint

WALTER SELECT

●● Primary application ● Other application

HSS-E (-PM) taps

Machining



Thread depth

 $3 \times D_N$
 $3 \times D_N$
 $3 \times D_N$
 $3 \times D_N$
 $3 \times D_N$


Designation

Prototex® Sprint

Prototex® Synchrospeed

Prototex® X-pert M

Prototex® X-pert N

Prototex® X-pert P

Thread type

M

✓

✓

✓

✓

✓

MF

✓

✓

✓

✓

UNC / UNF / UN-8

✓

✓

G / Rc / Rp

✓

✓

MJ / UNJC / UNJF

NPT / NPTF

Pg / BSW / Tr

✓

Indexable inserts basic shape

✓

✓

Tolerance

6H

6HX

2B / 3B / 5HX / 6GX
/ 6HMOD / 6HX /
NORMAL

6H

2B / 3B / 4H / 6G /
6H / 6HMOD / 7G /
MEDIUM / NORMAL

Coolant supply

External

External

External

External

External

Chamfer form

B

B

B

B

B

Coating / grade

TICN / TIN

THL / TIN

TICN / TIN / VAP

uncoated

TICN / TIN /
uncoated

Cutting tool material

HSS-E-PM

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-sprint

prototex-synchrospeed

prototex-xpert-m

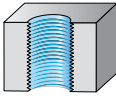
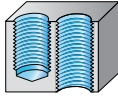
prototex-xpert-n

prototex-xpert-p

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	Prototex® X-pert P AZ	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	6H	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	uncoated	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	●			●	

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prototex-xpert-p-az



prototex-eco-plus



TC216



paradur-h

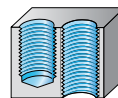


hgb

www.walter-tools.com/woc/

HSS-E (-PM) taps

Machining



Thread depth

 $2 \times D_N$
 $2 \times D_N$
 $2 \times D_N$
 $2 \times D_N$
 $3 \times D_N$


Designation

HGB Inox

HGB Ti

Paradur® AP

Paradur® FT

KMB Ms

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

6HX

6H

6H / NORMAL

Coolant supply

External

External

External

External

External

Chamfer form

C

C

C

D

E / F

Coating / grade

VAP

NID

NIT

uncoated

uncoated

Cutting tool material

HSS-E

HSS-E

HSS-E

HSS-E-PM

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

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www.walter-tools.com/woc/

hgb-inox

hgb-ti

paradur-ap

paradur-ft

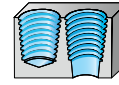
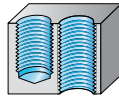
kmb-ms

WALTER SELECT

● ● Primary application ● Other application

HSS-E (-PM) taps

Machining



Thread depth

3 x D_N3 x D_N

Designation	Paradur® Eco CI	Paradur® X-pert K	Paradur Inox®	Paradur Inox® 40	Paradur® H
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 / NORMAL	6HX	NORMAL	NORMAL	NORMAL
Coolant supply	External	External	External	External	External
Chamfer form	C / E	C	C	C	C
Coating / grade	NID / TiCN	TAFT	THL / VAP	uncoated	uncoated
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	●●				●

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paradur-eco-ci



paradur-xpert-k



paradur-inox



paradur-inox-40

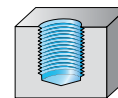
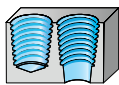


paradur-h

www.walter-tools.com/woc/

HSS-E (-PM) taps

Machining



Thread depth

 $1,5 \times D_N$
 $1,5 \times D_N$
 $1,5 \times D_N$


Designation

Paradur® N

Paradur® Ni

Paradur Inox® 25

Paradur® HN

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

NORMAL

NORMAL

6HX / NORMAL

6HX

2B / 3B / 6G / 6H /
NORMAL

Coolant supply

External

External

External

External

External

Chamfer form

C

C

E

E

C

Coating / grade

VAP

TiCN / uncoated

TiN

uncoated

TiCN / TiN /
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

●●

●●

●●

●●

●●

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www.walter-tools.com/woc/

paradur-n

paradur-ni

paradur-inox-25

paradur-hn

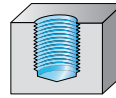
paradur-n

WALTER SELECT

●● Primary application ● Other application

HSS-E (-PM) taps

Machining



Thread depth	1,5 x D _N	1,5 x D _N	1,5 x D _N	2 x D _N	2 x D _N
--------------	----------------------	----------------------	----------------------	--------------------	--------------------

NEW

NEW



Designation	Paradur® Ni	Paradur® Ni 10	TC122 Supreme	Paradur® Ti	Paradur® Ti 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	2B / 3B / 4H / 4HX / 6HX	3B / 4H / 6HX	6HX	2B / 3B / 4H / 6HX	3B / 4H / 6HX
Coolant supply	External	External	External	External	External
Chamfer form	C	C	C	C	C
Coating / grade	TICN / uncoated	TIN / uncoated	WW60BC	TICN / uncoated	ACN
Cutting tool material	HSS-E-PM	HSS-E-PM	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					

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QR code


www.walter-tools.com/woc/

paradur-ni

paradur-ni-10

TC122

paradur-ti

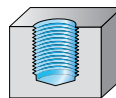
paradur-ti-plus

WALTER SELECT

●● Primary application ● Other application

HSS-E (-PM) taps

Machining



Thread depth

 $2,5 \times D_N$
 $2,5 \times D_N$
 $2,5 \times D_N$
 $2,5 \times D_N$
 $2,5 \times D_N$


Designation

Paradur® STE

Paradur®
Synchrospeed

Paradur® X-pert M

TC121 Supreme

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

6HX / NORMAL

2B / 3B / 6GX /
6HMOD / 6HX /
NORMAL

6HX

6HX

Coolant supply

External

External / axial

External

External / axial

axial

Chamfer form

E

C

C

C

C

Coating / grade

THL / uncoated

THL / TIN/VAP

THL / TiCN / TIN
/ VAP

WW60RG / WY80BD

WW60BC

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

●

●

●

●

●

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www.walter-tools.com/woc/

paradur-ste

paradur-synchrospeed

paradur-xpert-m

TC121

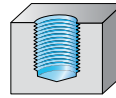
TC122

WALTER SELECT

●● Primary application ● Other application

HSS-E (-PM) taps

Machining



Thread depth

3 x D_N3 x D_N3 x D_N3 x D_N3 x D_N

NEW



Designation

KMB WST

Paradur® Eco CI

Paradur® Eco Plus

Paradur® Uni

Paradur® WLM
Synchrospeed

Thread type

M

✓

✓

✓

✓

✓

MF

✓

✓

✓

UNC / UNF / UN-8

✓

G / Rc / Rp

✓

✓

MJ / UNJC / UNJF

NPT / NPTF

Pg / BSW / Tr

Indexable inserts basic shape

Tolerance

6H

6HX

2B / 6GX / 6HX /
NORMAL

6G / 6H / NORMAL

6H

Coolant supply

External

axial / radial

External / axial /
radial

External

External

Chamfer form

C

C / E

C / E

C

C

Coating / grade

uncoated

TiCN

THL / TiN

TiN / VAP / uncoated

CRN / uncoated

Cutting tool material

HSS-E

HSS-E-PM

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

● ●

● ●

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QR code



www.walter-tools.com/woc/

kmb-wst

paradur-eco-ci

paradur-eco-plus

paradur-uni

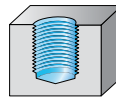
paradur-
wlm-synchrospeed

WALTER SELECT

● ● Primary application ● Other application

HSS-E (-PM) taps

Machining



Thread depth

 $3 \times D_N$
 $3 \times D_N$
 $3 \times D_N$
 $3 \times D_N$
 $3 \times D_N$


Designation

Paradur® X-pert N

Paradur® X-pert P

Paradur® X-pert P AZ

TC115 Perform

TC120 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

2B / 3B / 6G / 6H /
6HMOD / NORMAL

2B / 3B / 4H / 6G /
6H / 6HMOD / 7G /
MEDIUM / NORMAL

6H

2B / 6H

6HX

Coolant supply

External

External

External

External

External / axial

Chamfer form

C

C

C

C / E

C

Coating / grade

uncoated

THL / TIN / uncoated

uncoated

WY80AA / WY80FC

WW60AG

Cutting tool material

HSS-E

HSS-E

HSS-E

HSS-E

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

●

●

●

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paradur-xpert-n

paradur-xpert-p

paradur-xpert-p-az

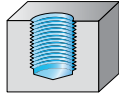
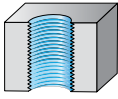
TC115

TC120

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	3,5 x D _N	1,5 x D _N



Designation	TC142 Supreme	Paradur® NH	Paradur® Short Chip HT	TC130 Supreme	Paradur® Combi
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	6H	6HX	2B / 6HX	6H
Coolant supply	External	axial	axial	axial	External
Chamfer form	C	C	C	C	C
Coating / grade	WW60RB / WY80FC	TIN / uncoated	THL / uncoated	WY80AA / WY80EH	uncoated
Cutting tool material	HSS-E / HSS-E-PM	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		•		•	

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TC142



paradur-nh



paradur-short-chip-ht



TC130



paradur-combi

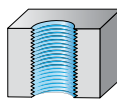
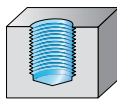
www.walter-tools.com/woc/

WALTER SELECT

•• Primary application • Other application

HSS-E (-PM) taps

Machining



Thread depth

 $3 \times D_N$
 $3 \times D_N$


Designation	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	6H	6H
Coolant supply	External	External
Chamfer form	C	B
Coating / grade	WY80AA / WY80FC	WY80AA / WY80FC
Cutting tool material	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

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www.walter-tools.com/woc/

TC115

TC216

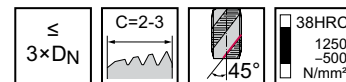
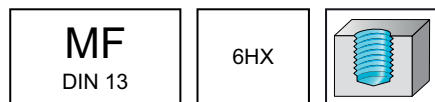
HSS-E PM machine taps

mm

Paradur® Eco Plus

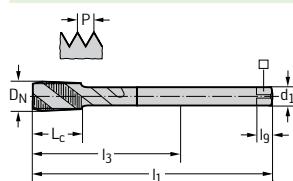


– For long-chipping materials



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

DIN 374



Parallel shank

Designation THL	DN	P mm	l ₁ mm	L _c mm	l ₃ mm	d ₁ h9 mm	mm	l ₉ mm	N
EP2156302-M6X0.75	MF 6x0.75	0,75	80	10	59	4,5	3,4	6	3
★ EP2156302-M7X1	MF 7x1	1	80	10	58	5,5	4,3	7	3
EP2156302-M8X1	MF 8x1	1	90	12	67	6	4,9	8	3
★ EP2156302-M9X1	MF 9x1	1	90	13	67	7	5,5	8	3
EP2156302-M10X1	MF 10x1	1	90	12	67	7	5,5	8	3
EP2156302-M10X1.25	MF 10x1.25	1,25	100	15	77	7	5,5	8	3
★ EP2156302-M11X1	MF 11x1	1	90	15	66	8	6,2	9	3
EP2156302-M12X1	MF 12x1	1	100	13	73	9	7	10	4
EP2156302-M12X1.25	MF 12x1.25	1,25	100	13	73	9	7	10	4
EP2156302-M12X1.5	MF 12x1.5	1,5	100	13	73	9	7	10	4
EP2156302-M14X1.25	MF 14x1.25	1,25	100	15	71	11	9	12	4
EP2156302-M14X1.5	MF 14x1.5	1,5	100	15	71	11	9	12	4
EP2156302-M16X1.5	MF 16x1.5	1,5	100	15	58	12	9	12	4
EP2156302-M18X1.5	MF 18x1.5	1,5	110	17	66	14	11	14	4
EP2156302-M20X1.5	MF 20x1.5	1,5	125	17	80	16	12	15	4
EP2156302-M22X1.5	MF 22x1.5	1,5	125	18	78	18	14,5	17	4

WALTER
SELECT

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

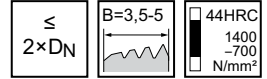
HSS-E PM machine taps

mm

Prototex® TiNi Plus

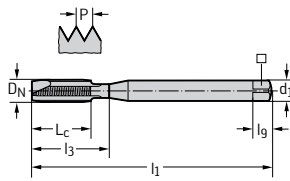


- Recommended with emulsion
- External diameter, rounded



	P	M	K	N	S	H	O
ACN					●●		

~DIN 371



Parallel shank

Designation ACN	DN	P mm	l ₁ mm	L _c mm	l ₃ mm	d ₁ h9 mm	□ mm	l ₉ mm	N
★ 2020763-MJ3	MJ 3	0,5	56	10	10	3,5	2,7	6	2
★ 2020763-MJ4	MJ 4	0,7	63	13	13	4,5	3,4	6	3
★ 2020763-MJ5	MJ 5	0,8	70	16	16	6	4,9	8	3
★ 2020763-MJ6	MJ 6	1	80	15	23	6	4,9	8	3
★ 2020763-MJ8	MJ 8	1,25	90	18	29	8	6,2	9	3
★ 2020763-MJ10	MJ 10	1,5	100	20	33	10	8	11	3

C1

WALTER
SELECT

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

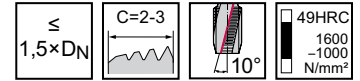
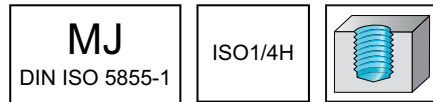
HSS-E PM machine taps

mm

Paradur® Ni 10



- External diameter, rounded
- For long- and short-chipping materials



	P	M	K	N	S	H	O
uncoated	●●			●	●●		

~DIN 371	Designation uncoated	D _N	P mm	l ₁ mm	L _c mm	l ₃ mm	d ₁ h9 mm	□ mm	l _g mm	N
	2041014-MJ3	MJ 3	0,5	56	8	8	3,5	2,7	6	3
	2041014-MJ4	MJ 4	0,7	63	10,5	10,5	4,5	3,4	6	3
	2041014-MJ5	MJ 5	0,8	70	13	13	6	4,9	8	3
	2041014-MJ6	MJ 6	1	80	15,5	15,5	6	4,9	8	3

Parallel shank

Without reduced neck after the thread

C1

WALTER
SELECT

●● Primary application ● Other application

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

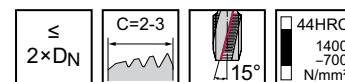
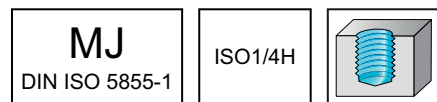
HSS-E PM machine taps

mm

Paradur® Ti



- Recommended with oil
- External diameter, rounded



	P	M	K	N	S	H	O
uncoated	●●			●	●●		

~DIN 371	Designation uncoated	D _N	P mm	l ₁ mm	L _c mm	l ₃ mm	d ₁ h9 mm	□ mm	l ₉ mm	N
	204164-MJ3	MJ 3	0,5	56	10	10	3,5	2,7	6	3
	204164-MJ4	MJ 4	0,7	63	13	13	4,5	3,4	6	3
	204164-MJ5	MJ 5	0,8	70	16	16	6	4,9	8	3
	204164-MJ6	MJ 6	1	80	15	23	6	4,9	8	3
	204164-MJ8	MJ 8	1,25	90	18	29,5	8	6,2	9	3
	204164-MJ10	MJ 10	1,5	100	20	33,5	10	8	11	3
Parallel shank										

≤ MJ 5: Without reduced neck after the thread

C1

WALTER
SELECT

●● Primary application ● Other application

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

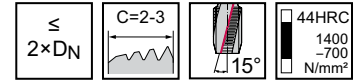
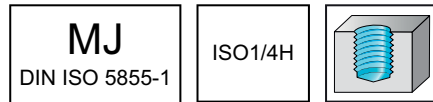
HSS-E PM machine taps

mm

Paradur® Ti Plus



- Recommended with emulsion
- External diameter, rounded



	P	M	K	N	S	H	O
ACN					●●		

~DIN 371	Designation ACN	D _N	P mm	l ₁ mm	L _c mm	l ₃ mm	d ₁ h9 mm	□ mm	l ₉ mm	N
	★ 2040663-MJ3	MJ 3	0,5	56	10	10	3,5	2,7	6	3
	★ 2040663-MJ4	MJ 4	0,7	63	13	13	4,5	3,4	6	3
	★ 2040663-MJ5	MJ 5	0,8	70	16	16	6	4,9	8	3
	★ 2040663-MJ6	MJ 6	1	80	15	23	6	4,9	8	3
	★ 2040663-MJ8	MJ 8	1,25	90	18	29	8	6,2	9	3
	★ 2040663-MJ10	MJ 10	1,5	100	20	33	10	8	11	3

Parallel shank

C1

WALTER
SELECT

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

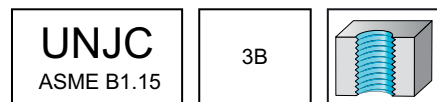
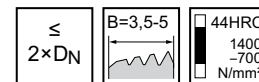
HSS-E PM machine taps

mm

Prototex® TiNi Plus



- Recommended with emulsion
- External diameter, rounded



	P	M	K	N	S	H	O
ACN					●●		

~DIN 2184-1		Designation ACN	D _N -P	D _N mm	l ₁ mm	L _c mm	l ₃ mm	d ₁ h9 mm	□ mm	l ₉ mm	N
Parallel shank	★	2220763-UNJC4	UNJC #4-40	2,845	56	10	10	3,5	2,7	6	2
	★	2220763-UNJC6	UNJC #6-32	3,505	56	12	12	4	3	6	3
	★	2220763-UNJC8	UNJC #8-32	4,166	63	13	13	4,5	3,4	6	3
	★	2220763-UNJC10	UNJC #10-24	4,826	70	16	16	6	4,9	8	3
	★	2220763-UNJC1/4	UNJC 1/4-20	6,35	80	15	25	7	5,5	8	3
	★	2220763-UNJC5/16	UNJC 5/16-18	7,938	90	18	29	8	6,2	9	3
	★	2220763-UNJC3/8	UNJC 3/8-16	9,525	100	20	33	10	8	11	3

C1

WALTER
SELECT

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

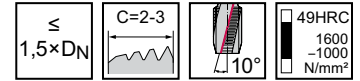
HSS-E PM machine taps

mm

Paradur® Ni 10



- External diameter, rounded
- For long- and short-chipping materials



	P	M	K	N	S	H	O
uncoated	●●			●	●●		

~DIN 2184-1		Designation uncoated	D _N -P	D _N mm	l ₁ mm	L _c mm	l ₃ mm	d ₁ h9 mm	□ mm	l _g mm	N
	224101-UNJC4	UNJC #4-40		2,845	56	8	8	3,5	2,7	6	3
	224101-UNJC6	UNJC #6-32		3,505	56	10	10	4	3	6	3
	224101-UNJC8	UNJC #8-32		4,166	63	11	11	4,5	3,4	6	3
	224101-UNJC10	UNJC #10-24		4,826	70	13,5	13,5	6	4,9	8	3
	224101-UNJC1/4	UNJC 1/4-20		6,35	80	17,5	17,5	7	5,5	8	3
	224101-UNJC5/16	UNJC 5/16-18		7,938	90	21	21	8	6,2	9	3
	224101-UNJC3/8	UNJC 3/8-16		9,525	100	25	25	10	8	11	3
Parallel shank											

≤ UNC 10: Without reduced neck after the thread

C1

WALTER
SELECT

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

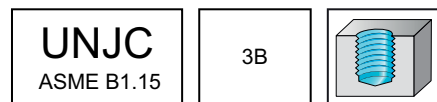
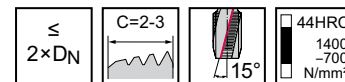
HSS-E PM machine taps

mm

Paradur® Ti Plus



- Recommended with emulsion
- External diameter, rounded



	P	M	K	N	S	H	O
ACN					●●		

~DIN 2184-1		Designation ACN	D _N -P	D _N mm	l ₁ mm	L _c mm	l ₃ mm	d ₁ h9 mm	□ mm	l _g mm	N
Parallel shank	★	2240663-UNJC4	UNJC #4-40	2,845	56	10	10	3,5	2,7	6	3
	★	2240663-UNJC6	UNJC #6-32	3,505	56	12	12	4	3	6	3
	★	2240663-UNJC8	UNJC #8-32	4,166	63	13	13	4,5	3,4	6	3
	★	2240663-UNJC10	UNJC #10-24	4,826	70	16	16	6	4,9	8	3
	★	2240663-UNJC1/4	UNJC 1/4-20	6,35	80	15	25	7	5,5	8	3
	★	2240663-UNJC5/16	UNJC 5/16-18	7,938	90	18	29	8	6,2	9	3
	★	2240663-UNJC3/8	UNJC 3/8-16	9,525	100	20	33	10	8	11	3

C1

WALTER
SELECT

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

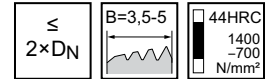
HSS-E PM machine taps

mm

Prototex® TiNi Plus

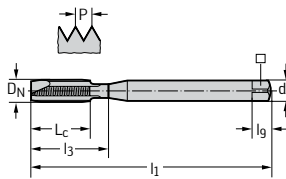


- Recommended with emulsion
- External diameter, rounded



	P	M	K	N	S	H	O
ACN					●●		

~DIN 2184-1



Parallel shank

Designation ACN	D _N -P	D _N mm	l ₁ mm	L _c mm	l ₃ mm	d ₁ h9 mm	mm	l ₉ mm	N
★ 2320763-UNJF6	UNJF #6-40	3,505	56	12	12	4	3	6	3
★ 2320763-UNJF8	UNJF #8-36	4,166	63	13	13	4,5	3,4	6	3
2320763-UNJF10	UNJF #10-32	4,826	70	16	16	6	4,9	8	3
★ 2320763-UNJF12	UNJF #12-28	5,486	80	15	23	6	4,9	8	3
2320763-UNJF1/4	UNJF 1/4-28	6,35	80	15	25	7	5,5	8	3
2320763-UNJF5/16	UNJF 5/16-24	7,938	90	18	29,5	8	6,2	9	3
★ 2320763-UNJF7/16	UNJF 7/16-20	11,113	100	20	76	8	6,2	9	4
★ 2320763-UNJF1/2	UNJF 1/2-20	12,7	100	23	73	9	7	10	4
2320763-UNJF3/8	UNJF 3/8-24	9,525	100	20	33,5	10	8	11	3
★ 2320763-UNJF9/16	UNJF 9/16-18	14,288	100	25	71	11	9	12	4
★ 2320763-UNJF5/8	UNJF 5/8-18	15,875	100	25	58	12	9	12	4
★ 2320763-UNJF7/8	UNJF 7/8-14	22,225	125	30	78	18	14,5	17	4

UNJF 10: Without reduced neck after the thread

C1

WALTER
SELECT

●● Primary application ● Other application

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

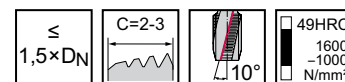
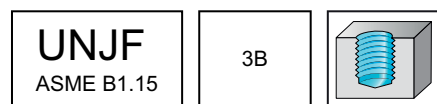
HSS-E PM machine taps

mm

Paradur® Ni 10

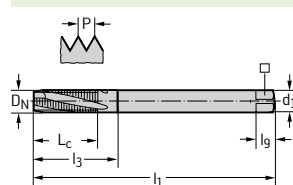


- External diameter, rounded
- For long- and short-chipping materials



	P	M	K	N	S	H	O
uncoated	●●			●	●●		

~DIN 2184-1



Parallel shank

Designation uncoated	D _N -P	D _N mm	l ₁ mm	L _c mm	l ₃ mm	d ₁ h9 mm	mm	l ₉ mm	N
234101-UNJF6	UNJF #6-40	3,505	56	9,5	9,5	4	3	6	3
234101-UNJF8	UNJF #8-36	4,166	63	11	11	4,5	3,4	6	3
234101-UNJF10	UNJF #10-32	4,826	70	12,5	12,5	6	4,9	8	3
★ 234101-UNJF12	UNJF #12-28	5,486	80	14,5	14,5	6	4,9	8	3
234101-UNJF1/4	UNJF 1/4-28	6,35	80	16	16	7	5,5	8	3
234101-UNJF5/16	UNJF 5/16-24	7,938	90	20	20	8	6,2	9	3
234101-UNJF3/8	UNJF 3/8-24	9,525	100	23	23	10	8	11	3
★ 234101-UNJF7/16	UNJF 7/16-20	11,113	100	27	27	12	9	12	4
★ 234101-UNJF1/2	UNJF 1/2-20	12,7	100	30	30	14	11	14	4
★ 234101-UNJF9/16	UNJF 9/16-18	14,288	100	33,5	56	14	11	14	4
★ 234101-UNJF5/8	UNJF 5/8-18	15,875	100	37	55	16	12	15	4
★ 234101-UNJF7/8	UNJF 7/8-14	22,225	125	51	78	18	14,5	17	5

≤ UNJF 10: Without reduced neck after the thread

WALTER
SELECT

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

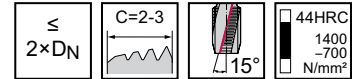
HSS-E PM machine taps

mm

Paradur® Ti Plus

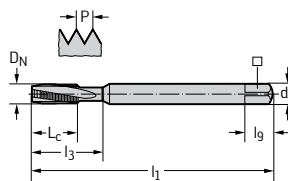


- Recommended with emulsion
- External diameter, rounded



	P	M	K	N	S	H	O
ACN					●●		

~DIN 2184-1



Parallel shank

Designation ACN	D _N -P	D _N mm	l ₁ mm	L _c mm	l ₃ mm	d ₁ h9 mm	mm	l ₉ mm	N
★ 2340663-UNJF6	UNJF #6-40	3,505	56	12	12	4	3	6	3
★ 2340663-UNJF8	UNJF #8-36	4,166	63	13	13	4,5	3,4	6	3
2340663-UNJF10	UNJF #10-32	4,826	70	16	16	6	4,9	8	3
★ 2340663-UNJF12	UNJF #12-28	5,486	80	15	23	6	4,9	8	3
2340663-UNJF1/4	UNJF 1/4-28	6,35	80	15	25	7	5,5	8	3
2340663-UNJF5/16	UNJF 5/16-24	7,938	90	18	29,5	8	6,2	9	3
2340663-UNJF3/8	UNJF 3/8-24	9,525	100	20	33,5	10	8	11	3
★ 2340663-UNJF7/16	UNJF 7/16-20	11,113	100	20	76	8	6,2	9	4
★ 2340663-UNJF1/2	UNJF 1/2-20	12,7	100	23	73	9	7	10	4
★ 2340663-UNJF9/16	UNJF 9/16-18	14,288	100	25	71	11	9	12	4
★ 2340663-UNJF5/8	UNJF 5/8-18	15,875	100	25	58	12	9	12	4
★ 2340663-UNJF7/8	UNJF 7/8-14	22,225	125	30	78	18	14,5	17	5

