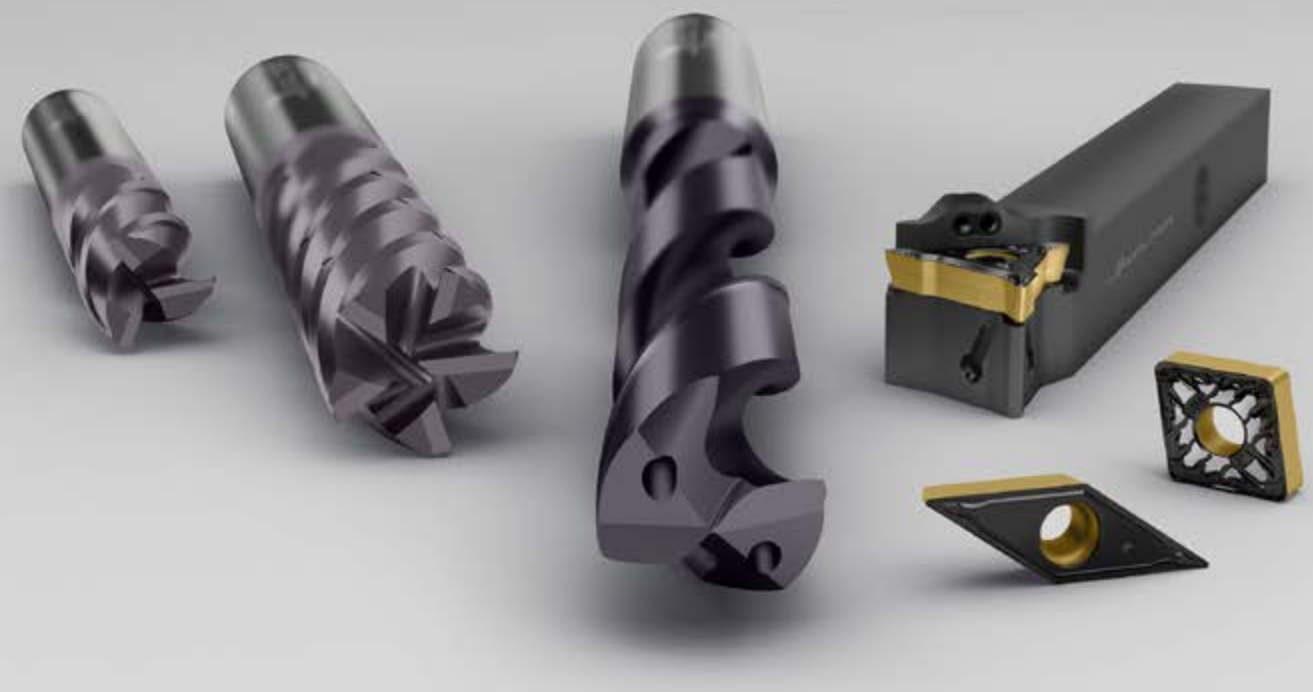
WALTER
Engineering Kompetenz

Turning, drilling, milling, threading, adaptors

Catalogue
Edition 2023-1

_ SOLUTIONS THAT POINT THE WAY

Walter Range and Innovations 2023



How to find and order your tool solution:

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

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

At walter-tools.com, you can access and order your Walter products quickly and conveniently online – via smartphone, tablet or PC.
The benefit for you: Direct access from any device, displayed in an optimised form, at any time.

Walter online catalogue



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

Walter GPS



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

Walter Innotime®



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

Digital ordering methods

TOOL:SHOP

EDI B2B

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

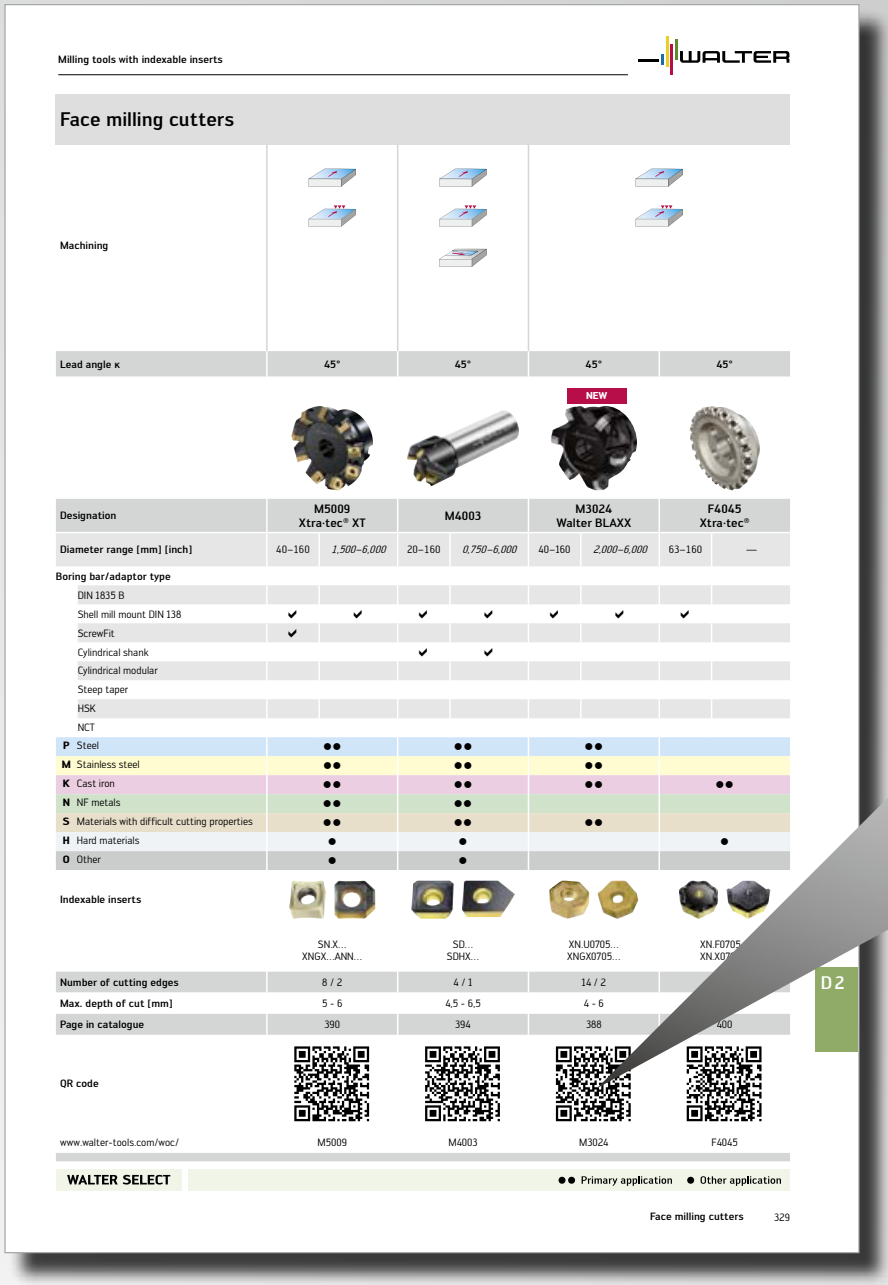
Walter Range and Innovations 2023

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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

WALTER

Face milling cutters

Machining								
Lead angle κ	45°		45°		45°		45°	
					NEW			
Designation	M5009 Xtra·tec® XT		M4003		M3024 Walter BLAXX		F4045 Xtra·tec®	
Diameter range [mm] [inch]	40–160	*1,500–6,000*	20–160	*0,750–6,000*	40–160	*2,000–6,000*	63–160	—
Boring bar/adaptor type								
DIN 1835 B								
Shell mill mount DIN 138	✔	✔	✔	✔	✔	✔	✔	
ScrewFit	✔							
Cylindrical shank			✔	✔				
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●			
M Stainless steel	●●		●●		●●			
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●					
S Materials with difficult cutting properties	●●		●●		●●			
H Hard materials	●		●				●	
O Other	●		●					
Indexable inserts	SN.X... XNGX...ANN...		SD... SDHX...		XN.U0705... XNGX0705...		XN.F0705 XN.X0	
Number of cutting edges	8 / 2		4 / 1		14 / 2			
Max. depth of cut [mm]	5 - 6		4,5 - 6,5		4 - 6			
Page in catalogue	390		394		388		400	
QR code								
www.walter-tools.com/woc/	M5009		M4003		M3024		F4045	

WALTER SELECT ●● Primary application ● Other application

Face milling cutters 329

D2

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.

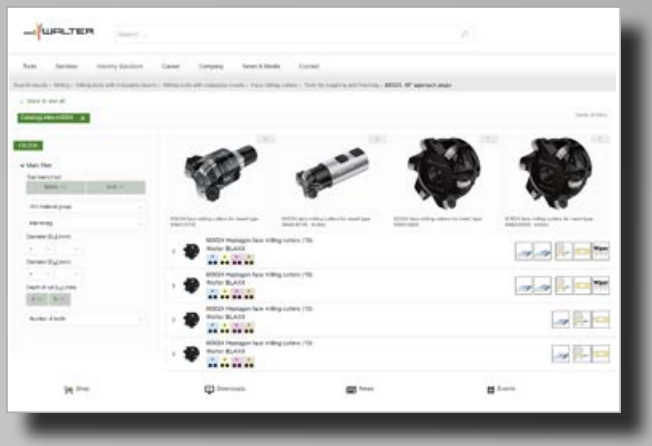
NEW Tools with this icon are product innovations and are displayed in this way in the product range overviews.

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

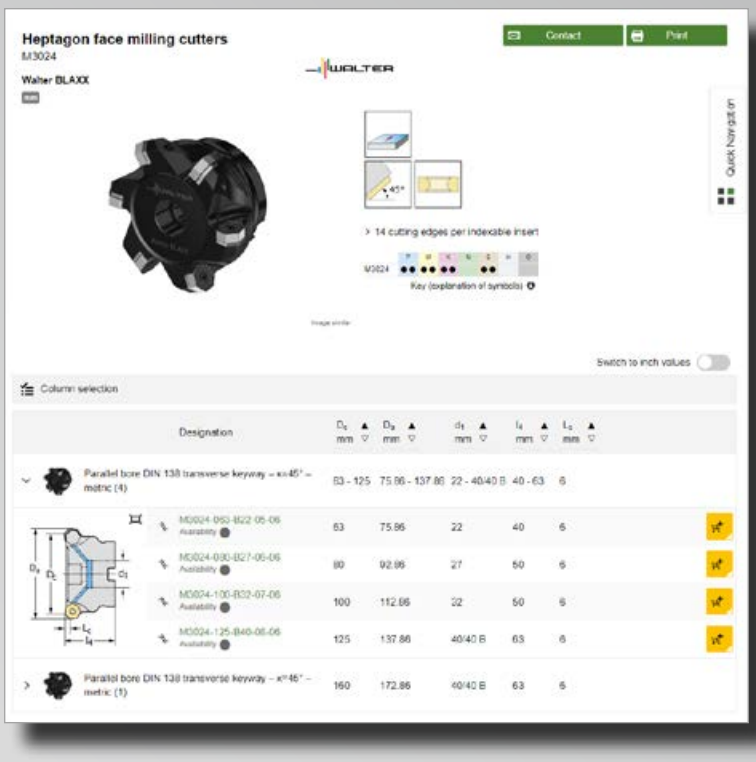
As well as scanning the QR code, you can also type the link directly into your browser:

*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.



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.

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.

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 CO_2 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 CO_2 emissions through Walter Green.

X·treme Evo

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

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

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

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

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

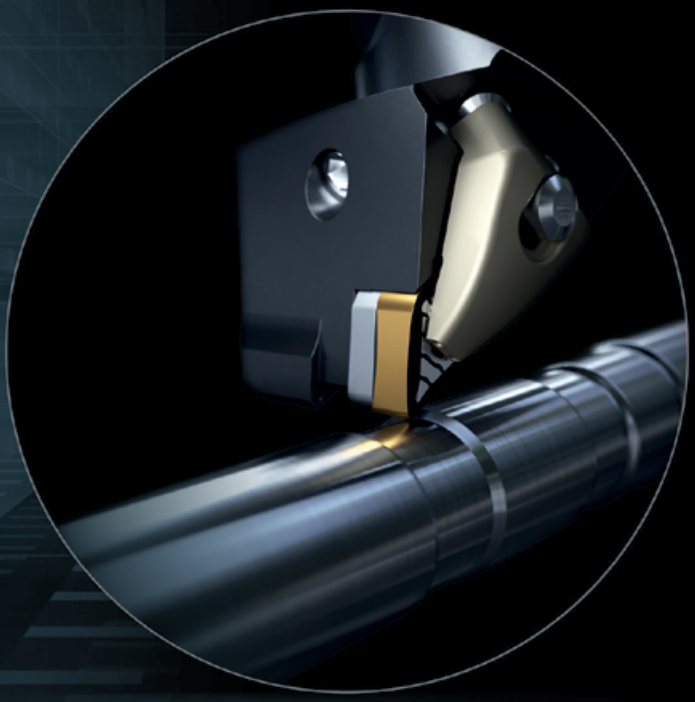
In turning and grooving operations, the Walter precision cooling system provides cooling at the centre of the chip formation. Its dual coolant jets are directed precisely onto the flank and rake faces. In drilling operations, the coolant jets exit close to the cutting edge. This system provides significantly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

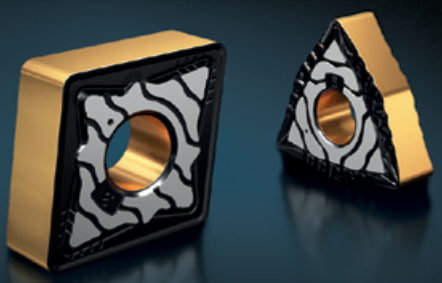
"Flash" refers to specialised solid carbide milling cutters for high-feed milling. Their end-face geometry reduces the chip thickness "h" and therefore enables an extremely high feed per tooth. Forces that occur are diverted axially towards the centre of the tool, which helps to stabilise the machining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

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

Tiger·tec® Gold







tigertec-gold.walter

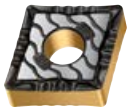
WALTER
Engineering Kompetenz

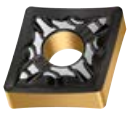
A – Turning

A1: ISO turning

		Page
Indexable inserts	Product range overview	
	ISO indexable inserts – Negative basic shape	10
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	Inserts copy turning system – WL	16
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	Order pages	
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Walter Turn turning tools – External machining	Product range overview	
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ISO indexable inserts – Negative basic shape

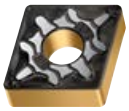
Machining	Finishing operation				Medium machining
	Selection			Selection	Selection
	 Wiper				 Wiper
Geometry	**FW5**	**FM5**	**NFT**	**FP5**	**MW5**
Indexable inserts basic shape	C, D, T, W	C, D, S, T, V, W	C, D, V	C, D, S, T, V, W	C, D, T, W
P Steel	●●	●		●●	●●
M Stainless steel	●●	●●	●		●●
K Cast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

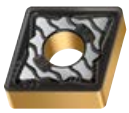
Machining	Medium machining				
			Selection		Selection
					
Geometry	**MN3**	**NMS**	**MS3**	**NMT**	**MP3**
Indexable inserts basic shape	C, D, V, W	C, D, S, T, V, W	C, D, T, V, W	C, D, W	C, D, S, T, V, W
P Steel	●		●	●●	●●
M Stainless steel	●	●	●		
K Cast iron					●
N NF metals	●●		●		
S Materials 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			A 20		A 20
QR code					
www.walter-tools.com/woc/	MN3	NMS	MS3	NMT	MP3

WALTER SELECT

●● Primary application ● Other application

ISO indexable inserts – Negative basic shape

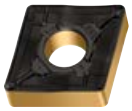
Machining	Medium machining				Roughing
		Selection 	Selection 		
Geometry	**MM5**	**MP5**	**MU5**	**MK5**	**NRS**
Indexable inserts basic shape	C, D, S, T, V, W	C, D, S, T, V, W	C, D, S, T, W	C, D, S, T, V, W	C, D, S, T, W
P Steel	●	●●	●●	●	
M Stainless steel	●●		●●		●
K Cast iron		●	●	●●	
N NF metals					
S Materials with difficult cutting properties	●●		●		●●
H Hard materials					
O Other					
a_p [mm]	0,5–4,5	0,5–8,0	0,5–7,0	0,2–8,0	0,8–9,0
f [mm]	0,10–0,45	0,10–0,55	0,15–0,55	0,10–0,80	0,13–0,60
Page in catalogue		A 20	A 20		
QR code					
www.walter-tools.com/woc/	MM5	MP5	MU5	MK5	NRS

Machining	Roughing				
		Selection 	Selection 	Selection 	
Geometry	**NRT**	**RM5**	**RP5**	**RP7**	**RK5**
Indexable inserts basic shape	C, S	C, D, S, T, W	C, D, R, S, T, W	C, S, T, W	C, D, R, S, T, V, W
P Steel			●●	●●	
M Stainless steel		●●	●		
K Cast iron			●	●●	●●
N NF metals					
S Materials with difficult cutting properties	●●	●●			
H Hard materials					●
O Other					
a_p [mm]	0,8–9,0	1,2–8,0	0,8–13,0	0,8–10,0	0,6–8,0
f [mm]	0,18–0,80	0,20–0,80	0,15–1,20	0,18–1,00	0,15–0,90
Page in catalogue		A 20	A 20	A 20	
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**	**NRF**	**HU5**	**HU7**
Indexable inserts basic shape	C, D, S, T, W	C, D, S, T, W	C, D	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	1,2–9,0	1,0–12,0	1,5–17,0
f [mm]	0,20–0,80	0,25–1,20	0,35–0,90	0,25–1,20	0,40–1,60
Page in catalogue		**A 20**		**A 20**	**A 20**
QR code					
www.walter-tools.com/woc/	RK7	HU3	NRF	HU5	HU7

WALTER SELECT

●● Primary application ● Other application

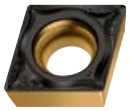
Positive basic shape 5°/7°/11° – Carbide

Machining	Finishing operation				
	Selection	Selection			
	 Wiper				
Geometry	**FW4**	**FL2**	**FN2**	**FM2**	**FP2**
Indexable inserts basic shape	C, D, T	C, D, V	C, D, S, T, V, W	C, D, S, T, V, W	C, D, T, V
P Steel	●●	●●	●	●●	●●
M Stainless steel	●●	●●	●	●●	●●
K Cast iron	●●		●	●	●●
N NF metals			●●	●●	●
S Materials with difficult cutting properties	●	●	●	●●	●
H Hard materials					
O Other			●		
a_p [mm]	0,1–2,5	0,1–1,5	0,12–3,5	0,1–3,5	0,1–3,0
f [mm]	0,03–0,50	0,04–0,20	0,02–0,30	0,02–0,30	0,01–0,30
Page in catalogue	A 32	A 32			
QR code					
www.walter-tools.com/woc/	FW4	FL2	FN2	FM2	FP2

Machining	Finishing operation				
		Selection			Selection
					
Geometry	**FM4**	**FP4**	**PF4**	**FM6**	**FP6**
Indexable inserts basic shape	C, D, R, S, T, V, W	C, D, R, S, T, V, W	C, D, V	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]	0,1–5,0	0,1–5,0	0,1–1,5	0,3–2,5	0,3–2,5
f [mm]	0,02–0,40	0,02–0,40	0,04–0,20	0,08–0,32	0,06–0,32
Page in catalogue		A 32			A 32
QR code					
www.walter-tools.com/woc/	FM4	FP4	PF4	FM6	FP6

WALTER SELECT ●● Primary application ● Other application

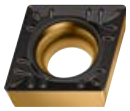
Positive basic shape 5°/7°/11° – Carbide

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		A 32			A 32
QR code					
www.walter-tools.com/woc/	FK6	MW4	MN2	MM4	MP4

Machining	Medium machining				Roughing
		Selection	Selection	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		A 32	A 41	A 41	
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
	Selection			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	**A 32**			**A 36**
QR code				
www.walter-tools.com/woc/	RP4	RK4	RK6	HU6