UNJF 10: Without reduced neck after the thread

C1

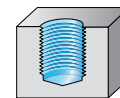
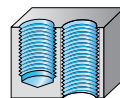
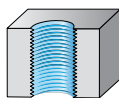
WALTER
SELECT

●● Primary application ● Other application

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

Solid carbide taps

Machining



Thread depth

 $2 \times D_N$
 $2 \times D_N$
 $2 \times D_N$
 $3 \times D_N$
 $1,5 \times D_N$


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

Precision cooling

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

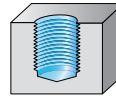
paradur-n

WALTER SELECT

●● Primary application ● Other application

Solid carbide taps

Machining



Thread depth

2 x D_N3 x D_N3 x D_N3,5 x D_N3,5 x D_N

Designation	Paradrur® HSC	Paradrur® Engine	Paradrur® HS	Paradrur® GG	Paradrur® 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 iron	●●	●●	●	●●	●●
N NF metals		●●	●●	●	●●
S Materials with difficult cutting properties			●		
H Hard materials	●●		●		
O Other			●●	●	●

Page in catalogue

QR code



paradrur-hsc



paradrur-engine



paradrur-hs



paradrur-gg



paradrur-n

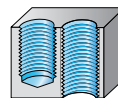
www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

HSS-E and solid carbide thread formers

Machining



Thread depth

 $2 \times D_N$
 $3 \times D_N$
 $3 \times D_N$
 $3 \times D_N$
 $3 \times D_N$


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

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protodyn-eco-lm

protodyn-c

TC410

TC420

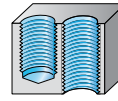
TC430

WALTER SELECT

●● Primary application ● Other application

HSS-E and solid carbide thread formers

Machining



Thread depth

3 x D_N3,5 x D_N3,5 x D_N3,5 x D_N3,5 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

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TC470



protodyn-s-synchrospeed



protodyn-sc



protodyn-sf



TC410

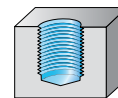
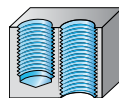
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WALTER SELECT

●● Primary application ● Other application

HSS-E and solid carbide thread formers

Machining



Thread depth

 $3,5 \times D_N$
 $3,5 \times D_N$
 $3,5 \times D_N$
 $3,5 \times D_N$
 $3,5 \times D_N$


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

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TC420

TC430

TC440

TC470

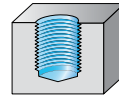
TC410

WALTER SELECT

●● Primary application ● Other application

HSS-E and solid carbide thread formers

Machining



Thread depth

3,5 x D_N3,5 x D_N3,5 x D_N3,5 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



TC420



TC430



TC440



TC470

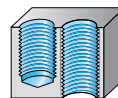
www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

Drill thread milling cutters

Machining



Thread depth

 $2 \times D_N$
 $2 \times D_N$
 $2 \times D_N$
 $2,5 \times D_N$
 $2,5 \times D_N$

Selection

Selection



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

●

●

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QR code


www.walter-tools.com/woc/

TC685

tmd

TC645

TC685

TC645

WALTER SELECT

●● Primary application

● Other application

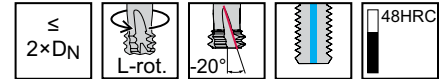
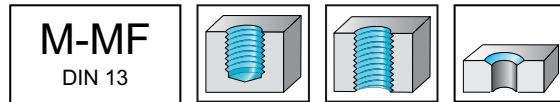
Orbital drill thread milling cutter

TC645 Supreme

Thrill-tec™



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



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

Tool

	Designation	D _N	D _c mm	L _{c2} mm	l ₃ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WB10TJ
 DIN 6535 HA	TC645-M4-A1D-	M 4	3,05	1,12	8	50	14	6	4	☺
	TC645-M5-A1D-	M 5	3,9	1,29	10	50	14	6	4	☺
	TC645-M6-A1D-	M 6	4,5	1,6	12	50	14	6	4	☺
	TC645-M8-A1D-	M 8	6,2	2,01	16	63	27	8	4	☺
	TC645-M10-A1D-	M 10	7,8	2,22	20	63	27	8	4	☺
	TC645-M12-A1D-	M 12	8,7	2,83	24	72	32	10	4	☺

Maximum nominal thread diameter for fine thread: $D_c \times 1.94$ | Example: TC645-M8.. /6.2 mm $\times 1.94 = 12.03$ mm/MF 12 $\times$ 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

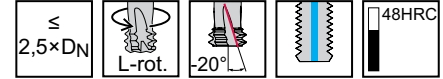
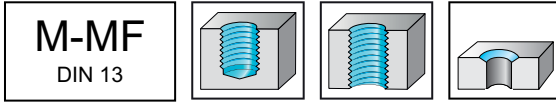
Orbital drill thread milling cutter

TC645 Supreme

Thrill-tec™

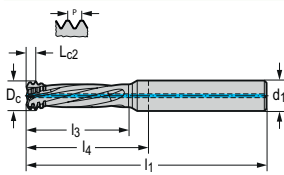


- Orbital drill thread milling cutters for universal application
- Chamfer, core hole and thread in one operation



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

Tool



DIN 6535 HA

Designation	DN	Dc mm	Lc2 mm	l3 mm	l1 mm	l4 mm	d1 h6 mm	Z	WB10TJ
TC645-M4-A1E-	M 4	3,05	1,12	10	50	14	6	4	☹
TC645-M5-A1E-	M 5	3,9	1,29	12,5	57	21	6	4	☹
TC645-M6-A1E-	M 6	4,5	1,6	15	57	21	6	4	☹
TC645-M8-A1E-	M 8	6,2	2,01	20	63	27	8	4	☹
TC645-M10-A1E-	M 10	7,8	2,42	25	63	27	8	4	☹
TC645-M12-A1E-	M 12	8,7	2,83	30	72	33	10	4	☹

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

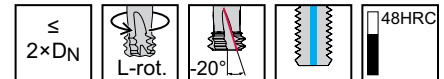
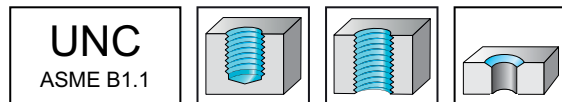
Orbital drill thread milling cutter

TC645 Supreme

Thrill-tec™



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



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

Tool

	Designation	D _N	D _c mm	L _{c2} mm	l ₃ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WB10TJ
 DIN 6535 HA	TC645-UNC8-A1D-	UNC #8-32	3,1	1,26	8,331	50	14	6	4	☺
	TC645-UNC10-A1D-	UNC #10-24	3,5	1,67	9,652	50	14	6	4	☺
	TC645-UNC1/4-A1D-	UNC 1/4-20	4,6	2,02	12,7	57	21	6	4	☺
	TC645-UNC5/16-A1D-	UNC 5/16-18	5,9	2,25	15,875	57	21	6	4	☺
	TC645-UNC3/8-A1D-	UNC 3/8-16	7,2	2,54	19,05	63	27	8	4	☺
	TC645-UNC7/16-A1D-	UNC 7/16-14	8,5	2,91	22,225	72	32	10	4	☺
	TC645-UNC1/2-A1D-	UNC 1/2-13	9,2	3,15	25,4	72	32	10	4	☺

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

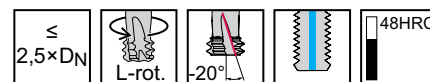
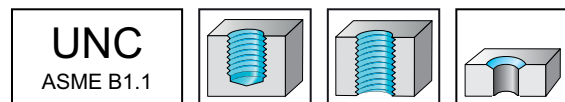
Orbital drill thread milling cutter

TC645 Supreme

Thrill-tec™



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



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

Tool

	Designation	D _N	D _c mm	L _{c2} mm	l ₃ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WB10TJ
 DIN 6535 HA	TC645-UNC8-A1E-	UNC #8-32	3,1	1,26	10,414	50	14	6	4	☺
	TC645-UNC10-A1E-	UNC #10-24	3,5	1,67	12,065	57	21	6	4	☺
	TC645-UNC1/4-A1E-	UNC 1/4-20	4,6	2,02	15,875	57	21	6	4	☺
	TC645-UNC5/16-A1E-	UNC 5/16-18	5,9	2,25	19,844	57	22	6	4	☺
	TC645-UNC3/8-A1E-	UNC 3/8-16	7,2	2,54	23,813	63	27	8	4	☺
	TC645-UNC7/16-A1E-	UNC 7/16-14	8,5	2,91	27,781	72	32	10	4	☺
	TC645-UNC1/2-A1E-	UNC 1/2-13	9,2	3,15	31,75	80	40	10	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

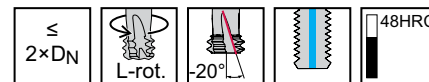
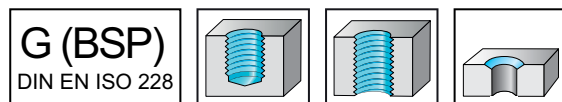
Orbital drill thread milling cutter

TC645 Supreme

Thrill-tec™



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



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

Tool

Designation	D _N	Threads 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	15,446	58	22	8	4	☺
TC645-G1/8-A1D-	G 1/8-28	28	8,05	1,46	19,456	64	24	10	4	☺
TC645-G1/4-A1D-	G 1/4-19	19	10,2	2,15	26,35	77	32	12	4	☺

DIN 6535 HA

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

C3

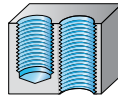
WALTER
SELECT

●● Primary application ● Other application

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

Thread milling cutters with countersink

Machining



Thread depth

 $2 \times D_N$


Designation

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



Coolant supply

External / axial

Coating / grade

TiCN / uncoated

Cutting tool material

VHM

P Steel



M Stainless steel



K Cast iron



N NF metals



S Materials with difficult cutting properties



H Hard materials

O Other



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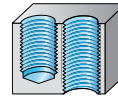
tmc

WALTER SELECT

● ● Primary application ● Other application

Thread milling cutters without countersink

Machining



Thread depth

1,5 x D_N1,5 x D_N1,5 x D_N2 x D_N2 x D_N

Selection



Designation	TC610 Supreme	TMG HRC	TMG Ni	TC611 Supreme	TC620 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	External / axial	axial
Coating / grade	WB10RD / WJ30RC	TAX	TICN	WB10RD / WJ30RC	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	●	●	●	●	●

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TC610

tmg-hrc

tmg-ni

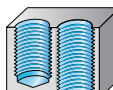
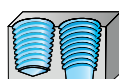
TC611

TC620

WALTER SELECT

●● Primary application ● Other application

Thread milling cutters without countersink

Machining			
Thread depth	$2 \times D_N$	$2,5 \times D_N$	



Designation	TME	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			
Coolant supply	External	axial	External
Coating / grade	TICN	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	●	●	●

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tme

TC620

tmg

WALTER SELECT

●● Primary application ● Other application

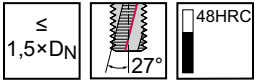
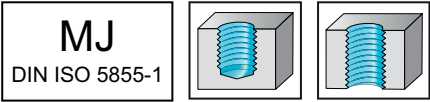
Solid carbide thread milling cutters

mm

TMG Ni



– Thread milling cutters for nickel alloys



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

Tool								
	Designation	D _N	D _c mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z
	H5036006-MJ4	MJ 4	3	6,3	54	18	6	3
	H5036006-MJ5	MJ 5	3,9	8	54	18	6	3
	H5036006-MJ6	MJ 6	4,8	9	54	20	6	3
	DIN 6535 HA							

C3

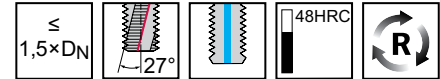
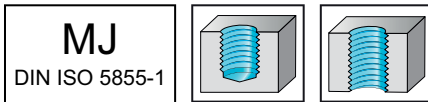
Solid carbide thread milling cutters

mm

TMG Ni



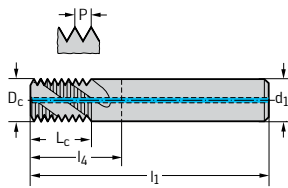
– Thread milling cutters for nickel alloys



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

Tool

Designation	D _N	D _c mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z
H5036016-MJ8	MJ 8	6,3	12,5	58	22	8	4
DIN 6535 HA							



C3

WALTER
SELECT

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

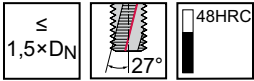
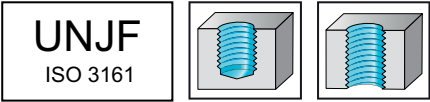
Solid carbide thread milling cutters

mm

TMG Ni



– Thread milling cutters for nickel alloys



	P	M	K	N	S	H	O
TICN	●●	●●	●●	●	●●		●

Tool		Designation	Threads per inch	D _N	D _c mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z
		H5336006-UNJF10	32	UNJF #10-32	3,6	7,9	54	18	6	3
		H5336006-UNJF1/4	28	UNJF 1/4-28	4,8	10	54	18	6	3
		DIN 6535 HA								

C3

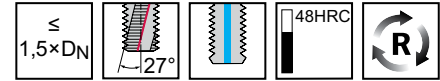
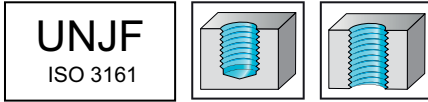
Solid carbide thread milling cutters

mm

TMG Ni

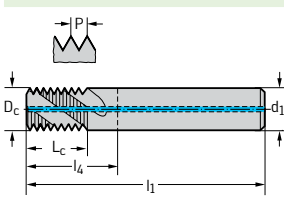


– Thread milling cutters for nickel alloys



	P	M	K	N	S	H	O
TICN	●●	●●	●●	●	●●	●	●

Tool



DIN 6535 HA

Designation	Threads per inch	D _N	D _c mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z
H5336016-UNJF5/16	24	UNJF 5/16-24	6,2	12,7	58	22	8	3
H5336016-UNJF3/8	24	UNJF 3/8-24	8	14,8	58	22	8	3
H5336016-UNJF7/16	20	UNJF 7/16-20	9,2	17,8	72	26	10	4
H5336016-UNJF1/2	20	UNJF 1/2-20	10,5	19,1	73	28	12	4

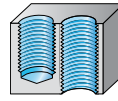
C3

**WALTER
SELECT**

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

Orbital thread milling cutters

Machining



Thread depth

2 x D_N2 x D_N2,5 x D_N3 x D_N4 x D_N

NEW



Designation

TC630 Supreme

TMO HRC

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

External / axial

axial

Coating / grade

WB10RA / WB10TJ

TAX

WB10TJ

WB10RA / WB10TJ

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

●●

●●

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O Other

●

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●

●

●

Page in catalogue

310

QR code


www.walter-tools.com/woc/

TC630

tmo-hrc

TC630

TC630

TC630

WALTER SELECT

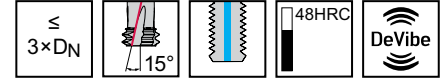
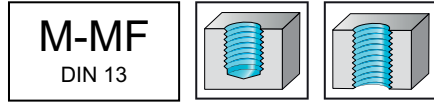
●● Primary application ● Other application

Solid carbide orbital thread mills

TC630 Supreme



- Universal orbital thread milling cutters
- Best running smoothness due to Walter DeVibe technology



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

Tool											
	Designation	D _N	P mm	D _c mm	L _c mm	l ₃ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WB10TJ
	★ TC630-M4-A5F-	M 4	0,7	3,1	2,1	13,05	57	21	6	4	✖
	★ TC630-M5-A5F-	M 5	0,8	4	2,4	16,2	57	21	6	4	✖
	★ TC630-M6-A5F-	M 6	1	4,8	3	19,5	57	21	6	4	✖
DIN 6535 HA											
Ordering example for the grade WB10TJ: TC630-M4-A5F-WB10TJ											

C3

WALTER
SELECT

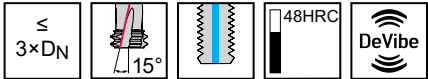
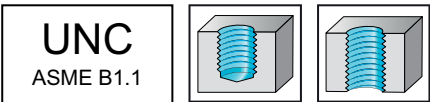
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

Solid carbide orbital thread mills

TC630 Supreme



- Universal orbital thread milling cutters
- Best running smoothness due to Walter DeVibe technology



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

Tool											WB10TJ
	Designation	D _N -P	Threads per inch	D _c mm	L _c mm	l ₃ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	
	★ TC630-UNC8-A5F-	UNC #8-32	32	3,25	2,38	13,687	57	21	6	4	✖
	★ TC630-UNC10-A5F-	UNC #10-24	24	3,55	3,18	16,065	57	21	6	4	✖
	★ TC630-UNC1/4-A5F-	UNC 1/4-20	20	4,85	3,81	20,955	57	21	6	4	✖
DIN 6535 HA											

Ordering example for the grade WB10TJ: TC630-UNC1/4-A5F-WB10TJ

WALTER
SELECT

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

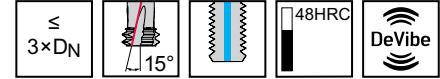
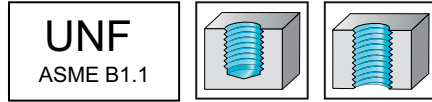
●● Primary application ● Other application

Solid carbide orbital thread mills

TC630 Supreme



- Universal orbital thread milling cutters
- Best running smoothness due to Walter DeVibe technology



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

Tool

	Designation	D _N -P	Threads per inch	D _c mm	L _c mm	l ₃ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WB10TJ
	★ TC630-UNF8-A5F-	UNF #8-36	36	3,25	2,12	12,85	57	21	6	4	☹
	★ TC630-UNF10-A5F-	UNF #10-32	32	3,85	2,38	15,669	57	21	6	4	☹
	★ TC630-UNF1/4-A5F-	UNF 1/4-28	28	5,25	2,72	20,411	57	21	6	4	☹
	★ TC630-UNF5/16-A5F-	UNF 5/16-24	24	6,55	3,18	25,4	63	27	8	4	☹

DIN 6535 HA

Ordering example for the grade WB10TJ: TC630-UNF1/4-A5F-WB10TJ

C3

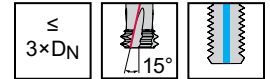
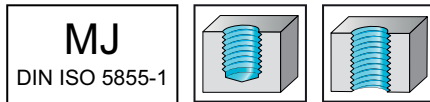
WALTER
SELECT

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

Solid carbide orbital thread mills

TC630 Supreme 

– Specialist for aerospace industry



	P	M	K	N	S	H	O
WB10RA	●	●●	●	●	●●		●

Tool

Designation	D_N	P mm	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RA
★ TC630-MJ4-A1F-	MJ 4	0,7	3,1	2,1	12,35	57	21	6	4	☒
★ TC630-MJ5-A1F-	MJ 5	0,8	4	2,4	15,4	57	21	6	4	☒
★ TC630-MJ6-A1F-	MJ 6	1	4,8	3	18,5	57	21	6	4	☒
★ TC630-MJ8-A1F-	MJ 8	1,25	6,4	3,75	24,625	63	27	8	4	☒
★ TC630-MJ10-A1F-	MJ 10	1,5	8,2	4,5	30,75	72	32	10	5	☒

DIN 6535 HA

Ordering example for the grade WB10RA: TC630-MJ10-A1F-WB10RA

WALTER
SELECT

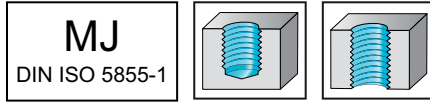
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☒ machining conditions

Solid carbide orbital thread mills

TC630 Supreme

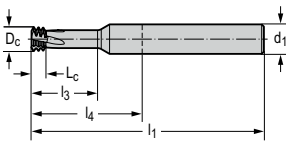


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	P	M	K	N	S	H	O
WB10RA	●	●●	●	●	●●		●

Tool

Designation	D _N	P mm	D _c mm	L _c mm	l ₃ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WB10RA
★ TC630-MJ3-A0F- 	MJ 3	0,5	2,3	1,5	9,25	57	21	6	4	✖

DIN 6535 HA

Ordering example for the grade WB10RA: TC630-MJ3-A0F-WB10RA

C3

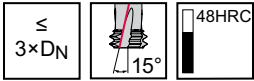
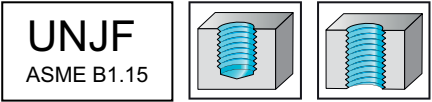
**WALTER
SELECT**

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

Solid carbide orbital thread mills
TC630 Supreme



– Specialist for aerospace industry



	P	M	K	N	S	H	O
WB10RA	●	●●	●	●	●●		●

Tool		Designation	D _N -P	Threads per inch	D _c mm	L _c mm	l ₃ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WB10RA
	★	TC630-UNJF4-A0F-	UNJF #4-48	48	2,2	1,59	8,799	57	21	6	4	☹
	★	TC630-UNJF6-A0F-	UNJF #6-40	40	2,75	1,91	10,833	57	21	6	4	☹
DIN 6535 HA												

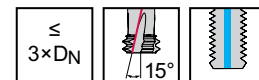
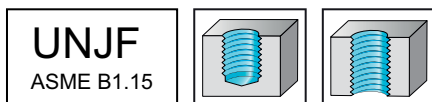
Ordering example for the grade WB10RA: TC630-UNJF4-A0F-WB10RA

Solid carbide orbital thread mills

TC630 Supreme

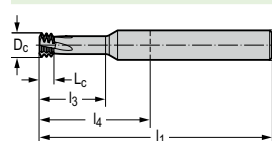


– Specialist for aerospace industry



	P	M	K	N	S	H	O
WB10RA	●	●●	●	●	●●		●

Tool



DIN 6535 HA

Designation	D _N -P	Threads per inch	D _c mm	L _c mm	l ₃ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WB10RA
★ TC630-UNJF8-A1F-	UNJF #8-36	36	3,25	2,12	12,85	57	21	6	4	✖
★ TC630-UNJF10-A1F-	UNJF #10-32	32	3,85	2,38	14,875	57	21	6	4	✖
★ TC630-UNJF1/4-A1F-	UNJF 1/4-28	28	5,25	2,72	19,504	57	21	6	4	✖
★ TC630UNJF5/16-A1F-	UNJF 5/16-24	24	6,55	3,18	24,342	63	27	8	4	✖
★ TC630-UNJF3/8-A1F-	UNJF 3/8-24	24	8,2	3,18	29,104	72	32	10	5	✖
★ TC630UNJF7/16-A1F-	UNJF 7/16-20	20	9,4	3,81	33,973	77	37	10	5	✖
★ TC630-UNJF1/2-A1F-	UNJF 1/2-20	20	11	3,81	38,735	87	42	12	5	✖
★ TC630UNJF9/16-A1F-	UNJF 9/16-18	18	12	4,23	43,568	91	46	12	5	✖

Ordering example for the grade WB10RA: TC630-UNJF1/2-A1F-WB10RA

C3

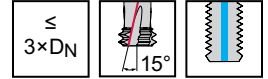
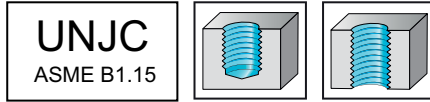
WALTER
SELECT

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

Solid carbide orbital thread mills

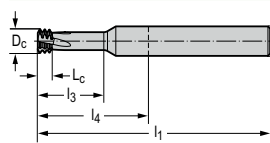
TC630 Supreme 

– Specialist for aerospace industry



	P	M	K	N	S	H	O
WB10RA	●	●●	●	●	●●		●

Tool



DIN 6535 HA

Designation	D _N -P	Threads per inch	D _c mm	L _c mm	l ₃ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WB10RA
★ TC630-UNJC8-A1F-	UNJC #8-32	32	3,25	2,38	12,894	57	21	6	4	☞
★ TC630-UNJC10-A1F-	UNJC #10-24	24	3,55	3,18	15,007	57	21	6	4	☞
★ TC630-UNJC1/4-A1F-	UNJC 1/4-20	20	4,85	3,81	19,685	57	21	6	4	☞
★ TC630UNJC5/16-A1F-	UNJC 5/16-18	18	6,2	4,23	24,518	63	27	8	4	☞
★ TC630-UNJC3/8-A1F-	UNJC 3/8-16	16	7,55	4,76	29,369	68	32	8	5	☞
★ TC630UNJC7/16-A1F-	UNJC 7/16-14	14	8,9	5,44	34,245	79	39	10	5	☞
★ TC630-UNJC1/2-A1F-	UNC 1/2-13	13	10,25	5,86	39,077	90	45	12	5	☞
★ TC630UNJC9/16-A1F-	UNJC 9/16-12	12	11,6	6,35	43,921	92	47	12	5	☞

Ordering example for the grade WB10RA: TC630-UNJC1/2-A1F-WB10RA

WALTER
SELECT

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

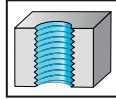
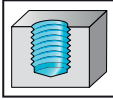
Solid carbide orbital thread mills

TC630 Supreme



– Specialist for aerospace industry

UNJC
ASME B1.15



	P	M	K	N	S	H	O
WB10RA	●	●●	●	●	●●		●

Tool

	Designation	D _N -P	Threads per inch	D _c mm	L _c mm	l ₃ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WB10RA
	★ TC630-UNJC4-A0F-	UNJC #4-40	40	2,1	1,91	8,852	57	21	6	4	✖
	★ TC630-UNJC6-A0F-	UNJC #6-32	32	2,6	2,38	10,912	57	21	6	4	✖

DIN 6535 HA

Ordering example for the grade WB10RA: TC630-UNJC4-A0F-WB10RA

C3

**WALTER
SELECT**

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

Thread milling cutters with indexable insert

Machining

Thread depth

1,5 x D_N2 x D_N2,5 x D_N3 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	Stahl	Stahl	Stahl	Stahl
P Steel	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●
N NF metals	●	●	●	●
S Materials with difficult cutting properties	●●	●●	●●	●●
H Hard materials	●	●	●	●
O Other	●	●	●	●

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T2710



T2711



T2712



T2713

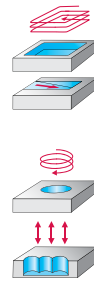
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High-feed milling cutters



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	WJ30TF	WJ30RD	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	●	●	●●	●●

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MC025



MD025



MD025



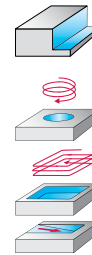
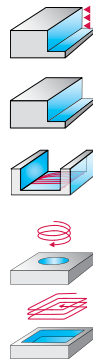
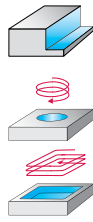
MC089

www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters



Designation	MC129 Advance	MC128 Advance	MC122 Advance	MC112 Advance	MC111 Advance
Diameter range	6–20	2–25	18–25	4–16	7
Number of teeth	6	4–8	5–8	4	4
Corner radius		0,5–4		0,5–2	
Diameter range	—	0,250–0,750	—	—	0,094–0,750
Number of teeth		6–8			4
Corner radius		0,015–0,250			
Standard	DIN 6527 L	DIN 6527 L STANDARD	DIN 6527 L PWZ-NORM XL	PWZ-NORM XL PWZ-NORM L	DIN 6527 K STANDARD
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
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●	●	●	●
N NF metals					●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					

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MC129



MC128



MC122



MC112



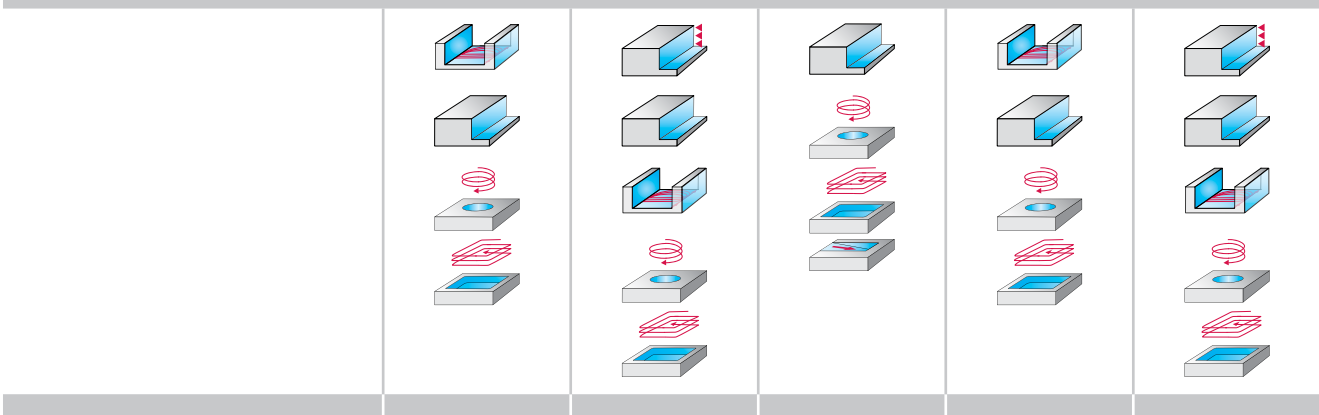
MC111

www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters



Designation	MD133 Supreme	MD128 Supreme	Protostar®	MD133 Supreme	MD128 Supreme
Diameter range	6–20	6–25	0,4–3	6–20	6–25
Number of teeth	5–6	6–8	2	5–6	6–8
Corner radius	0,3–1	0,5–4	0,05–0,3	0,3–1	0,5–4
Diameter range	0,250–0,750	—	—	0,250–0,750	—
Number of teeth	5–6	—	—	5–6	—
Corner radius	0,015–0,030	—	—	0,015–0,030	—
Standard	PWZ-NORM L PWZ-NORM XL	PWZ-NORM	PWZ-NORM MINI	PWZ-NORM L PWZ-NORM XL	PWZ-NORM
Coating / grade	WJ30TF	WJ30RD	WJ30RD	TAX	WJ30RA
Shank	DIN 6535 HB Cylindrical shank	DIN 6535 HB	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					

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MD133



MD128



protostar



MD133



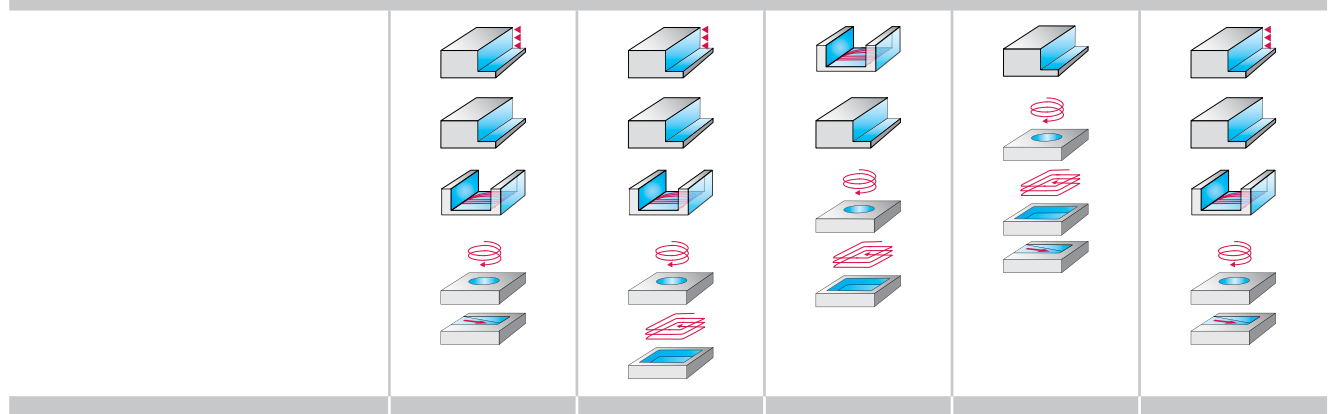
MD128

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WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters



NEW

NEW



Designation	MC166 Advance	MD177 Supreme	MD173 Supreme	Protostar® Ti	MC187 Advance
Diameter range	12–20	6–25	6–20	16–25	3–25
Number of teeth	3	7	7	4–5	4–8
Corner radius	1–5	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	PWZ-NORM L PWZ-NORM XL	DIN 6527 L PWZ-NORM L PWZ-NORM XL STANDARD PWZ-NORM S	DIN 6527 L PWZ-NORM L STANDARD PWZ-NORM XL	PWZ-NORM XL	DIN 6527 L PWZ-NORM L STANDARD
Coating / grade	WJ30RA	WJ30UU	WJ30EN	WJ30EN	ACN
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HB Cylindrical 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					
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QR code					

www.walter-tools.com/woc/

MC166

MD177

MD173

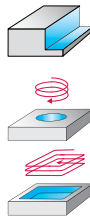
protostar-ti

MC187

WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters



Designation

MC183 Advance

Diameter range

6–16

Number of teeth

6–16

Corner radius

Diameter range

—

Number of teeth

Corner radius

Standard

DIN 6527 L

Coating / grade

WB10TG

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

● ●

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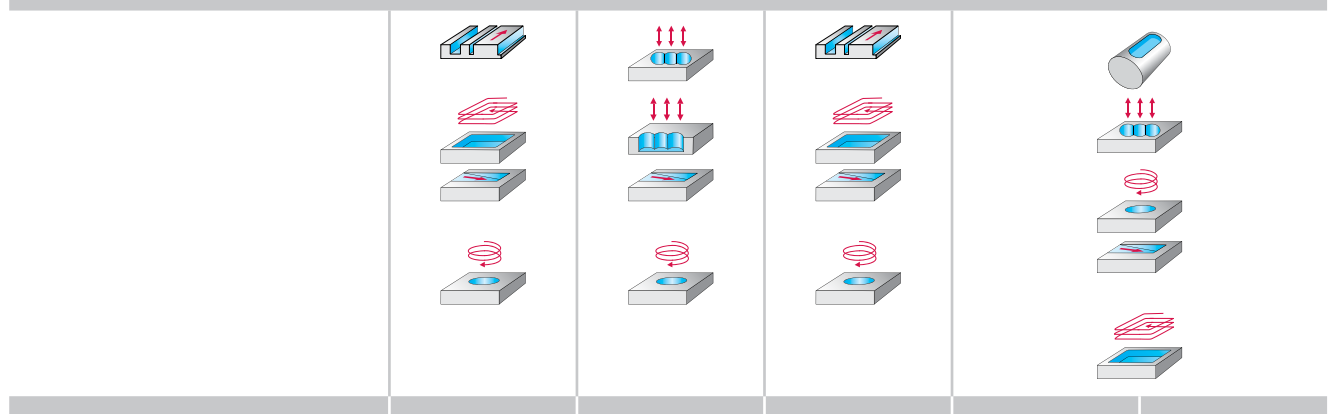

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MC183

WALTER SELECT

● ● Primary application ● Other application

Shoulder/slot milling cutters



NEW



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	WJ30ED	WK40TP	WK40TP	WK40TF
Shank	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HB	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					

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ME232



MD344



MD340



MC726



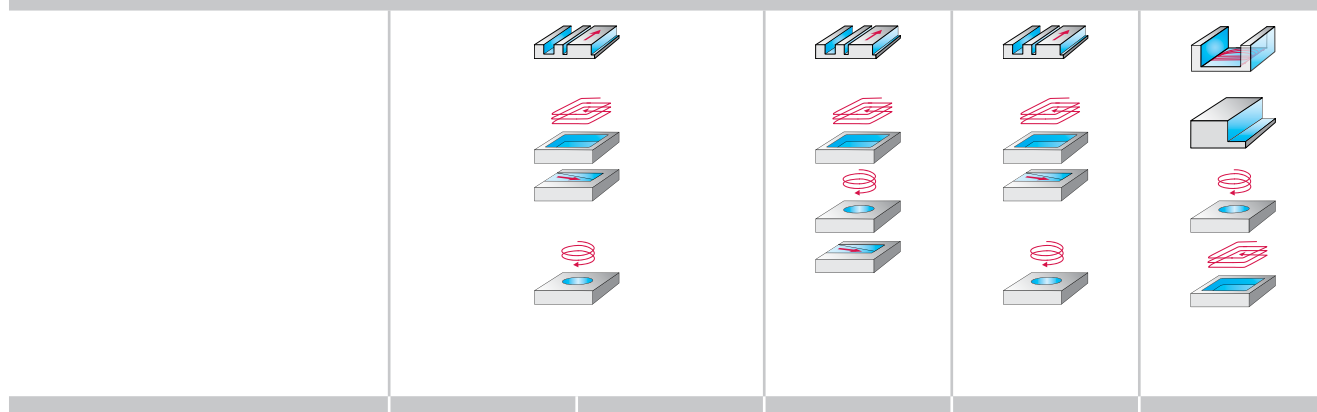
MC716

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WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters



Designation	MC326 Supreme	MC321 Advance	MC320 Advance	MC319 Advance	MC233 Advance Xill-tec®
Diameter range	2–25	—	4–25	5–25	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 L DIN 6527 K STANDARD	DIN 6527 L	P-NORM L P-NORM XL
Coating / grade	WJ30TF	WK40TF	WJ30TF	WK40TF	WK40TF
Shank	DIN 6535 HB	DIN 6535 HA DIN 6535 HB	Cylindrical shank	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					

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MC326



MC321



MC320



MC319



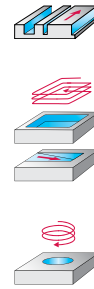
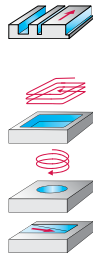
MC233

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WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters



Designation	MC230 Advance Xill-tec®	MC216 Advance	MC213 Advance	MC341 Supreme	MC251 Advance
Diameter range	1–25	2–3	0,6–14,5	6–20	3–20
Number of teeth	2–8	3	2–4	4	4
Corner radius	0,2–4		0,06–1,5		0,2–6
Diameter range	—	0,094	—	—	—
Number of teeth		2			
Corner radius					
Standard	DIN 6527 L P-NORM S P-NORM L DIN 6527 K P-NORM XL	STANDARD DIN 6527 L	PWZ-NORM XL PWZ-NORM L	PWZ-NORM	DIN 6527 L
Coating / grade	WK40TF	WK40TF	WJ30TF	WJ30TF	WK40TZ
Shank	DIN 6535 HB	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					

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MC230

MC216

MC213

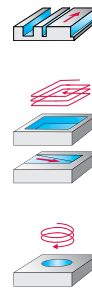
MC341

MC251

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters



Designation	Proto-max™Inox	MD266 Supreme	MD265 Supreme	MD265 Supreme	MC268 Advance
Diameter range	6–20	2–25	16–25	16–25	6–25
Number of teeth	4	2–3	3	3	3–4
Corner radius	0,5–4	0,2–4	2–4	2–4	0,5–4
Diameter range	0,250–0,750	—	—	—	—
Number of teeth	4	—	—	—	—
Corner radius	—	—	—	—	—
Standard	DIN 6527 L DIN 6527	DIN 6527 L P-NORM L P-NORM XL	DIN 6527 L P-NORM L P-NORM XL	DIN 6527 L	DIN 6527 L P-NORM L
Coating / grade	WK40RC	TAA	WJ30UU	WJ30UU	WJ30DD
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					

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protomax-inox

MD266

MD265

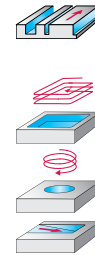
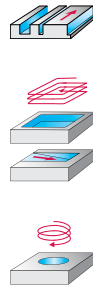
MD265

MC268

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters



Designation	MC267 Advance	MC267 Advance	Protostar®	MD377 Supreme	MC377 Advance
Diameter range	1–20	1–20	2–20	6–25	2–25
Number of teeth	2–3	3	1–2	5	3–4
Corner radius	0,2–4	0,2–0,5		0,5–6,35	0,2–4
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard	DIN 6527 L	DIN 6527 L	PWZ-NORM L DIN 6527 L	DIN 6527 L	DIN 6527 L
Coating / grade	WJ30UU	WJ30UU	WJ30CA	uncoated	WK40TZ
Shank	DIN 6535 HA	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					

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MC267

MC267

protostar

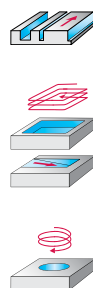
MD377

MC377

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters



Designation	MC388 Advance	MC281 Advance	Protostar® Ultra	Protostar®
Diameter range	2–12	1–4	1–16	0,6–12
Number of teeth	3–4	2	2–4	2–4
Corner radius	0,5–3	0,2–0,5	0,1–2	0,05–1
Diameter range	0,125–0,500	—	—	—
Number of teeth	3–4	—	—	—
Corner radius	0,015–0,030	—	—	—
Standard	DIN 6527 L PWZ-NORM L	PWZ-NORM MINI	PWZ-NORM L PWZ-NORM MINI	PWZ-NORM L PWZ-NORM XL PWZ-NORM MINI
Coating / grade	WK40EA	WB10TG	WB10TG	TAX
Shank	DIN 6535 HA DIN 6535 HB	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				● ●

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QR code



MC388



MC281



protostar-ultra



protostar

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WALTER SELECT

● ● Primary application ● Other application

Copy milling cutters



NEW



Designation	ME432 Perform	MC416 Advance	MC413 Advance	Protostar®	Protostar®
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	DIA	WJ30ED	WJ30TF	WJ30TF	TAX
Shank	DIN 6535 HA	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					

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QR code



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ME432

MC416

MC413

protostar

protostar

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	uncoated	WB10TG	WB10TG	TAS	TAX
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					● ●

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MC482



MC480



protomax-ultra



protostar-ultra



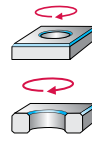
protostar

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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 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					

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MC504



MC503



MC502



MC501



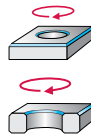
MC500

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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

WJ30TF

Shank

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

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protostar

WALTER SELECT

● ● Primary application ● Other application

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	WJ30RD	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				

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MD839



MD838



MD839



MD838

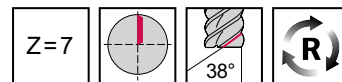
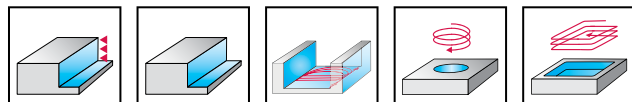
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WALTER SELECT

●● Primary application ● Other application

D1

Solid carbide shoulder milling cutters

MD177 Supreme


	P	M	K	N	S	H	O
WJ30EN	●	●	●	●	●●	●	●

Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30EN
Cylindrical shank	MD177-06.0A7B030-	6	0,3	13	57	21	6	7	☺
	MD177-08.0A7B040-	8	0,4	19	63	27	8	7	☺
	MD177-10.0A7B050-	10	0,5	22	72	32	10	7	☺
	MD177-12.0A7B060-	12	0,6	26	83	38	12	7	☺
	MD177-16.0A7B080-	16	0,8	32	92	44	16	7	☺
	MD177-20.0A7B100-	20	1	38	104	54	20	7	☺
	MD177-25.0A7B125-	25	1,25	45	121	65	25	7	☺

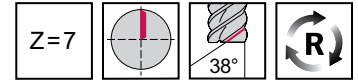
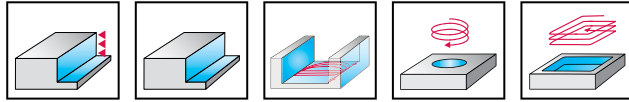
Shoulder milling $a_e \leq 0,10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0,05 \times D_c$ for ISO M and ISO S | Ordering example for the grade WJ30EN: MD177-06.0A7B030-WJ30EN

D1

WALTER
SELECT

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

Solid carbide shoulder milling cutters

MD177 Supreme 

	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30EN
 DIN 6535 HA	★ MD177-06.0A7L030D-	6	0,3	18	63	27	6	7	☹
	★ MD177-08.0A7L040D-	8	0,4	24	80	44	8	7	☹
	★ MD177-10.0A7L050D-	10	0,5	30	100	60	10	7	☹
	★ MD177-12.0A7L060D-	12	0,6	36	100	55	12	7	☹
	★ MD177-16.0A7L080D-	16	0,8	48	115	67	16	7	☹
	★ MD177-20.0A7L100D-	20	1	60	126	76	20	7	☹

Ordering example for the grade WJ30EN: MD177-06.0A7L030D-WJ30EN

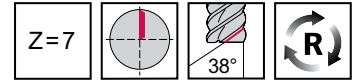
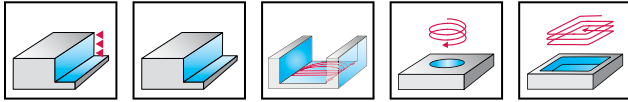
D1

WALTER
SELECT

●● Primary application ● Other application

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

Solid carbide shoulder milling cutters

MD177 Supreme


	P	M	K	N	S	H	O
WJ30EN	●	●	●	●	●●	●	●

Tool	Designation	D _c h10 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30EN
Cylindrical shank	MD177-06.0A7L030K-	6	0,3	25	65	29	6	7	☺
	MD177-08.0A7L040K-	8	0,4	34	80	44	8	7	☺
	MD177-10.0A7L050K-	10	0,5	42	90	50	10	7	☺
	MD177-12.0A7L060K-	12	0,6	50	100	55	12	7	☺
	MD177-16.0A7L080K-	16	0,8	66	125	77	16	7	☺
	MD177-20.0A7L100K-	20	1	83	145	95	20	7	☺
	MD177-25.0A7L125K-	25	1,25	100	163	107	25	7	☺

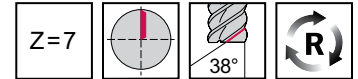
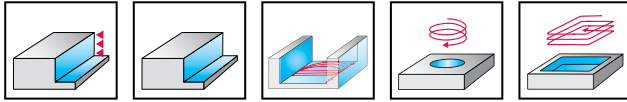
Shoulder milling $a_e \leq 0,05 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0,03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30EN: MD177-06.0A7L030K-WJ30EN

D1

WALTER
SELECT

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

Solid carbide shoulder milling cutters

MD177 Supreme 

	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

Tool		D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30EN
	★ MD177-08.0A7X040L-	8	0,4	40	100	64	8	7	☹
	★ MD177-10.0A7X050L-	10	0,5	50	120	80	10	7	☹
	★ MD177-12.0A7X060L-	12	0,6	60	120	75	12	7	☹
	★ MD177-16.0A7X080L-	16	0,8	80	150	102	16	7	☹
	★ MD177-20.0A7X100L-	20	1	100	170	120	20	7	☹

Ordering example for the grade WJ30EN: MD177-08.0A7X040L-WJ30EN

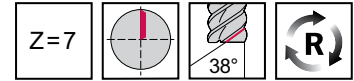
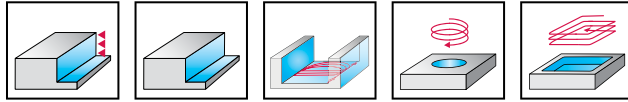
D1

WALTER
SELECT

●● Primary application ● Other application

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

Solid carbide shoulder milling cutters

MD177 Supreme inch


	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

Tool	Designation	D _c	D _c inch	L _c	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WJ30EN
 Cylindrical shank	MD177.4.76A7LK-	3/16"	0,1875	0,750	2,500	1,083	0,187	7	☹
	MD177.6.35A7D-	1/4"	0,2500	0,500	2,500	1,083	0,250	7	☹
	MD177.6.35A7DJ-	1/4"	0,2500	0,750	2,500	1,083	0,250	7	☹
	MD177.6.35A7XL-	1/4"	0,2500	1,250	3,000	1,583	0,250	7	☹
	MD177.9.53A7S-	3/8"	0,3750	0,500	2,000	0,500	0,375	7	☹
	MD177.9.53A7D-	3/8"	0,3750	1,000	2,500	1,000	0,375	7	☹
	MD177.9.53A7LJ-	3/8"	0,3750	1,250	3,000	1,437	0,375	7	☹
	MD177.12.7A7S-	1/2"	0,5000	0,625	2,500	0,717	0,500	7	☹
	MD177.12.7A7D-	1/2"	0,5000	1,000	3,000	1,217	0,500	7	☹
	MD177.12.7A7DI-	1/2"	0,5000	1,250	3,000	1,250	0,500	7	☹
	MD177.12.7A7LK-	1/2"	0,5000	2,125	4,000	2,217	0,500	7	☹
	MD177.15.9A7S-	5/8"	0,6250	0,750	3,000	1,094	0,625	7	☹
	MD177.15.9A7D-	5/8"	0,6250	1,250	3,500	1,594	0,625	7	☹
	MD177.15.9A7DI-	5/8"	0,6250	1,625	3,500	1,625	0,625	7	☹
	MD177.15.9A7LJ-	5/8"	0,6250	2,125	4,000	2,125	0,625	7	☹
	MD177.19.1A7S-	3/4"	0,7500	1,000	3,000	1,000	0,750	7	☹
	MD177.19.1A7D-	3/4"	0,7500	1,625	4,000	1,969	0,750	7	☹
	MD177.19.1A7LJ-	3/4"	0,7500	2,250	5,000	2,968	0,750	7	☹
	MD177.19.1A7XK-	3/4"	0,7500	3,250	6,000	3,968	0,750	7	☹
	MD177.25.4A7DI-	1"	1,0000	2,625	5,000	2,717	1,000	7	☹
	MD177.25.4A7LJ-	1"	1,0000	3,250	6,000	3,717	1,000	7	☹

Shoulder milling $a_e \leq 0,10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0,05 \times D_c$ for ISO M and ISO S | Ordering example for the grade WJ30EN: MD177.12.7A7D-WJ30EN

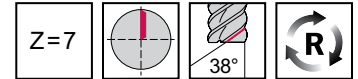
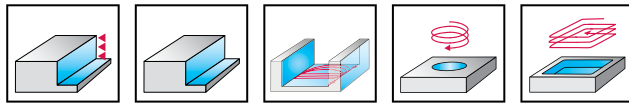
D1

WALTER
SELECT

●● Primary application ● Other application

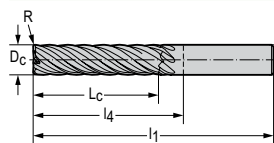
Best tool for → Good = 😊 → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MD177 Supreme inch