WALTER SELECT

●● Primary application ● Other application

Inserts copy turning system – WL

Machining	Finishing operation		Medium machining		
	Selection 	Selection 	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	0,1–2,5	0,5–2,5
f [mm]	0,04–0,25	0,05–0,25	0,08–0,40	0,05–0,40	0,12–0,45
Page in catalogue	**A 44**	**A 44**	**A 44**	**A 44**	**A 45**
QR code					
www.walter-tools.com/woc/	FM4	FP4	MM4	MP4	MU6

WALTER SELECT ●● Primary application ● Other application

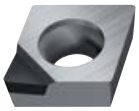
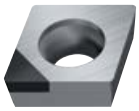
ISO indexable inserts – CBN/PCD/ceramic

Machining	Finishing operation				
			 Wiper	Selection 	Selection  Chipbreaker
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				**A 46**	**A 46**
QR code					
www.walter-tools.com/woc/	EM	TS	TS-MW	TM	TM-M

Machining	Finishing operation		Finishing operation	Medium machining	
	Selection  Wiper			Selection 	Selection 
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	**A 46**			**A 51**	**A 50**
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

Machining	Roughing	Finishing operation			
					
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

Machining	Medium machining	Roughing
		
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

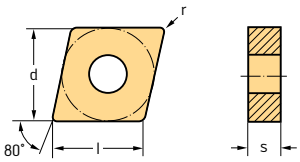
Inserts copy turning system – WL CBN

Machining	Medium machining
	Selection
	
Geometry	**TM**
Indexable inserts basic shape	WL
P Steel	
M Stainless steel	
K Cast iron	
N NF metals	
S Materials with difficult cutting properties	
H Hard materials	●●
O Other	
a_p [mm]	0,1–2,5
f [mm]	0,02–0,50
Page in catalogue	**A 52**
QR code	
www.walter-tools.com/woc/	TM

WALTER SELECT

●● Primary application ● Other application

Negative rhombic 80°
CNMG / CNMM
Tiger·tec® Gold



Indexable inserts

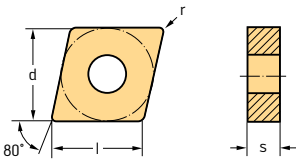
	Designation	l mm	r mm	f mm	a_p mm	P HC WKP01G	P HC WMP20S	P HC WPP05G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	M HC WMP20S	M HC WSM01	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKK10S	K HC WKK20S	K HC WKP01G	S HC WSM01	S HC WSM10S	S HC WSM20S	S HC WSM30S	HW WS10
 Wiper	CNMG120404-FW5	12,9	0,4	0,10–0,40	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				☺	☺															
 Wiper	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					☺			😐	☺	☺	😐					☺	☺	😐		
	CNMG190612-MS3	19,34	1,2	0,18–0,50	1,2–5,0									☺		😐					☺		😐		
	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		😐	☺	☺	☺			😐			😐							😐		
	CNMG160616-MU5	16,12	1,6	0,35–0,55	1,2–7,0			☺	☺	☺															
	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		😐		☺	☺			😐		☺	😐	😵					☺	😐	😵	
	CNMG120416-RM5	12,9	1,6	0,30–0,55	2,0–5,0											😐	😵						😐	😵	
	CNMG160608-RM5	16,12	0,8	0,22–0,45	1,2–7,0										☺	😐	😵					☺	😐	😵	
	CNMG160612-RM5	16,12	1,2	0,25–0,60	1,5–7,0		😐						😐		☺	😐	😵					☺	😐	😵	
	CNMG160616-RM5	16,12	1,6	0,30–0,65	2,0–7,0											😐	😵						😐	😵	
	CNMG190612-RM5	19,34	1,2	0,25–0,60	1,5–8,0		😐						😐		☺	😐	😵					☺	😐	😵	
	CNMG190616-RM5	19,34	1,6	0,30–0,80	2,0–8,0											😐	😵						😐	😵	

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

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

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

Negative rhombic 80°
CNMG / CNMM
Tiger·tec® Gold



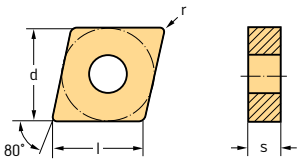
Indexable inserts

	Designation	l mm	r mm	f mm	a_p mm	P							M					K			S					HW
								HC				HE		HC					HC				HC				
						WKP01G	WMP20S	WPP05G	WPP10G	WPP20G	WPP30G	WEP10C	WMP20S	WSM01	WSM10S	WSM20S	WSM30S	WKK10S	WKK20S	WKP01G	WSM01	WSM10S	WSM20S	WSM30S	WS10
	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
HW = Uncoated carbide

Negative rhombic 80°
CNMG / CNMM
Tiger·tec® Gold



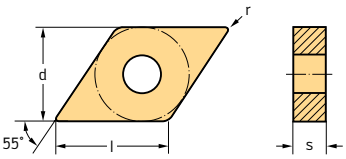
Indexable inserts

	Designation	l mm	r mm	f mm	a_p mm	P HC WKP01G	P HC WMP20S	P HC WPP05G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	M HC WMP20S	M HC WSM01	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKK10S	K HC WKK20S	K HC WKP01G	S HC WSM01	S HC WSM10S	S HC WSM20S	S HC WSM30S	S HW WS10
	CNMM120412-HU7	12,9	1,2	0,40–0,80	1,5–8,0				☺	😐															
	CNMM160612-HU7	16,12	1,2	0,50–0,90	2,0–10,0				☺	😐	☹														
	CNMM160616-HU7	16,12	1,6	0,50–1,10	2,0–10,0				☺	😐															
	CNMM160624-HU7	16,12	2,4	0,50–1,30	2,0–10,0				☺	😐															
	CNMM190612-HU7	19,34	1,2	0,50–0,90	2,0–13,0				☺	😐	☹														
	CNMM190616-HU7	19,34	1,6	0,50–1,10	2,0–13,0				☺	😐	☹														
	CNMM190624-HU7	19,34	2,4	0,60–1,60	3,0–13,0				☺	😐	☹														
	CNMM250924-HU7	25,79	2,4	0,60–1,60	3,0–17,0					😐	☹														

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

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

Negative rhombic 55°
DNMG / DNMM
Tiger·tec® Gold



Indexable inserts

	Designation	l mm	r mm	f mm	a_p mm	P HC WKP01G	P HC WMP20S	P HC WPP05G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	M HC WMP20S	M HC WSM01	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKK10S	K HC WKK20S	K HC WKP01G	S HC WSM01	S HC WSM10S	S HC WSM20S	S HC WSM30S
	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	☺			☺	😐					☺	😐				☺		☺	😐	

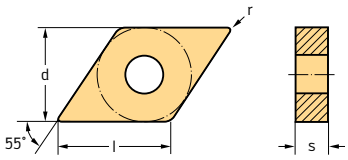
Wiper

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



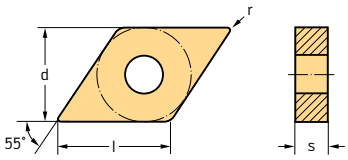
Indexable inserts

	Designation	l mm	r mm	f mm	a_p mm	P HC WKP01G	P HC WMP20S	P HC WPP05G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	M HC WMP20S	M HC WSM01	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKK10S	K HC WKK20S	K HC WKP01G	S HC WSM01	S HC WSM10S	S HC WSM20S	S HC WSM30S
	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	●			●	●		●								●				
 Wiper	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					●			●	●	●						●	●		
	DNMG150404-MS3	15,5	0,4	0,12–0,25	0,6–2,5									●	●						●	●		
	DNMG150408-MS3	15,5	0,8	0,15–0,30	0,8–2,5									●	●						●	●		
	DNMG150604-MS3	15,5	0,4	0,12–0,25	0,6–2,5									●	●						●	●		
	DNMG150608-MS3	15,5	0,8	0,15–0,30	0,8–2,5					●			●	●	●						●	●		
	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		●		●	●			●			●							●	

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



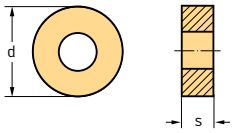
Indexable inserts

	Designation	l mm	r mm	f mm	a_p mm	P HC WKP01G	P HC WMP20S	P HC WPP05G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	M HC WMP20S	M HC WSM01	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKK10S	K HC WKK20S	K HC WKP01G	S HC WSM01	S HC WSM10S	S HC WSM20S	S HC WSM30S
	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			☺	●	●														
	DNMM150608-HU5	15,5	0,8	0,25–0,45	1,0–5,0		●			●			●			●	●						●	●
	DNMM150612-HU5	15,5	1,2	0,30–0,50	1,5–5,0		●			●			●			●	●						●	●

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

HC = Coated carbide
HE = Coated cermet

Negative round
RNMG
Tiger·tec® Gold



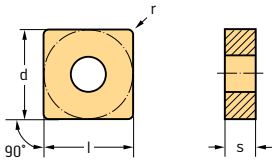
Indexable inserts

	Designation	d mm	f mm	a_p mm	P HC WPP20G	S HW WS10
	RNMG120400-RP5	12,7	0,20–0,60	1,2–5,0	😐	😊

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

HC = Coated carbide
HW = Uncoated carbide

Negative square
SNMG / SNMM
Tiger·tec® Gold



Indexable inserts

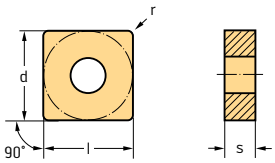
	Designation	r mm	f mm	a_p mm	P HC WMP20S	P HC WPP05G	P HC WPP10G	P HC WPP20G	P HC WPP30G	M HC WMP20S	M HC WSM20S	M HC WSM30S	S HC WSM20S	S HC WSM30S
	SNMG090308-FP5	0,8	0,06–0,20	0,2–1,5			😊	😐						
	SNMG120404-FP5	0,4	0,04–0,22	0,1–1,8			😊	😐						
	SNMG120408-FP5	0,8	0,08–0,25	0,2–2,0			😊	😐						
	SNMG120412-FP5	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	0,6–5,0		😟	😊	😐	😣					
	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	😐		😊	😐		😐	😐		😐	

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



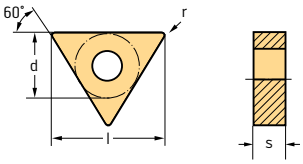
Indexable inserts

	Designation	r mm	f mm	a_p mm	P HC WMP20S	P HC WPP05G	P HC WPP10G	P HC WPP20G	P HC WPP30G	M HC WMP20S	M HC WSM20S	M HC WSM30S	S HC WSM20S	S HC WSM30S
	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				☻						
	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 HC WKP01G	P HC WMP20S	P HC WPP05G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	M HC WMP20S	M HC WSM01	M HC WSM10S	M HC WSM20S	K HC WKK10S	K HC WKK20S	K HC WKP01G	S HC WSM01	S HC WSM10S	S HC WSM20S
 Wiper	TNMG160404-FW5	0,4	0,10–0,40	0,3–3,0				☺	😐					☺	😐					☺	😐
	TNMG160408-FW5	0,8	0,15–0,50	0,4–3,0				☺	😐					☺	😐					☺	😐
	TNMG110304-FP5	0,4	0,04–0,15	0,1–1,2				☺													
	TNMG110308-FP5	0,8	0,08–0,20	0,2–1,5				☺													
	TNMG160404-FP5	0,4	0,04–0,20	0,1–1,5	☹			☺	😐		☺							☹			
	TNMG160408-FP5	0,8	0,08–0,25	0,2–2,0	☹			☺	😐		☺							☹			
	TNMG160412-FP5	1,2	0,10–0,25	0,5–2,5				☺	😐												
	TNMG160404-MS3	0,4	0,12–0,25	0,6–3,0					😐				☺						☺		
	TNMG160408-MS3	0,8	0,15–0,30	0,8–3,0					😐				☺	☺					☺	☺	
	TNMG220404-MS3	0,4	0,12–0,25	0,6–3,0					😐				☺						☺		
	TNMG220408-MS3	0,8	0,15–0,30	0,8–3,0					😐				☺	☺					☺	☺	
 Wiper	TNMG160408-MW5	0,8	0,15–0,55	0,8–4,0				☺	😐							☺	😐				
	TNMG160412-MW5	1,2	0,20–0,65	1,5–4,0				☺	😐							☺	😐				
	TNMG110304-MP3	0,4	0,06–0,18	0,3–2,0				☺	😐												
	TNMG110308-MP3	0,8	0,10–0,25	0,6–2,2				☺	😐												
	TNMG160304-MP3	0,4	0,08–0,22	0,3–2,2					😐												
	TNMG160404-MP3	0,4	0,08–0,22	0,3–2,2				☺	😐	☹											
	TNMG160408-MP3	0,8	0,12–0,32	0,6–3,0				☺	😐	☹											
	TNMG160412-MP3	1,2	0,16–0,40	0,8–3,2				☺	😐	☹											
	TNMG220408-MP3	0,8	0,12–0,32	0,6–3,2				☺	😐												
	TNMG220412-MP3	1,2	0,16–0,40	0,8–3,5				☺	😐												
	TNMG160308-MP5	0,8	0,18–0,35	0,6–4,0					😐												
	TNMG160404-MP5	0,4	0,16–0,25	0,5–4,0				☺	😐	☹											
	TNMG160408-MP5	0,8	0,18–0,35	0,6–4,0			☹	☺	😐	☹											
	TNMG160412-MP5	1,2	0,20–0,40	1,0–4,0				☺	😐	☹											
	TNMG220404-MP5	0,4	0,16–0,25	0,7–4,0				☺	😐												
	TNMG220408-MP5	0,8	0,18–0,35	0,8–5,0				☺	😐	☹											
	TNMG220412-MP5	1,2	0,20–0,40	1,0–5,0				☺	😐	☹											
	TNMG220416-MP5	1,6	0,25–0,45	1,2–5,0				☺	😐												
	TNMG270608-MP5	0,8	0,25–0,45	0,8–7,0					😐												
	TNMG270612-MP5	1,2	0,30–0,50	1,0–7,0				☺	😐	☹											
	TNMG270616-MP5	1,6	0,35–0,55	1,2–7,0					😐												
	TNMG160404-MU5	0,4	0,15–0,30	0,5–4,0		😐		☺	😐			😐			😐						😐
	TNMG160408-MU5	0,8	0,18–0,35	0,6–4,0		😐	☹	☺	😐			😐			😐						😐
	TNMG160412-MU5	1,2	0,20–0,45	1,0–4,0		😐	☹	☺	😐			😐			😐						😐

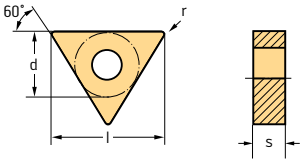
See the ISO 1832 designation key for dimensions
Ordering example for the grade WPP10G: TNMG160404-FW5 WPP10G

HC = Coated carbide
HE = Coated cermet

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

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

Negative triangular 60°
TNMG / TNMM
Tiger·tec® Gold



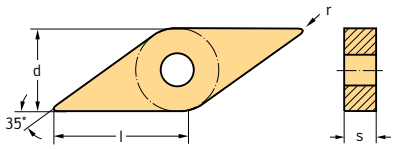
Indexable inserts

	Designation	r mm	f mm	a_p mm	P HC WKP01G	P HC WMP20S	P HC WPP05G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	M HC WMP20S	M HC WSM01	M HC WSM10S	M HC WSM20S	K HC WKK10S	K HC WKK20S	K HC WKP01G	S HC WSM01	S HC WSM10S	S HC WSM20S
	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 HC WKP01G	P HC WPP05G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	K HC 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			☺	😐			

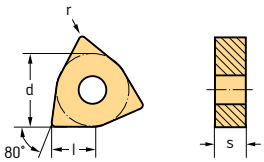
See the ISO 1832 designation key for dimensions
Ordering example for the grade WEP10C: VNMG160404-FP5 WEP10C

HC = Coated carbide
HE = Coated cermet

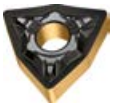
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Negative Trigon 80°
WNMG / WNMM
Tiger·tec® Gold



Indexable inserts

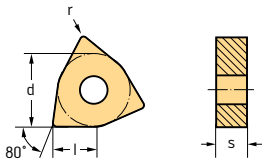
	Designation	l mm	r mm	f mm	a_p mm	P HC WKP01G	P HC WMP20S	P HC WPP05G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	M HC WMP20S	M HC WSM01	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKK10S	K HC WKK20S	K HC WKP01G	S HC WSM01	S HC WSM10S	S HC WSM20S	S HC WSM30S
 Wiper	WNMG060404-FW5	6,52	0,4	0,10–0,35	0,3–2,0	☺			☺	☺					☺	☺				☺		☺	☺	
	WNMG060408-FW5	6,52	0,8	0,15–0,50	0,4–2,0				☺	☺					☺	☺						☺	☺	
	WNMG080404-FW5	8,69	0,4	0,10–0,40	0,3–3,0	☺			☺	☺					☺	☺				☺		☺	☺	
	WNMG080408-FW5	8,69	0,8	0,15–0,60	0,4–3,0	☺			☺	☺					☺	☺				☺		☺	☺	
	WNMG080412-FW5	8,69	1,2	0,25–0,65	0,6–3,0	☺			☺	☺										☺				
	WNMG060404-FP5	6,52	0,4	0,04–0,20	0,1–1,5				☺	☺														
	WNMG060408-FP5	6,52	0,8	0,08–0,25	0,2–2,0	☺			☺	☺										☺				
	WNMG080404-FP5	8,69	0,4	0,05–0,20	0,1–1,5	☺			☺	☺		☺								☺				
	WNMG080408-FP5	8,69	0,8	0,08–0,25	0,2–2,0	☺			☺	☺		☺								☺				
	WNMG080412-FP5	8,69	1,2	0,10–0,25	0,5–2,5				☺	☺														
 Wiper	WNMG060408-MW5	6,52	0,8	0,15–0,50	0,8–3,0				☺	☺								☺						
	WNMG060412-MW5	6,52	1,2	0,20–0,60	1,5–3,0				☺	☺								☺						
	WNMG080408-MW5	8,69	0,8	0,20–0,65	0,8–4,0		😐	☺	☺	😐			😐					☺	😐					
	WNMG080412-MW5	8,69	1,2	0,25–0,70	1,5–4,0		😐	☺	☺	😐			😐					☺	😐					
	WNMG080404-MS3	8,69	0,4	0,12–0,25	0,6–3,0									☺	☺						☺	☺		
	WNMG080408-MS3	8,69	0,8	0,15–0,30	0,8–3,0					😐			😐	☺	☺		😵				☺	☺		😵
	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			☺	☺	😐														
	WNMG060408-RM5	6,52	0,8	0,20–0,40	1,2–3,5		😐						😐			😐	😵						😐	😵
	WNMG080408-RM5	8,69	0,8	0,20–0,40	1,2–4,5		😐		☺	😐			😐		☺	😐	😵					☺	😐	😵
	WNMG080412-RM5	8,69	1,2	0,25–0,50	1,5–4,5		😐						😐		☺	😐	😵					☺	😐	😵

See the ISO 1832 designation key for dimensions
Ordering example for the grade WKP01G: WNMG060404-FW5 WKP01G

HC = Coated carbide
HE = Coated cermet

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

Negative Trigon 80°
WNMG / WNMM
Tiger·tec® Gold



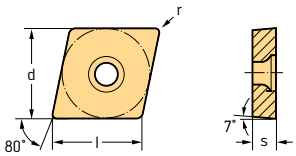
Indexable inserts

	Designation	l mm	r mm	f mm	a_p mm	P HC WKP01G	P HC WMP20S	P HC WPP05G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	M HC WMP20S	M HC WSM01	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKK10S	K HC WKK20S	K HC WKP01G	S HC WSM01	S HC WSM10S	S HC WSM20S	S HC WSM30S
	WNMG060408-RP5	6,52	0,8	0,20–0,40	0,8–4,0				●	●	●													
	WNMG060412-RP5	6,52	1,2	0,25–0,50	1,0–4,0				●	●	●													
	WNMG080408-RP5	8,69	0,8	0,20–0,40	0,8–6,0			●	●	●	●							●						
	WNMG080412-RP5	8,69	1,2	0,25–0,60	1,0–6,0			●	●	●	●							●						
	WNMG080416-RP5	8,69	1,6	0,35–0,70	1,6–6,0			●	●	●	●													
	WNMG100612-RP5	10,86	1,2	0,35–0,65	1,2–8,0				●	●	●													
	WNMG100616-RP5	10,86	1,6	0,35–0,70	1,6–8,0				●	●	●													
	WNMG080408-RP7	8,69	0,8	0,18–0,40	0,8–5,0				●	●	●													
	WNMG080412-RP7	8,69	1,2	0,25–0,50	1,2–5,0				●	●	●													
	WNMG100608-RP7	10,86	0,8	0,30–0,50	0,8–6,0					●														
	WNMG100612-RP7	10,86	1,2	0,35–0,60	1,2–6,0				●	●	●													
	WNMG100616-RP7	10,86	1,6	0,40–0,60	1,5–6,0					●	●													
	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

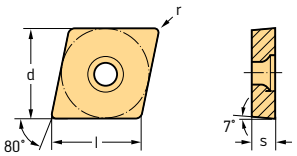
	Designation	l mm	r mm	f mm	a_p mm	P HC WKP01G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	M HC WSM01	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKK10S	K HC WKK20S	K HC WKP01G	S HC WSM01	S HC WSM10S	S HC WSM20S	S HC WSM30S
 Wiper	CCMT060202-FW4	6,45	0,2	0,03–0,15	0,1–1,5			😐					😐							😐	
	CCMT060204-FW4	6,45	0,4	0,05–0,30	0,2–2,0	😊	🙂	😐				🙂	😐	☹			😊		🙂	😐	☹
	CCMT060208-FW4	6,45	0,8	0,09–0,35	0,3–2,0	😊	🙂	😐					😐				😊			😐	
	CCMT09T302-FW4	9,67	0,2	0,03–0,15	0,1–2,0			😐					😐							😐	
	CCMT09T304-FW4	9,67	0,4	0,07–0,30	0,2–2,5	😊	🙂	😐				🙂	😐	☹			😊		🙂	😐	☹
	CCMT09T308-FW4	9,67	0,8	0,12–0,50	0,3–2,5	😊	🙂	😐				🙂	😐	☹			😊		🙂	😐	☹
	CCGT060202-FL2	6,45	0,2	0,04–0,10	0,1–1,0			😐			😊							😊			
	CCGT060204-FL2	6,45	0,4	0,06–0,15	0,2–1,5			😐	☹		😊							😊			
	CCGT09T302-FL2	9,67	0,2	0,04–0,10	0,1–1,0			😐			😊							😊			
	CCGT09T304-FL2	9,67	0,4	0,06–0,15	0,2–1,5			😐	☹		😊							😊			
	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			😐													
 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		🙂	😐													

See the ISO 1832 designation key for dimensions

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



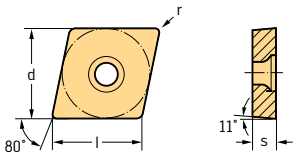
Indexable inserts

	Designation	l mm	r mm	f mm	a_p mm	P HC WKP01G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	M HC WSM01	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKK10S	K HC WKK20S	K HC WKP01G	S HC WSM01	S HC WSM10S	S HC WSM20S	S HC WSM30S
	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

HC = Coated carbide
HE = Coated cermet

Positive rhombic 80°
CPMT / CPGT
Tiger·tec® Gold



Indexable inserts

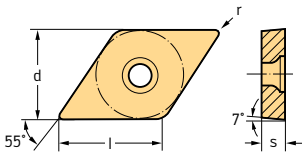
	Designation	l mm	r mm	f mm	a_p mm	P HC WPP10G	P HC WPP20G
	CPMT050204-FP4	5,64	0,4	0,05–0,16	0,1–1,5	☺	
	CPMT060204-FP4	6,45	0,4	0,05–0,16	0,1–1,5	☺	
	CPMT09T304-FP4	9,67	0,4	0,05–0,16	0,1–1,5	☺	
	CPMT09T308-FP4	9,67	0,8	0,08–0,20	0,1–1,5	☺	
	CPMT04T104-MP4	4,84	0,4	0,06–0,16	0,3–1,5		😐
	CPMT060204-MP4	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 WPP10G: CPMT050204-FP4 WPP10G

HC = Coated carbide

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 HC WKP01G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	M HC WSM01	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKK10S	K HC WKK20S	K HC WKP01G	S HC WSM01	S HC WSM10S	S HC WSM20S	S HC WSM30S
Wiper	DCMT070202-FW4	7,75	0,2	0,03–0,15	0,1–1,5			😐					😐							😐	
	DCMT070204-FW4	7,75	0,4	0,05–0,25	0,2–2,0	☺	☺	😐				☺	😐	☹			☺		☺	😐	☹
	DCMT070208-FW4	7,75	0,8	0,09–0,35	0,3–2,0		☺	😐					😐	☹						😐	☹
	DCMT11T302-FW4	11,63	0,2	0,03–0,15	0,1–2,0			😐				☺	😐						☺	😐	
	DCMT11T304-FW4	11,63	0,4	0,07–0,30	0,2–2,5	☺	☺	😐				☺	😐	☹			☺		☺	😐	☹
	DCMT11T308-FW4	11,63	0,8	0,12–0,40	0,3–2,5	☺	☺	😐				☺	😐	☹			☺		☺	😐	☹
	DCGT11T302-FL2	11,63	0,2	0,04–0,10	0,1–1,0						☺							☺			
	DCGT11T304-FL2	11,63	0,4	0,06–0,15	0,2–1,5			😐			☺							☺			
	DCGT11T308-FL2	11,63	0,8	0,08–0,20	0,3–1,5			😐			☺							☺			
	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		☺	😐													
Wiper	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		☺	😐													
	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		☺	😐	☹												

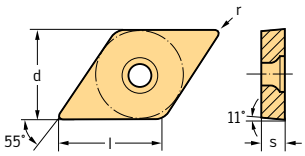
See the ISO 1832 designation key for dimensions

HC = Coated carbide
HE = Coated cermet

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

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

Positive rhombic 55°
DPMT / DPGT
Tiger·tec® Gold



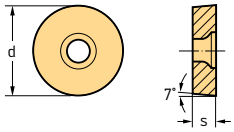
Indexable inserts

	Designation	l mm	r mm	f mm	a_p mm	P HC WPP10G	P HC WPP20G
	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

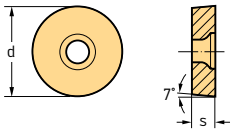
	Designation	d mm	f mm	a_p mm	P HC WPP10G	P HC WPP20G	P HC WPP30G
	RCMT0602M0-FP4	6	0,07–0,30	0,6–2,5	☺	😐	
	RCMT0803M0-FP4	8	0,08–0,30	0,8–3,0		😐	
	RCMT10T3M0-FP4	10	0,10–0,35	1,0–4,0		😐	
	RCMT1204M0-FP4	12	0,12–0,40	1,2–5,0	☺	😐	
	RCMT0602M0-RP4	6	0,08–0,50	0,6–2,5		😐	☹
	RCMT060300-RP4	6,35	0,08–0,50	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



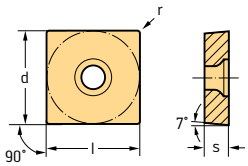
Indexable inserts

	Designation	d mm	f mm	a_p mm	P HC WPP10G	P HC WPP20G	P HC WPP30G
	RCMT10T3M0-HU6	10	0,12–0,80	1,0–4,0	☺	😐	☹
	RCMT1204M0-HU6	12	0,12–1,20	1,2–5,0	☺	😐	☹
	RCMT1606M0-HU6	16	0,15–1,20	1,6–7,0	☺	😐	☹
	RCMX2006M0-HU6	20	0,25–1,40	2,0–9,0	☺	😐	☹
	RCMX2507M0-HU6	25	0,30–1,60	2,5–11,0	☺	😐	☹
	RCMX3209M0-HU6	32	0,30–1,70	3,2–15,0	☺	😐	☹

See the ISO 1832 designation key for dimensions
Ordering example for the grade 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 HC WKP01G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	K HC WKP01G
	SCMT060204-FP4	6,35	0,4	0,05–0,16	0,1–1,5		☺				
	SCMT09T304-FP4	9,53	0,4	0,05–0,15	0,1–1,5		☺	😐		☺	
	SCMT09T308-FP4	9,53	0,8	0,05–0,18	0,1–1,8	☺	☺	😐		☺	☺
	SCMT120404-FP4	12,7	0,4	0,05–0,15	0,1–1,5			😐			
	SCMT120408-FP4	12,7	0,8	0,05–0,18	0,1–1,8			😐			
	SCMT120412-FP4	12,7	1,2	0,12–0,32	0,3–1,8			😐			
	SCMT09T304-FP6	9,53	0,4	0,08–0,20	0,3–2,0			😐			
	SCMT09T308-FP6	9,53	0,8	0,10–0,25	0,5–2,0			😐			
	SCMT120408-FP6	12,7	0,8	0,12–0,32	0,5–2,5			😐			
	SCMT09T304-MP4	9,53	0,4	0,08–0,25	0,4–3,0			😐			
	SCMT09T308-MP4	9,53	0,8	0,12–0,32	0,5–3,0		☺	😐			
	SCMT120408-MP4	12,7	0,8	0,12–0,32	0,5–3,5		☺	😐			

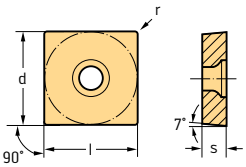
See the ISO 1832 designation key for dimensions
Ordering example for the grade WPP10G: SCMT060204-FP4 WPP10G

HC = Coated carbide
HE = Coated cermet

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

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

Positive square
SCMT / SCGT
Tiger·tec® Gold



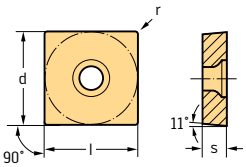
Indexable inserts

	Designation	l mm	r mm	f mm	a_p mm	P HC WKP01G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	K HC WKP01G
	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



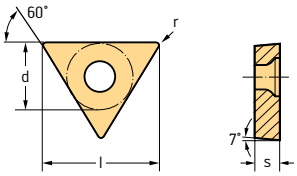
Indexable inserts

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

See the ISO 1832 designation key for dimensions
Ordering example for the grade WPP20G: SPMT09T304-MP4 WPP20G

HC = Coated carbide

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



Indexable inserts

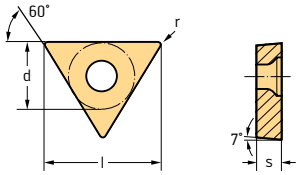
	Designation	l mm	r mm	f mm	a_p mm	P HC WKP01G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	M HC WSM20S	K HC WKK20S	K HC WKP01G	S HC WSM20S
 Wiper	TCMT090202-FW4	9,62	0,2	0,03–0,15	0,1–1,5			😊			😊			😊
	TCMT090204-FW4	9,62	0,4	0,05–0,30	0,2–2,0		😊	😊			😊			😊
	TCMT110204-FW4	11	0,4	0,07–0,30	0,2–2,5		😊	😊			😊			😊
	TCMT110208-FW4	11	0,8	0,12–0,40	0,3–2,5		😊	😊			😊			😊
	TCMT16T304-FW4	16,5	0,4	0,07–0,35	0,2–2,5		😊	😊			😊			😊
	TCMT16T308-FW4	16,5	0,8	0,12–0,50	0,3–2,5		😊	😊			😊			😊
	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		😊	😊		😊				

See the ISO 1832 designation key for dimensions

HC = Coated carbide
HE = Coated cermet

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

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



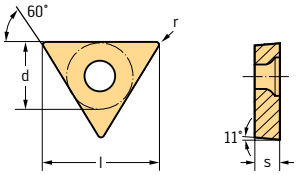
Indexable inserts

	Designation	l mm	r mm	f mm	a_p mm	P HC WKP01G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	M HC WSM20S	K HC WKK20S	K HC WKP01G	S HC WSM20S
	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			●			●	●		●
Wiper	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

HC = Coated carbide
HE = Coated cermet

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



Indexable inserts

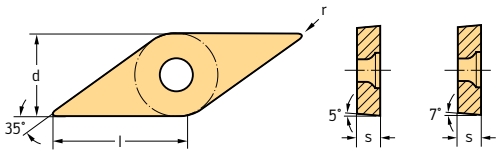
	Designation	l mm	r mm	f mm	a_p mm	P HC WPP10G	P HC WPP20G	M HC WSM20S	S HC WSM20S
	TPMT110204-FP4	11	0,4	0,05–0,16	0,1–1,5	☺			
	TPMT16T304-FP4	16,5	0,4	0,05–0,16	0,1–1,5	☺			
	TPMT090204-MP4	9,62	0,4	0,08–0,20	0,4–2,0		😐		
	TPMT110204-MP4	11	0,4	0,08–0,20	0,4–2,0		😐		
	TPMT110208-MP4	11	0,8	0,12–0,30	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		😐		
	TPGN110308	11	0,8	0,12–0,20	0,8–2,0			😐	😐
	TPGN160304	16,5	0,4	0,10–0,25	0,4–3,0		😐	😐	😐
	TPGN160308	16,5	0,8	0,12–0,30	0,8–3,0		😐	😐	😐

See the ISO 1832 designation key for dimensions
Ordering example for the grade WPP10G: TPMT110204-FP4 WPP10G

HC = Coated carbide

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

Positive rhombic 35°
VBGT / VCMT / VBMT
Tiger·tec® Gold



Indexable inserts

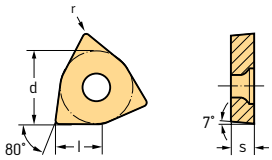
	Designation	l mm	r mm	f mm	a_p mm	P HC WKP01G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	M HC WSM01	K HC WKP01G	S HC WSM01
	VBGT110302-FL2	11,07	0,2	0,04–0,10	0,1–1,0			😐			☺		☺
	VBGT110304-FL2	11,07	0,4	0,06–0,15	0,2–1,5			😐			☺		☺
	VCMT110302-FP4	11,07	0,2	0,04–0,12	0,1–1,0	☺	☺	😐		☺		☺	
	VCMT110304-FP4	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

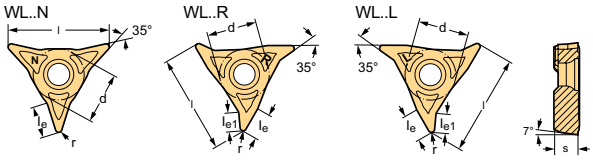
	Designation	l mm	r mm	f mm	a_p mm	P HC WPP10G	P HC WPP20G	P HC WPP30G
	WCMT040202-FP4	4,34	0,2	0,04–0,12	0,1–1,0	☺	😐	
	WCMT040204-FP4	4,34	0,4	0,05–0,16	0,1–1,5	☺	😐	
	WCMT040208-FP4	4,34	0,8	0,08–0,20	0,1–1,5		😐	
	WCMT06T302-FP4	6,52	0,2	0,04–0,12	0,1–1,0		😐	
	WCMT06T304-FP4	6,52	0,4	0,05–0,16	0,1–1,5		😐	
	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

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

Indexable inserts copy turning system
WL...-VC...
Tiger·tec® Gold



Indexable inserts

	Designation	r mm	l mm	l_e mm	l_{e1} mm	f mm	a_p mm	P				M			K	S	
										HC					HC		HC
								WKP01G	WMP20S	WPP10G	WPP20G	WMP20S	WSM10S	WSM20S	WKP01G	WSM10S	WSM20S
	WL17-VC0502N-FM4	0,2	17	4,6		0,04–0,15	0,1–1,2						☺	☹		☺	☹
	WL17-VC0504N-FM4	0,4	17	5		0,05–0,20	0,1–1,8						☺	☹		☺	☹
	WL17-VC0508N-FM4	0,8	17	5,7		0,08–0,25	0,2–1,8						☺	☹		☺	☹
	WL25-VC0702N-FM4	0,2	25	6		0,04–0,15	0,1–2,0						☻	😐		☻	😐
	WL25-VC0704N-FM4	0,4	25	6,3		0,05–0,20	0,1–2,0						☻	😐		☻	😐
	WL25-VC0708N-FM4	0,8	25	7,1		0,08–0,25	0,2–2,0						☻	😐		☻	😐
	WL17-VC0502R-FM4	0,2	17	4,3	2,5	0,04–0,15	0,1–1,2						☺	☹		☺	☹
	WL17-VC0504R-FM4	0,4	17	4,6	3,1	0,05–0,20	0,1–1,8						☺	☹		☺	☹
	WL17-VC0508R-FM4	0,4	17	5	3,6	0,08–0,25	0,2–1,8						☺	☹		☺	☹
	WL25-VC0702R-FM4	0,2	25	5,5	3,4	0,04–0,15	0,1–2,0						☺	☹		☺	☹
	WL25-VC0704R-FM4	0,4	25	6,2	3,9	0,05–0,20	0,1–2,0						☻	😐		☻	😐
	WL25-VC0708R-FM4	0,8	25	6,6	4,6	0,08–0,25	0,2–2,0						☻	😐		☻	😐
	WL17-VC0502L-FM4	0,2	17	4,3	2,5	0,04–0,15	0,1–1,2						☺	☹		☺	☹
	WL17-VC0504L-FM4	0,4	17	4,6	3,1	0,05–0,20	0,1–1,8						☺	☹		☺	☹
	WL17-VC0508L-FM4	0,4	17	5	3,6	0,08–0,25	0,2–1,8						☺	☹		☺	☹
	WL25-VC0702L-FM4	0,2	25	5,5	3,4	0,04–0,15	0,1–2,0						☺	☹		☺	☹
	WL25-VC0704L-FM4	0,4	25	6,2	3,9	0,05–0,20	0,1–2,0						☻	😐		☻	😐
	WL25-VC0708L-FM4	0,8	25	6,6	4,6	0,08–0,25	0,2–2,0						☻	😐		☻	😐
	WL17-VC0504N-FP4	0,4	17	5		0,05–0,20	0,1–1,8				☹						
	WL17-VC0508N-FP4	0,8	17	5,7		0,08–0,25	0,2–1,8				☹						
	WL25-VC0704N-FP4	0,4	25	6,3		0,05–0,20	0,1–2,0	☺		☻	😐				☺		
	WL25-VC0708N-FP4	0,8	25	7,1		0,08–0,25	0,2–2,0	☺		☻	😐				☺		
	WL25-VC0704R-FP4	0,4	25	6,2	3,9	0,05–0,20	0,1–2,0	☺		☻	😐				☺		
	WL25-VC0708R-FP4	0,8	25	6,6	4,6	0,08–0,25	0,2–2,0	☺		☻	😐				☺		
	WL25-VC0704L-FP4	0,4	25	6,2	3,9	0,05–0,20	0,1–2,0	☺		☻	😐				☺		
	WL25-VC0708L-FP4	0,8	25	6,6	4,6	0,08–0,25	0,2–2,0	☺		☻	😐				☺		
	WL17-VC0504N-MM4	0,4	17	5		0,08–0,25	0,4–2,0		☹			☹	☺	☹		☺	☹
	WL17-VC0508N-MM4	0,8	17	5,7		0,12–0,30	0,5–2,0		☹			☹	☺	☹		☺	☹
	WL25-VC0704N-MM4	0,4	25	6,3		0,08–0,25	0,4–2,5		😐			😐	☻	😐		☻	😐
	WL25-VC0708N-MM4	0,8	25	7,1		0,12–0,32	0,5–2,5		😐			😐	☻	😐		☻	😐
	WL25-VC0712N-MM4	1,2	25	7,4		0,12–0,35	0,5–2,5						☻	😐		☻	😐
	WL25-VC0716N-MM4	1,6	25	8,7		0,12–0,40	0,5–2,5						☻	😐		☻	😐
	WL17-VC0504N-MP4	0,4	17	5		0,05–0,20	0,1–1,8				☹						
	WL17-VC0508N-MP4	0,8	17	5,7		0,12–0,30	0,5–2,0				☹						
	WL25-VC0704N-MP4	0,4	25	6,3		0,08–0,25	0,4–2,5			☻	😐						
	WL25-VC0708N-MP4	0,8	25	7,1		0,12–0,32	0,5–2,5			☻	😐						
	WL25-VC0712N-MP4	1,2	25	7,4		0,12–0,35	0,5–2,5			☻	😐						
	WL25-VC0716N-MP4	1,6	25	8,7		0,12–0,40	0,5–2,5			☻	😐						
	WL25-VC0704R-MP4	0,4	25	6,2	3,9	0,08–0,25	0,4–2,5			☻	😐						
	WL25-VC0708R-MP4	0,8	25	6,6	4,6	0,12–0,32	0,5–2,5			☻	😐						
	WL25-VC0704L-MP4	0,4	25	6,2	3,9	0,08–0,25	0,4–2,5			☻	😐						
	WL25-VC0708L-MP4	0,8	25	6,6	4,6	0,12–0,32	0,5–2,5			☻	😐						