	P	M	K	N	S	H	O
WJ30EN	●	●	●	●	●	●	●

Tool



Cylindrical shank

Designation	D _c	D _c inch	R inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WJ30EN
MD177.4.76A7L038K-	3/16"	0,1875	0,015	0,750	2,500	1,083	0,187	7	☹
MD177.6.35A7D038-	1/4"	0,2500	0,015	0,500	2,500	1,083	0,250	7	☹
MD177.6.35A7D076-	1/4"	0,2500	0,030	0,500	2,500	1,083	0,250	7	☹
MD177.6.35A7D076J-	1/4"	0,2500	0,030	0,750	2,500	1,083	0,250	7	☹
MD177.6.35A7X038L-	1/4"	0,2500	0,015	1,250	3,000	1,583	0,250	7	☹
MD177.6.35A7X076L-	1/4"	0,2500	0,030	1,250	3,000	1,583	0,250	7	☹
MD177.9.53A7S038-	3/8"	0,3750	0,015	0,500	2,000	0,500	0,375	7	☹
MD177.9.53A7S076-	3/8"	0,3750	0,030	0,500	2,000	0,500	0,375	7	☹
MD177.9.53A7S152-	3/8"	0,3750	0,060	0,500	2,000	0,500	0,375	7	☹
MD177.9.53A7D038-	3/8"	0,3750	0,015	1,000	2,500	1,000	0,375	7	☹
MD177.9.53A7D076-	3/8"	0,3750	0,030	1,000	2,500	1,000	0,375	7	☹
MD177.9.53A7D152-	3/8"	0,3750	0,060	1,000	2,500	1,000	0,375	7	☹
MD177.9.53A7L038J-	3/8"	0,3750	0,015	1,250	3,000	1,437	0,375	7	☹
MD177.9.53A7L076J-	3/8"	0,3750	0,030	1,250	3,000	1,437	0,375	7	☹
MD177.9.53A7L152J-	3/8"	0,3750	0,060	1,250	3,000	1,437	0,375	7	☹
MD177.12.7A7S038-	1/2"	0,5000	0,015	0,625	2,500	0,717	0,500	7	☹
MD177.12.7A7S076-	1/2"	0,5000	0,030	0,625	2,500	0,717	0,500	7	☹
MD177.12.7A7S152-	1/2"	0,5000	0,060	0,625	2,500	0,717	0,500	7	☹
MD177.12.7A7D038-	1/2"	0,5000	0,015	1,000	3,000	1,217	0,500	7	☹
MD177.12.7A7D076-	1/2"	0,5000	0,030	1,000	3,000	1,217	0,500	7	☹
MD177.12.7A7D152-	1/2"	0,5000	0,060	1,000	3,000	1,217	0,500	7	☹
MD177.12.7A7D1038-	1/2"	0,5000	0,015	1,250	3,000	1,250	0,500	7	☹
MD177.12.7A7D076I-	1/2"	0,5000	0,030	1,250	3,000	1,250	0,500	7	☹
MD177.12.7A7D152I-	1/2"	0,5000	0,060	1,250	3,000	1,250	0,500	7	☹
MD177.12.7A7L038K-	1/2"	0,5000	0,015	2,125	4,000	2,217	0,500	7	☹
MD177.12.7A7L076K-	1/2"	0,5000	0,030	2,125	4,000	2,217	0,500	7	☹
MD177.12.7A7L152K-	1/2"	0,5000	0,060	2,125	4,000	2,217	0,500	7	☹
MD177.15.9A7S038-	5/8"	0,6250	0,030	0,750	3,000	1,094	0,625	7	☹
MD177.15.9A7S076-	5/8"	0,6250	0,060	0,750	3,000	1,094	0,625	7	☹
MD177.15.9A7D038-	5/8"	0,6250	0,030	1,250	3,500	1,594	0,625	7	☹
MD177.15.9A7D076-	5/8"	0,6250	0,060	1,250	3,500	1,594	0,625	7	☹
MD177.15.9A7D038I-	5/8"	0,6250	0,015	1,625	3,500	1,625	0,625	7	☹
MD177.15.9A7D076I-	5/8"	0,6250	0,030	1,625	3,500	1,625	0,625	7	☹
MD177.15.9A7D152I-	5/8"	0,6250	0,060	1,625	3,500	1,625	0,625	7	☹

Shoulder milling $a_e \leq 0,10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0,05 \times D_c$ for ISO M and ISO S | Ordering example for the grade WJ30EN: MD177.12.7A7D038-WJ30ENWALTER
SELECT

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

Tool		Designation	D _c	D _c inch	R inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WJ30EN
Cylindrical shank		MD177.15.9A7L038J-	5/8"	0,6250	0,015	2,125	4,000	2,125	0,625	7	☺
		MD177.15.9A7L076J-	5/8"	0,6250	0,030	2,125	4,000	2,125	0,625	7	☺
		MD177.15.9A7L152J-	5/8"	0,6250	0,060	2,125	4,000	2,125	0,625	7	☺
		MD177.19.1A7S076-	3/4"	0,7500	0,030	1,000	3,000	1,000	0,750	7	☺
		MD177.19.1A7S152-	3/4"	0,7500	0,060	1,000	3,000	1,000	0,750	7	☺
		MD177.19.1A7S305-	3/4"	0,7500	0,120	1,000	3,000	1,000	0,750	7	☺
		MD177.19.1A7D038-	3/4"	0,7500	0,015	1,625	4,000	1,969	0,750	7	☺
		MD177.19.1A7D076-	3/4"	0,7500	0,030	1,625	4,000	1,969	0,750	7	☺
		MD177.19.1A7D152-	3/4"	0,7500	0,060	1,625	4,000	1,969	0,750	7	☺
		MD177.19.1A7D305-	3/4"	0,7500	0,120	1,625	4,000	1,969	0,750	7	☺
		MD177.19.1A7L076J-	3/4"	0,7500	0,030	2,250	5,000	2,968	0,750	7	☺
		MD177.19.1A7L152J-	3/4"	0,7500	0,060	2,250	5,000	2,968	0,750	7	☺
		MD177.19.1A7L305J-	3/4"	0,7500	0,120	2,250	5,000	2,968	0,750	7	☺
		MD177.19.1A7X076K-	3/4"	0,7500	0,030	3,250	6,000	3,968	0,750	7	☺
		MD177.19.1A7X152K-	3/4"	0,7500	0,060	3,250	6,000	3,968	0,750	7	☺
		MD177.25.4A7D076I-	1"	1,0000	0,030	2,625	5,000	2,717	1,000	7	☺
		MD177.25.4A7D152I-	1"	1,0000	0,060	2,625	5,000	2,717	1,000	7	☺
		MD177.25.4A7D305I-	1"	1,0000	0,120	2,625	5,000	2,717	1,000	7	☺
		MD177.25.4A7L038J-	1"	1,0000	0,015	3,250	6,000	3,717	1,000	7	☺
		MD177.25.4A7L076J-	1"	1,0000	0,030	3,250	6,000	3,717	1,000	7	☺
		MD177.25.4A7L152J-	1"	1,0000	0,060	3,250	6,000	3,717	1,000	7	☺
		MD177.25.4A7L305J-	1"	1,0000	0,120	3,250	6,000	3,717	1,000	7	☺

Shoulder milling $a_e \leq 0,10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0,05 \times D_c$ for ISO M and ISO S | Ordering example for the grade WJ30EN: MD177.12.7A7D038-WJ30EN

D1

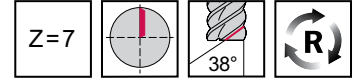
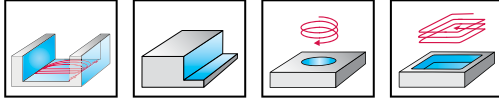
WALTER
SELECT

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

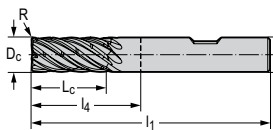
Solid carbide shoulder milling cutters

MD173 Supreme 

– Chip breaker



	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

Tool		D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30EN
 DIN 6535 HB	★ MD173-06.0W7B030-	6	0,3	13	58	22	6	7	☹
	★ MD173-08.0W7B040-	8	0,4	19	63	27	8	7	☹
	★ MD173-10.0W7B050-	10	0,5	22	73	33	10	7	☹
	★ MD173-12.0W7B060-	12	0,6	26	84	39	12	7	☹
	★ MD173-16.0W7B080-	16	0,8	32	93	45	16	7	☹
	★ MD173-20.0W7B100-	20	1	41	105	55	20	7	☹

Ordering example for the grade WJ30EN: MD173-06.0W7B030-WJ30EN

D1

WALTER
SELECT

●● Primary application ● Other application

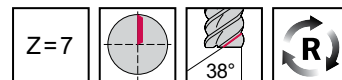
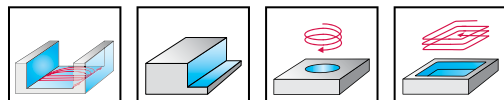
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide shoulder milling cutters

MD173 Supreme



– Chip breaker



	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

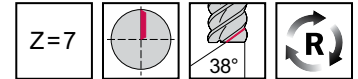
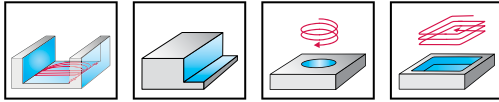
Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30EN
 DIN 6535 HB	★ MD173-06.0W7L030D-	6	0,3	18	63	27	6	7	☹
	★ MD173-08.0W7L040D-	8	0,4	24	80	44	8	7	☹
	★ MD173-10.0W7L050D-	10	0,5	30	100	60	10	7	☹
	★ MD173-12.0WL060D-	12	0,6	36	100	55	12	7	☹
	★ MD173-16.0W7L080D-	16	0,8	48	115	67	16	7	☹
	★ MD173-20.0W7L100D-	20	1	60	126	76	20	7	☹

Ordering example for the grade WJ30EN: MD173-06.0W7L030D-WJ30EN

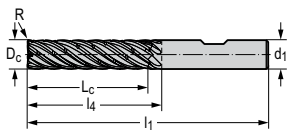
Solid carbide shoulder milling cutters

MD173 Supreme 

– Chip breaker



	P	M	K	N	S	H	O
WJ30EN	●	●					

Tool		D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30EN
 DIN 6535 HB	★ MD173-06.0W7L030K-	6	0,3	25	63	27	6	7	☹
	★ MD173-08.0W7L040K-	8	0,4	34	80	44	8	7	☹
	★ MD173-10.0W7L050K-	10	0,5	42	90	50	10	7	☹
	★ MD173-12.0W7L060K-	12	0,6	50	100	55	12	7	☹
	★ MD173-16.0W7L080K-	16	0,8	66	127	79	16	7	☹
	★ MD173-20.0W7L100K-	20	1	83	150	100	20	7	☹

Ordering example for the grade WJ30EN: MD173-06.0W7L030K-WJ30EN

D1

WALTER
SELECT

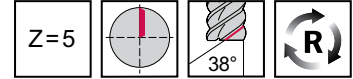
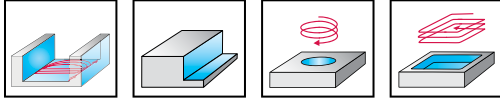
● ● Primary application ● Other application

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

Solid carbide shoulder milling cutters

MD173 Supreme


– Chip breaker



	P	M	K	N	S	H	O
WJ30EN	●	●					

Tool		D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30EN
 DIN 6535 HB	★ MD173-08.0W7X040L-	8	0,4	40	100	64	8	7	☹
	★ MD173-10.0W7X050L-	10	0,5	50	120	80	10	7	☹
	★ MD173-12.0W7X060L-	12	0,6	60	120	75	12	7	☹
	★ MD173-16.0W7X080L-	16	0,8	80	150	102	16	7	☹
	★ MD173-20.0W7X100L-	20	1	100	170	120	20	7	☹

Ordering example for the grade WJ30EN: MD173-08.0W7X040L-WJ30EN

D1

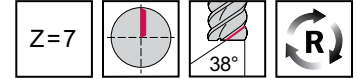
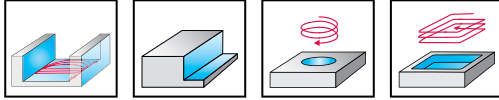
WALTER
SELECT

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

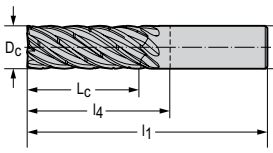
Solid carbide shoulder milling cutters

MD173 Supreme inch

– Chip breaker



	P	M	K	N	S	H	O
WJ30EN	●	●	●	●	●●	●	●

Tool		Designation	D _c	D _c inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WJ30EN
		MD173.15.9A7DI-	5/8"	0,6250	1,625	3,500	1,625	0,625	7	☺
		MD173.15.9A7LJ-	5/8"	0,6250	2,125	4,000	2,125	0,625	7	☺
		MD173.19.1A7XK-	3/4"	0,7500	3,250	6,000	3,968	0,750	7	☺
		MD173.25.4A7LJ-	1"	1,0000	3,250	6,000	3,717	1,000	7	☺
Cylindrical shank										

Shoulder milling $a_e \leq 0,10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0,05 \times D_c$ for ISO M and ISO S | Ordering example for the grade WJ30EN: MD173.15.9A7DI-WJ30EN

D1

WALTER
SELECT

●● Primary application ● Other application

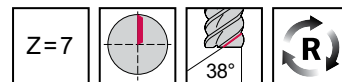
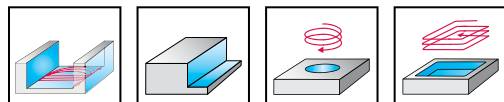
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MD173 Supreme inch

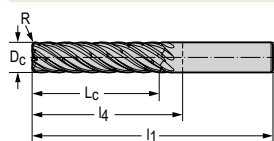


– Chip breaker



	P	M	K	N	S	H	O
WJ30EN	●	●	●	●	●	●	●

Tool



Cylindrical shank

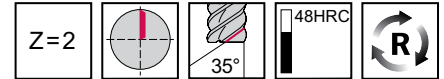
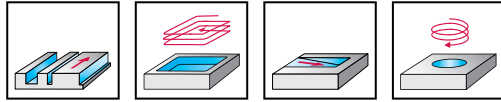
Designation	D _c	D _c inch	R	L _c	l ₁	l ₄	d ₁ h6 inch	Z	WJ30EN
MD173.6.35A7X038L-	1/4"	0,2500	0,015	1,250	3,000	1,583	0,250	7	☹
MD173.9.53A7L038J-	3/8"	0,3750	0,015	1,250	3,000	1,437	0,375	7	☹
MD173.9.53A7L076J-	3/8"	0,3750	0,030	1,250	3,000	1,437	0,375	7	☹
MD173.9.53A7L152J-	3/8"	0,3750	0,060	1,250	3,000	1,437	0,375	7	☹
MD173.12.7A7D038I-	1/2"	0,5000	0,015	1,250	3,000	1,250	0,500	7	☹
MD173.12.7A7D076I-	1/2"	0,5000	0,030	1,250	3,000	1,250	0,500	7	☹
MD173.12.7A7D152I-	1/2"	0,5000	0,060	1,250	3,000	1,250	0,500	7	☹
MD173.12.7A7L076K-	1/2"	0,5000	0,030	2,125	4,000	2,217	0,500	7	☹
MD173.12.7A7L152K-	1/2"	0,5000	0,060	2,125	4,000	2,217	0,500	7	☹
MD173.15.9A7D038I-	5/8"	0,6250	0,015	1,625	3,500	1,625	0,625	7	☹
MD173.15.9A7D076I-	5/8"	0,6250	0,030	1,625	3,500	1,625	0,625	7	☹
MD173.15.9A7L038J-	5/8"	0,6250	0,015	2,125	4,000	2,125	0,625	7	☹
MD173.15.9A7L076J-	5/8"	0,6250	0,030	2,125	4,000	2,125	0,625	7	☹
MD173.15.9A7L152J-	5/8"	0,6250	0,060	2,125	4,000	2,125	0,625	7	☹
MD173.19.1A7D076-	3/4"	0,7500	0,030	1,625	4,000	1,969	0,750	7	☹
MD173.19.1A7D152-	3/4"	0,7500	0,060	1,625	4,000	1,969	0,750	7	☹
MD173.19.1A7D305-	3/4"	0,7500	0,120	1,625	4,000	1,969	0,750	7	☹
MD173.19.1A7L076J-	3/4"	0,7500	0,030	2,250	5,000	2,968	0,750	7	☹
MD173.19.1A7L152J-	3/4"	0,7500	0,060	2,250	5,000	2,968	0,750	7	☹
MD173.19.1A7L305J-	3/4"	0,7500	0,120	2,250	5,000	2,968	0,750	7	☹
MD173.19.1A7X076K-	3/4"	0,7500	0,030	3,250	6,000	3,968	0,750	7	☹
MD173.19.1A7X152K-	3/4"	0,7500	0,060	3,250	6,000	3,968	0,750	7	☹
MD173.19.1A7X305K-	3/4"	0,7500	0,120	3,250	6,000	3,968	0,750	7	☹
MD173.25.4A7D038I-	1"	1,0000	0,015	2,625	5,000	2,717	1,000	7	☹
MD173.25.4A7D152I-	1"	1,0000	0,060	2,625	5,000	2,717	1,000	7	☹
MD173.25.4A7D305I-	1"	1,0000	0,120	2,625	5,000	2,717	1,000	7	☹

Shoulder milling $a_e \leq 0,10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0,05 \times D_c$ for ISO M and ISO S | Ordering example for the grade WJ30EN: MD173.12.7A7D038I-WJ30EN

**WALTER
SELECT**

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

Solid carbide shoulder/slot milling cutters

ME232 Perform 

	P	M	K	N	S	H	O
WJ30ED	●	●	●	●	●		

Tool	Designation	D _c h12 mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
 DIN 6535 HA	★ ME232-02.0A2L-	2	6	57	29	4	2	☹
	★ ME232-02.5A2L-	2,5	7	57	29	4	2	☹
	★ ME232-03.0A2L-	3	7	57	29	4	2	☹
	★ ME232-03.5A2L-	3,5	7	57	29	4	2	☹
	★ ME232-04.0A2L-	4	8	57	29	4	2	☹

Bestellbeispiel für die Sorte WJ30ED: ME232-02.0A2L-WJ30ED

	Bezeichnung	D _c h12 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
 DIN 6535 HB	★ ME232-05.0W2B-	5		10	57	21	6	2	☹
	★ ME232-06.0W2B-	6		10	57	21	6	2	☹
	★ ME232-08.0W2B-	8		16	63	27	8	2	☹
	★ ME232-10.0W2B-	10	0,1	19	72	32	10	2	☹
	★ ME232-12.0W2B-	12	0,1	22	83	38	12	2	☹
	★ ME232-16.0W2B-	16	0,15	26	92	44	16	2	☹
	★ ME232-20.0W2B-	20	0,15	32	104	54	20	2	☹

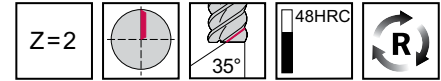
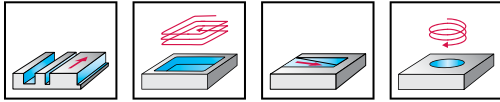
Ordering example for the grade WJ30ED: ME232-02.0A2L-WJ30ED

WALTER
SELECT

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

Solid carbide shoulder/slot milling cutters

ME232 Perform inch



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool

	Designation	D _c	D _c h12 inch	l _{h1} inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WJ30ED
	★ ME232.3.18A2D-	1/8"	0,1250		0,500	2,500	1,083	0,250	2	☹
	★ ME232.6.35A2D-	1/4"	0,2500		0,750	2,500	1,083	0,250	2	☹
Cylindrical shank										
	★ ME232.9.53W2D-	3/8"	0,3750	0,004	0,875	3,000	1,437	0,375	2	☹
	★ ME232.12.7W2D-	1/2"	0,5000	0,006	1,000	3,500	1,717	0,500	2	☹
	★ ME232.15.9W2D-	5/8"	0,6250	0,006	1,250	3,500	1,594	0,625	2	☹
	★ ME232.19.1W2D-	3/4"	0,7500	0,006	1,500	4,000	1,969	0,750	2	☹
DIN 6535 HB										

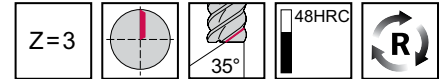
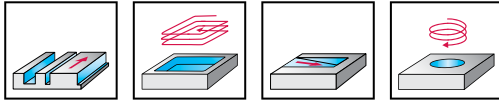
Ordering example for the grade WJ30ED: ME232.3.18A2D-WJ30ED

D1

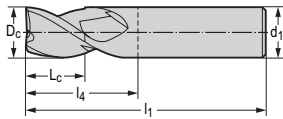
**WALTER
SELECT**

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

Solid carbide shoulder/slot milling cutters

ME232 Perform 

	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool		D _c h12 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
 DIN 6535 HA	★ ME232-03.0A3S-	3		4	39	11	6	3	☹
	★ ME232-04.0A3S-	4		5	39	12	6	3	☹
	★ ME232-05.0A3S-	5		6	39	13	6	3	☹
	★ ME232-06.0A3S-	6		7	39	10	6	3	☹
	★ ME232-08.0A3S-	8		9	44	12	8	3	☹
	★ ME232-10.0A3S-	10	0,1	11	51	14	10	3	☹
	★ ME232-12.0A3S-	12	0,1	13	56	16	12	3	☹
	★ ME232-16.0A3S-	16	0,15	16	63	19	16	3	☹

Ordering example for the grade WJ30ED: ME232-03.0A3S-WJ30ED

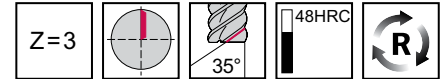
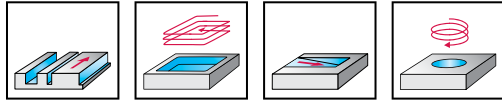
D1

WALTER
SELECT

●● Primary application ● Other application

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

Solid carbide shoulder/slot milling cutters

ME232 Perform mm


	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool	Designation	D _c h12 mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
	★ ME232-02.0A3L-	2	6	57	29	4	3	☹
	★ ME232-02.5A3L-	2,5	7	57	29	4	3	☹
	★ ME232-03.0A3L-	3	7	57	29	4	3	☹
	★ ME232-03.5A3L-	3,5	7	57	29	4	3	☹
	★ ME232-04.0A3L-	4	8	57	29	4	3	☹

DIN 6535 HA

Bestellbeispiel für die Sorte WJ30ED: ME232-02.0A3L-WJ30ED

	Bezeichnung	D _c h12 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
	★ ME232-05.0W3B-	5		10	57	21	6	3	☹
	★ ME232-06.0W3B-	6		10	57	21	6	3	☹
	★ ME232-08.0W3B-	8		16	63	27	8	3	☹
	★ ME232-10.0W3B-	10	0,1	19	72	32	10	3	☹
	★ ME232-12.0W3B-	12	0,1	22	83	38	12	3	☹
	★ ME232-16.0W3B-	16	0,15	26	92	44	16	3	☹
	★ ME232-20.0W3B-	20	0,15	32	104	54	20	3	☹

DIN 6535 HB

Ordering example for the grade WJ30ED: ME232-02.0A3L-WJ30ED

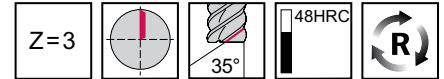
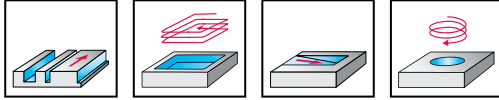
WALTER
SELECT

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

Solid carbide shoulder/slot milling cutters

ME232 Perform 

– Long reach



	P	M	K	N	S	H	O
WJ30ED	●	●	●	●	●		

Tool	Designation	D _c h12 mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
	★ ME232-02.0A3LC-	2	6	11	1,9	57	29	4	3	☹
	★ ME232-02.5A3LC-	2,5	7	12	2,4	57	29	4	3	☹
	★ ME232-03.0A3LC-	3	7	12	2,9	57	29	4	3	☹
	★ ME232-03.5A3LC-	3,5	7	15	3,3	57	29	4	3	☹
	★ ME232-04.0A3LC-	4	8	15	3,8	57	29	4	3	☹
DIN 6535 HA										

Bestellbeispiel für die Sorte WJ30ED: ME232-02.0A3LC-WJ30ED

		D _C h12 mm	l ₁₁ mm	L _C mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
Bezeichnung											
 DIN 6535 HB	★ ME232-05.0W3BC-	5		10	18	4,8	57	21	6	3	
	★ ME232-06.0W3BC-	6		10	19	5,7	57	21	6	3	
	★ ME232-08.0W3BC-	8		16	25	7,6	63	27	8	3	
	★ ME232-10.0W3BC-	10	0,1	19	30	9,5	72	32	10	3	
	★ ME232-12.0W3BC-	12	0,1	22	36	11,4	83	38	12	3	
	★ ME232-16.0W3BC-	16	0,15	26	42	15,2	92	44	16	3	
	★ ME232-20.0W3BC-	20	0,15	32	52	19	104	54	20	3	

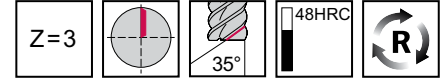
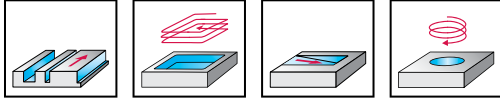
Ordering example for the grade WJ30ED: ME232-02.0A3LC-WJ30ED

WALTER
SELECT

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

Solid carbide shoulder/slot milling cutters

ME232 Perform inch



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool

	Designation	D _c	D _c h12 inch	l _{h1} inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WJ30ED
	★ ME232.3.18A3D-	1/8"	0,1250		0,500	2,500	1,083	0,250	3	☹
	★ ME232.6.35A3D-	1/4"	0,2500		0,750	2,500	1,083	0,250	3	☹
Cylindrical shank										
	★ ME232.9.53W3D-	3/8"	0,3750	0,004	0,875	3,000	1,437	0,375	3	☹
	★ ME232.12.7W3D-	1/2"	0,5000	0,006	1,000	3,500	1,717	0,500	3	☹
	★ ME232.15.9W3D-	5/8"	0,6250	0,006	1,250	3,500	1,594	0,625	3	☹
	★ ME232.19.1W3D-	3/4"	0,7500	0,006	1,500	4,000	1,969	0,750	3	☹
DIN 6535 HB										

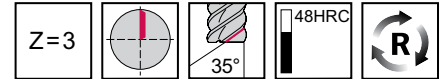
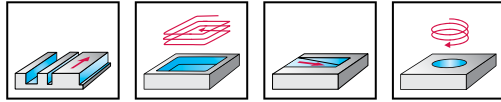
Ordering example for the grade WJ30ED: ME232.3.18A3D-WJ30ED

D1

**WALTER
SELECT**

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

Solid carbide shoulder/slot milling cutters

ME232 Perform inch

	P	M	K	N	S	H	O
WJ30ED	●	●	●	●	●		

Tool

	Designation	D _c	D _c h12 inch	R inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WJ30ED
 Cylindrical shank	★ ME232.3.18A3D038-	1/8"	0,1250	0,015	0,500	2,500	1,083	0,250	3	☹
	★ ME232.6.35A3D038-	1/4"	0,2500	0,015	0,750	2,500	1,083	0,250	3	☹
	★ ME232.6.35A3D076-	1/4"	0,2500	0,030	0,750	2,500	1,083	0,250	3	☹
 DIN 6535 HB	★ ME232.9.53W3D038-	3/8"	0,3750	0,015	0,875	3,000	1,437	0,375	3	☹
	★ ME232.9.53W3D076-	3/8"	0,3750	0,030	0,875	3,000	1,437	0,375	3	☹
	★ ME232.12.7W3D038-	1/2"	0,5000	0,015	1,000	3,500	1,717	0,500	3	☹
	★ ME232.12.7W3D076-	1/2"	0,5000	0,030	1,000	3,500	1,717	0,500	3	☹
	★ ME232.12.7W3D152-	1/2"	0,5000	0,060	1,000	3,500	1,717	0,500	3	☹
	★ ME232.15.9W3D318-	5/8"	0,6250	0,125	1,250	3,500	1,594	0,625	3	☹
	★ ME232.19.1W3D076-	3/4"	0,7500	0,030	1,500	4,000	1,969	0,750	3	☹
	★ ME232.19.1W3D152-	3/4"	0,7500	0,060	1,500	4,000	1,969	0,750	3	☹