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

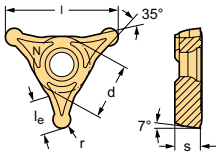
HC = Coated carbide

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

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 WPP20G	M HC WSM20S	M HC WSM30S	S HC WSM20S	S HC WSM30S
	WL25-RC0420N-MU6	2	25	7,2	0,12–0,40	0,5–2,0	☺	☺	☹	☺	☹
	WL25-RC0525N-MU6	2,5	25	6,9	0,12–0,45	0,5–2,5	☺	☺	☹	☺	☹

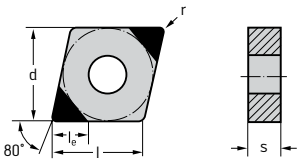
Ordering example for the grade WPP20G: WL25-RC0420N-MU6 WPP20G

HC = Coated carbide

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

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

CBN – Negative rhombic 80°
CNGA



Indexable inserts

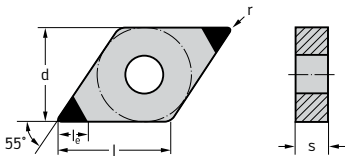
	Designation	Number of cutting edges	l_e mm	l mm	r mm	f mm	a_p mm	H BC WBH10C	H BC WBH20C	H BH WBH30	H BL WBH10	H BL WBH20
 Wiper	CNGA120404TM-MW2	2	2,8	12,9	0,4	0,05–0,35	0,1–1,0	☺				
	CNGA120408TM-MW2	2	2,7	12,9	0,8	0,05–0,50	0,1–1,0	☺	😐	☹	☺	
	CNGA120412TM-MW2	2	2,8	12,9	1,2	0,05–0,50	0,1–1,0	☺		☹	☺	
 Chipbreaker	CNGA120404TM-M2	2	2,8	12,9	0,4	0,05–0,20	0,1–0,5				☺	
	CNGA120408TM-M2	2	2,7	12,9	0,8	0,05–0,25	0,1–1,0		😐		☺	
	CNGA120412TM-M2	2	2,8	12,9	1,2	0,05–0,30	0,1–1,0				☺	
	CNGA120404TM-2	2	2,8	12,9	0,4	0,05–0,20	0,1–1,0	☺	😐	☹	☺	😐
	CNGA120408TM-2	2	2,7	12,9	0,8	0,05–0,25	0,1–1,0	☺	😐	☹	☺	😐
	CNGA120412TM-2	2	2,8	12,9	1,2	0,05–0,30	0,1–1,0	☺	😐	☹	☺	😐
	CNGA120408TM-4	4	2,7	12,9	0,8	0,05–0,25	0,1–1,0		😐			

See the ISO 1832 designation key for dimensions
Ordering example for the grade WBH10C: CNGA120404TM-MW2 WBH10C

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

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

CBN – Negative rhombic 55°
DNGA



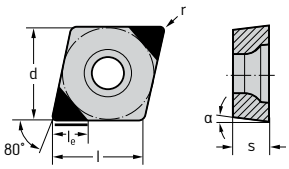
Indexable inserts

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

See the ISO 1832 designation key for dimensions
Ordering example for the grade WBH10: DNGA150404TM-2 WBH10

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

CBN – Positive rhombic 80°
CCGW



Indexable inserts

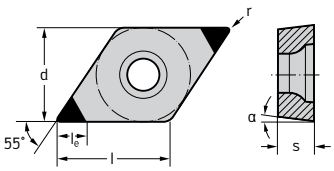
	Designation	Number of cutting edges	l_e mm	l mm	r mm	α	f mm	a_p mm	H BC WBH10C	H BC WBH20C	H BH WBH30	H BL WBH10	H BL WBH20
	CCGW060202TM-2	2	2,8	6,45	0,2	7°	0,05–0,15	0,1–0,3		😐			
	CCGW060204TM-2	2	2,8	6,45	0,4	7°	0,05–0,20	0,1–0,3	☺	😐	☹	☺	😐
	CCGW060208TM-2	2	2,7	6,45	0,8	7°	0,05–0,25	0,1–0,5	☺	😐	☹		😐
	CCGW09T304TM-2	2	2,8	9,67	0,4	7°	0,05–0,20	0,1–0,5	☺	😐	☹	☺	😐
	CCGW09T308TM-2	2	2,7	9,67	0,8	7°	0,05–0,25	0,1–0,5	☺	😐	☹	☺	😐

See the ISO 1832 designation key for dimensions
Ordering example for the grade WBH20C: CCGW060202TM-2 WBH20C

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

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

CBN – Positive rhombic 55°
DCGW



Indexable inserts

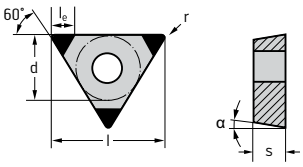
	Designation	Number of cutting edges	l_e mm	l mm	r mm	α	f mm	a_p mm	K BH	H BC	H BC	H BH	H BL	H BL
									WBK20	WBH10C	WBH20C	WBH30	WBH10	WBH20
	DCGW070202TS-2	2	3	7,75	0,2	7°	0,05–0,15	0,1–0,3	😐				☺	
	DCGW070204TS-2	2	2,9	7,75	0,4	7°	0,05–0,20	0,1–0,3	😐					
	DCGW070208TS-2	2	2,8	7,75	0,8	7°	0,05–0,25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

See the ISO 1832 designation key for dimensions
Ordering example for the grade WBH10: DCGW070202TS-2 WBH10

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

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

CBN – Positive triangular 60°
TCGW



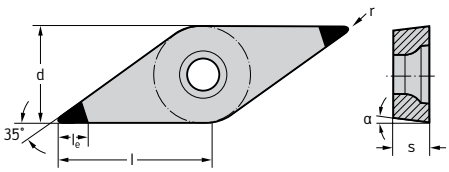
Indexable inserts

	Designation	Number of cutting edges	l_e mm	l mm	r mm	α	f mm	a_p mm	H BC WBH10C	H BC WBH20C	H BH WBH30	H BL WBH10	H BL WBH20
	TCGW110204TM-3	3	3,1	11	0,4	7°	0,05–0,20	0,1–0,3	☺	😐	☹	☺	😐
	TCGW110208TM-3	3	2,8	11	0,8	7°	0,05–0,25	0,1–0,5	☺	😐	☹	☺	😐

See the ISO 1832 designation key for dimensions
Ordering example for the grade WBH10: TCGW110204TM-3 WBH10

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

CBN – Positive rhombic 35°
VBGW



Indexable inserts

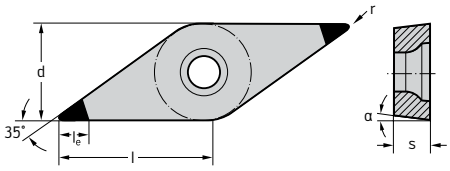
	Designation	Number of cutting edges	l_e mm	l mm	r mm	α	f mm	a_p mm	H BC WBH20C	H BH WBH30	H BL WBH10	H BL WBH20
	VBGW110304TM-2	2	3	11,07	0,4	5°	0,05–0,20	0,1–0,5			☺	😐
	VBGW160402TM-2	2	3,4	16,61	0,2	5°	0,05–0,25	0,1–0,5			☺	😐
	VBGW160404TM-2	2	3	16,61	0,4	5°	0,05–0,20	0,1–0,5	😐	☹	☺	😐
	VBGW160408TM-2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

See the ISO 1832 designation key for dimensions
Ordering example for the grade WBH10: VBGW110304TM-2 WBH10

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

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

CBN – Positive rhombic 35°
VCGW



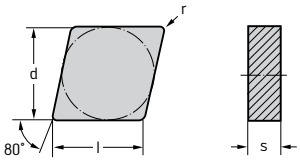
Indexable inserts

	Designation	Number of cutting edges	l_e mm	l mm	r mm	α	f mm	a_p mm	H BC WBH20C	H BL WBH10
	VCGW110302TS-2	2	3,4	11,07	0,2	7°	0,05–0,15	0,1–0,3	☹	
	VCGW160404TS-2	2	3	16,61	0,4	7°	0,05–0,20	0,1–0,5		☺
	VCGW160408TS-2	2	3	16,61	0,8	7°	0,05–0,25	0,1–0,5		☺

See the ISO 1832 designation key for dimensions
Ordering example for the grade WBH20C: VCGW110302TS-2 WBH20C

BC = CBN Coated
BL = CBN with low CBN content

Ceramic – Negative rhombic 80°
CNGN



Indexable inserts

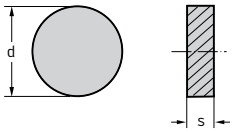
	Designation	l mm	r mm	f mm	a_p mm	S CR WWS20	S CS WIS10	S CS WIS30
	CNGN120408T01020	12,9	0,8	0,10–0,22	0,1–3,6	☹		
	CNGN120412T01020	12,9	1,2	0,10–0,32	0,1–3,6	☹		
	CNGN120708T01020	12,9	0,8	0,10–0,22	0,1–3,6	☹	☺	☹ ★
	CNGN120712T01020	12,9	1,2	0,10–0,32	0,1–3,6	☹	☺	☹ ★
	CNGN120716T01020	12,9	1,6	0,10–0,42	0,1–3,6	☹	☺	☹ ★

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

CR = Reinforced ceramic
CS = Uncoated ceramic SiAlON

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

Ceramic – Negative round
RNGN



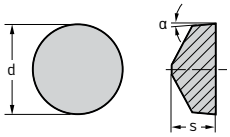
Indexable inserts

	Designation	d mm	f mm	a_p mm	S CR WWS20	S CS WIS10	S CS WIS30
	RNGN120700E	12,7	0,10–0,32	0,1–3,6	😐	😊	😵
	RNGN120700T01020	12,7	0,20–0,32	0,2–3,6	😐	😊	😵
	RNGN150700T01020	15,875	0,10–0,40	0,2–4,5	😐		

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

CR = Reinforced ceramic
CS = Uncoated ceramic SiAlON

Ceramic – Positive round
RCGX



Indexable inserts

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

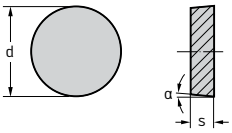
See the ISO 1832 designation key for dimensions
Ordering example for the grade WIS30: RCGX060600E WIS30

CR = Reinforced ceramic
CS = Uncoated ceramic SiAlON

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

Ceramic – Positive round

RPGN



Indexable inserts

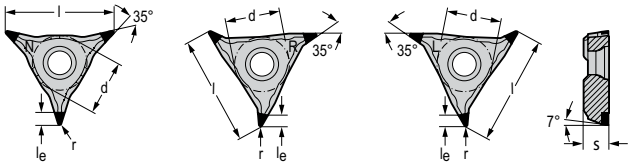
	Designation	d mm	α	f mm	a_p mm	S CS WIS10	S CS WIS30
	RPGN090300E	9,525	11°	0,10–0,20	0,1–2,4	☺	☹
	RPGN120400E	12,7	11°	0,10–0,30	0,1–3,6	☺	☹
	RPGN090300T01020	9,525	11°	0,10–0,25	0,2–2,4	☺	☹
	RPGN120400T01020	12,7	11°	0,10–0,32	0,2–3,6	☺	☹

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

CS = Uncoated ceramic SiAlON

CBN – Indexable inserts copy turning system

WL...-VC...



Indexable inserts

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

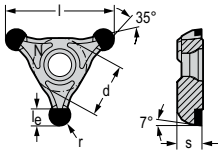
Ordering example for the grade WBH20C: WL25-VC0704NTM-3 WBH20C

BC = CBN Coated

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

CBN – Indexable inserts copy turning system

WL...-RC...



Indexable inserts

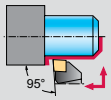
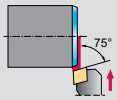
	Designation	Number of cutting edges	r mm	l mm	l_e mm	f mm	a_p mm	H BC WBH20C
	WL25-RC0420NTM-3	3	2	25	3,2	0,02–0,50	0,1–2,0	☺
	WL25-RC0525NTM-3	3	2,5	25	5	0,02–0,50	0,1–2,5	☺

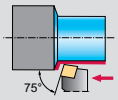
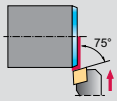
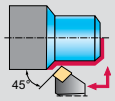
Ordering example for the grade WBH20C: WL25-RC0420NTM-3 WBH20C

BC = CBN Coated

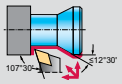
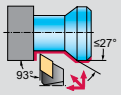
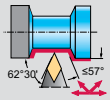
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

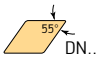
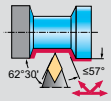
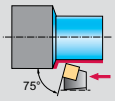
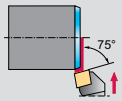
Square-shank turning toolholders – Negative basic shape

Type				
				
Machining				
				
Designation	**DCLN**	**DCLN...-P**	**PCLN**	**DCKN**
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		1,000–1,250
Insert size l [mm]	9–19	12–16	9–25	12–16
Page in catalogue				
QR code				
www.walter-tools.com/woc/	DCLN	DCLN-P	PCLN	DCKN

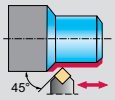
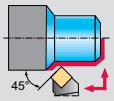
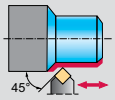
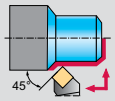
Type				
				
Machining				
				
Designation	**DCRN**	**PCBN**	**PCKN**	**PCSN**
Approach angle	75°	75°	75°	45°
Clamping system	Claw	Lever-type	Lever-type	Lever-type
Coolant supply	External	External	External	External
Shank size h [mm]		25–32	25	25
Shank size h [Inch]	1,000–1,250			
Insert size l [mm]	12–19	12–19	12	12
Page in catalogue				
QR code				
www.walter-tools.com/woc/	DCRN	PCBN	PCKN	PCSN

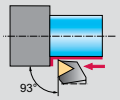
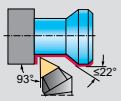
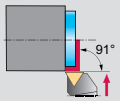
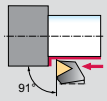
Square-shank turning toolholders – Negative basic shape

Type				
				
Machining				
				
Designation	**DDQN**	**DDJN...-P**	**PDJN**	**DDNN**
Approach angle	107,5°	93°	93°	62,5°
Clamping system	Claw	Claw	Lever-type	Claw
Coolant supply	External	Precision cooling	External	External
Shank size h [mm]		20–25	16–32	20–32
Shank size h [Inch]	1,000–1,250	0,750–1,000		
Insert size l [mm]	15	11–15	11–15	11–15
Page in catalogue				
QR code				
www.walter-tools.com/woc/	DDQN	DDJN-P	PDJN	DDNN

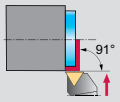
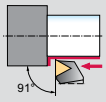
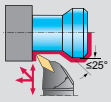
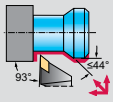
Type				
				
Machining				
				
Designation	**DDPN**	**DSBN...-P**	**PSBN**	**PSKN**
Approach angle	62,5°	75°	75°	75°
Clamping system	Claw	Claw	Lever-type	Lever-type
Coolant supply	External	Precision cooling	External	External
Shank size h [mm]		25	20–50	20–32
Shank size h [Inch]	0,750–1,250			
Insert size l [mm]	15	12	12–25	12–19
Page in catalogue				
QR code				
www.walter-tools.com/woc/	DDPN	DSBN-P	PSBN	PSKN

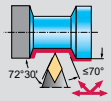
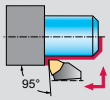
Square-shank turning toolholders – Negative basic shape

Type	 SN..			
Machining				
				
Designation	**DSDN**	**DSSN...-P**	**PSDN**	**PSSN**
Approach angle	45°	45°	45°	45°
Clamping system	Claw	Claw	Lever-type	Lever-type
Coolant supply	External	Precision cooling	External	External
Shank size h [mm]	20–32	25	12–40	16–32
Shank size h [Inch]	0,625–1,500			
Insert size l [mm]	9–25	12	9–25	9–19
Page in catalogue				
QR code				
www.walter-tools.com/woc/	DSDN	DSSN-P	PSDN	PSSN

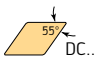
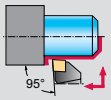
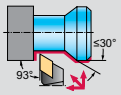
Type	 TN..			
Machining				
				
Designation	**DTJN**	**MTJN**	**DTFN**	**DTGN...-P**
Approach angle	93°	93°	91°	91°
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	External	External	External	Precision cooling
Shank size h [mm]		20–32		20–25
Shank size h [Inch]	0,750–1,250		1,000	
Insert size l [mm]	16–27	16–22	22	16
Page in catalogue				
QR code				
www.walter-tools.com/woc/	DTJN	MTJN	DTFN	DTGN-P

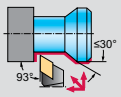
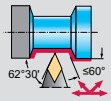
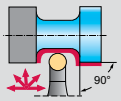
Square-shank turning toolholders – Negative basic shape

Type	60° TN..		35° VN..	
Machining				
				
Designation	**PTFN**	**PTGN**	**DVPN**	**DVJN...-P**
Approach angle	91°	91°	117,5°	93°
Clamping system	Lever-type	Lever-type	Claw	Claw
Coolant supply	External	External	External	Precision cooling
Shank size h [mm]	16–32	16–40	25–32	20–25
Shank size h [Inch]				0,750–1,000
Insert size l [mm]	16	11–27	16	16
Page in catalogue				
QR code				
www.walter-tools.com/woc/	PTFN	PTGN	DVPN	DVJN-P

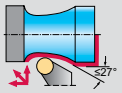
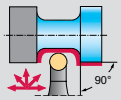
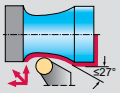
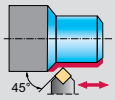
Type	35° VN..	80° WN..
Machining		
		 
Designation	**DVVN**	**DWLN...-P**	**PWLN**
Approach angle	72,5°	95°	95°
Clamping system	Claw	Claw	Lever-type
Coolant supply	External	Precision cooling	External
Shank size h [mm]	20–32	20–25	16–32
Shank size h [Inch]	0,750–1,250	0,750–1,000	
Insert size l [mm]	16	8	6–10
Page in catalogue			
QR code			
www.walter-tools.com/woc/	DVVN	DWLN-P	PWLN

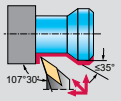
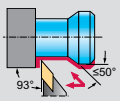
Square-shank turning toolholders – Positive basic shape

Type				
Machining				
		Selection		Selection
				
Designation	**SCLC**	**SCLC...-S-P**	**SDJC**	**SDJC...-S-P**
Approach angle	95°	95°	93°	93°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	External	Precision cooling	External	Precision cooling
Shank size h [mm]	10–25	12–16	10–25	12–16
Shank size h [Inch]	0,375–1,250		0,375–1,000	
Insert size l [mm]	6–12	9	7–11	11
Page in catalogue		A 72		A 73
QR code				
www.walter-tools.com/woc/	SCLC	SCLC-S-P	SDJC	SVJC-S-P

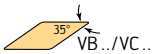
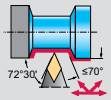
Type				
Machining				
				
Designation	**DDJC...-P**	**SDNC**	**SRAC**	**SRDC**
Approach angle	93°	62,5°	0°	0°
Clamping system	Claw	Screw	Screw	Screw
Coolant supply	Precision cooling	External	External	External
Shank size h [mm]	20–25	10–25		12–32
Shank size h [Inch]			1,000–1,250	0,500–1,250
Insert size l [mm]	11	7–11	6–12	6–16
Page in catalogue				
QR code				
www.walter-tools.com/woc/	DDJC-P	SDNC	SRAC	SRDC

Square-shank turning toolholders – Positive basic shape

Type	RC..			SC..
Machining				
				
Designation	**SRGC**	**PRDC**	**PRGC**	**SSDCN**
Approach angle	0°	0°	0°	45°
Clamping system	Screw	Lever-type	Lever-type	Screw
Coolant supply	External	External	External	External
Shank size h [mm]		20–50	20–40	12–25
Shank size h [Inch]	1,000			0,375–0,750
Insert size l [mm]	12	10–32	10–25	6–12
Page in catalogue				
QR code				
www.walter-tools.com/woc/	SRGC	PRDC	PRGC	SSDCN

Type	VB../VC..			
Machining				
	Selection			
				
Designation	**PVHB**	**SVJB**	**SVJB...-S-P**	**DVJB...-P**
Approach angle	107,5°	93°	93°	93°
Clamping system	Lever-type	Screw	Screw	Claw
Coolant supply	External	External	Precision cooling	Precision cooling
Shank size h [mm]	16–32	12–32	12–16	20–25
Shank size h [Inch]		0,500–1,000		
Insert size l [mm]	11–16	11–16	11	16
Page in catalogue			A 74	
QR code				
www.walter-tools.com/woc/	PVHB	SVJB	SVJB-S-P	DVJB-P

Square-shank turning toolholders – Positive basic shape

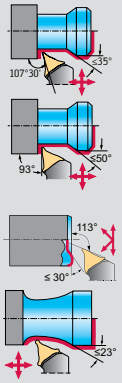
Type	
Machining	



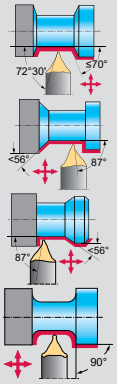


Designation	**SVVB**	**PVVB**
Approach angle	72,5°	72,5°
Clamping system	Screw	Lever-type
Coolant supply	External	External
Shank size h [mm]	12–32	20–32
Shank size h [Inch]	0,750–1,000	
Insert size l [mm]	11–16	11–16
Page in catalogue		
QR code		
www.walter-tools.com/woc/	SVVB	PVVB

Shank tool – WL Copy turning system

Type		 WL . .	
Machining			
		Selection	Selection
			
Designation	**W1011**	**W1011...-P**	**W1011...-S-P**
Approach angle	107,5°	107,5°	107,5°
Clamping system	Screw	Screw	Screw
Coolant supply	External	Precision cooling	Precision cooling
Shank size h [mm]	16–25	16–32	12–16
Shank size h [Inch]		0,750–1,000	
Insert size l [mm]	25	17–25	17
Page in catalogue		A 76	A 80
QR code			
www.walter-tools.com/woc/	W1011	W1011-P	W1011-S-P

Shank tool – WL Copy turning system

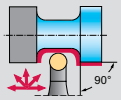
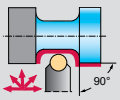
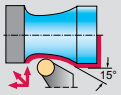
Type	 WL . .
Machining	

Selection

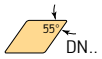
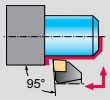
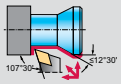


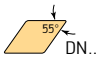
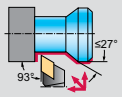
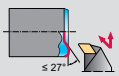
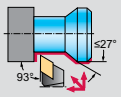
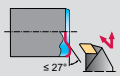
Designation	**W1010...-P**
Approach angle	
Clamping system	Screw
Coolant supply	Precision cooling
Shank size h [mm]	16–25
Shank size h [Inch]	0,750–1,000
Insert size l [mm]	17–25
Page in catalogue	A 78
QR code	
www.walter-tools.com/woc/	W1010-P

Square-shank turning toolholders – Ceramic indexable inserts

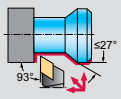
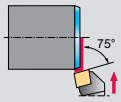
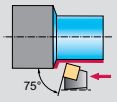
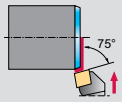
Type	RC../RP..	RN..	
Machining			
			 
Designation	**CRDC**	**CRDN**	**CRSN**	**CRSN...-P**
Approach angle	0°	0°	0°	0°
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	External	External	External	Precision cooling
Shank size h [mm]	32	25–32	25–32	25
Shank size h [Inch]				
Insert size l [mm]	9–12	12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

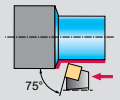
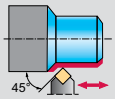
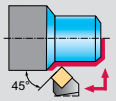
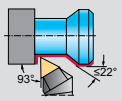
Walter Capto™ turning toolholders – Negative basic shape

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

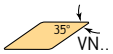
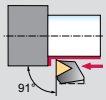
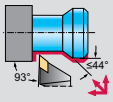
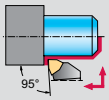
Type				
				
Machining				
				
Designation	**C...-DDJN**	**C...-DDUN**	**C...-DDJN...-P**	**C...-DDUN...-P**
Approach angle	93°	93°	93°	93°
Clamping system	Claw	Claw	Claw	Claw
Coolant supply	Internal	Internal	Precision cooling	Precision cooling
Walter Capto™ size	C4–C8	C4–C8	C4–C8	C6
Insert size l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

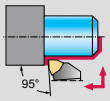
Walter Capto™ turning toolholders – Negative basic shape

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

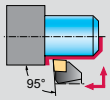
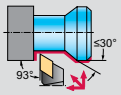
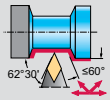
Type				
		SN..		TN..
Machining				
				
Designation	**C...-PSRN**	**C...-DSDN**	**C...-DSSN**	**C...-MTJN**
Approach angle	75°	45°	45°	93°
Clamping system	Lever-type	Claw	Claw	Claw
Coolant supply	Internal	Internal	Internal	Internal
Walter Capto™ size	C6–C8	C4–C8	C4–C6	C4–C6
Insert size l [mm]	19–25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

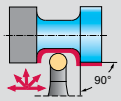
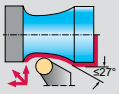
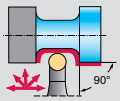
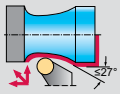
Walter Capto™ turning toolholders – Negative basic shape

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

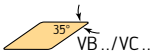
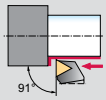
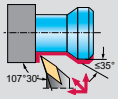
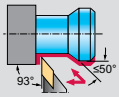
Type	
Machining	
		
Designation	**C...-DWLN...-P**	**C...-PWLN**
Approach angle	95°	95°
Clamping system	Claw	Lever-type
Coolant supply	Precision cooling	Internal
Walter Capto™ size	C4–C6	C3–C6
Insert size l [mm]	8	6–10
Page in catalogue		
QR code		
www.walter-tools.com/woc/	C-DWLN-P	C-PWLN

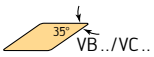
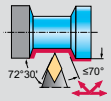
Walter Capto™ turning toolholders – Positive basic shape

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

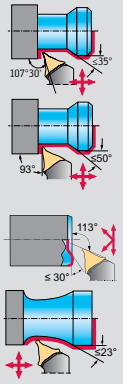
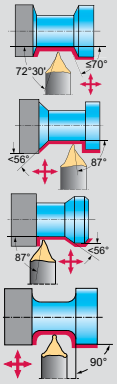
Type				
Machining				
				
Designation	**C...-SRDC**	**C...-SRSC**	**C...-PRDC**	**C...-PRSC**
Approach angle	0°	0°	0°	0°
Clamping system	Screw	Screw	Lever-type	Lever-type
Coolant supply	Internal	Internal	Internal	Internal
Walter Capto™ size	C3–C6	C4–C6	C5–C6	C5–C8
Insert size l [mm]	6–16	6–16	16–25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

Walter Capto™ turning toolholders – Positive basic shape

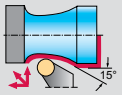
Type				
Machining				
				
Designation	**C...-STGC**	**C...-SVHB**	**C...-SVJB**	**C...-DVJB...-P**
Approach angle	91°	107,5°	93°	93°
Clamping system	Screw	Screw	Screw	Claw
Coolant supply	Internal	Internal	Internal	Precision cooling
Walter Capto™ size	C4–C5	C3–C6	C3–C6	C4–C8
Insert size l [mm]	11–16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

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

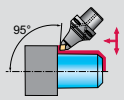
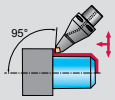
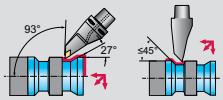
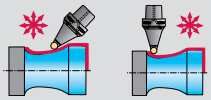
Walter Capto™ – WL copy turn system

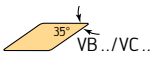
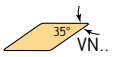
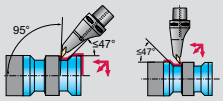
Type	 WL . .	
Machining		
		Selection
		
Designation	**W1011-C...-P**	**W1010-C...-P**
Approach angle	107,5°	72,5°
Clamping system	Screw	Screw
Coolant supply	Precision cooling	Precision cooling
Walter Capto™ size	C4–C6	C4–C6
Insert size l [mm]	25	25
Page in catalogue		A 82
QR code		
www.walter-tools.com/woc/	W1011-C-P	W1010-C-P

Square-shank turning toolholders – Ceramic indexable inserts

Type	RN..
Machining	
	
Designation	**C...-CRSN...-P**
Approach angle	0°
Clamping system	Claw
Coolant supply	Precision cooling
Walter Capto™ size	C6
Insert size l [mm]	12
Page in catalogue	
QR code	
www.walter-tools.com/woc/	C-CRSN-P

Walter Capto™ turning toolholders – Turning and milling centers

Type	 CC..	 CN..	 DN..	 RC..
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	 VB../VC..	 VN..
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

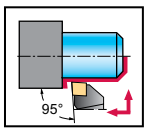
SCLC...-S-P mm

Walter Turn



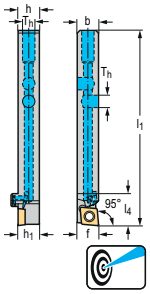


– Precision cooling
– For Swiss Machining





Tool



Square shank

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

OrderpageText_MasterInsertFootnotev _x_CC .. 09T308 | Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com

Assembly parts

	Type h = h_1 [mm]	CC .. 09T3 .. 12	CC .. 09T3 .. 16
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 3 Nm	FS2119 (T15IP) 3 Nm
	G 1/8" threaded plug		FS2258 (SW 2)
	M8X1 threaded plug	FS2587 (SW 4)	
	Torx key	FS1496 (T15IP)	FS1496 (T15IP)

Accessories

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

WALTER SELECT

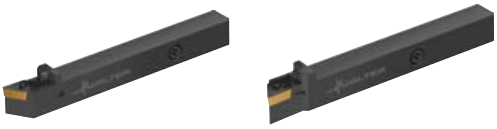
●● Primary application ● Other application

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

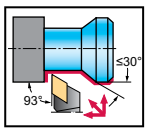
Shank tool – Screw clamping

SDJC...-S-P mm

Walter Turn

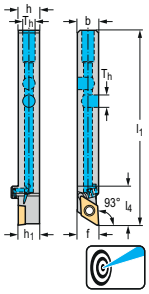


– Precision cooling
– For Swiss Machining





Tool

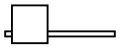


Square shank

Designation		h = h_1 mm	b mm	f mm	l_1 mm	l_4 mm	γ	λ_s	T_h	Type
SDJCR1212J11-S-P	11	12	12	12	110	22	0°	0°	M8X1	DC .. 11T3 ..
SDJCR1616X11-S-P	11	16	16	16	120	22	0°	0°	G1/8"	
SDJCL1212J11-S-P	11	12	12	12	110	22	0°	0°	M8X1	DC .. 11T3 ..
SDJCL1616X11-S-P	11	16	16	16	120	22	0°	0°	G1/8"	

OrderpageText_MasterInsertFootnotev _x_DC .. 11T308 | Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com

Assembly parts

	Type h = h_1 [mm]	DC .. 11T3 .. 12	DC .. 11T3 .. 16
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 3 Nm	FS2119 (T15IP) 3 Nm
	G 1/8" threaded plug		FS2258 (SW 2)
	M8X1 threaded plug	FS2587 (SW 4)	
	Torx key	FS1496 (T15IP)	FS1496 (T15IP)

Accessories

	Type h = h_1 [mm]	DC .. 11T3 .. 12	DC .. 11T3 .. 16
	M8x1 angle connection	FS2596	
	M8x1 connection element	FS2597	
	Copper gasket	FS2598	

WALTER SELECT

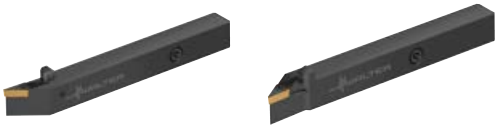
●● Primary application ● Other application

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

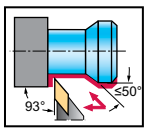
Shank tool – Screw clamping

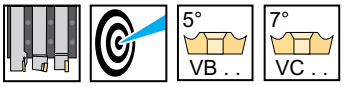
SVJB...-S-P mm

Walter Turn



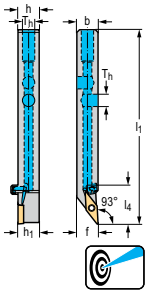
– Precision cooling
– For Swiss Machining





Tool

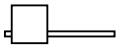
Designation		h = h_1 mm	b mm	f mm	l_1 mm	l_4 mm	γ	λ_s	T_h	Type
SVJBR1212J11-S-P	11	12	12	12	110	22	0°	0°	M8X1	VB .. 1103 ..
SVJBR1616X11-S-P	11	16	16	16	120	22	0°	0°	G1/8"	
SVJBL1212J11-S-P	11	12	12	12	110	22	0°	0°	M8X1	VB .. 1103 ..
SVJBL1616X11-S-P	11	16	16	16	120	22	0°	0°	G1/8"	



Square shank

OrderpageText_MasterInsertFootnotev _x_VB .. 110304 | Dimensional drawing shows right-hand version. | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com

Assembly parts

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

Accessories

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

WALTER SELECT

●● Primary application ● Other application

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

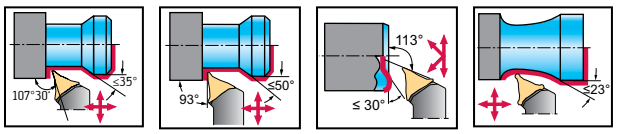
Shank tool – Copy turning system

W1011...-P mm

Walter Turn

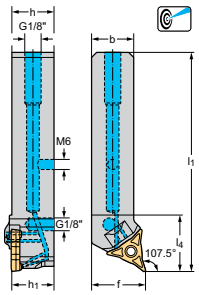


– Precision cooling





Tool



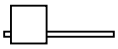
Square shank

Designation		h = h_1 mm	b mm	f mm	l_1 mm	l_4 mm	γ	λ_s	Type
★ W1011-2020R-WL17-P	17	20	20	25	125	25	0°	0°	WL17..
★ W1011-1616R-WL25-P	25	16	16	20	115	30	0°	0°	WL25..
W1011-2020R-WL25-P	25	20	20	25	115	33,5	0°	0°	
W1011-2525R-WL25-P	25	25	25	32	130	33,5	0°	0°	
★ W1011-3225R-WL25-P	25	32	25	32	140	36,5	0°	0°	
★ W1011-2020L-WL17-P	17	20	20	25	125	25	0°	0°	WL17..
★ W1011-1616L-WL25-P	25	16	16	20	115	30	0°	0°	WL25..
W1011-2020L-WL25-P	25	20	20	25	115	33,5	0°	0°	
W1011-2525L-WL25-P	25	25	25	32	130	33,5	0°	0°	
★ W1011-3225L-WL25-P	25	32	25	32	140	36,5	0°	0°	

OrderpageText_MasterInsertFootnotev _x_WL25-VC0708N-MM4 / WL17-VC050804N-FM4
Dimensional drawing shows right-hand version.
For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories"
The maximum recommended coolant pressure is 150 bar (2175 psi)
Refer to the Walter online catalogue for more product information: www.walter-tools.com
Bodies and assembly parts are included in the scope of delivery

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

Assembly parts

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

Indexable inserts

	Designation	r mm	l_e mm	f mm	a_p mm	P HC WKP01G	P HC WMP20S	P HC WPP10G	P HC WPP10S	P HC WPP20G	P HC WPP20S	M HC WMP20S	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKP01G	S HC WSM10S	S HC WSM20S	S HC WSM30S	H BC WBH20C
	WL25-RC0420N-MU6	2	7,2	0,12–0,40	0,5–2,0					☺	☺			☺	☹			☺	☹	
	WL25-RC0420NTM-3	2	3,2	0,02–0,50	0,1–2,0															☺
	WL25-RC0525N-MU6	2,5	6,9	0,12–0,45	0,5–2,5					☺				☺	☹			☺	☹	
	WL25-RC0525NTM-3	2,5	5	0,02–0,50	0,1–2,5															☺
	WL25-VC0702L-FM4	0,2	5,5	0,04–0,15	0,1–2,0								☺	☺			☺	☺		
	WL25-VC0704L-FM4	0,4	6,2	0,05–0,20	0,1–2,0								☺	☺			☺	☺		
	WL25-VC0704L-FP4	0,4	6,2	0,05–0,20	0,1–2,0	☺		☺		☺						☺				
	WL25-VC0704L-MM4	0,4	6,2	0,08–0,25	0,4–2,5		☺					☺		☺				☺		
	WL25-VC0704L-MP4	0,4	6,2	0,08–0,25	0,4–2,5			☺		☺	☺									
	WL25-VC0704LTM-3	0,4	3	0,05–0,20	0,1–0,5															☺
	WL25-VC0708L-FM4	0,8	6,6	0,08–0,25	0,2–2,0								☺	☺			☺	☺		
	WL25-VC0708L-FP4	0,8	6,6	0,08–0,25	0,2–2,0	☺		☺		☺						☺				
	WL25-VC0708L-MM4	0,8	6,6	0,12–0,32	0,5–2,5		☺					☺		☺				☺		
	WL25-VC0708L-MP4	0,8	6,6	0,12–0,32	0,5–2,5			☺	☺	☺										
	WL25-VC0708LTM-3	0,8	3	0,05–0,25	0,1–0,5															☺
	WL17-VC0502L-FM4	0,2	4,3	0,04–0,15	0,1–1,2								☺	☺			☺	☺		
	WL17-VC0504L-FM4	0,4	4,6	0,05–0,20	0,1–1,8								☺	☺			☺	☺		
	WL17-VC0508L-FM4	0,4	5	0,08–0,25	0,2–1,8								☺	☺			☺	☺		
	WL25-VC0702N-FM4	0,2	6	0,04–0,15	0,1–2,0								☺	☺			☺	☺		
	WL25-VC0704N-FM4	0,4	6,3	0,05–0,20	0,1–2,0								☺	☺			☺	☺		
	WL25-VC0704N-FP4	0,4	6,3	0,05–0,20	0,1–2,0	☺		☺		☺						☺				
	WL25-VC0704N-MM4	0,4	6,3	0,08–0,25	0,4–2,5		☺					☺	☺	☺			☺	☺		
	WL25-VC0704N-MP4	0,4	6,3	0,08–0,25	0,4–2,5			☺		☺	☺									
	WL25-VC0704NTM-3	0,4	3	0,05–0,20	0,1–0,5															☺
	WL25-VC0708N-FM4	0,8	7,1	0,08–0,25	0,2–2,0								☺	☺			☺	☺		
	WL25-VC0708N-FP4	0,8	7,1	0,08–0,25	0,2–2,0	☺		☺		☺						☺				
	WL25-VC0708N-MM4	0,8	7,1	0,12–0,32	0,5–2,5		☺					☺	☺	☺			☺	☺		
	WL25-VC0708N-MP4	0,8	7,1	0,12–0,32	0,5–2,5			☺	☺	☺	☺									
	WL25-VC0708NTM-3	0,8	3	0,05–0,25	0,1–0,5															☺
	WL25-VC0712N-MM4	1,2	7,4	0,12–0,35	0,5–2,5								☺	☺			☺	☺		
	WL25-VC0712N-MP4	1,2	7,4	0,12–0,35	0,5–2,5			☺	☺	☺										
	WL25-VC0716N-MM4	1,6	8,7	0,12–0,40	0,5–2,5								☺	☺			☺	☺		
	WL25-VC0716N-MP4	1,6	8,7	0,12–0,40	0,5–2,5			☺		☺										
	WL17-VC0502N-FM4	0,2	4,6	0,04–0,15	0,1–1,2								☺	☺			☺	☺		
	WL17-VC0504N-FM4	0,4	5	0,05–0,20	0,1–1,8								☺	☺			☺	☺		
	WL17-VC0504N-FP4	0,4	5	0,05–0,20	0,1–1,8					☹										
	WL17-VC0504N-MM4	0,4	5	0,08–0,25	0,4–2,0		☹					☹	☺	☺			☺	☺		
	WL17-VC0504N-MP4	0,4	5	0,05–0,20	0,1–1,8					☹										
	WL17-VC0508N-FM4	0,8	5,7	0,08–0,25	0,2–1,8								☺	☺			☺	☺		
	WL17-VC0508N-FP4	0,8	5,7	0,08–0,25	0,2–1,8					☹										
	WL17-VC0508N-MM4	0,8	5,7	0,12–0,30	0,5–2,0		☹					☹	☺	☺			☺	☺		
	WL17-VC0508N-MP4	0,8	5,7	0,12–0,30	0,5–2,0					☹										