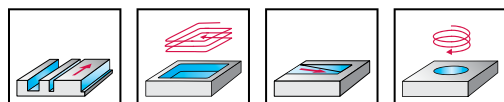
Ordering example for the grade WJ30ED: ME232.3.18A3D038-WJ30ED

WALTER
SELECT

● ● Primary application ● Other application

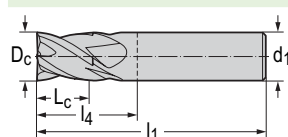
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

ME232 Perform


	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D _c h12 mm	h ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
★ ME232-03.0A4S-	3		4	39	11	6	4	☹
★ ME232-04.0A4S-	4		6	39	12	6	4	☹
★ ME232-05.0A4S-	5		7	39	13	6	4	☹
★ ME232-06.0A4S-	6		9	39	12	6	4	☹
★ ME232-08.0A4S-	8		11	44	14	8	4	☹
★ ME232-10.0A4S-	10	0,1	13	51	16	10	4	☹
★ ME232-12.0A4S-	12	0,1	13	56	16	12	4	☹
★ ME232-16.0A4S-	16	0,15	16	63	19	16	4	☹

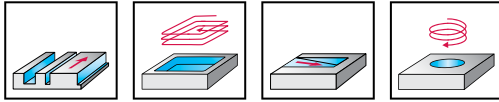
Ordering example for the grade WJ30ED: ME232-03.0A4S-WJ30ED

D1

WALTER
SELECT

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

Solid carbide shoulder/slot milling cutters

ME232 Perform mm

	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool	Designation	D _c h12 mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
 DIN 6535 HA	★ ME232-02.0A4L-	2	7	57	29	4	4	☹
	★ ME232-02.5A4L-	2,5	8	57	29	4	4	☹
	★ ME232-03.0A4L-	3	8	57	29	4	4	☹
	★ ME232-03.5A4L-	3,5	10	57	29	4	4	☹
	★ ME232-04.0A4L-	4	11	57	29	4	4	☹

Bestellbeispiel für die Sorte WJ30ED: ME232-02.0A4L-WJ30ED

	Bezeichnung	D _c h12 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
 DIN 6535 HB	★ ME232-05.0W4B-	5		13	57	21	6	4	☹
	★ ME232-06.0W4B-	6		13	57	21	6	4	☹
	★ ME232-08.0W4B-	8		19	63	27	8	4	☹
	★ ME232-10.0W4B-	10	0,1	22	72	32	10	4	☹
	★ ME232-12.0W4B-	12	0,1	26	83	38	12	4	☹
	★ ME232-16.0W4B-	16	0,15	32	92	44	16	4	☹
	★ ME232-20.0W4B-	20	0,15	38	104	54	20	4	☹

Ordering example for the grade WJ30ED: ME232-02.0A4L-WJ30ED

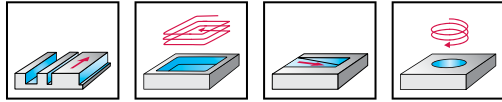
WALTER
SELECT

●● Primary application ● Other application

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

Solid carbide shoulder/slot milling cutters

ME232 Perform inch



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool	Designation	D _c	D _c h12 inch	l _{h1} inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WJ30ED
 Cylindrical shank	★ ME232.3.18A4D-	1/8"	0,1250		0,500	2,500	1,083	0,250	4	☹
	★ ME232.6.35A4D-	1/4"	0,2500		0,750	2,500	1,083	0,250	4	☹
 DIN 6535 HB	★ ME232.9.53W4D-	3/8"	0,3750	0,004	0,875	3,000	1,437	0,375	4	☹
	★ ME232.12.7W4D-	1/2"	0,5000	0,006	1,000	3,500	1,717	0,500	4	☹
	★ ME232.15.9W4D-	5/8"	0,6250	0,006	1,250	3,500	1,594	0,625	4	☹
	★ ME232.19.1W4D-	3/4"	0,7500	0,006	1,500	4,000	1,969	0,750	4	☹

Ordering example for the grade WJ30ED: ME232.3.18A4D-WJ30ED

D1

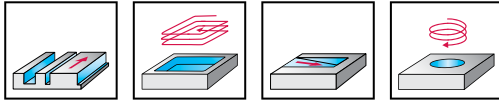
**WALTER
SELECT**

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

Solid carbide shoulder/slot milling cutters

ME232 Perform mm

– Long reach



	P	M	K	N	S	H	O
WJ30ED	●	●	●	●	●	●	●

Tool	Designation	D _c h12 mm	l _{h1} mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
 DIN 6535 HA	★ ME232-02.0A4LC-	2		7	11	1,9	57	29	4	4	☹
	★ ME232-02.5A4LC-	2,5		8	12	2,4	57	29	4	4	☹
	★ ME232-03.0A4LC-	3		8	12	2,9	57	29	4	4	☹
	★ ME232-03.5A4LC-	3,5		10	15	3,3	57	29	4	4	☹
	★ ME232-04.0A4LC-	4		11	15	3,8	57	29	4	4	☹
 DIN 6535 HB	★ ME232-06.0W4LC-	6		13	27	5,7	65	29	6	4	☹
	★ ME232-08.0W4LC-	8		19	42	7,6	80	44	8	4	☹
	★ ME232-10.0W4LC-	10	0,1	22	58	9,5	100	60	10	4	☹
	★ ME232-12.0W4LC-	12	0,1	26	53	11,4	100	55	12	4	☹
	★ ME232-16.0W4LC-	16	0,15	32	65	15,2	115	67	16	4	☹
	★ ME232-20.0W4LC-	20	0,15	38	73	19	125	75	20	4	☹

Bestellbeispiel für die Sorte WJ30ED: ME232-02.0A4LC-WJ30ED

	Bezeichnung	D _c h12 mm	l _{h1} mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
 DIN 6535 HB	★ ME232-05.0W4BC-	5		13	18	4,8	57	21	6	4	☹
	★ ME232-06.0W4BC-	6		13	19	5,7	57	21	6	4	☹
	★ ME232-08.0W4BC-	8		19	25	7,6	63	27	8	4	☹
	★ ME232-10.0W4BC-	10	0,1	22	30	9,5	72	32	10	4	☹
	★ ME232-12.0W4BC-	12	0,1	26	36	11,4	83	38	12	4	☹
	★ ME232-16.0W4BC-	16	0,15	32	42	15,2	92	44	16	4	☹
	★ ME232-20.0W4BC-	20	0,15	38	52	19	104	54	20	4	☹

Ordering example for the grade WJ30ED: ME232-02.0A4LC-WJ30ED

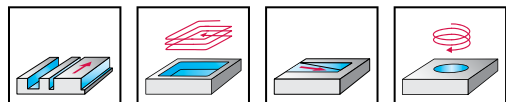
WALTER
SELECT

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

Solid carbide shoulder/slot milling cutters

ME232 Perform mm


– Long reach



	P	M	K	N	S	H	O
WJ30ED	●	●	●	●	●	●	●

Tool

Designation	D _c h12 mm	R mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
★ ME232-02.0A4L020C-	2	0,2	7	11	1,9	57	29	4	4	☹
★ ME232-03.0A4L030C-	3	0,3	8	12	2,9	57	29	4	4	☹
★ ME232-04.0A4L050C-	4	0,5	11	15	3,8	57	29	4	4	☹

DIN 6535 HA

Bestellbeispiel für die Sorte WJ30ED: ME232-02.0A4L020C-WJ30ED

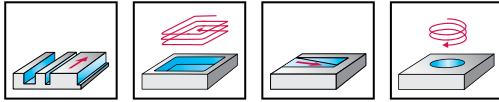
Bezeichnung	D _c h12 mm	R mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
★ ME232-05.0W4B050C-	5	0,5	13	18	4,8	57	21	6	4	☹
★ ME232-06.0W4B050C-	6	0,5	13	19	5,7	57	21	6	4	☹
★ ME232-06.0W4B080C-	6	0,8	13	19	5,7	57	21	6	4	☹
★ ME232-06.0W4B100C-	6	1	13	19	5,7	57	21	6	4	☹
★ ME232-08.0W4B050C-	8	0,5	19	25	7,6	63	27	8	4	☹
★ ME232-08.0W4B080C-	8	0,8	19	25	7,6	63	27	8	4	☹
★ ME232-08.0W4B100C-	8	1	19	25	7,6	63	27	8	4	☹
★ ME232-08.0W4B200C-	8	2	19	25	7,6	63	27	8	4	☹
★ ME232-10.0W4B050C-	10	0,5	22	30	9,5	72	32	10	4	☹
★ ME232-10.0W4B080C-	10	0,8	22	30	9,5	72	32	10	4	☹
★ ME232-10.0W4B100C-	10	1	22	30	9,5	72	32	10	4	☹
★ ME232-10.0W4B200C-	10	2	22	30	9,5	72	32	10	4	☹
★ ME232-12.0W4B050C-	12	0,5	26	36	11,4	83	38	12	4	☹
★ ME232-12.0W4B080C-	12	0,8	26	36	11,4	83	38	12	4	☹
★ ME232-12.0W4B100C-	12	1	26	36	11,4	83	38	12	4	☹
★ ME232-12.0W4B200C-	12	2	26	36	11,4	83	38	12	4	☹
★ ME232-12.0W4B300C-	12	3	26	36	11,4	83	38	12	4	☹
★ ME232-16.0W4B050C-	16	0,5	32	42	15,2	92	44	16	4	☹
★ ME232-16.0W4B100C-	16	1	32	42	15,2	92	44	16	4	☹
★ ME232-16.0W4B200C-	16	2	32	42	15,2	92	44	16	4	☹
★ ME232-16.0W4B300C-	16	3	32	42	15,2	92	44	16	4	☹
★ ME232-20.0W4B100C-	20	1	38	52	19	104	54	20	4	☹
★ ME232-20.0W4B200C-	20	2	38	52	19	104	54	20	4	☹

Ordering example for the grade WJ30ED: ME232-02.0A4L020C-WJ30ED

WALTER
SELECT

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

Solid carbide shoulder/slot milling cutters

ME232 Perform inch

	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool	Designation	D _c	D _c h12 inch	R inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WJ30ED
 Cylindrical shank	★ ME232.3.18A4D038-	1/8"	0,1250	0,015	0,500	2,500	1,083	0,250	4	☹
	★ ME232.6.35A4D038-	1/4"	0,2500	0,015	0,750	2,500	1,083	0,250	4	☹
	★ ME232.6.35A4D076-	1/4"	0,2500	0,030	0,750	2,500	1,083	0,250	4	☹
 DIN 6535 HB	★ ME232.9.53W4D038-	3/8"	0,3750	0,015	0,875	3,000	1,437	0,375	4	☹
	★ ME232.9.53W4D076-	3/8"	0,3750	0,030	0,875	3,000	1,437	0,375	4	☹
	★ ME232.12.7W4D038-	1/2"	0,5000	0,015	1,000	3,500	1,717	0,500	4	☹
	★ ME232.12.7W4D076-	1/2"	0,5000	0,030	1,000	3,500	1,717	0,500	4	☹
	★ ME232.12.7W4D152-	1/2"	0,5000	0,060	1,000	3,500	1,717	0,500	4	☹
	★ ME232.15.9W4D318-	5/8"	0,6250	0,125	1,250	3,500	1,594	0,625	4	☹
	★ ME232.19.1W4D076-	3/4"	0,7500	0,030	1,500	4,000	1,969	0,750	4	☹
	★ ME232.19.1W4D152-	3/4"	0,7500	0,060	1,500	4,000	1,969	0,750	4	☹

Ordering example for the grade WJ30ED: ME232.3.18A4D038-WJ30ED

WALTER
SELECT

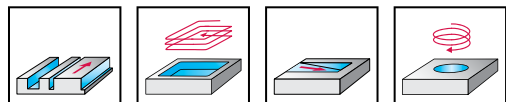
●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

ME232 Perform inch



– Long reach



	P	M	K	N	S	H	O
WJ30ED	●	●	●	●	●	●	●

Tool

Designation	D _c	D _c h12 inch	R inch	L _c inch	l ₃ inch	d ₂ inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WJ30ED
★ ME232.3.18A4D038C-	1/8"	0,1250	0,015	0,500	0,625	0,119	2,500	1,083	0,250	4	☹
★ ME232.6.35A4D038C-	1/4"	0,2500	0,015	0,750	1,000	0,238	2,500	1,083	0,250	4	☹
★ ME232.6.35A4D076C-	1/4"	0,2500	0,030	0,750	1,000	0,238	2,500	1,083	0,250	4	☹
Cylindrical shank											
★ ME232.9.53W4D038C-	3/8"	0,3750	0,015	0,875	1,125	0,356	3,000	1,437	0,375	4	☹
★ ME232.9.53W4D076C-	3/8"	0,3750	0,030	0,875	1,125	0,356	3,000	1,437	0,375	4	☹
★ ME232.12.7W4D038C-	1/2"	0,5000	0,015	1,000	1,500	0,475	3,500	1,717	0,500	4	☹
★ ME232.12.7W4D076C-	1/2"	0,5000	0,030	1,000	1,500	0,475	3,500	1,717	0,500	4	☹
★ ME232.12.7W4D152C-	1/2"	0,5000	0,060	1,000	1,500	0,475	3,500	1,717	0,500	4	☹
★ ME232.12.7W4D318C-	1/2"	0,5000	0,125	1,000	1,500	0,475	3,500	1,717	0,500	4	☹
★ ME232.15.9W4D318C-	5/8"	0,6250	0,125	1,250	1,563	0,594	3,500	1,594	0,625	4	☹
★ ME232.19.1W4D076C-	3/4"	0,7500	0,030	1,500	1,875	0,713	4,000	1,969	0,750	4	☹
★ ME232.19.1W4D318C-	3/4"	0,7500	0,125	1,500	1,875	0,713	4,000	1,969	0,750	4	☹

Ordering example for the grade WJ30ED: ME232.3.18A4D038C-WJ30ED

D1

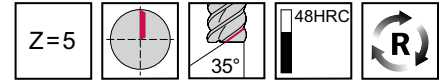
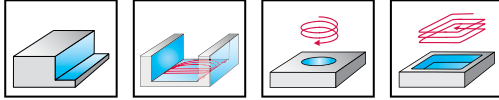
**WALTER
SELECT**

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

Solid carbide shoulder/slot milling cutters

ME232 Perform mm

– Long reach



	P	M	K	N	S	H	O
WJ30ED	●	●	●	●	●		

Tool

Designation	D_c h12 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
★ ME232-06.0W5BC-	6		13	19	5,7	57	21	6	5	☹
★ ME232-08.0W5BC-	8		19	25	7,6	63	27	8	5	☹
★ ME232-10.0W5BC-	10	0,1	22	30	9,5	72	32	10	5	☹
★ ME232-12.0W5BC-	12	0,1	26	36	11,4	83	38	12	5	☹
★ ME232-16.0W5BC-	16	0,15	32	42	15,2	92	44	16	5	☹
★ ME232-20.0W5BC-	20	0,15	38	52	19	104	54	20	5	☹

DIN 6535 HB

Bestellbeispiel für die Sorte WJ30ED: ME232-06.0W5BC-WJ30ED

Bezeichnung	D_c h12 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
★ ME232-06.0W5L-	6		22	65	29	6	5	☹
★ ME232-08.0W5L-	8		28	80	44	8	5	☹
★ ME232-10.0W5L-	10	0,1	32	100	60	10	5	☹
★ ME232-12.0W5L-	12	0,1	40	100	55	12	5	☹
★ ME232-16.0W5L-	16	0,15	50	115	67	16	5	☹
★ ME232-20.0W5L-	20	0,15	55	125	75	20	5	☹

DIN 6535 HB

Ordering example for the grade WJ30ED: ME232-06.0W5BC-WJ30ED

WALTER
SELECT

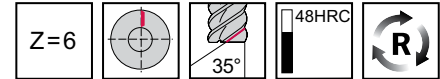
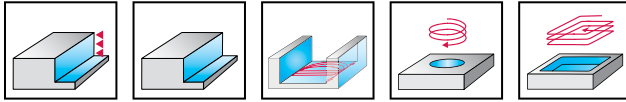
● ● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

ME232 Perform

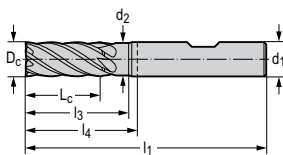


– Long reach



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool



DIN 6535 HB

Designation	D _c h12 mm	l ₁₁ mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
★ ME232-06.0W6BC-	6		13	19	5,7	57	21	6	6	☹
★ ME232-08.0W6BC-	8		19	25	7,6	63	27	8	6	☹
★ ME232-10.0W6BC-	10	0,1	22	30	9,5	72	32	10	6	☹
★ ME232-12.0W6BC-	12	0,1	26	36	11,4	83	38	12	6	☹
★ ME232-16.0W6BC-	16	0,15	32	42	15,2	92	44	16	6	☹
★ ME232-20.0W6BC-	20	0,15	38	52	19	104	54	20	6	☹

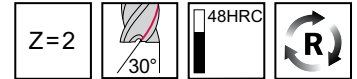
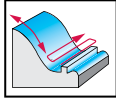
Ordering example for the grade WJ30ED: ME232-06.0W6BC-WJ30ED

D1

**WALTER
SELECT**

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

Solid carbide ball-nose copy milling cutters

ME432 Perform 

	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
 DIN 6535 HA	★ ME432-01.0A2B-	1	0,5	3	38	10	3	2	☹
	★ ME432-01.5A2B-	1,5	0,75	3	38	10	3	2	☹
	★ ME432-02.0A2B-	2	1	6	38	11	3	2	☹
	★ ME432-02.5A2B-	2,5	1,25	7	38	12	3	2	☹
	★ ME432-03.0A2B-	3	1,5	7	38	10	3	2	☹
	★ ME432-04.0A2B-	4	2	8	57	21	6	2	☹
	★ ME432-05.0A2B-	5	2,5	10	57	21	6	2	☹
	★ ME432-06.0A2B-	6	3	10	57	21	6	2	☹
	★ ME432-08.0A2B-	8	4	16	63	27	8	2	☹
	★ ME432-10.0A2B-	10	5	19	72	32	10	2	☹
	★ ME432-12.0A2B-	12	6	22	83	38	12	2	☹
	★ ME432-16.0A2B-	16	8	26	92	44	16	2	☹
	★ ME432-20.0A2B-	20	10	32	104	54	20	2	☹

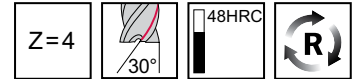
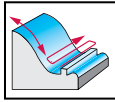
Ordering example for the grade WJ30ED: ME432-01.0A2B-WJ30ED

D1

WALTER
SELECT

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

Solid carbide ball-nose copy milling cutters

ME432 Perform


	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
 DIN 6535 HA	★ ME432-03.0A4B-	3	1,5	8	38	10	3	4	☹
	★ ME432-04.0A4B-	4	2	11	57	21	6	4	☹
	★ ME432-05.0A4B-	5	2,5	13	57	21	6	4	☹
	★ ME432-06.0A4B-	6	3	13	57	21	6	4	☹
	★ ME432-08.0A4B-	8	4	19	63	27	8	4	☹
	★ ME432-10.0A4B-	10	5	22	72	32	10	4	☹
	★ ME432-12.0A4B-	12	6	26	83	38	12	4	☹
	★ ME432-16.0A4B-	16	8	32	92	44	16	4	☹
	★ ME432-20.0A4B-	20	10	38	104	54	20	4	☹

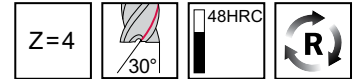
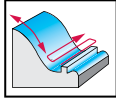
Ordering example for the grade WJ30ED: ME432-03.0A4B-WJ30ED

D1

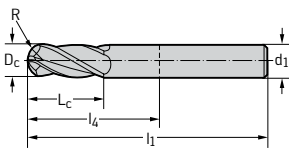
WALTER
SELECT

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

Solid carbide ball-nose copy milling cutters

ME432 Perform inch

	P	M	K	N	S	H	O
WJ30ED	●	●	●	●	●		

Tool		Designation	D _c	D _c h9 inch	R inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WJ30ED
 Cylindrical shank	★	ME432.1.59A4D-	1/16"	0,0625	0,031	0,187	2,000	0,583	0,250	4	☹
	★	ME432.2.38A4D-	3/32"	0,0938	0,047	0,375	2,500	1,083	0,250	4	☹
	★	ME432.3.18A4D-	1/8"	0,1250	0,063	0,500	2,500	1,083	0,250	4	☹
	★	ME432.4.75A4D-	3/16"	0,1875	0,094	0,625	2,500	1,083	0,250	4	☹
	★	ME432.6.35A4D-	1/4"	0,2500	0,125	0,750	2,500	1,083	0,250	4	☹
	★	ME432.7.94A4D-	5/16"	0,3125	0,156	0,813	3,000	1,437	0,375	4	☹
	★	ME432.9.53A4D-	3/8"	0,3750	0,188	0,875	3,000	1,437	0,375	4	☹
	★	ME432.12.7A4D-	1/2"	0,5000	0,250	1,000	3,500	1,717	0,500	4	☹
	★	ME432.15.9A4D-	5/8"	0,6250	0,313	1,250	3,500	1,594	0,625	4	☹

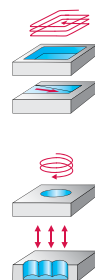
Ordering example for the grade WJ30ED: ME432.1.59A4D-WJ30ED

D1

WALTER
SELECT

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

High-feed milling cutters



Designation	MC025 Advance	Protostar® Flash	MD025	MD025	Protostar® Flash
Diameter range	10–25,4	10–16	10–25	10–25	10–25
Number of teeth	4	3	5–6	5–6	4–5
Corner radius	1,5–3,18	1,5–2	1,5–3	1,5–3	1,5–3
Diameter range	0,375–0,750	—	0,375–1,000	0,375–1,000	—
Number of teeth	4	—	5–6	5–6	—
Corner radius	0,060–0,080	—	0,060–0,125	0,060–0,125	—
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	TAA	WJ30TF	TAX	WJ30RD	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	●	●	●	●	●

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MC025



protostar-flash



MD025



MD025



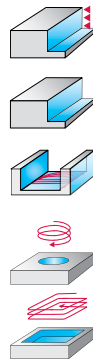
protostar-flash

www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

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	WJ30TF	WJ30RD
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



MC128



MD128



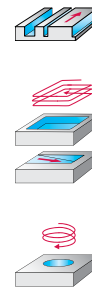
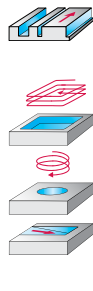
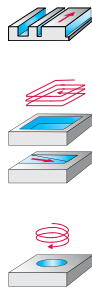
MD128

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WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters



Designation	MC326	MC320	Proto-max™ST	Protostar®	Proto-max™Inox
Diameter range	10–25	10–25	10–20	10–25	10–25
Number of teeth	4–5	4–8	4	3	4–5
Corner radius	0,5–4	0,35–0,4	0,5–4		0,5–4
Diameter range	0,375–1,000	—	—	—	—
Number of teeth	4–5				
Corner radius	0,015–0,125				
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30TF	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					

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MC326

MC320

protomax-st

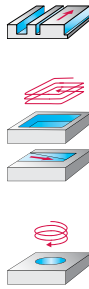
protostar

protomax-inox

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters



Designation

Protostar®

Diameter range

10–25

Number of teeth

2–3

Corner radius

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

● ●

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protostar

WALTER SELECT

● ● Primary application ● Other application

Copy milling cutters



Designation

Protostar®

Diameter range

10–25

Number of teeth

2–4

Corner radius

5–12,5

Diameter range

0,375–1,000

Number of teeth

4

Corner radius

0,187–0,500

Standard

PWZ-NORM

Coating / grade

TAX

Shank

ConeFit

P Steel

● ●

M Stainless steel

● ●

K Cast iron

●

N NF metals

●

S Materials with difficult cutting properties

H Hard materials

O Other

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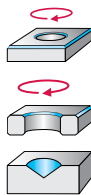

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protostar

WALTER SELECT

● ● Primary application ● Other application

Profiling cutters



Designation	Protostar®
Diameter range	10–20
Number of teeth	2–8
Corner radius	
Diameter range	0,500–0,625
Number of teeth	6–8
Corner radius	
Standard	PWZ-NORM
Coating / grade	TAX
Shank	ConeFit
P Steel	● ●
M Stainless steel	●
K Cast iron	●
N NF metals	●
S Materials with difficult cutting properties	●
H Hard materials	
O Other	

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protostar

D1

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

WJ30RD

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

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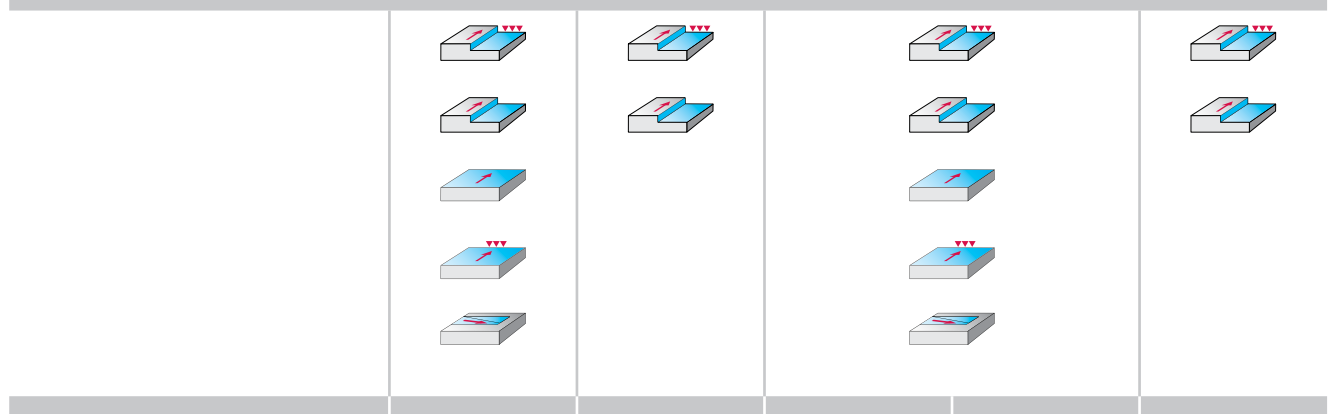
MD838