HC = Coated carbide
BC = Coated CBN

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

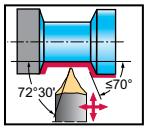
Shank tool – Copy turning system

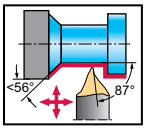
W1010...-P mm

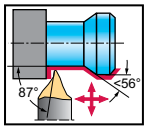
Walter Turn

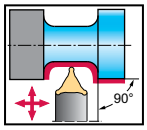


– Precision cooling



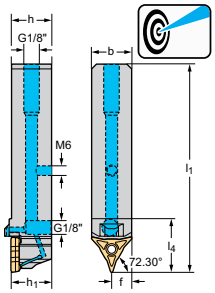








Tool



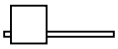
Square shank

Designation		h = h_1 mm	b mm	f mm	l_1 mm	l_4 mm	γ	λ_s	Type
★ W1010-1616N-WL17-P	17	16	16	8	120	22	0°	0°	WL17..
W1010-2020N-WL25-P	25	20	20	10	115	33,5	0°	0°	WL25..
W1010-2525N-WL25-P	25	25	25	13	130	33,5	0°	0°	

OrderpageText_MasterInsertFootnotev _x_WL17-VC050804N-FM4 / WL25-VC0708N-MM4
The maximum recommended coolant pressure is 150 bar (2175 psi)
For the connection set for internal coolant supply with G1/8" thread, see "Assembly parts and accessories"
Refer to the Walter online catalogue for more product information: www.walter-tools.com
Bodies and assembly parts are included in the scope of delivery

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

Assembly parts

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

Indexable inserts

	Designation	r mm	l_e mm	f mm	a_p mm	P HC WKP01G	P HC WMP20S	P HC WPP10G	P HC WPP10S	P HC WPP20G	P HC WPP20S	M HC WMP20S	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKP01G	S HC WSM10S	S HC WSM20S	S HC WSM30S	H BC WBH20C
	WL17-VC0502L-FM4	0,2	4,3	0,04–0,15	0,1–1,2								☻	☻			☻	☻		
	WL17-VC0504L-FM4	0,4	4,6	0,05–0,20	0,1–1,8								☻	☻			☻	☻		
	WL17-VC0508L-FM4	0,4	5	0,08–0,25	0,2–1,8								☻	☻			☻	☻		
	WL25-VC0702L-FM4	0,2	5,5	0,04–0,15	0,1–2,0								☻	☻			☻	☻		
	WL25-VC0704L-FM4	0,4	6,2	0,05–0,20	0,1–2,0								☺	☺			☺	☺		
	WL25-VC0704L-FP4	0,4	6,2	0,05–0,20	0,1–2,0	☻		☺		☺						☻				
	WL25-VC0704L-MM4	0,4	6,2	0,08–0,25	0,4–2,5		☺					☺		☺				☺		
	WL25-VC0704L-MP4	0,4	6,2	0,08–0,25	0,4–2,5			☺		☺	☺									
	WL25-VC0704LTM-3	0,4	3	0,05–0,20	0,1–0,5															☺
	WL25-VC0708L-FM4	0,8	6,6	0,08–0,25	0,2–2,0								☺	☺			☺	☺		
	WL25-VC0708L-FP4	0,8	6,6	0,08–0,25	0,2–2,0	☻		☺		☺						☻				
	WL25-VC0708L-MM4	0,8	6,6	0,12–0,32	0,5–2,5		☺					☺		☺				☺		
	WL25-VC0708L-MP4	0,8	6,6	0,12–0,32	0,5–2,5			☺	☺	☺										
	WL25-VC0708LTM-3	0,8	3	0,05–0,25	0,1–0,5															☺
	WL17-VC0502N-FM4	0,2	4,6	0,04–0,15	0,1–1,2								☻	☻			☻	☻		
	WL17-VC0504N-FM4	0,4	5	0,05–0,20	0,1–1,8								☻	☻			☻	☻		
	WL17-VC0504N-FP4	0,4	5	0,05–0,20	0,1–1,8					☻										
	WL17-VC0504N-MM4	0,4	5	0,08–0,25	0,4–2,0		☻					☻	☻	☻			☻	☻		
	WL17-VC0504N-MP4	0,4	5	0,05–0,20	0,1–1,8					☻										
	WL17-VC0508N-FM4	0,8	5,7	0,08–0,25	0,2–1,8								☻	☻			☻	☻		
	WL17-VC0508N-FP4	0,8	5,7	0,08–0,25	0,2–1,8					☻										
	WL17-VC0508N-MM4	0,8	5,7	0,12–0,30	0,5–2,0		☻					☻	☻	☻			☻	☻		
	WL17-VC0508N-MP4	0,8	5,7	0,12–0,30	0,5–2,0					☻										
	WL25-VC0702N-FM4	0,2	6	0,04–0,15	0,1–2,0								☺	☺			☺	☺		
	WL25-VC0704N-FM4	0,4	6,3	0,05–0,20	0,1–2,0								☺	☺			☺	☺		
	WL25-VC0704N-FP4	0,4	6,3	0,05–0,20	0,1–2,0	☻		☺		☺						☻				
	WL25-VC0704N-MM4	0,4	6,3	0,08–0,25	0,4–2,5		☺					☺	☺	☺			☺	☺		
	WL25-VC0704N-MP4	0,4	6,3	0,08–0,25	0,4–2,5			☺		☺	☺									
	WL25-VC0704NTM-3	0,4	3	0,05–0,20	0,1–0,5															☺
	WL25-VC0708N-FM4	0,8	7,1	0,08–0,25	0,2–2,0								☺	☺			☺	☺		
	WL25-VC0708N-FP4	0,8	7,1	0,08–0,25	0,2–2,0	☻		☺		☺						☻				
	WL25-VC0708N-MM4	0,8	7,1	0,12–0,32	0,5–2,5		☺					☺	☺	☺			☺	☺		
	WL25-VC0708N-MP4	0,8	7,1	0,12–0,32	0,5–2,5			☺	☺	☺	☺									
	WL25-VC0708NTM-3	0,8	3	0,05–0,25	0,1–0,5															☺
	WL25-VC0712N-MM4	1,2	7,4	0,12–0,35	0,5–2,5								☺	☺			☺	☺		
	WL25-VC0712N-MP4	1,2	7,4	0,12–0,35	0,5–2,5			☺	☺	☺										
	WL25-VC0716N-MM4	1,6	8,7	0,12–0,40	0,5–2,5								☺	☺			☺	☺		
	WL25-VC0716N-MP4	1,6	8,7	0,12–0,40	0,5–2,5			☺		☺										

HC = Coated carbide
BC = Coated CBN

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

Shank tool – Copy turning system

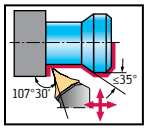
W1011...-S-P mm

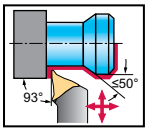
Walter Turn

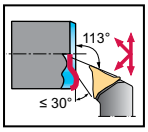


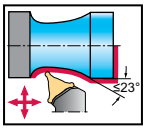


– Precision cooling
– For Swiss Machining



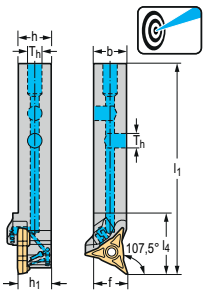








Tool



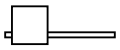
Square shank

Designation	h = h1 mm	b mm	f mm	l1 mm	l4 mm	γ	λs	Th	Type
★ W1011-1212R-WL17-S-P	17	12	12	12	110	22	0°	0°	M8X1	WL17..
★ W1011-1616R-WL17-S-P	17	16	16	16	110	22	0°	0°	G1/8"	
★ W1011-1212L-WL17-S-P	17	12	12	12	110	22	0°	0°	M8X1	WL17..
★ W1011-1616L-WL17-S-P	17	16	16	16	110	22	0°	0°	G1/8"	

OrderpageText_MasterInsertFootnotev _x_WL17-VC050804R-FM4
Dimensional drawing shows right-hand version.
The maximum recommended coolant pressure is 150 bar (2175 psi)
Refer to the Walter online catalogue for more product information: www.walter-tools.com
Bodies and assembly parts are included in the scope of delivery

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

Assembly parts

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

Accessories

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

Indexable inserts

	Designation	r mm	l_e mm	f mm	a_p mm	P HC WMP20S	P HC WPP20G	M HC WMP20S	M HC WSM10S	M HC WSM20S	S HC WSM10S	S HC WSM20S
	WL17-VC0502L-FM4	0,2	4,3	0,04–0,15	0,1–1,2				☺	😐	☺	😐
	WL17-VC0504L-FM4	0,4	4,6	0,05–0,20	0,1–1,8				☺	😐	☺	😐
	WL17-VC0508L-FM4	0,4	5	0,08–0,25	0,2–1,8				☺	😐	☺	😐
	WL17-VC0502N-FM4	0,2	4,6	0,04–0,15	0,1–1,2				☺	😐	☺	😐
	WL17-VC0504N-FM4	0,4	5	0,05–0,20	0,1–1,8				☺	😐	☺	😐
	WL17-VC0504N-FP4	0,4	5	0,05–0,20	0,1–1,8		😐					
	WL17-VC0504N-MM4	0,4	5	0,08–0,25	0,4–2,0	😐		😐	☺	😐	☺	😐
	WL17-VC0504N-MP4	0,4	5	0,05–0,20	0,1–1,8		😐					
	WL17-VC0508N-FM4	0,8	5,7	0,08–0,25	0,2–1,8				☺	😐	☺	😐
	WL17-VC0508N-FP4	0,8	5,7	0,08–0,25	0,2–1,8		😐					
	WL17-VC0508N-MM4	0,8	5,7	0,12–0,30	0,5–2,0	😐		😐	☺	😐	☺	😐
	WL17-VC0508N-MP4	0,8	5,7	0,12–0,30	0,5–2,0		😐					
	WL17-VC0502R-FM4	0,2	4,3	0,04–0,15	0,1–1,2				☺	😐	☺	😐
	WL17-VC0504R-FM4	0,4	4,6	0,05–0,20	0,1–1,8				☺	😐	☺	😐
	WL17-VC0508R-FM4	0,4	5	0,08–0,25	0,2–1,8				☺	😐	☺	😐

HC = Coated carbide

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

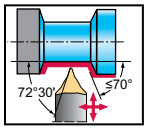
Turning tools – Copy turning system

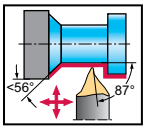
W1010-C...-P mm

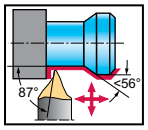
Walter Turn

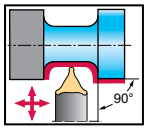


– Precision cooling
– TM





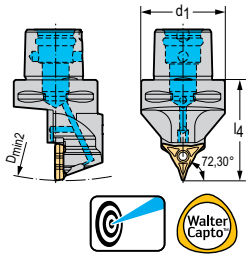






Tool

Designation		d_1	f mm	l_4 mm	D_{min} mm	D_{min2} mm	γ	λ_s	Type
★ W1010-C4N-WL25-P	25	C4	0	50		200	0°	0°	WL25..
★ W1010-C5N-WL25-P	25	C5	0	60		200	0°	0°	
★ W1010-C6N-WL25-P	25	C6	0	65		200	0°	0°	

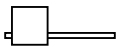


Walter Capto™ in acc. with ISO 26623

OrderpageText_MasterInsertFootnotev _x_WL25-VC0708N-MM4
The maximum recommended coolant pressure is 150 bar (2175 psi)
Refer to the Walter online catalogue for more product information: www.walter-tools.com
Bodies and assembly parts are included in the scope of delivery

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

Assembly parts

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

Indexable inserts

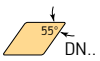
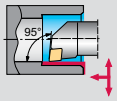
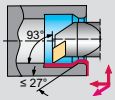
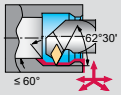
	Designation	r mm	l_e mm	f mm	a_p mm	P HC WKP01G	P HC WMP20S	P HC WPP10G	P HC WPP10S	P HC WPP20G	P HC WPP20S	M HC WMP20S	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKP01G	S HC WSM10S	S HC WSM20S	S HC WSM30S	H BC WBH20C
	WL25-RC0420N-MU6	2	7,2	0,12–0,40	0,5–2,0					●	●			●	✕			●	✕	
	WL25-RC0420NTM-3	2	3,2	0,02–0,50	0,1–2,0															●
	WL25-RC0525N-MU6	2,5	6,9	0,12–0,45	0,5–2,5					●				●	✕			●	✕	
	WL25-RC0525NTM-3	2,5	5	0,02–0,50	0,1–2,5															●
	WL25-VC0702L-FM4	0,2	5,5	0,04–0,15	0,1–2,0								◉	◉			◉	◉		
	WL25-VC0704L-FM4	0,4	6,2	0,05–0,20	0,1–2,0								●	●			●	●		
	WL25-VC0704L-FP4	0,4	6,2	0,05–0,20	0,1–2,0	◉		●		●						◉				
	WL25-VC0704L-MM4	0,4	6,2	0,08–0,25	0,4–2,5		●					●		●				●		
	WL25-VC0704L-MP4	0,4	6,2	0,08–0,25	0,4–2,5			●		●	●									
	WL25-VC0704LTM-3	0,4	3	0,05–0,20	0,1–0,5															●
	WL25-VC0708L-FM4	0,8	6,6	0,08–0,25	0,2–2,0								●	●			●	●		
	WL25-VC0708L-FP4	0,8	6,6	0,08–0,25	0,2–2,0	◉		●		●						◉				
	WL25-VC0708L-MM4	0,8	6,6	0,12–0,32	0,5–2,5		●					●		●				●		
	WL25-VC0708L-MP4	0,8	6,6	0,12–0,32	0,5–2,5			●	●	●										
	WL25-VC0708LTM-3	0,8	3	0,05–0,25	0,1–0,5															●
	WL25-VC0702N-FM4	0,2	6	0,04–0,15	0,1–2,0								●	●			●	●		
	WL25-VC0704N-FM4	0,4	6,3	0,05–0,20	0,1–2,0								●	●			●	●		
	WL25-VC0704N-FP4	0,4	6,3	0,05–0,20	0,1–2,0	◉		●		●						◉				
	WL25-VC0704N-MM4	0,4	6,3	0,08–0,25	0,4–2,5		●					●	●	●			●	●		
	WL25-VC0704N-MP4	0,4	6,3	0,08–0,25	0,4–2,5			●		●	●									
	WL25-VC0704NTM-3	0,4	3	0,05–0,20	0,1–0,5															●
	WL25-VC0708N-FM4	0,8	7,1	0,08–0,25	0,2–2,0								●	●			●	●		
	WL25-VC0708N-FP4	0,8	7,1	0,08–0,25	0,2–2,0	◉		●		●						◉				
	WL25-VC0708N-MM4	0,8	7,1	0,12–0,32	0,5–2,5		●					●	●	●			●	●		
	WL25-VC0708N-MP4	0,8	7,1	0,12–0,32	0,5–2,5			●	●	●	●									
	WL25-VC0708NTM-3	0,8	3	0,05–0,25	0,1–0,5															●
	WL25-VC0712N-MM4	1,2	7,4	0,12–0,35	0,5–2,5								●	●			●	●		
	WL25-VC0712N-MP4	1,2	7,4	0,12–0,35	0,5–2,5			●	●	●										
	WL25-VC0716N-MM4	1,6	8,7	0,12–0,40	0,5–2,5								●	●			●	●		
	WL25-VC0716N-MP4	1,6	8,7	0,12–0,40	0,5–2,5			●		●										
	WL25-VC0702R-FM4	0,2	5,5	0,04–0,15	0,1–2,0								◉	◉			◉	◉		
	WL25-VC0704R-FM4	0,4	6,2	0,05–0,20	0,1–2,0								●	●			●	●		
	WL25-VC0704R-FP4	0,4	6,2	0,05–0,20	0,1–2,0	◉		●		●						◉				
	WL25-VC0704R-MM4	0,4	6,2	0,08–0,25	0,4–2,5		●					●		●				●		
	WL25-VC0704R-MP4	0,4	6,2	0,08–0,25	0,4–2,5			●		●	●									
	WL25-VC0704RTM-3	0,4	3	0,05–0,20	0,1–0,5															●
	WL25-VC0708R-FM4	0,8	6,6	0,08–0,25	0,2–2,0								●	●			●	●		
	WL25-VC0708R-FP4	0,8	6,6	0,08–0,25	0,2–2,0	◉		●		●						◉				
	WL25-VC0708R-MM4	0,8	6,6	0,12–0,32	0,5–2,5		●					●		●				●		
	WL25-VC0708R-MP4	0,8	6,6	0,12–0,32	0,5–2,5			●	●	●	●									
	WL25-VC0708RTM-3	0,8	3	0,05–0,25	0,1–0,5															●

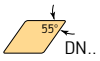
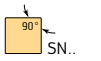
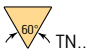
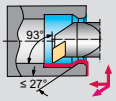
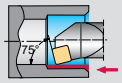
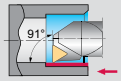
HC = beschichtetes Hartmetall
BC = beschichtetes CBN

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

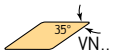
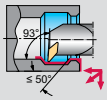
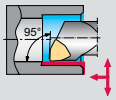
● ◉ ✕ / ★ = New addition to the product range

Boring 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	A-PCLN	A-DDUN	A-DDXN

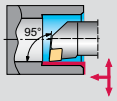
Type			
Machining			
				
Designation	**A...-PDUN**	**A...-DSKN**	**A...-PSKN**	**A...-DTFN**
Approach angle	93°	75°	75°	91°
Clamping system	Lever-type	Claw	Lever-type	Claw
Coolant supply	axial	axial	axial	axial
Boring bar Ø d_1 [mm]	25–40	25–40	25–32	25–50
Boring bar Ø d_1 [inch]				0,750–2,000
Insert size l [mm]	11–15	12–15	12	16–22
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A-PDUN	A-DSKN	A-PSKN	A-DTFN

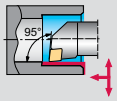
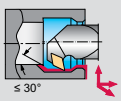
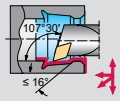
Boring bars – Negative basic shape

Type		
Machining		
		

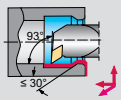
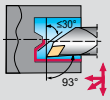
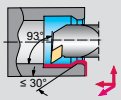
Designation	A...-DVUN	A...-DWLN	A...-PWLN
Approach angle	93°	95°	95°
Clamping system	Claw	Claw	Lever-type
Coolant supply	axial	axial	axial
Boring bar Ø d_1 [mm]	40	25–50	20–32
Boring bar Ø d_1 [inch]	1,250–1,500	1,000–2,000	
Insert size l [mm]	16	6–10	6–8
Page in catalogue			
QR code			
www.walter-tools.com/woc/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

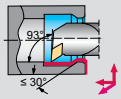
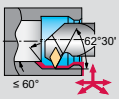
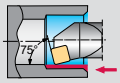
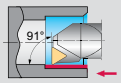
Boring bars – Positive basic shape

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				
www.walter-tools.com/woc/	A-SCLC	A-SCLC-R	E-SCLC	E-SCLC-R

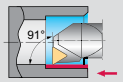
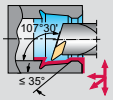
Type				
Machining				
				
Designation	**A...-SCLP**	**E...-SCLP**	**A...-SDUC...-X**	**A...-SDQC**
Approach angle	95°	95°	123°	107,5°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
Boring bar Ø d_1 [mm]			16–32	12–25
Boring bar Ø d_1 [inch]	0,312–1,000	0,375–0,500	1,000–1,250	
Insert size l [mm]	6–9	6	7–11	7–11
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A-SCLP-E-SCLP	E-SCLP	A-SDUC-X	A-SDQC

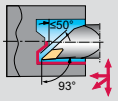
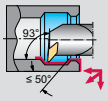
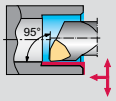
Boring bars – Positive basic shape

Type				
				
Machining				
				
Designation	**A...-SDUC...-R**	**A...-SDJC**	**A...-SDUC**	**E...-SDUC**
Approach angle	93°	93°	93°	93°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
Boring bar Ø d_1 [mm]	10–20	16–25	10–32	
Boring bar Ø d_1 [inch]			0,375–1,000	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-SDUC-R	A-SDJC	A-SDUC	E-SDUC

Type				
				
Machining				
				
Designation	**E...-SDUC...-R**	**A...-SDXC...**	**A...-SSKC**	**A...-STFC**
Approach angle	93°	62,5°	75°	91°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
Boring bar Ø d_1 [mm]	10–25	12–25	16–25	6–32
Boring bar Ø d_1 [inch]				0,375–1,250
Insert size l [mm]	7–11	7–11	9–12	6–16
Page in catalogue				
QR code				
www.walter-tools.com/woc/	E-SDUC-R	A-SDXC	A-SSKC	A-STFC

Boring bars – Positive basic shape

Type				
		60° TC..		35° VB../VC..
Machining				
				
Designation	**A...-STFC...-R**	**E...-STFC**	**E...-STFC...-R**	**A...-SVQB**
Approach angle	91°	91°	91°	107,5°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
Boring bar Ø d_1 [mm]	6–16		6–25	16–40
Boring bar Ø d_1 [inch]		0,375–1,000		
Insert size l [mm]	6–11	9–16	6–16	11–16
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A-STFC-R	E-STFC	E-STFC-R	A-SVQB

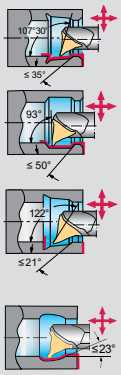
Type				
		35° VB../VC..		80° WC..
Machining				
				
Designation	**A...-SVJB**	**A...-SVUB**	**E...-SWLC**	**A...-SWLC**
Approach angle	93°	93°	95°	95°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
Boring bar Ø d_1 [mm]	16–20	16–40		10–32
Boring bar Ø d_1 [inch]		0,625–1,500	0,375–0,500	0,375–1,000
Insert size l [mm]	11	11–16	4	4–8
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A-SVJB	A-SVUB	E-SWLC	A-SWLC

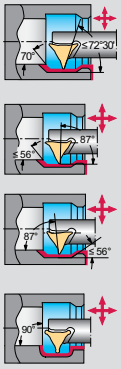
Boring bars – WL Copy turning system

Type



Machining





Selection

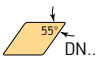
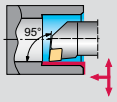
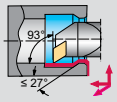
Selection



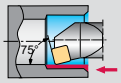
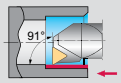
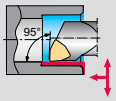


Designation	W1211	W1210
Approach angle	107,5°	72,5°
Clamping system	Screw	Screw
Coolant supply	axial	axial
Boring bar Ø d_1 [mm]	12–40	12–40
Boring bar Ø d_1 [inch]	1,000–1,250	
Insert size l [mm]	17–25	17–25
Page in catalogue	A 96	A 102
QR code		
www.walter-tools.com/woc/	W1211	W1210

Walter Capto™ boring bars – Negative basic shape

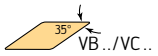
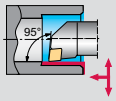
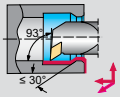
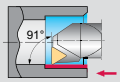
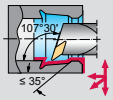
Type		
Machining		

				
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

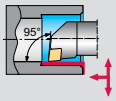
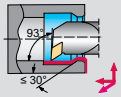
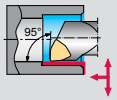
Type			
Machining			

				
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

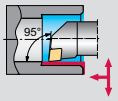
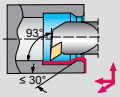
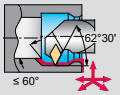
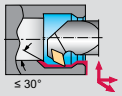
Walter Capto™ boring bars – Positive basic shape

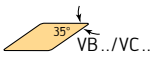
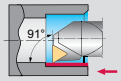
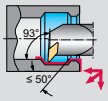
Type				
Machining				
				
Designation	**C...-SCLC**	**C...-SDUC**	**C...-STFC**	**C...-SVQB**
Approach angle	95°	93°	91°	107,5°
Clamping system	Screw	Screw	Screw	Screw
Coolant supply	axial	axial	axial	axial
Walter Capto™ size	C3–C5	C3–C5	C4–C5	C3–C6
Boring bar Ø d_2 [mm]	16–50	16–40	16–32	16–50
Insert 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

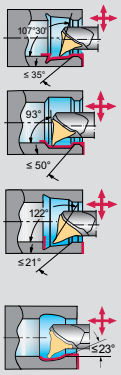
Type			
Machining			
			
Designation	**Q...-DCLN**	**Q...-DDUN**	**Q...-DWLN**
Approach angle	95°	93°	95°
Clamping system	Claw	Claw	Claw
Coolant supply	axial	axial	axial
QuadFit size	Q32–Q50	Q32–Q50	Q32–Q50
Insert size l [mm]	12–16	11–15	6–8
Page in catalogue			
QR code			
www.walter-tools.com/woc/	Q-DCLN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

Selection



Designation	**W1211-Q...**
Approach angle	107,5°
Clamping system	Screw
Coolant supply	Precision cooling
Shank size h [mm]	Q32–Q50
Shank size h [Inch]	
Insert size l [mm]	25
Page in catalogue	A 106
QR code	
www.walter-tools.com/woc/	W1211-Q

Vibration-damped boring bar adaptor









	Cylinder shaft adaptor – vibration damped	Walter Capto™ Adaptor – vibration damped	HSK-T adaptor – vibration damped	Cylinder shaft adaptor – vibration damped
Designation	**A3000**	**A3000-C**	**A3000-HSK-T**	**A3001**
Machine-side	Parallel shank with clamping surface	Walter Capto™ in acc. with ISO 26623	HSK DIN 69893-7	Cylindrical shank
Tool-side	Q25 - Q50	Q25 - Q50	Q25 - Q50	QL60 - QL100
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A3000	A3000-C	A3000-HSK-T	A3001





	Walter Capto™ Adaptor – vibration damped	HSK-T adaptor – vibration damped
Designation	**A3001-C**	**A3001-HSK-T**
Machine-side	Walter Capto™ in acc. with ISO 26623	HSK DIN 69893-7
Tool-side	QL60 - QL80	QL60 - QL80
Page in catalogue		
QR code		
www.walter-tools.com/woc/	A3001-C	A3001-HSK-T

Boring bar – Copy turning system

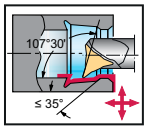
W1211 mm

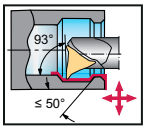
Walter Turn

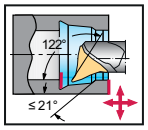


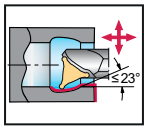


– Double internal coolant supply



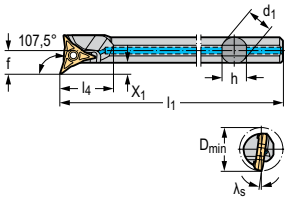








Tool



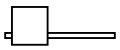
Parallel shank with clamping surface

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

OrderpageText_MasterInsertFootnotev _x_WL17-VC050804N-FM4
Dimensional drawing shows right-hand version.
The maximum recommended coolant pressure is 80 bar (1160 psi)
Refer to the Walter online catalogue for more product information: www.walter-tools.com
Bodies and assembly parts are included in the scope of delivery

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

Assembly parts

	Type d_1 [mm]	WL17.. 12–20
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm
	Torx key	FS1466 (T9IP)

Indexable inserts

	Designation	r mm	l_e mm	f mm	a_p mm	P HC WMP20S	P HC WPP20G	M HC WMP20S	M HC WSM10S	M HC WSM20S	S HC WSM10S	S HC WSM20S
	WL17-VC0502L-FM4	0,2	4,3	0,04–0,15	0,1–1,2				☺	😐	☺	😐
	WL17-VC0504L-FM4	0,4	4,6	0,05–0,20	0,1–1,8				☺	😐	☺	😐
	WL17-VC0508L-FM4	0,4	5	0,08–0,25	0,2–1,8				☺	😐	☺	😐
	WL17-VC0502N-FM4	0,2	4,6	0,04–0,15	0,1–1,2				☺	😐	☺	😐
	WL17-VC0504N-FM4	0,4	5	0,05–0,20	0,1–1,8				☺	😐	☺	😐
	WL17-VC0504N-FP4	0,4	5	0,05–0,20	0,1–1,8		😐					
	WL17-VC0504N-MM4	0,4	5	0,08–0,25	0,4–2,0	😐		😐	☺	😐	☺	😐
	WL17-VC0504N-MP4	0,4	5	0,05–0,20	0,1–1,8		😐					
	WL17-VC0508N-FM4	0,8	5,7	0,08–0,25	0,2–1,8				☺	😐	☺	😐
	WL17-VC0508N-FP4	0,8	5,7	0,08–0,25	0,2–1,8		😐					
	WL17-VC0508N-MM4	0,8	5,7	0,12–0,30	0,5–2,0	😐		😐	☺	😐	☺	😐
	WL17-VC0508N-MP4	0,8	5,7	0,12–0,30	0,5–2,0		😐					
	WL17-VC0502R-FM4	0,2	4,3	0,04–0,15	0,1–1,2				☺	😐	☺	😐
	WL17-VC0504R-FM4	0,4	4,6	0,05–0,20	0,1–1,8				☺	😐	☺	😐
	WL17-VC0508R-FM4	0,4	5	0,08–0,25	0,2–1,8				☺	😐	☺	😐

HC = Coated carbide

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

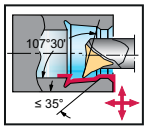
Boring bar – Copy turning system

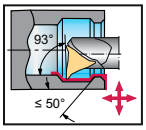
W1211 mm

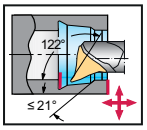
Walter Turn

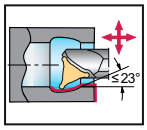


– Double internal coolant supply
– Additional coolant hole for blind hole machining





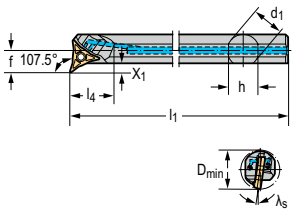






Tool

Designation		D_{min} mm	d_1 mm	f mm	h mm	l_1 mm	l_4 mm	X_1 mm	γ	λ_s	Type
W1211-25TR-WL25	25	32	25	17	23	300	35	7	-1,3°	-7,5°	WL25..
W1211-32TR-WL25	25	40	32	23	30	300	45	9,5	-1,3°	-7,5°	
W1211-40TR-WL25	25	50	40	27,5	37	300	54	10	-1,3°	-7,5°	
W1211-25TL-WL25	25	32	25	17	23	300	35	7	-1,3°	-7,5°	WL25..
W1211-32TL-WL25	25	40	32	23	30	300	45	9,5	-1,3°	-7,5°	
W1211-40TL-WL25	25	50	40	27,5	37	300	54	10	-1,3°	-7,5°	

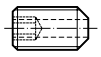
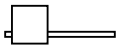


Parallel shank with clamping surface

OrderpageText_MasterInsertFootnotev _x_WL25-VC0708N-MM4
Dimensional drawing shows right-hand version.
The maximum recommended coolant pressure is 80 bar (1160 psi)
Refer to the Walter online catalogue for more product information: www.walter-tools.com
Bodies and assembly parts are included in the scope of delivery

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

Assembly parts

	Type d_1 [mm]	WL25.. 25–40
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm
	Threaded plug	FS2082 (T6IP)
	Torx key	FS1464 (T20IP)

Accessories

	Type d_1 [mm]	WL25.. 25	WL25.. 32	WL25.. 40
	Coolant sealing adapter	CN3000-25-8.5	CN3000-32-8.5	CN3000-40-11.5

Indexable inserts

	Designation	r mm	l_e mm	f mm	a_p mm	P HC WKP01G	P HC WMP20S	P HC WPP10G	P HC WPP10S	P HC WPP20G	P HC WPP20S	M HC WMP20S	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKP01G	S HC WSM10S	S HC WSM20S	S HC WSM30S	H BC WBH20C
	WL25-RC0420N-MU6	2	7,2	0,12–0,40	0,5–2,0					😐	😐			😐	😵			😐	😵	
	WL25-RC0420NTM-3	2	3,2	0,02–0,50	0,1–2,0															😐
	WL25-RC0525N-MU6	2,5	6,9	0,12–0,45	0,5–2,5					😐				😐	😵			😐	😵	
	WL25-RC0525NTM-3	2,5	5	0,02–0,50	0,1–2,5															😐
	WL25-VC0702L-FM4	0,2	5,5	0,04–0,15	0,1–2,0								😟	😟			😟	😟		
	WL25-VC0704L-FM4	0,4	6,2	0,05–0,20	0,1–2,0								😐	😐			😐	😐		
	WL25-VC0704L-FP4	0,4	6,2	0,05–0,20	0,1–2,0	😟		😐		😐						😟				
	WL25-VC0704L-MM4	0,4	6,2	0,08–0,25	0,4–2,5		😐					😐		😐				😐		
	WL25-VC0704L-MP4	0,4	6,2	0,08–0,25	0,4–2,5			😐		😐	😐									
	WL25-VC0704LTM-3	0,4	3	0,05–0,20	0,1–0,5															😐
	WL25-VC0708L-FM4	0,8	6,6	0,08–0,25	0,2–2,0								😐	😐			😐	😐		
	WL25-VC0708L-FP4	0,8	6,6	0,08–0,25	0,2–2,0	😟		😐		😐						😟				
	WL25-VC0708L-MM4	0,8	6,6	0,12–0,32	0,5–2,5		😐					😐		😐				😐		
	WL25-VC0708L-MP4	0,8	6,6	0,12–0,32	0,5–2,5			😐	😐	😐										
	WL25-VC0708LTM-3	0,8	3	0,05–0,25	0,1–0,5															😐
	WL25-VC0702N-FM4	0,2	6	0,04–0,15	0,1–2,0								😐	😐			😐	😐		
	WL25-VC0704N-FM4	0,4	6,3	0,05–0,20	0,1–2,0								😐	😐			😐	😐		
	WL25-VC0704N-FP4	0,4	6,3	0,05–0,20	0,1–2,0	😟		😐		😐						😟				
	WL25-VC0704N-MM4	0,4	6,3	0,08–0,25	0,4–2,5		😐					😐	😐	😐			😐	😐		
	WL25-VC0704N-MP4	0,4	6,3	0,08–0,25	0,4–2,5			😐		😐	😐									
	WL25-VC0704NTM-3	0,4	3	0,05–0,20	0,1–0,5															😐
	WL25-VC0708N-FM4	0,8	7,1	0,08–0,25	0,2–2,0								😐	😐			😐	😐		
	WL25-VC0708N-FP4	0,8	7,1	0,08–0,25	0,2–2,0	😟		😐		😐						😟				
	WL25-VC0708N-MM4	0,8	7,1	0,12–0,32	0,5–2,5		😐					😐	😐	😐			😐	😐		
	WL25-VC0708N-MP4	0,8	7,1	0,12–0,32	0,5–2,5			😐	😐	😐	😐									
	WL25-VC0708NTM-3	0,8	3	0,05–0,25	0,1–0,5															😐
	WL25-VC0712N-MM4	1,2	7,4	0,12–0,35	0,5–2,5								😐	😐			😐	😐		
	WL25-VC0712N-MP4	1,2	7,4	0,12–0,35	0,5–2,5			😐	😐	😐										
	WL25-VC0716N-MM4	1,6	8,7	0,12–0,40	0,5–2,5								😐	😐			😐	😐		
	WL25-VC0716N-MP4	1,6	8,7	0,12–0,40	0,5–2,5			😐		😐										

HC = Coated carbide
BC = Coated CBN

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

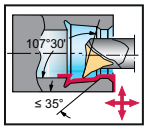
Boring bar – Copy turning system

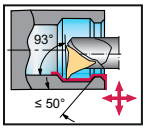
W1211 inch

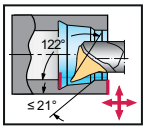
Walter Turn

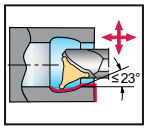


– Double internal coolant supply
– Additional coolant hole for blind hole machining





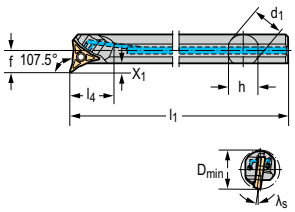






Tool

Designation		D_{min} inch	d_1 inch	f inch	h inch	l_1 inch	l_4 inch	X_1 inch	γ	λ_s	Type
★ W1211.16TR-WL25	25	1,260	1,000	0,669	0,906	12,049	1,378	0,217	-1,3°	-7,5°	WL25..
★ W1211.20TR-WL25	25	1,575	1,250	0,906	1,181	12,049	1,772	0,315	-1,3°	-7,5°	
★ W1211.16TL-WL25	25	1,260	1,000	0,669	0,906	12,049	1,378	0,217	-1,3°	-7,5°	WL25..
★ W1211.20TL-WL25	25	1,575	1,250	0,906	1,181	12,049	1,772	0,315	-1,3°	-7,5°	

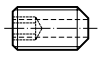
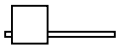


Parallel shank with clamping surface

OrderpageText_MasterInsertFootnotev _x_WL25-VC0708N-MM4
Dimensional drawing shows right-hand version.
The maximum recommended coolant pressure is 80 bar (1160 psi)
Refer to the Walter online catalogue for more product information: www.walter-tools.com
Bodies and assembly parts are included in the scope of delivery

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

Assembly parts

	Type d_1 [inch]	WL25.. 1.000–1.250
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm
	Threaded plug	FS2082 (T6IP)
	Torx key	FS1464 (T20IP)