MD838

WALTER SELECT

●● Primary application ● Other application

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	WP40	WKM
Shank	Modulare Aufnahme NCT	Modular NCT adaptor	DIN 1835 B	Shell mill mount DIN 138 transverse keyway	Modular NCT adaptor
P Steel	●●	●●	●●		
M Stainless steel					
K Cast iron				●●	●●
N NF metals					
S Materials with difficult cutting properties					
H Hard materials					
O Other					

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F1682



F1678



F1675



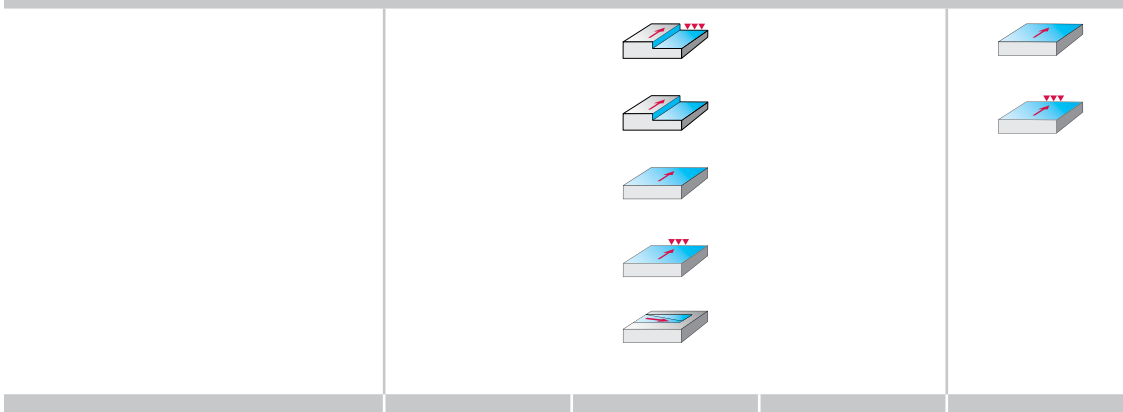
F1682



F1678

D1

Shoulder milling cutters



Selection

Selection

Selection



Designation

MP260

MP160

MP060

Diameter range

50–80

4–20

16–40

40,6–125,6

Number of teeth

6–8

2–3

3–4

10–22

Corner radius

0,1–0,2

0,2

—

Diameter range

—

—

—

—

Number of teeth

Corner radius

Standard

Coating / grade

WKM

WKM

WDN20

WDN20

Shank

DIN 1835 B

Shell mill mount
DIN 138 transverse
keyway

ScrewFit
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

● ●

● ●

● ●

● ●

●

●

●

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383

385

QR code


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F1675

MP260

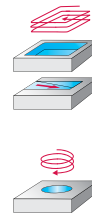
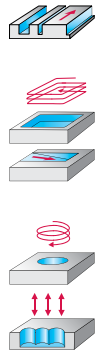
MP160

MP060

WALTER SELECT

● ● Primary application ● Other application

Brazed 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		

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MC275



MC075

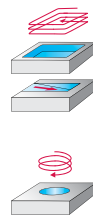
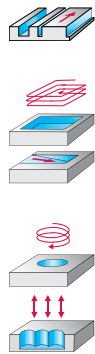
www.walter-tools.com/woc/

WALTER SELECT

● ● Primary application ● Other application

D1

Brazed 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

● ●

● ●

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www.walter-tools.com/woc/

MC275

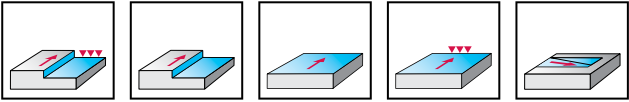
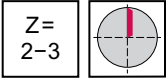
MC075

WALTER SELECT

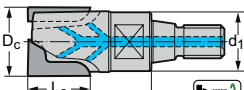
● ● Primary application ● Other application

PCD routing cutters

MP260 mm



	P	M	K	N	S	H	O
WDN20				●●			●

Tool									WDN20
Designation	D _c mm	R mm	L _c mm	l ₄ mm	d ₁	Z	kg		
	MP260-016T02P	16	0,2	15	30	T14	2	0,23	
	MP260-016T03P	16	0,2	15	30	T14	3	0,03	
	MP260-020T03P	20	0,2	18	30	T18	3	0,05	



ScrewFit

Pre-balanced to G6.3 where n = 16,000 rpm | Ordering example for the grade WDN20: MP260-016T02P WDN20

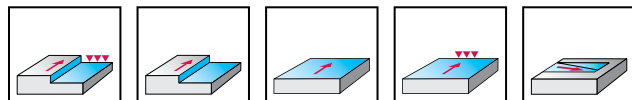
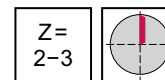
PCD routing cutters

MP260

mm



– Solid carbide shank



	P	M	K	N	S	H	O
WDN20				●●			●

Tool

	Designation	D _c mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	kg	WDN20
 DIN 6535 HA	MP260-004A02P	4	0,1	6	52	12	4	2	0,02	☺
	MP260-005A02P	5	0,1	8	55	15	6	2	0,03	☺
	MP260-006A02P	6	0,2	8	60	20	6	2	0,02	☺
	MP260-008A02P	8	0,2	10	70	15	8	2	0,04	☺
	MP260-010A02P	10	0,2	12	80	17	10	2	0,09	☺
	MP260-012A02P	12	0,2	16	80	21	12	2	0,12	☺
	MP260-016A02P	16	0,2	20	90	25	16	2	0,22	☺
	MP260-016A03P	16	0,2	20	90	25	16	3	0,22	☺
	MP260-020A03P	20	0,2	20	100	48,5	20	3	0,4	☺

Ordering example for the grade WDN20: MP260-004A02P WDN20

D1

WALTER
SELECT

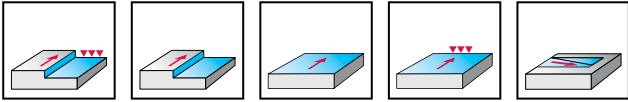
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

PCD shoulder milling cutters

MP160

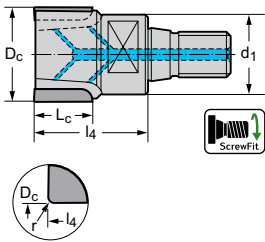


Z=4



	P	M	K	N	S	H	O
WDN20				●●			●

Tool

	Designation	D _c mm	R mm	L _c mm	l ₄ mm	d ₁	Z	kg	WDN20
	MP160-020T04P	20	0,2	18	30	T18	4	0,05	☺
	MP160-025T04P	25	0,2	20	35	T22	4	0,11	☺
	MP160-032T04P	32	0,2	20	40	T28	4	0,39	☺
	MP160-040T04P	40	0,2	20	40	T36	4	0,37	☺

ScrewFit

Pre-balanced to G6.3 where n = 16,000 rpm | Ordering example for the grade WDN20: MP160-020T04P WDN20

D1

WALTER
SELECT

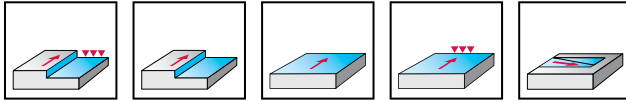
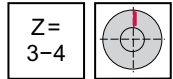
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

PCD shoulder milling cutters

MP160 mm



– Solid carbide shank



	P	M	K	N	S	H	O
WDN20				●●			●

Tool

Designation	D _c mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	kg	WDN20
MP160-016A03P	16	0,2	20	90	25	16	3	0,22	☹
MP160-020A04P	20	0,2	20	100	48,5	20	4	0,42	☹
MP160-025A04P	25	0,2	20	100	42,5	25	4	0,62	☹

DIN 6535 HA

Ordering example for the grade WDN20: MP160-016A03P WDN20

D1

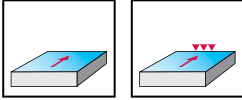
**WALTER
SELECT**

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

PCD face milling cutters

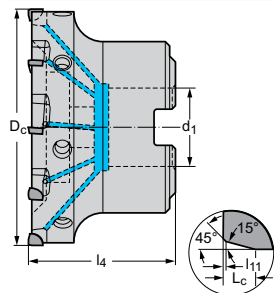
MP060

mm

Z =
10-22- $\kappa = 75^\circ$ up to $L_c = 1.1$ mm

	P	M	K	N	S	H	O
WDN20				●●			●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D _c mm	l ₁₁ mm	L _c mm	l ₄ mm	d ₁ mm	Z	kg	WDN20
MP060-040B10P	40	0,1	1,1	40	16	10	0,4	☺
MP060-050B12P	50	0,1	1,1	40	22	12	0,6	☺
MP060-063B14P	63	0,1	1,1	40	22	14	0,5	☺
MP060-080B16P	80	0,1	1,1	50	27	16	1	☺
MP060-100B18P	100	0,1	1,1	50	32	18	1,5	☺
MP060-125B22P	125	0,1	1,1	63	40	22	3,2	☺

Pre-balanced to G6.3 where n = 16,000 rpm | Ordering example for the grade WDN20: MP060-040B10P WDN20

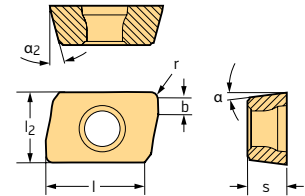
D1

WALTER
SELECT

●● Primary application ● Other application

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

Positive rhombic BCGT / BCHT / BCMT Tiger-tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α ₂	b mm	P				M			K				N		S		
										HC				HC			HC				HC	HW	HC		
										WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM45X
	BCGT160508R-G55	G	2	5,75	17,3	0,8	7°	15°	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺		
	BCHT160508R-K85	H	2	5,75	17,3	0,8	7°	15°	2											☺	☺				
	BCHT160512R-K85	H	2	5,75	17,3	1,2	7°	15°	1,7											☺	☺				
	BCHT160516R-K85	H	2	5,75	17,3	1,6	7°	15°	1,7											☺	☺				
	BCHT160520R-K85	H	2	5,75	17,3	2	7°	15°	1,5											☺	☺				
	BCHT160525R-K85	H	2	5,75	17,3	2,5	7°	15°	1,4											☺	☺				
	BCHT160530R-K85	H	2	5,75	17,3	3	7°	15°	1,2											☺	☺				
	BCHT160540R-K85	H	2	5,75	17,3	4	7°	15°	1,1											☺	☺				
	BCMT160508R-F55	M	2	5,75	17,3	0,8	7°	15°	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺				☺	☺	
	BCMT160508R-G55	M	2	5,75	17,3	0,8	7°	15°	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺			☺	☺	☺	
	BCMT160512R-G55	M	2	5,75	17,3	1,2	7°	15°	1,7		☺	☺	☺	☺	☺	☺				☺	☺		☺	☺	
	BCMT160516R-G55	M	2	5,75	17,3	1,6	7°	15°	1,5		☺	☺	☺	☺	☺	☺				☺	☺		☺	☺	
	BCMT160520R-G55	M	2	5,75	17,3	2	7°	15°	1,5		☺	☺	☺	☺	☺	☺				☺	☺		☺	☺	
	BCMT160525R-G55	M	2	5,75	17,3	2,5	7°	15°	1,4		☺	☺	☺	☺	☺	☺				☺	☺		☺	☺	
	BCMT160530R-G55	M	2	5,75	17,3	3	7°	15°	1,2		☺	☺	☺	☺	☺	☺				☺	☺		☺	☺	
	BCMT160532R-G55	M	2	5,75	17,3	3,2	7°	15°	1,1		☺	☺	☺	☺	☺	☺				☺	☺		☺	☺	
	BCMT160540R-G55	M	2	5,75	17,3	4	7°	15°	1,1		☺	☺	☺	☺	☺	☺				☺	☺		☺	☺	
	BCMT160550R-G55	M	2	5,75	17,3	5	7°	15°	0,7		☺	☺	☺	☺	☺	☺				☺	☺		☺	☺	
	BCMT160560R-G55	M	2	5,75	17,3	6	7°	15°	0,1		☺	☺	☺	☺	☺	☺				☺	☺		☺	☺	
		BCMT160508R-K55	M	2	5,75	17,3	0,8	7°	15°	2		☺	☺	☺	☺	☺	☺			☺	☺		☺	☺	☺
	BCGT160508R-G51	G	2	5,75	17,3	0,8	7°	15°	2		☹	☹	☹		☹				☹	☹				☹	
	BCMT160508R-G55W	M	2	5,75	17,3	0,8	7°	15°	2				☹		☹	☹							☹	☹	
	BCMT160516R-G55W	M	2	5,75	17,3	1,6	7°	15°	1,5				☹		☹	☹							☹	☹	
	BCMT160530R-G55W	M	2	5,75	17,3	3	7°	15°	1,2				☹		☹	☹							☹	☹	

Ordering example for the grade WAK15: BCGT160508R-G55 WAK15
Ordering example for the grade WKP25S: BCGT160508R-G55 WKP25S
Ordering example for the grade WKP35G: BCGT160508R-G55 WKP35G

HC = Coated carbide
HW = Uncoated carbide

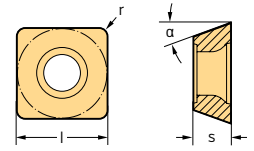
WALTER SELECT

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

Positive square

SCMT / SCGT / SCHAT

Tiger-tec® Gold



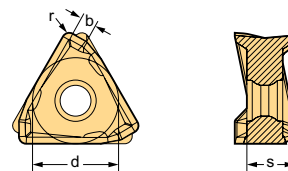
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	P			M		K		N		S	
							WKP35G	WKP35S	WSP45G	WSM45X	WSP45G	WKP35G	WKP35S	WXN15	WN15	WSM45X	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°	☹	☹	☹		☹	☹	☹				☹
 SCHAT110502-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

Negative triangular TNMU Tiger-tec® Gold



Indexable inserts

Designation		Tolerance class	Number of cutting edges	s mm	d mm	r mm	b mm	P				M	K		S	
								HC			HC	HC	HC	HC		
								WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G
	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	☹	☹	☹	☹	☹	☹	☹	☹	☹
	TNMU11T304R-G57	M	6	3,75	6,72	0,4	1	☹	☹	☹	☹	☹	☹	☹	☹	☹
	TNMU160508R-G57	M	6	5,35	9,6	0,8	1,6	☹	☹	☹	☹	☹	☹	☹	☹	☹

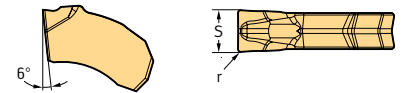
Ordering example for the grade WKP25S: TNMU11T304R-G27 WKP25S
Ordering example for the grade WKP35G: TNMU11T304R-G27 WKP35G

HC = Coated carbide

Slitting – cutting inserts

SX

Tiger-tec® Gold



Cutting inserts

	Designation	s mm	r mm	S _{Tol} mm	h _{Tol} mm	P				M		K	N	S		
						HC				HC		HC	HW	HC		
						WKP23S	WSM23G	WSM33G	WSM43G	WSM23G	WSM33G	WSM43G	WKP23S	WK1	WSM23G	WSM33G
	SX-1E150N01-SF5	1,5	0,15	±0,05	±0,1			☹		☹					☹	
	SX-2E200N02-SF5	2	0,2	±0,05	±0,1			☹	☹	☹	☹				☹	☹
	SX-3E300N02-SF5	3	0,2	±0,05	±0,1			☹	☹	☹	☹				☹	☹
	SX-4E400N02-SF5	4	0,2	±0,05	±0,1			☹	☹	☹	☹				☹	☹
	SX-5E500N04-SF5	5	0,4	±0,05	±0,1			☹	☹	☹	☹				☹	☹
	SX-1E150N01-SK8	1,5	0,1	±0,02	±0,05								☹			
	SX-2E200N02-SK8	2	0,2	±0,02	±0,05								☹			
	SX-3E300N02-SK8	3	0,2	±0,02	±0,05								☹			
	SX-4E400N02-SK8	4	0,2	±0,02	±0,05								☹			
	SX-5E500N04-SK8	5	0,4	±0,02	±0,05								☹			
	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-4E480N03-CE4	4,8	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-1E150N01-CF5	1,5	0,15	±0,05	±0,1			☹		☹					☹	
	SX-2E200N02-CF5	2	0,2	±0,05	±0,1			☹	☹	☹	☹	☹			☹	☹
	SX-3E300N02-CF5	3	0,2	±0,05	±0,1		☹	☹	☹	☹	☹	☹			☹	☹
	SX-3E310N03-CF5	3,1	0,3	±0,05	±0,1			☹		☹					☹	
	SX-4E400N02-CF5	4	0,2	±0,05	±0,1			☹	☹	☹	☹	☹			☹	☹
	SX-5E500N04-CF5	5	0,4	±0,05	±0,1			☹	☹	☹	☹	☹			☹	☹
	SX-6E600N04-CF5	6	0,4	±0,05	±0,1			☹		☹					☹	
	SX-2E200N02-CF6	2	0,2	±0,05	±0,1			☹	☹	☹	☹				☹	☹
	SX-3E300N02-CF6	3	0,2	±0,05	±0,1			☹	☹	☹	☹				☹	☹

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

Ordering example for the grade WSM33G: SX-1E150N01-SF5 WSM33G

HC = Coated carbide

HW = Uncoated carbide

WALTER SELECT

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

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

Indexable inserts for tangential fitting

389

D2

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

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M2026

M2025

M5004

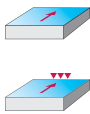
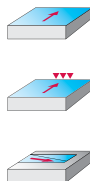
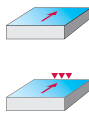
F2010

WALTER SELECT

● ● Primary application

● Other application

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	2,411–6,551	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



M5009



M4003



M3024



F4045

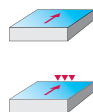
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WALTER SELECT

● ● Primary application ● Other application

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

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	—

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



LNMU2010...



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



M3016



F2260



M5011



M5012

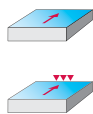
www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

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...SPHX1204...

P2903..

Number of cutting edges	1 / 1	3
Max. depth of cut	3	9
Page in catalogue		

QR code


www.walter-tools.com/woc/

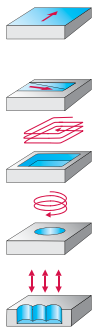
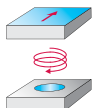
F2250

F2010

WALTER SELECT

● ● Primary application ● Other application

High-feed milling cutters

Machining					
	15°				15°
	15°				15°
	15°				15°
	15°				15°



Designation	M5008 Xtra-tec® XT		M4002		F2330		F2010	
Diameter range	16–66	0,625–2,500	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



M5008



M4002



F2330



F2010

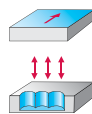
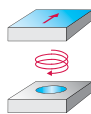
www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

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



F2010



F4030

www.walter-tools.com/woc/
WALTER SELECT

● ● Primary application ● Other application

Shoulder milling cutters

Machining				
				
				
				
Lead angle κ	90°	90°	90°	90°

Selection

Selection



Designation	M5250 Xtra-tec® XT		M5137 Xtra-tec® XT		M5130 Xtra-tec® XT		M4130	
Diameter range	50–80	2,000–3,000	25–160	1,000–6,000	10–160	0,500–6,000	20–25	—

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...BCGX...



LD...

Number of cutting edges	2 / 4	6	2 / 2	2
Max. depth of cut	43 - 80	5 - 8	5 - 15	8
Page in catalogue	426	414		

QR code



M5250



M5137



M5130



M4130

www.walter-tools.com/woc/

WALTER SELECT

● ● Primary application ● Other application

Shoulder milling cutters

Machining				
Lead angle κ	90°	90°	90°	90°



Designation	M2331		M2136		M2131		F5241 Walter BLAXX	
Diameter range	32–50	—	50–160	—	25–80	1,000–3,000	50–160	—

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



ZDGT.A...



SNEF1204...SNEF1204...



ZDGT...



LN.U1607...

Number of cutting edges	2	8 / 4	2	4
Max. depth of cut	15 - 20	6,5	15 - 20	15
Page in catalogue				

QR code



M2331



M2136



M2131



F5241

www.walter-tools.com/woc/
WALTER SELECT

● ● Primary application ● Other application

Shoulder milling cutters

Machining				
				
				
				
				
Lead angle κ	90°		90°	



Designation	F5141 Walter BLAXX		F5041 Walter BLAXX		F5138 Walter BLAXX		F5038 Walter BLAXX	
Diameter range	40–160	1,500–6,000	25–63	1,000–2,000	40–80	1,500–2,500	25–40	—

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.U1306...LN.HX1306...



LN.U0904...LN.HX0904...



LN.U1306...



LN.U0904...

Number of cutting edges	4 / 4	4 / 4	4	4
Max. depth of cut	12	8	34 - 56	32 - 40
Page in catalogue				

QR code



F5141



F5041



F5138



F5038

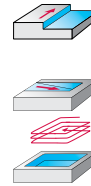
www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters

Machining


Lead angle κ

90°

90°

90°

90°



Designation	F4338 Xtra-tec®		F4238 Xtra-tec®		F4138 Xtra-tec®		F4038 Xtra-tec®	
Diameter range	63–80	—	40–80	1,500–3,000	32–63	1,250–2,000	20–32	0,750–1,000

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..1807...



AD..1606...



AD..1204...



AD..0803...

Number of cutting edges	2	2	2	2
Max. depth of cut	47 - 78	29 - 99	33 - 54	22 - 37
Page in catalogue				

QR code



F4338



F4238



F4138



F4038

www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters

Machining						
						
						
						
						
Lead angle κ	90°		90°		90°	



Designation	F4042 Xtra-tec®		F4042R Xtra-tec®		F4041 Xtra-tec®		F2338F	
Diameter range	10–160	0,750–3,000	16–63	0,625–2,000	40–125	1,500–4,000	63–85	—

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..1807...



AD..10T3...ADGX10T3...



LN.X1307...



LP..1506...SP..1206...

Number of cutting edges	2	2 / 2	4	2 / 4
Max. depth of cut	8 - 16,7	10	13	48 - 70
Page in catalogue				

QR code



F4042



F4042R



F4041



F2338F

www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters

Machining				
Lead angle κ	90°	90°	90°	90°

Selection



Designation	F2010		F2010		F2010		F2010	
Diameter range	80–315	3,000–12,000	80–315	3,000–12,000	80–315	3,000–12,000	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



TNMU1605..



BC..1605...



BC..1204...



LN.U1306...

Number of cutting edges	6	2	2	4
Max. depth of cut	8	15	11,7 - 11,7	12
Page in catalogue	422			

QR code



F2010



F2010



F2010



F2010

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WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters

Machining				
				
				
				
Lead angle κ	90°		90°	



Designation	F2010		F2010		F2010		F2010	
Diameter range	80–315	—	80–315	—	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



LN.U0904...



LN.X1307...



AD.1606...



AD.1204...

Number of cutting edges	4	4	2	2
Max. depth of cut	8	13	15	11,7
Page in catalogue				

QR code



F2010



F2010



F2010



F2010

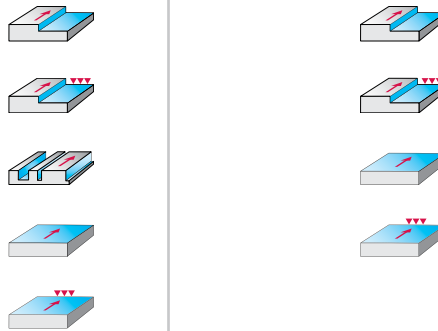
www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters

Machining


Lead angle κ

89,75°

89,5°

89,5°



Designation	M4132		F2010		F2010	
Diameter range	16–125	0,625–3	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...

SD..1204...

SD..09T3...

Number of cutting edges	4	4	4
Max. depth of cut	5,6 - 11,6	11,6	8,4
Page in catalogue			

QR code


www.walter-tools.com/woc/

M4132

F2010

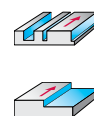
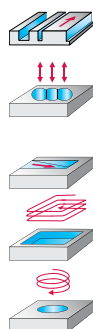
F2010

WALTER SELECT

● ● Primary application ● Other application

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	—	0,750–1,750	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



M4792



M4791



M4258



M4257

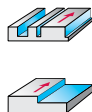
www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

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...



LNU...

Number of cutting edges	2 / 4	2 / 4	1	4
Max. depth of cut	27 - 37	46 - 58	—	—
Cutting width SB [mm]			1,5–5	12–25

Page in catalogue



M4256



M3255



F5055



F4253

www.walter-tools.com/woc/
WALTER SELECT

●● Primary application ● Other application

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...



AD..1606...



AD..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

QR code				
	F4153	F4053	F2252	F2252

www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

Slot milling cutters

Machining



Lead angle κ	90°	90°	90°	90°
---------------------	-----	-----	-----	-----



Designation	F2252		F2252		F2252		F2252	
Diameter range	100–160	—	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



AD..0803...

MP..1204...
P2905..

MP..0803...
P2905..

MP..0603...
P2905..

Number of cutting edges	2	2 / 4	2 / 4	2 / 4
Max. depth of cut	—	—	—	—
Cutting width SB [mm]	12–14	16–22	10–14	8–9

Page in catalogue

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F2252

F2252

F2252

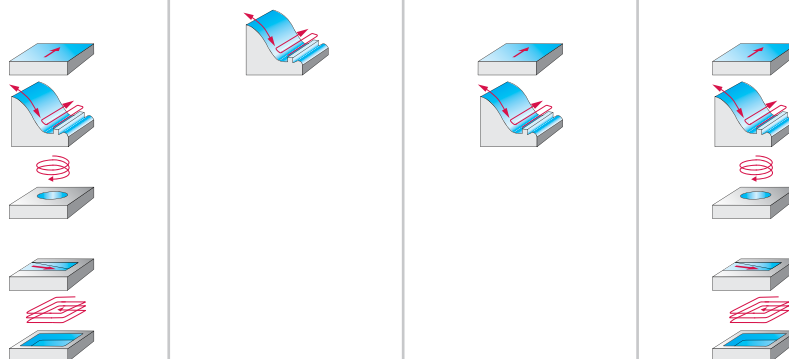
F2252

WALTER SELECT

●● Primary application ● Other application

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



M5468



M5460



M2473



M2472

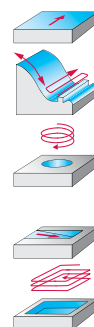
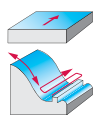
www.walter-tools.com/woc/

WALTER SELECT

● ● Primary application ● Other application

Copy milling cutters

Machining


Lead angle κ


Designation	M2471		F2339		F2334R		F2239	
Diameter range	25–63	2,000–2,500	16–40	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...



P26315...SP...

Number of cutting edges	8	2 / 4	4	3 / 4
Max. depth of cut	5 - 6	11 - 57	5 - 6	15 - 84
Page in catalogue				

QR code



M2471



F2339



F2334R



F2239

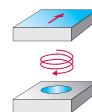
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WALTER SELECT

● ● Primary application ● Other application

Copy milling cutters

Machining

Lead angle κ

Selection

Selection



Designation	F2139		F2010		F2010		F2010	
Diameter range	20	—	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



P32...

RO.X1204M08...

RO.X1605M08...

RO.X1605...

Number of cutting edges	1	8	8	6
Max. depth of cut	10	6	8	8
Page in catalogue		434	430	430

QR code



www.walter-tools.com/woc/

F2139

F2010

F2010

F2010

WALTER SELECT

●● Primary application ● Other application

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

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


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F2036

WALTER SELECT

● ● Primary application ● Other application

Shoulder milling cutters

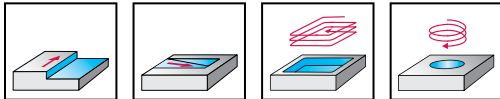
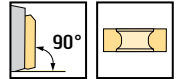
M5137 mm

TNMU11T3...

Xtra-tec® XT

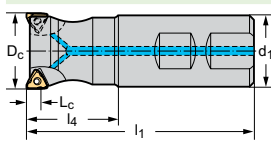


– 6 cutting edges per indexable insert

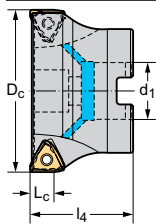


	P	M	K	N	S	H	O
M5137	●	●	●	●	●	●	●

Tool



DIN 1835 B



Shell mill mount DIN 138 transverse keyway

Designation

D_c
mm

d₁
mm

l₄
mm

l₁
mm

L_c
mm

Z

kg

No. of
inserts

Type

M5137-025-W25-03-05

25

25

40

96

5

3

0,3

3

TNMU11T3...

M5137-032-W32-04-05

32

32

40

101

5

4

0,53

4

M5137-032-W32-05-05

32

32

40

101

5

5

0,53

5

M5137-040-B16-05-05

40

16

40

5

5

0,19

5

TNMU11T3...

M5137-040-B16-06-05

40

16

40

5

6

0,19

6

M5137-050-B22-06-05

50

22

40

5

6

0,29

6

M5137-050-B22-08-05

50

22

40

5

8

0,43

8

M5137-063-B22-07-05

63

22

40

5

7

0,48

7

M5137-063-B22-09-05

63

22

40

5

9

0,69

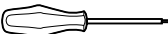
9

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	25–63
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm

Accessories

	D _c [mm]	25–63
	Torque screwdriver, analogue	FS2001
	Interchangeable blade	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M	K			S
						HC				HC	HC			HC
						WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G
	TNMU11T304R-G27	M	6	0,4	1									
	TNMU11T308R-G27	M	6	0,8	0,8									
	TNMU11T304R-G57	M	6	0,4	1									

HC = Coated carbide

Shoulder milling cutters

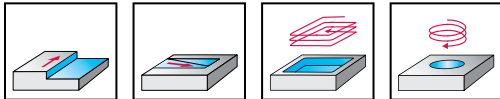
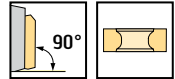
M5137 inch

TNMU11T3...

Xtra-tec® XT

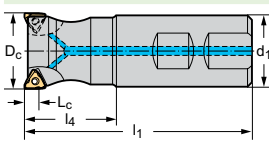


– 6 cutting edges per indexable insert

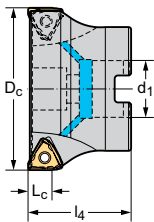


	P	M	K	N	S	H	O
M5137	●	●	●	●	●	●	●

Tool



DIN 1835 B

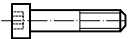


Shell mill mount DIN 138 transverse keyway

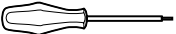
Designation	D _c inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
M5137.026-W26-03-05	1,000	1,000	1,181	3,462	0,197	3	0,639	3	TNMU11T3...
M5137.031-W31-04-05	1,250	1,250	1,181	3,462	0,197	4	1,014	4	
M5137.031-W31-05-05	1,250	1,250	1,181	3,462	0,197	5	0,992	5	
M5137.038-B19-05-05	1,500	0,750	1,500		0,197	5	0,331	5	TNMU11T3...
M5137.038-B19-06-05	1,500	0,750	1,500		0,197	6	0,617	6	
M5137.051-B19-06-05	2,000	0,750	1,500		0,197	6	0,728	6	
M5137.051-B19-08-05	2,000	0,750	1,500		0,197	8	0,728	8	
M5137.064-B26-07-05	2,500	1,000	1,500		0,197	7	1,759	7	
M5137.064-B26-09-05	2,500	1,000	1,500		0,197	9	1,146	9	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [inch]	1-1,25	1,5-2	2,5
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,664 lbs	FS2061 (T7IP) 0,664 lbs	FS2061 (T7IP) 0,664 lbs
	Clamping screw for arbour-mounted tools		FS1518	FS1519

Accessories

	D _c [inch]	1-2,5
	Torque screwdriver, analogue	FS2002
	Interchangeable blade	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P				M	K			S
						HC				HC	HC			HC
						WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G
														
	TNMU11T304R-G27	M	6	0,016	0,039									
	TNMU11T308R-G27	M	6	0,031	0,030									
	TNMU11T304R-G57	M	6	0,016	0,039									

HC = Coated carbide

Shoulder milling cutters

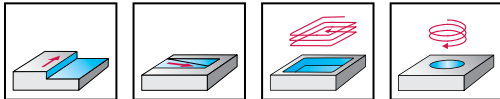
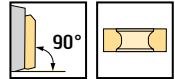
M5137 mm

TNMU1605...

Xtra-tec® XT



– 6 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5137	●	●	●	●	●	●	●

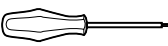
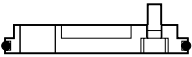
Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
Shell mill mount DIN 138 transverse keyway	M5137-050-B22-04-08	50	22	40	8	4	0,26	4	TNMU1605...
	M5137-050-B22-05-08	50	22	40	8	5	0,25	5	
	M5137-063-B22-05-08	63	22	40	8	5	0,66	5	
	M5137-063-B22-07-08	63	22	40	8	7	0,57	7	
	M5137-080-B27-07-08	80	27	50	8	7	1,13	7	
	M5137-080-B27-09-08	80	27	50	8	9	1,05	9	
	M5137-100-B32-08-08	100	32	50	8	8	2,42	8	
	M5137-100-B32-11-08	100	32	50	8	11	1,62	11	
Shell mill mount DIN 138 transverse keyway	★ M5137-125-B40-11-08	125	40	63	8	11	3,23	11	TNMU1605...
	★ M5137-125-B40-13-08	125	40	63	8	13	3,42	13	
	★ M5137-160-B40-12-08	160	40	63	8	12	4,48	12	
	★ M5137-160-B40-14-08	160	40	63	8	14	4,5	14	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	50–160
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 2 Nm

Accessories

	D _c [mm]	50–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M	K			S
						HC				HC	HC			HC
						WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G
	TNMU160508R-G27	M	6	0.8	1.6									
	TNMU160512R-G27	M	6	1.2	1.3									
	TNMU160516R-G27	M	6	1.6	0.9									
	TNMU160508R-G57	M	6	0.8	1.6									

HC = Coated carbide

Shoulder milling cutters

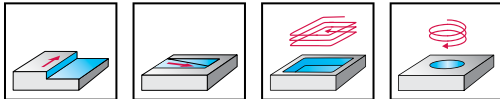
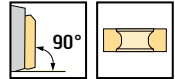
M5137 inch

TNMU1605...

Xtra-tec® XT



– 6 cutting edges per indexable insert

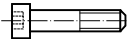


	P	M	K	N	S	H	O
M5137	●	●	●	●	●	●	●

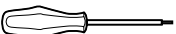
Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
Shell mill mount DIN 138 transverse keyway	M5137.051-B19-04-08	2,000	0,750	1,500	0,315	4	0,639	4	TNMU1605...
	M5137.051-B19-05-08	2,000	0,750	1,500	0,315	5	0,617	5	
	M5137.064-B26-05-08	2,500	1,000	1,500	0,315	5	1,065	5	
	M5137.064-B26-07-08	2,500	1,000	1,500	0,315	7	1,014	7	
	M5137.076-B26-07-08	3,000	1,000	2,000	0,315	7	1,814	7	
	M5137.076-B26-09-08	3,000	1,000	2,000	0,315	9	1,764	9	
	M5137.102-B38-08-08	4,000	1,500	2,500	0,315	8	5,470	8	
	M5137.102-B38-11-08	4,000	1,500	2,500	0,315	11	5,445	11	
Shell mill mount DIN 138 transverse keyway	★ M5137.127-B38-11-08	5,000	1,500	2,48	0,315	11	7,496	11	TNMU1605...
	★ M5137.127-B38-13-08	5,000	1,500	2,48	0,315	13	7,518	13	
	★ M5137.152-B38-12-08	6,000	1,500	2,48	0,315	12	12,037	12	
	★ M5137.152-B38-14-08	6,000	1,500	2,48	0,315	14	8,841	14	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [inch]	2	2,5–3	4–6
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 1,475 lbs	FS2079 (T9IP) 1,475 lbs	FS2079 (T9IP) 1,475 lbs
	Clamping screw for arbour-mounted tools	FS1518	FS1519	FS1583

Accessories

	D _c [inch]	2–4	5–6
	Torque screwdriver, analogue	FS2004	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P				M		K		S	
						WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
	TNMU160508R-G27	M	6	0,031	0,063	WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G
	TNMU160512R-G27	M	6	0,047	0,051	WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G
	TNMU160516R-G27	M	6	0,063	0,035	WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G
	TNMU160508R-G57	M	6	0,031	0,063	WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G

HC = Coated carbide

Shoulder milling cutters

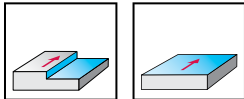
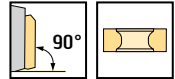
F2010

mm

TNМУ1605...

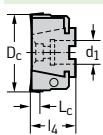


- Adjustable runout
- 6 cutting edges per indexable insert



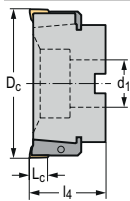
	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool



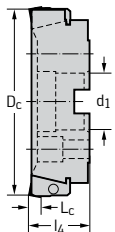
Shell mill mount DIN 138 transverse keyway

Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
★ F2010.B.080.Z06.08.R769M	80	27	50	8	6	1,3	6	TNМУ1605...



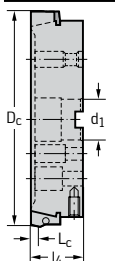
Shell mill mount DIN 138 transverse keyway

★ F2010.B.100.Z07.08.R769M	100	32	50	8	7	1,9	7	TNМУ1605...
★ F2010.B.125.Z08.08.R769M	125	40	63	8	8	3,6	8	TNМУ1605...



Shell mill mount DIN 138 transverse keyway

★ F2010.B.160.Z10.08.R769M	160	40	63	8	10	5,6	10	TNМУ1605...
★ F2010.B.200.Z12.08.R769M	200	60	63	8	12	8,3	12	TNМУ1605...
★ F2010.B.250.Z12.08.R769M	250	60	63	8	12	14,8	12	TNМУ1605...
★ F2010.B.250.Z16.08.R769M	250	60	63	8	16	14,6	16	TNМУ1605...



Shell mill mount DIN 138 transverse keyway

★ F2010.B.315.Z14.08.R769M	315	60	80	8	14	26,3	14	TNМУ1605...
★ F2010.B.315.Z18.08.R769M	315	60	80	8	18	26,2	18	TNМУ1605...

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

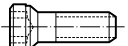
Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

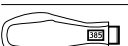
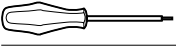
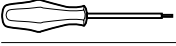
→ Good = ☹

→ Moderate = ☹

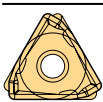
Assembly parts

	D _c [mm]	80–315
	Cartridge for tool body	FR769M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80–315
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2013 (T9IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1484 (T9IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance Class	Number of cutting edges	r mm	b mm	P				M	K		S
						HC				HC	HC		HC
						WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S
	TNMU160508R-G27	M	6	0.8	1.6								
	TNMU160512R-G27	M	6	1.2	1.3								
	TNMU160516R-G27	M	6	1.6	0.9								
	TNMU160508R-G57	M	6	0.8	1.6								

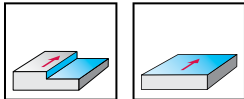
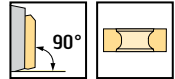
HC = Coated carbide

Shoulder milling cutters

F2010 inch
TNMU1605...



- Adjustable runout
- 6 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	★ F2010.UB.076.Z06.08R769M	3,000	1,000	2,000	0,315	6	3,307	6	TNMU1605...
 Shell mill mount DIN 138 transverse keyway	★ F2010.UB.102.Z07.08R769M	4,000	1,250	2,000	0,315	7	5,732	7	TNMU1605...
	★ F2010.UB.127.Z08.08R769M	5,000	1,500	2,500	0,315	8	7,496	8	
	★ F2010.UB.152.Z10.08R769M	6,000	1,500	2,500	0,315	10	14,551	10	
 Shell mill mount DIN 138 transverse keyway	★ F2010.UB.203.Z12.08R769M	8,000	2,500	2,500	0,315	12	21,385	12	TNMU1605...
	★ F2010.UB.254.Z12.08R769M	10,000	2,500	2,500	0,315	12	36,376	12	
	★ F2010.UB.254.Z16.08R769M	10,000	2,500	2,500	0,315	16	36,376	16	
 Shell mill mount DIN 138 transverse keyway	★ F2010.UB.305.Z18.08R769M	12,000	2,500	2,500	0,315	18	45,636	18	TNMU1605...

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

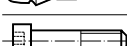
Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

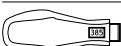
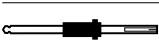
→ Good = ☹

→ Moderate = ☹

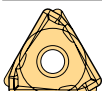
Assembly parts

	D _c [inch]	3	4	5-6	8-12
	Cartridge for tool body	FR769M	FR769M	FR769M	FR769M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 1,475 lbs	FS2079 (T9IP) 1,475 lbs	FS2079 (T9IP) 1,475 lbs	FS2079 (T9IP) 1,475 lbs
	Adjusting pin	FS303 (T20)	FS303 (T20)	FS303 (T20)	FS303 (T20)
	Clamping screw for arbour-mounted tools	FS1519	FS1565	FS1566	

Accessories

	D _c [inch]	3-12
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2013 (T9IP)
	Torque T-handle	FS2042
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1484 (T9IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P				M		K		S	
						HC				HC		HC		HC	
						WKP25S	WKP35G	WKP35S	WSP45G	WSP45G		WKP25S	WKP35G	WKP35S	WSP45G
	TN MU160508R-G27	M	6	0,031	0,063										
	TN MU160512R-G27	M	6	0,047	0,051										
	TN MU160516R-G27	M	6	0,063	0,035										
	TN MU160508R-G57	M	6	0,031	0,063										

HC = Coated carbide

D2

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = → Good = → Moderate = 

Helical milling cutters

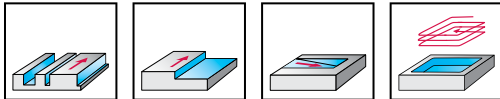
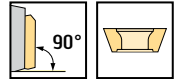
M5250 mm

BC .. 1605 .. R

Xtra-tec® XT

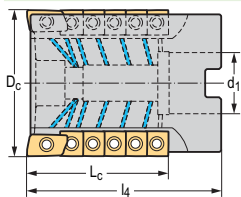


- Full effective design
- 2 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5250	●	●	●	●	●	●	●

Tool

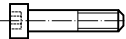


Shell mill mount DIN 138 transverse keyway

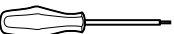
Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
★ M5250-050-B22-03-43-16	50	22	60	43	3	0,4	3 / 9	BC .. 1605 .. R SC .. 1105 ..
★ M5250-050-B22-03-62-16	50	22	80	62	3	0,53	3 / 15	
★ M5250-063-B27-04-43-16	63	27	65	43	4	0,81	4 / 12	
★ M5250-063-B27-04-62-16	63	27	85	62	4	1,05	4 / 20	
★ 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	

Bodies and assembly parts are included in the scope of delivery

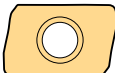
Assembly parts

	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		M		K		N		S		
					HC		HC		HC		HC	HW	HC		
					WKP35G	WKP35S	WSP45G	WSM45X	WSP45G	WKP35G	WKP35S	WXN15	WN15	WSM45X	WSP45G
	BCGT160508R-G51	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			✖	✖	✖					✖	✖
	SCGT110502-G51	G	4		✖	✖	✖		✖	✖	✖				✖
	SCHT110502-K85	H	4									☺	☺		
	SCMT110502-F55	M	4		✖	✖	✖		✖	✖	✖				✖
	SCMT110502-G55	M	4		✖	✖	✖		✖	✖	✖				✖
	SCMT110502-G55W	M	4				✖	✖	✖					✖	✖

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

Helical milling cutters

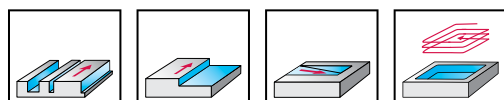
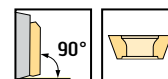
M5250 inch

BC .. 1605 .. R

Xtra-tec® XT

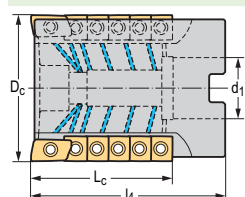


- Full effective design
- 2 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5250	●	●	●	●	●	●	●

Tool

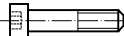


Shell mill mount DIN 138 transverse keyway

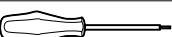
Designation	D _c inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
★ M5250.051-B19-03-62-16	2,000	0,750	3,150	2,441	3	1,305	3 / 15	BC .. 1605 .. R SC .. 1105 ..
★ M5250.051-B26-03-52-16	2,000	1,000	3,150	2,047	3	1,285	3 / 12	
★ M5250.064-B26-04-62-16	2,500	1,000	3,346	2,441	4	2,458	4 / 20	
★ M5250.076-B31-05-80-16	3,000	0,500	4,134	3,150	5	4,599	5 / 35	

Bodies and assembly parts are included in the scope of delivery

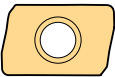
Assembly parts

	D _c [inch]	2	2,5	3
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 2,581 lbs	FS2300 (T15IP) 2,581 lbs	FS2300 (T15IP) 2,581 lbs
	Clamping screw for arbour-mounted tools	FS2673	FS1614	FS2599

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		M		K		N		S	
					WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
	BCGT160508R-G51	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	✖	✖	✖	✖	✖	✖	✖	✖	✖	✖
	SCGT110502-G51	G	4		✖	✖	✖	✖	✖	✖	✖	✖	✖	✖
	SCHT110502-K85	H	4		✖	✖	✖	✖	✖	✖	✖	✖	✖	✖
	SCMT110502-F55	M	4		✖	✖	✖	✖	✖	✖	✖	✖	✖	✖
	SCMT110502-G55	M	4		✖	✖	✖	✖	✖	✖	✖	✖	✖	✖
	SCMT110502-G55W	M	4		✖	✖	✖	✖	✖	✖	✖	✖	✖	✖

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = Ⓢ

→ Good = Ⓢ

→ Moderate = Ⓢ

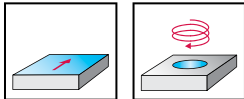
Copy milling cutters with round inserts

F2010

mm

RO . X1605M8


- Adjustable runout
- 8 cutting edges per indexable insert, with indexing surfaces



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	★ F2010.B.080.Z06.08.R770M	67	83	27	52	8	6	1,29	6	RO . X1605M8
 Shell mill mount DIN 138 transverse keyway	★ F2010.B.100.Z07.08.R770M	87	103	32	52	8	7	1,84	7	RO . X1605M8
	★ F2010.B.125.Z08.08.R770M	112	128	40	65	8	8	3,56	8	
 Shell mill mount DIN 138 transverse keyway	★ F2010.B.160.Z10.08.R770M	147	163	40	65	8	10	5,6	10	RO . X1605M8
	★ F2010.B.200.Z12.08.R770M	187	203	60	65	8	12	8,71	12	
	★ F2010.B.250.Z12.08.R770M	237	253	60	65	8	12	16,2	12	
	★ F2010.B.250.Z16.08.R770M	237	253	60	65	8	16	16,3	16	
 Shell mill mount DIN 138 transverse keyway	★ F2010.B.315.Z14.08.R770M	302	318	60	82	8	14	35	14	RO . X1605M8
	★ F2010.B.315.Z18.08.R770M	302	318	60	82	8	18	23	18	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

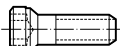
Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

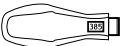
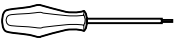
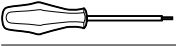
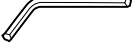
→ Good = ☹

→ Moderate = ☹

Assembly parts

	D _c [mm]	67-302
	Cartridge for tool body	FR770M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	67-302
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2015 (T20IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1486 (T20IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P					M			K					N		S			H
					HC					HC			HC					HC	HW	HC		HC	
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKP25G	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM45X	WSP45G	WHH15X
	ROGX1605M08-G88	G	8	16																			
	ROHX1605M08-A57	H	8	16																			
	ROMX1605M08-D57	M	8	16																			
	ROMX1605M08-F67	M	8	16																			
	ROMX1605M0T8-A27	M	8	16																			

HC = Coated carbide
HW = Uncoated carbide

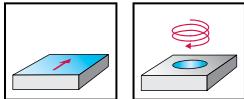
Copy milling cutters with round inserts

F2010 inch

RO . X1605M8



- Adjustable runout
- 8 cutting edges per indexable insert, with indexing surfaces



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c inch	D _a inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	★ F2010.UB.076.Z06.08R770M	2,488	3,118	1,000	2,038	0,315	6	2,513	6	RO . X1605M8
 Shell mill mount DIN 138 transverse keyway	★ F2010.UB.102.Z07.08R770M	3,488	4,118	1,250	2,083	0,315	7	5,732	7	RO . X1605M8
	★ F2010.UB.127.Z08.08R770M	4,488	5,118	1,500	2,580	0,315	8	7,496	8	
	★ F2010.UB.152.Z10.08R770M	5,488	6,079	1,500	2,580	0,315	10	13,095	10	
 Shell mill mount DIN 138 transverse keyway	★ F2010.UB.203.Z12.08R770M	7,488	8,118	2,500	2,580	0,315	12	23,942	12	RO . X1605M8
	★ F2010.UB.254.Z12.08R770M	9,488	10,118	2,500	2,580	0,315	12	40,345	12	
	★ F2010.UB.254.Z16.08R770M	9,488	10,118	2,500	2,580	0,315	16	39,066	16	
 Shell mill mount DIN 138 transverse keyway	★ F2010.UB.305.Z18.08R770M	11,488	12,118	2,500	2,580	0,315	18	48,81	18	RO . X1605M8

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

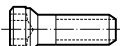
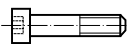
Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

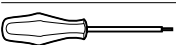
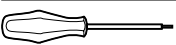
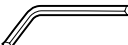
→ Good = ☹

→ Moderate = ☹

Assembly parts

	D _c [inch]	2,488	3,488	4,488–5,488	7,488–11,488
	Cartridge for tool body	FR770M	FR770M	FR770M	FR770M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 3,688 lbs	FS1495 (T20IP) 3,688 lbs	FS1495 (T20IP) 3,688 lbs	FS1495 (T20IP) 3,688 lbs
	Adjusting pin	FS303 (T20)	FS303 (T20)	FS303 (T20)	FS303 (T20)
	Clamping screw for arbour-mounted tools	FS1519	FS1565	FS1566	

Accessories

	D _c [inch]	2,488–11,488
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2015 (T20IP)
	Torque T-handle	FS2042
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1486 (T20IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d inch	P				M			K				N		S			H
					HC							HC						HC			H
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKP25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X
	ROGX1605M08-G88	G	8	0,630																	
	ROHX1605M08-A57	H	8	0,630	☺	☺	☺	☺					☺	☺	☺	☺					☺
	ROMX1605M08-D57	M	8	0,630		☺	☺	☺	☺	☺		☺	☺	☺	☺	☺			☺	☺	
	ROMX1605M08-F67	M	8	0,630					☺	☺	☺							☺	☺	☺	
	ROMX1605M0T8-A27	M	8	0,630		☺	☺	☺					☺	☺	☺	☺					

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

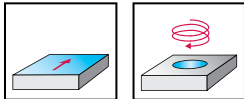
Copy milling cutters with round inserts

F2010

mm

RO . X1204M8


- Adjustable runout
- 8 cutting edges per indexable insert, with indexing surfaces



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	★ F2010.B.080.Z06.06.R771M	71	83	27	52	6	6	1,29	6	RO . X1204M8
 Shell mill mount DIN 138 transverse keyway	★ F2010.B.100.Z07.06.R771M	91	103	32	52	6	7	1,84	7	RO . X1204M8
	★ F2010.B.125.Z08.06.R771M	116	128	40	65	6	8	3,56	8	
 Shell mill mount DIN 138 transverse keyway	★ F2010.B.160.Z10.06.R771M	151	163	40	65	6	10	5,6	10	RO . X1204M8
	★ F2010.B.200.Z12.06.R771M	191	203	60	65	6	12	8,71	12	
	★ F2010.B.250.Z12.06.R771M	241	253	60	65	6	12	16,2	12	
	★ F2010.B.250.Z16.06.R771M	241	253	60	65	6	16	16,3	16	
 Shell mill mount DIN 138 transverse keyway	★ F2010.B.315.Z14.06.R771M	306	318	60	82	6	14	35	14	RO . X1204M8
	★ F2010.B.315.Z18.06.R771M	306	318	60	82	6	18	23	18	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

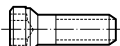
Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

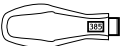
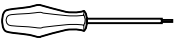
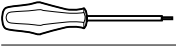
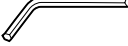
→ Good = ☹

→ Moderate = ☹

Assembly parts

	D _c [mm]	71-306
	Cartridge for tool body	FR771M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	71-306
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P					M			K					N		S		H
					HC					HC			HC					HC	HW	HC		HC
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM45X	WSP45G
	ROGX1204M08-G88	G	8	12																		
	ROHX1204M08-A57	H	8	12	☞	☞	☞	☞						☞	☞	☞	☞				☞	
	ROMX1204M08-D57	M	8	12		☞	☞	☞	☞					☞	☞	☞	☞	☞				
	ROMX1204M08-F67	M	8	12					☞	☞	☞	☞							☞	☞	☞	
	ROMX1204M0T8-A27	M	8	12		☞	☞	☞						☞	☞	☞	☞					

HC = Coated carbide
HW = Uncoated carbide

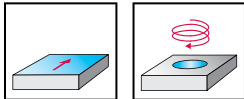
Copy milling cutters with round inserts

F2010 inch

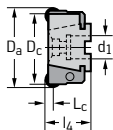
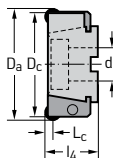
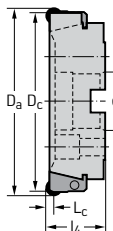
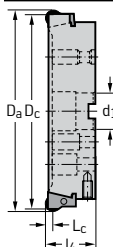
RO . X1204M8



- Adjustable runout
- 8 cutting edges per indexable insert, with indexing surfaces



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c inch	D _a inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	★ F2010.UB.076.Z06.06R771M	3,646	4,118	1,000	2,038	0,236	6	2,513	6	RO . X1204M8
 Shell mill mount DIN 138 transverse keyway	★ F2010.UB.102.Z07.06R771M	2,650	3,122	1,250	2,083	0,236	7	5,732	7	RO . X1204M8
	★ F2010.UB.127.Z08.06R771M	4,724	5,197	1,500	2,580	0,236	8	7,496	8	
	★ F2010.UB.152.Z10.06R771M	5,646	6,118	1,500	2,580	0,236	10	13,095	10	
 Shell mill mount DIN 138 transverse keyway	★ F2010.UB.203.Z12.06R771M	7,646	8,118	2,500	2,580	0,236	12	23,942	12	RO . X1204M8
	★ F2010.UB.254.Z12.06R771M	9,646	10,118	2,500	2,580	0,236	12	40,345	12	
	★ F2010.UB.254.Z16.06R771M	9,646	10,118	2,500	2,580	0,236	16	39,066	16	
 Shell mill mount DIN 138 transverse keyway	★ F2010.UB.305.Z18.06R771M	11,646	12,118	2,500	2,580	0,236	18	48,81	18	RO . X1204M8

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

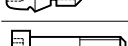
Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

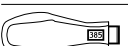
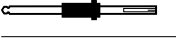
→ Good = ☹

→ Moderate = ☹

Assembly parts

	D _c [inch]	2,65	3,646	4,724–5,646	7,646–11,646
	Cartridge for tool body	FR771M	FR771M	FR771M	FR771M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 2,581 lbs	FS1453 (T15IP) 2,581 lbs	FS1453 (T15IP) 2,581 lbs	FS1453 (T15IP) 2,581 lbs
	Adjusting pin	FS303 (T20)	FS303 (T20)	FS303 (T20)	FS303 (T20)
	Clamping screw for arbour-mounted tools	FS1565	FS1519	FS1566	

Accessories

	D _c [inch]	2,65–11,646
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2042
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d inch	P				M				K				N		S			H
					HC				HC				HC				HC	HW	HC	HC		
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKP25G	WKP25S	WKP35G					WKP35S	
	ROGX1204M08-G88	G	8	0,472																		
	ROHX1204M08-A57	H	8	0,472	☺	☺	☺	☺					☺	☺	☺	☺	☺				☺	
	ROMX1204M08-D57	M	8	0,472		☺	☺	☺	☺	☺			☺	☺	☺	☺			☺	☺		
	ROMX1204M08-F67	M	8	0,472					☺	☺	☺			☺	☺	☺			☺	☺		
	ROMX1204M0T8-A27	M	8	0,472		☺	☺	☺						☺	☺	☺	☺					

HC = Coated carbide
HW = Uncoated carbide



E – Boring bars/adaptors

E1: Stationary boring bars/adaptors		Page
Stationary boring bars/adaptors	Product range overview	
	Walter Capto™ clamping units	440
	Walter Capto™ boring bars/adaptors	441
	VDI boring bars/adaptors, one-piece	443
	Machine-specific adaptors, one-piece	444
	Accure-tec vibration-damped boring bar adaptor – QuadFit	445
	Boring bars – QuadFit exchangeable head	446
E2: Rotating boring bars/adaptors		Page
Rotating boring bars/adaptors	Product range overview	
	Walter Capto™ boring bars/adaptors	448
	Walter NCT boring bars/adaptors	450
	ScrewFit adaption for front pieces	453
	ConeFit adaptors for milling cutter heads	455
	Boring bars/adaptors, one-piece – HSK, SK	456
	Accure-tec vibration-damped milling cutter adaptors	460
E2: Assembly parts and accessories – General adaptors		Page
Assembly parts and accessories – General adaptors	Product range overview	
	Assembly parts and accessories – General adaptors	462

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

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TYP2030



TYP2080



TYP3000



TYP2090

www.walter-tools.com/woc/

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	SK DIN 69871 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

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



C.-ASH



A2120-C-P



C.-ASHA



A2121-C-P

www.walter-tools.com/woc/



Walter Capto™ Adaptor – vibration damped

Designation	A3000-C
Machine-side	Walter Capto™ in acc. with ISO 26623
Tool-side	Q25 - Q50

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QR code



www.walter-tools.com/woc/

A3000-C

VDI adaptors, one-piece



Master VDI DIN 69880

VDI adaptor – DIN 69880
shank toolsVDI adaptor – DIN 69880
shank toolsVDI 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



AK135M



A2120-V-P



A2121-V-P



A2110-V-P

www.walter-tools.com/woc/

VDI adaptor – DIN 69880
parting blades

Designation	A2111-V...-P
Machine-side	VDI DIN 69880
Tool-side	26R - 32R

Page in catalogue

QR code



A2111-V-P

www.walter-tools.com/woc/

Machine-specific adaptors, one-piece



Doosan adaptor – DIN 69880
shank tools



BMT adaptor – DIN 69880
shank tools



BMT adaptor – Parting blades



Nakamura adaptor – Parting
blades

Designation	A2120-D0...-P	A2120-BT...-P	A2110-BT...-P	A2110-NA...-P
Machine-side	Doosan	BMT	BMT	Nakamura
Tool-side	25 x 25	20 x 20 - 25 x 25	26R - 32R	32R

Page in catalogue

QR code



A2120-D0-P



A2120-BT-P



A2110-BT-P



A2110-NA-P

www.walter-tools.com/woc/

Accuretec® 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



A3000



A3001



A3000-C



A3001-C

www.walter-tools.com/woc/



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

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A3000-HSK-T



A3001-HSK-T

www.walter-tools.com/woc/

Boring bars - QuadFit



Cylindrical shank - QuadFit

Designation	A2100
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Machine-side Parallel shank with clamping surface

Tool-side	Q40 - QL60
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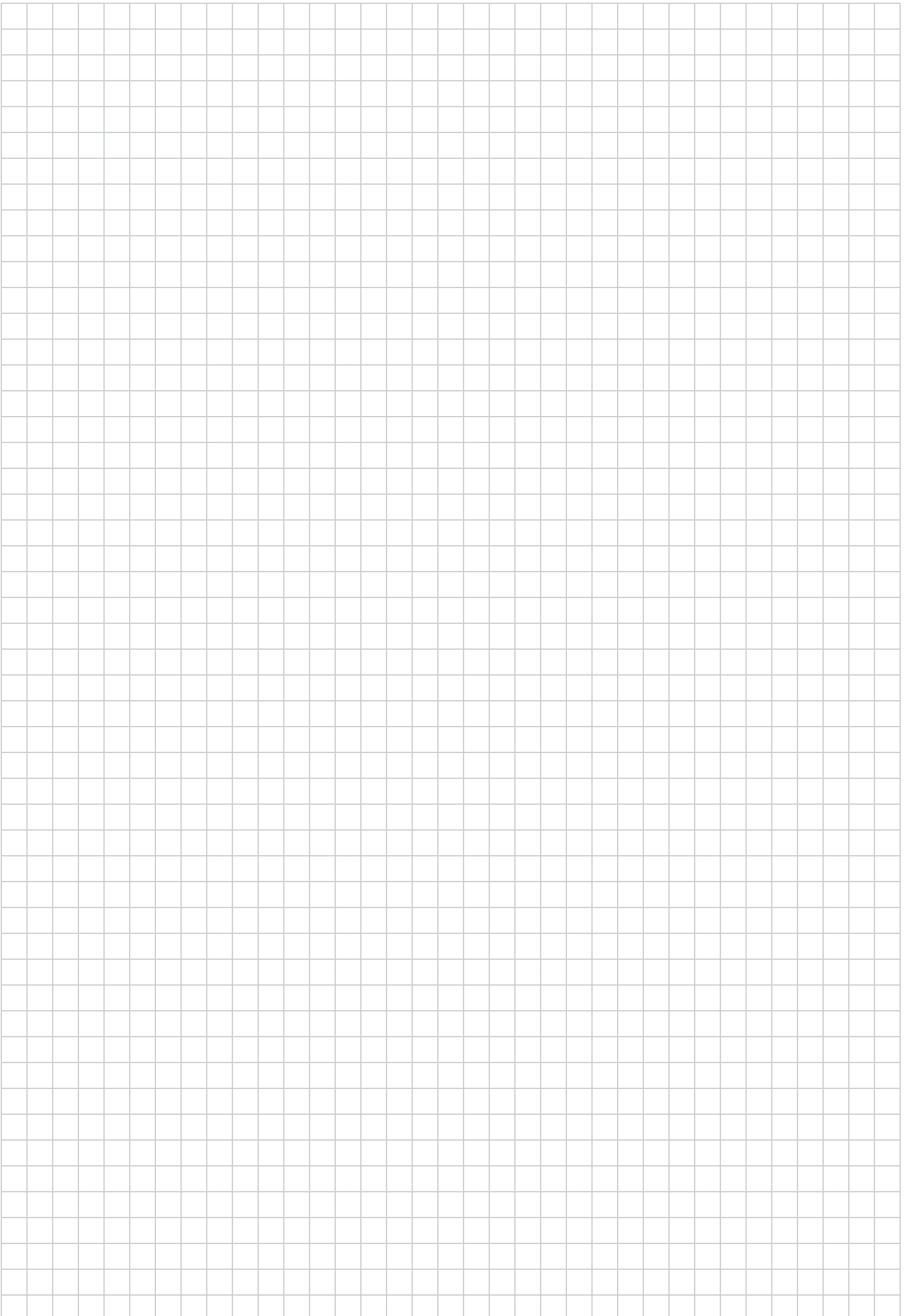
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A2100



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

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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	SK DIN 69871 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

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www.walter-tools.com/woc/

C.-390B-555

C.-A390B-45

C.-391-01

C.-391-02

Walter Capto™ adaptors



ER collet chucks



Weldon shank adaptor



Adaptor for drilling and reaming tools



Shell mill adaptor

Designation	C.-391.14	C.-391.20	C.-391.27	AK155.8.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	1 - 1 1/4	16 - 40	1 - 1 1/4

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C-391-14



C-391-20



C-391-27



AK155-8-C

www.walter-tools.com/woc/



Walter Capto™ hydraulic expansion chuck ISO 26623-1



Synchronous thread cutting adaptor



Walter Capto™ adaptor – vibration damped

Designation	AK182.C	AB035-C	AC001-C
Machine-side	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623
Tool-side	12 - 20	ER11 - ER40	16 - 40

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AK182-C



AB035-C



AC001-C

www.walter-tools.com/woc/

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	M_SKG20D _x_	SK DIN 69871	ASME B 5.50	ASME B 5.50
Tool-side	32 - 80	25 - 80	63 - 80	25 - 80

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A100M-1



A100M-2



A100M-3



A100M-U3

www.walter-tools.com/woc/


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

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A100M-4



AK200M-2



A100M-HSK



A100M-8

www.walter-tools.com/woc/

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

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A101M



A102M



A175



A150M

www.walter-tools.com/woc/



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	1 - 1 1/4	10 - 40

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A155M



AK155M



AK155M-U0



A170M

www.walter-tools.com/woc/

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

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A170M-EX



A201M



AK300M



A305

www.walter-tools.com/woc/


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

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A320M



AB035-N

www.walter-tools.com/woc/

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

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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	T09 - T45	T18 - T45

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www.walter-tools.com/woc/

AK512

AK520

AK530

AK531

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	SK DIN 69871 AD/B	Walter Capto™ in acc. with ISO 26623	ScrewFit
Tool-side	T09 - T45	T18 - T45	T14 - T45	ER11 - ER25

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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

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www.walter-tools.com/woc/

AC060-C

AC060-H

AC060-S

AC060-J

ConeFit adaptors for milling cutter heads



DIN 6535 HA adaptor



DIN 69893-1 A adaptor



Walter Capto™ adaptor

Designation	AK610	AK631	AK681
Machine-side	Cylindrical shank	HSK DIN 69893-1 A	Walter Capto™ in acc. with ISO 26623
Tool-side	E10 - E25	E10 - E25	E10 - E25

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www.walter-tools.com/woc/

AK610

AK631

AK681

Adaptors, one-piece – HSK, SK



DIN 69893-1 A shell mill arbor



DIN 69893-1 A shell mill arbor



HSK adaptor – Vibration-damped



DIN 69893-1 A Weldon adaptor

Designation	A155...HSK	AK155...HSK	AC001-H	A170...HSK
Machine-side	HSK DIN 69893-1 A	HSK DIN 69893-1 A	HSK DIN 69893-1 A	HSK DIN 69893-1 A
Tool-side	22 - 60	16 - 40	16 - 40	6 - 40

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A155-HSK



AK155-HSK



AC001-H



A170-HSK

www.walter-tools.com/woc/


DIN 69893-1 A shrink-fit adaptor



DIN 69893-1 A hydraulic expansion chuck



DIN 69893-1 A slim hydraulic expansion chuck



DIN 69893-1 A ER collet chuck

Designation	A560.H	AK182.H	AB019-H	AK300...HSK
Machine-side	HSK DIN 69893-1 A	HSK DIN 69893-1 A	HSK DIN 69893-1 A	HSK DIN 69893-1 A
Tool-side	5 - 25	12 - 32	6 - 20	ER16 - ER40

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A560-H



AK182-H



AB019-H



AK300-HSK

www.walter-tools.com/woc/

Adaptors, one-piece – HSK, SK



Synchronous thread cutting
adaptor



Synchronous thread cutting
adaptor



DIN69871-A shell mill arbor



DIN 69871 AD/B shell mill
arbor

Designation	AB035-H	AB035-W	A155.S	AK155.S
Machine-side	HSK DIN 69893-1 A	DIN 6535 HE, turned 180° DIN 6535 HB	SK DIN 69871 AD/B	SK DIN 69871 AD/B
Tool-side	ER20 - ER40	ER11 - ER25	22 - 60	16 - 32

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AB035-H



AB035-W



A155-S



AK155-S

www.walter-tools.com/woc/



SK adaptor – Vibration-
damped



MAS-BT JIS B 6339 shell mill
arbor



MAS-BT JIS B 6339 shell mill
arbor



MAS-BT adaptor – Vibration-
damped

Designation	AC001-S	A155.BT	AK155.BT	AC001-J
Machine-side	SK DIN 69871 AD/B	JIS B 6339	JIS B 6339	JIS B 6339 AD/B
Tool-side	16 - 40	16 - 60	16 - 32	16 - 40

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AC001-S



A155-BT



AK155-BT



AC001-J

www.walter-tools.com/woc/

Adaptors, one-piece – HSK, SK



ASME B5.50 shell end milling
cutter arbor



CAT-V adaptor – Vibration-
damped



DIN 69871 AD/B Weldon
adaptor



MAS-BT JIS B 6339 Weldon
adaptor

Designation	AB001.K	AC001.K	AK170.S	AK170.BT
Machine-side	ASME B 5.50	ASME B 5.50	SK DIN 69871 AD/B	JIS B 6339
Tool-side	1 - 2 1/2	1 - 1 1/2	6 - 40	6 - 40

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AB001-K



AC001-K



AK170-S



AK170-BT

www.walter-tools.com/woc/



ASME B5.50 Weldon shank
adaptor



DIN 69871 hydraulic expansion
chuck



MAS-BT JIS B 6339 hydraulic
expansion chuck



ASME B5.50 hydraulic
expansion chuck

Designation	AB044.K	AK182.S	AK182.BT	AK182.CAT
Machine-side	ASME B 5.50	SK DIN 69871 AD/B	JIS B 6339	ASME B 5.50
Tool-side	1 - 1 1/4	12 - 32	12 - 32	20 - 32

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AB044-K



AK182-S



AK182-BT



AK182-CAT

www.walter-tools.com/woc/

Adaptors, one-piece – HSK, SK



DIN 69871 A ER collet chuck



MAS-BT JIS B 6339 ER collet chuck



ASME B5.50 ER collet chuck



Synchronous thread cutting adaptor

Designation	AK300.S	AK300.BT	AB009.K	AB035-S
Machine-side	M_SKG10 _x_	M_SKG50 _x_	ASME B 5.50	SK DIN 69871
Tool-side	ER16 - ER40	ER16 - ER40	ER16 - ER40	ER20 - ER40

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AK300-S



AK300-BT



AB009-K



AB035-S

www.walter-tools.com/woc/


Synchronous thread cutting adaptor

Designation	AB035-J
Machine-side	JIS B 6339
Tool-side	ER11 - ER40

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AB035-J

www.walter-tools.com/woc/

Accuretec® vibration-damped mill-cut adapters



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

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AC001-C



AC001-H



AC001-S



AC001-J

www.walter-tools.com/woc/



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

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AC001-K



AC060-C



AC060-H



AC060-S

www.walter-tools.com/woc/

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

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www.walter-tools.com/woc/

AC060-J

General information – Adaptors



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

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A2140-W



FS



SL



C330

www.walter-tools.com/woc/


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

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C340



GL00



A331



AB735-ER

www.walter-tools.com/woc/

General information – Adaptors



Synchronised quick-change collet

Designation	AB735-ER-R
Machine-side	Tap adapter SES
Tool-side	10.00 x 8.00 - 9.00 x 7.00

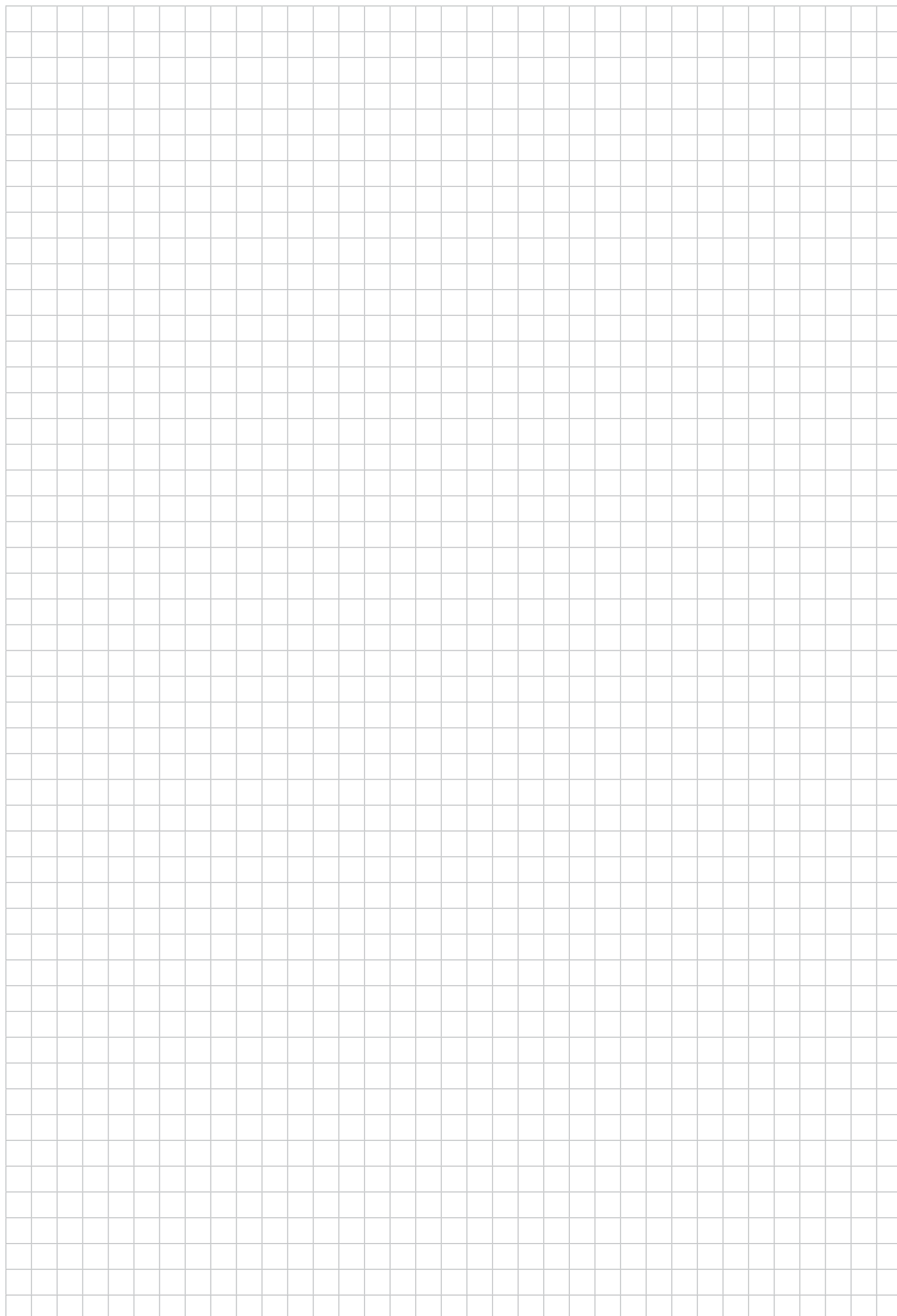
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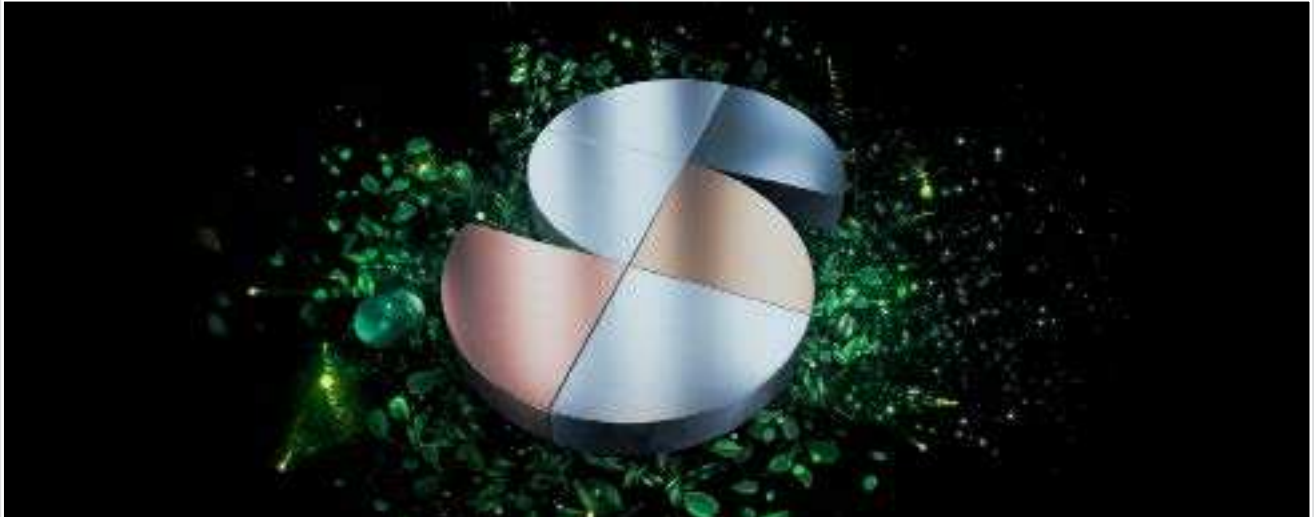
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AB735-ER-R





Sustainable products and services – certified and transparent

Walter is a company that takes responsibility for people and the environment. Sustainability is a central component of our corporate strategy. It pervades our products and business divisions and is reviewed and certified by independent third parties on a regular basis.

Proven to be produced to high standards

All processes, procedures, methods and instruments that we use are checked and certified by an independent body according to strict criteria. Occupational health and safety, quality assurance and environmentally friendly actions (e.g. through CO₂ compensation of our energy use) are examples of this. Our social commitment shows that Walter has a broader definition of responsibility.

Transparency throughout the entire process chain – for your peace of mind

The integrated management system at Walter includes the sustainable use of resources and production equipment as well as of people – our customers, partners and employees. So that you can count on all of our products meeting these requirements throughout the entire process chain, we apply our own benchmarks to our suppliers too.

Certification

The integrated management system at Walter includes certification in accordance with:

- ISO 9001 (Quality management)
- ISO 14001 (Environmental management)
- ISO 45001 (Occupational health and safety management)
- ISO 50001 (Energy management)
- Certified according to Ecovadis Gold Standard and NQC rating



You can find more information on Walter certification here:



Occupational health and safety

Walter protects its employees against health hazards. To prevent accidents, we continuously review our processes and take proactive measures as a precaution.



Environmental and energy management

Environmental protection is an important company objective for Walter. We use energy efficiently and deploy practical methods to sustainably reduce the consumption of energy, water and resources.



Quality management

Walter is continuously improving its products and processes. We ensure our product quality using effective measures and procedures – and check it on a regular basis with our comprehensive quality management system.

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