Accessories

	Type d_1 [inch]	WL25.. 1.000	WL25.. 1.250
	Coolant sealing adapter	CN3000-25-8.5	CN3000-32-8.5

Indexable inserts

	Designation	r mm	l_e mm	f mm	a_p mm	P HC WKP01G	P HC WMP20S	P HC WPP10G	P HC WPP10S	P HC WPP20G	P HC WPP20S	M HC WMP20S	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKP01G	S HC WSM10S	S HC WSM20S	S HC WSM30S	H BC WBH20C
	WL25-RC0420N-MU6	2	7,2	0,12–0,40	0,5–2,0					☻	☻			☻	☹			☻	☹	
	WL25-RC0420NTM-3	2	3,2	0,02–0,50	0,1–2,0															☻
	WL25-RC0525N-MU6	2,5	6,9	0,12–0,45	0,5–2,5					☻				☻	☹			☻	☹	
	WL25-RC0525NTM-3	2,5	5	0,02–0,50	0,1–2,5															☻
	WL25-VC0702L-FM4	0,2	5,5	0,04–0,15	0,1–2,0								☻	☻			☻	☻		
	WL25-VC0704L-FM4	0,4	6,2	0,05–0,20	0,1–2,0								☻	☻			☻	☻		
	WL25-VC0704L-FP4	0,4	6,2	0,05–0,20	0,1–2,0	☻		☻		☻						☻				
	WL25-VC0704L-MM4	0,4	6,2	0,08–0,25	0,4–2,5		☻					☻		☻				☻		
	WL25-VC0704L-MP4	0,4	6,2	0,08–0,25	0,4–2,5			☻		☻	☻									
	WL25-VC0704LTM-3	0,4	3	0,05–0,20	0,1–0,5															☻
	WL25-VC0708L-FM4	0,8	6,6	0,08–0,25	0,2–2,0								☻	☻			☻	☻		
	WL25-VC0708L-FP4	0,8	6,6	0,08–0,25	0,2–2,0	☻		☻		☻						☻				
	WL25-VC0708L-MM4	0,8	6,6	0,12–0,32	0,5–2,5		☻					☻		☻				☻		
	WL25-VC0708L-MP4	0,8	6,6	0,12–0,32	0,5–2,5			☻	☻	☻										
	WL25-VC0708LTM-3	0,8	3	0,05–0,25	0,1–0,5															☻
	WL25-VC0702N-FM4	0,2	6	0,04–0,15	0,1–2,0								☻	☻			☻	☻		
	WL25-VC0704N-FM4	0,4	6,3	0,05–0,20	0,1–2,0								☻	☻			☻	☻		
	WL25-VC0704N-FP4	0,4	6,3	0,05–0,20	0,1–2,0	☻		☻		☻						☻				
	WL25-VC0704N-MM4	0,4	6,3	0,08–0,25	0,4–2,5		☻					☻	☻	☻			☻	☻		
	WL25-VC0704N-MP4	0,4	6,3	0,08–0,25	0,4–2,5			☻		☻	☻									
	WL25-VC0704NTM-3	0,4	3	0,05–0,20	0,1–0,5															☻
	WL25-VC0708N-FM4	0,8	7,1	0,08–0,25	0,2–2,0								☻	☻			☻	☻		
	WL25-VC0708N-FP4	0,8	7,1	0,08–0,25	0,2–2,0	☻		☻		☻						☻				
	WL25-VC0708N-MM4	0,8	7,1	0,12–0,32	0,5–2,5		☻					☻	☻	☻			☻	☻		
	WL25-VC0708N-MP4	0,8	7,1	0,12–0,32	0,5–2,5			☻	☻	☻	☻									
	WL25-VC0708NTM-3	0,8	3	0,05–0,25	0,1–0,5															☻
	WL25-VC0712N-MM4	1,2	7,4	0,12–0,35	0,5–2,5								☻	☻			☻	☻		
	WL25-VC0712N-MP4	1,2	7,4	0,12–0,35	0,5–2,5			☻	☻	☻										
	WL25-VC0716N-MM4	1,6	8,7	0,12–0,40	0,5–2,5								☻	☻			☻	☻		
	WL25-VC0716N-MP4	1,6	8,7	0,12–0,40	0,5–2,5			☻		☻										

HC = Coated carbide
BC = Coated CBN

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

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

Boring bar – Copy turning system

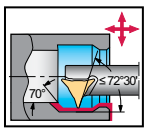
W1210 mm

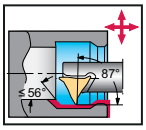
Walter Turn

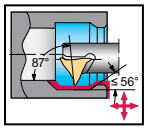


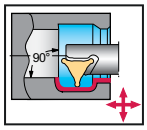


– Double internal coolant supply



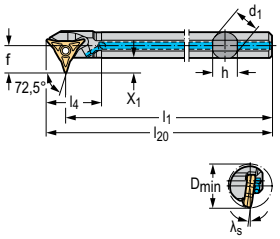








Tool



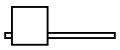
Parallel shank with clamping surface

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

OrderpageText_MasterInsertFootnotev _x_WL17-VC050804N-FM4
Dimensional drawing shows right-hand version.
The maximum recommended coolant pressure is 80 bar (1160 psi)
Refer to the Walter online catalogue for more product information: www.walter-tools.com
Bodies and assembly parts are included in the scope of delivery

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

Assembly parts

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

Indexable inserts

	Designation	r mm	l_e mm	f mm	a_p mm	P HC WMP20S	P HC WPP20G	M HC WMP20S	M HC WSM10S	M HC WSM20S	S HC WSM10S	S HC WSM20S
	WL17-VC0502L-FM4	0,2	4,3	0,04–0,15	0,1–1,2				☺	😐	☺	😐
	WL17-VC0504L-FM4	0,4	4,6	0,05–0,20	0,1–1,8				☺	😐	☺	😐
	WL17-VC0508L-FM4	0,4	5	0,08–0,25	0,2–1,8				☺	😐	☺	😐
	WL17-VC0502N-FM4	0,2	4,6	0,04–0,15	0,1–1,2				☺	😐	☺	😐
	WL17-VC0504N-FM4	0,4	5	0,05–0,20	0,1–1,8				☺	😐	☺	😐
	WL17-VC0504N-FP4	0,4	5	0,05–0,20	0,1–1,8		😐					
	WL17-VC0504N-MM4	0,4	5	0,08–0,25	0,4–2,0	😐		😐	☺	😐	☺	😐
	WL17-VC0504N-MP4	0,4	5	0,05–0,20	0,1–1,8		😐					
	WL17-VC0508N-FM4	0,8	5,7	0,08–0,25	0,2–1,8				☺	😐	☺	😐
	WL17-VC0508N-FP4	0,8	5,7	0,08–0,25	0,2–1,8		😐					
	WL17-VC0508N-MM4	0,8	5,7	0,12–0,30	0,5–2,0	😐		😐	☺	😐	☺	😐
	WL17-VC0508N-MP4	0,8	5,7	0,12–0,30	0,5–2,0		😐					
	WL17-VC0502R-FM4	0,2	4,3	0,04–0,15	0,1–1,2				☺	😐	☺	😐
	WL17-VC0504R-FM4	0,4	4,6	0,05–0,20	0,1–1,8				☺	😐	☺	😐
	WL17-VC0508R-FM4	0,4	5	0,08–0,25	0,2–1,8				☺	😐	☺	😐

HC = Coated carbide

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

Boring bar – Copy turning system

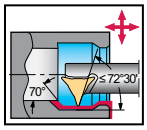
W1210 mm

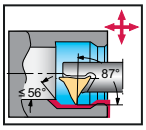
Walter Turn

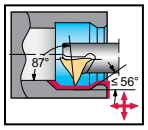


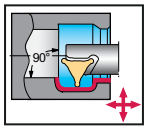


– Double internal coolant supply
– Additional coolant hole for blind hole machining



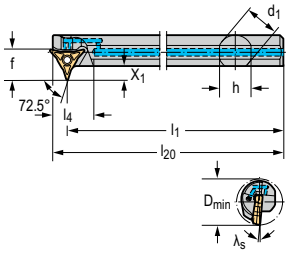








Tool



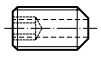
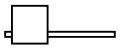
Parallel shank with clamping surface

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

OrderpageText_MasterInsertFootnotev _x_WL25-VC0708N-MM4
Dimensional drawing shows right-hand version.
The maximum recommended coolant pressure is 80 bar (1160 psi)
Refer to the Walter online catalogue for more product information: www.walter-tools.com
Bodies and assembly parts are included in the scope of delivery

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

Assembly parts

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

Accessories

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

Indexable inserts

	Designation	r mm	l_e mm	f mm	a_p mm	P HC WKP01G	P HC WMP20S	P HC WPP10G	P HC WPP10S	P HC WPP20G	P HC WPP20S	M HC WMP20S	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKP01G	S HC WSM10S	S HC WSM20S	S HC WSM30S	H BC WBH20C
	WL25-RC0420N-MU6	2	7,2	0,12–0,40	0,5–2,0					☻	☻			☻	☹			☻	☹	
	WL25-RC0420NTM-3	2	3,2	0,02–0,50	0,1–2,0															☻
	WL25-RC0525N-MU6	2,5	6,9	0,12–0,45	0,5–2,5					☻				☻	☹			☻	☹	
	WL25-RC0525NTM-3	2,5	5	0,02–0,50	0,1–2,5															☻
	WL25-VC0702L-FM4	0,2	5,5	0,04–0,15	0,1–2,0								☻	☻			☻	☻		
	WL25-VC0704L-FM4	0,4	6,2	0,05–0,20	0,1–2,0								☻	☻			☻	☻		
	WL25-VC0704L-FP4	0,4	6,2	0,05–0,20	0,1–2,0	☻		☻		☻						☻				
	WL25-VC0704L-MM4	0,4	6,2	0,08–0,25	0,4–2,5		☻					☻		☻				☻		
	WL25-VC0704L-MP4	0,4	6,2	0,08–0,25	0,4–2,5			☻		☻	☻									
	WL25-VC0704LTM-3	0,4	3	0,05–0,20	0,1–0,5															☻
	WL25-VC0708L-FM4	0,8	6,6	0,08–0,25	0,2–2,0								☻	☻			☻	☻		
	WL25-VC0708L-FP4	0,8	6,6	0,08–0,25	0,2–2,0	☻		☻		☻						☻				
	WL25-VC0708L-MM4	0,8	6,6	0,12–0,32	0,5–2,5		☻					☻		☻				☻		
	WL25-VC0708L-MP4	0,8	6,6	0,12–0,32	0,5–2,5			☻	☻	☻										
	WL25-VC0708LTM-3	0,8	3	0,05–0,25	0,1–0,5															☻
	WL25-VC0702N-FM4	0,2	6	0,04–0,15	0,1–2,0								☻	☻			☻	☻		
	WL25-VC0704N-FM4	0,4	6,3	0,05–0,20	0,1–2,0								☻	☻			☻	☻		
	WL25-VC0704N-FP4	0,4	6,3	0,05–0,20	0,1–2,0	☻		☻		☻						☻				
	WL25-VC0704N-MM4	0,4	6,3	0,08–0,25	0,4–2,5		☻					☻	☻	☻			☻	☻		
	WL25-VC0704N-MP4	0,4	6,3	0,08–0,25	0,4–2,5			☻		☻	☻									
	WL25-VC0704NTM-3	0,4	3	0,05–0,20	0,1–0,5															☻
	WL25-VC0708N-FM4	0,8	7,1	0,08–0,25	0,2–2,0								☻	☻			☻	☻		
	WL25-VC0708N-FP4	0,8	7,1	0,08–0,25	0,2–2,0	☻		☻		☻						☻				
	WL25-VC0708N-MM4	0,8	7,1	0,12–0,32	0,5–2,5		☻					☻	☻	☻			☻	☻		
	WL25-VC0708N-MP4	0,8	7,1	0,12–0,32	0,5–2,5			☻	☻	☻	☻									
	WL25-VC0708NTM-3	0,8	3	0,05–0,25	0,1–0,5															☻
	WL25-VC0712N-MM4	1,2	7,4	0,12–0,35	0,5–2,5								☻	☻			☻	☻		
	WL25-VC0712N-MP4	1,2	7,4	0,12–0,35	0,5–2,5			☻	☻	☻										
	WL25-VC0716N-MM4	1,6	8,7	0,12–0,40	0,5–2,5								☻	☻			☻	☻		
	WL25-VC0716N-MP4	1,6	8,7	0,12–0,40	0,5–2,5			☻		☻										

HC = Coated carbide
BC = Coated CBN

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

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

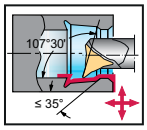
Replaceable head – Copy turning system

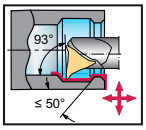
W1211-Q... mm

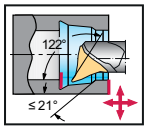
Walter Turn

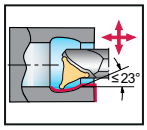


– Double internal coolant supply
– Additional coolant hole for blind hole machining





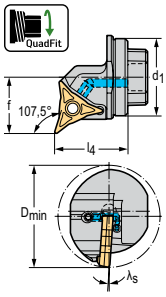






Tool

Designation		D_{min} mm	d_1 mm	f mm	l_1 mm	l_4 mm	γ	λ_s	Type
★ W1211-Q32R-WL25	25	40	32	22	41,5	35	-1,8°	-3,7°	WL25..
★ W1211-Q40R-WL25	25	50	40	26,9	44,5	35	-1,8°	-3,7°	
★ W1211-Q50R-WL25	25	63	50	31,9	46,5	35	-1,8°	-3,7°	
★ W1211-Q32L-WL25	25	40	32	22	41,5	35	-1,8°	-3,7°	WL25..
★ W1211-Q40L-WL25	25	50	40	26,9	44,5	35	-1,8°	-3,7°	
★ W1211-Q50L-WL25	25	63	50	31,9	46,5	35	-1,8°	-3,7°	

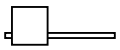


QuadFit

OrderpageText_MasterInsertFootnotev _x_WL25-VC0708N-MM4
Dimensional drawing shows right-hand version.
The maximum recommended coolant pressure is 80 bar (1160 psi)
Refer to the Walter online catalogue for more product information: www.walter-tools.com
Bodies and assembly parts are included in the scope of delivery

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

Assembly parts

	Type d_1 [mm]	WL25.. 32–50
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm
	Torx key	FS1464 (T20IP)

Indexable inserts

	Designation	r mm	l_e mm	f mm	a_p mm	P HC WKP01G	P HC WMP20S	P HC WPP10G	P HC WPP10S	P HC WPP20G	P HC WPP20S	M HC WMP20S	M HC WSM10S	M HC WSM20S	M HC WSM30S	K HC WKP01G	S HC WSM10S	S HC WSM20S	S HC WSM30S	H BC WBH20C
	WL25-RC0420N-MU6	2	7,2	0,12–0,40	0,5–2,0					☺	☺			☺	☹			☺	☹	
	WL25-RC0420NTM-3	2	3,2	0,02–0,50	0,1–2,0															☺
	WL25-RC0525N-MU6	2,5	6,9	0,12–0,45	0,5–2,5					☺				☺	☹			☺	☹	
	WL25-RC0525NTM-3	2,5	5	0,02–0,50	0,1–2,5															☺
	WL25-VC0702L-FM4	0,2	5,5	0,04–0,15	0,1–2,0								☺	☺			☺	☺		
	WL25-VC0704L-FM4	0,4	6,2	0,05–0,20	0,1–2,0								☺	☺			☺	☺		
	WL25-VC0704L-FP4	0,4	6,2	0,05–0,20	0,1–2,0	☺		☺		☺						☺				
	WL25-VC0704L-MM4	0,4	6,2	0,08–0,25	0,4–2,5		☺					☺		☺				☺		
	WL25-VC0704L-MP4	0,4	6,2	0,08–0,25	0,4–2,5			☺		☺	☺									
	WL25-VC0704LTM-3	0,4	3	0,05–0,20	0,1–0,5															☺
	WL25-VC0708L-FM4	0,8	6,6	0,08–0,25	0,2–2,0								☺	☺			☺	☺		
	WL25-VC0708L-FP4	0,8	6,6	0,08–0,25	0,2–2,0	☺		☺		☺						☺				
	WL25-VC0708L-MM4	0,8	6,6	0,12–0,32	0,5–2,5		☺					☺		☺				☺		
	WL25-VC0708L-MP4	0,8	6,6	0,12–0,32	0,5–2,5			☺	☺	☺										
	WL25-VC0708LTM-3	0,8	3	0,05–0,25	0,1–0,5															☺
	WL25-VC0702N-FM4	0,2	6	0,04–0,15	0,1–2,0								☺	☺			☺	☺		
	WL25-VC0704N-FM4	0,4	6,3	0,05–0,20	0,1–2,0								☺	☺			☺	☺		
	WL25-VC0704N-FP4	0,4	6,3	0,05–0,20	0,1–2,0	☺		☺		☺						☺				
	WL25-VC0704N-MM4	0,4	6,3	0,08–0,25	0,4–2,5		☺					☺	☺	☺			☺	☺		
	WL25-VC0704N-MP4	0,4	6,3	0,08–0,25	0,4–2,5			☺		☺	☺									
	WL25-VC0704NTM-3	0,4	3	0,05–0,20	0,1–0,5															☺
	WL25-VC0708N-FM4	0,8	7,1	0,08–0,25	0,2–2,0								☺	☺			☺	☺		
	WL25-VC0708N-FP4	0,8	7,1	0,08–0,25	0,2–2,0	☺		☺		☺						☺				
	WL25-VC0708N-MM4	0,8	7,1	0,12–0,32	0,5–2,5		☺					☺	☺	☺			☺	☺		
	WL25-VC0708N-MP4	0,8	7,1	0,12–0,32	0,5–2,5			☺	☺	☺	☺									
	WL25-VC0708NTM-3	0,8	3	0,05–0,25	0,1–0,5															☺
	WL25-VC0712N-MM4	1,2	7,4	0,12–0,35	0,5–2,5								☺	☺			☺	☺		
	WL25-VC0712N-MP4	1,2	7,4	0,12–0,35	0,5–2,5			☺	☺	☺										
	WL25-VC0716N-MM4	1,6	8,7	0,12–0,40	0,5–2,5								☺	☺			☺	☺		
	WL25-VC0716N-MP4	1,6	8,7	0,12–0,40	0,5–2,5			☺		☺										
	WL25-VC0702R-FM4	0,2	5,5	0,04–0,15	0,1–2,0								☺	☺			☺	☺		
	WL25-VC0704R-FM4	0,4	6,2	0,05–0,20	0,1–2,0								☺	☺			☺	☺		
	WL25-VC0704R-FP4	0,4	6,2	0,05–0,20	0,1–2,0	☺		☺		☺						☺				
	WL25-VC0704R-MM4	0,4	6,2	0,08–0,25	0,4–2,5		☺					☺		☺				☺		
	WL25-VC0704R-MP4	0,4	6,2	0,08–0,25	0,4–2,5			☺		☺	☺									
	WL25-VC0704RTM-3	0,4	3	0,05–0,20	0,1–0,5															☺
	WL25-VC0708R-FM4	0,8	6,6	0,08–0,25	0,2–2,0								☺	☺			☺	☺		
	WL25-VC0708R-FP4	0,8	6,6	0,08–0,25	0,2–2,0	☺		☺		☺						☺				
	WL25-VC0708R-MM4	0,8	6,6	0,12–0,32	0,5–2,5		☺					☺		☺				☺		
	WL25-VC0708R-MP4	0,8	6,6	0,12–0,32	0,5–2,5			☺	☺	☺	☺									
	WL25-VC0708RTM-3	0,8	3	0,05–0,25	0,1–0,5															☺

HC = beschichtetes Hartmetall
BC = beschichtetes CBN

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

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


WALTER
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A – Turning

A2: Grooving

		Page
Cutting inserts	Product range overview	
	Cutting inserts	110
	Order pages	
	Cutting inserts	116
Walter Cut grooving tools	Product range overview	
	Shank tools/parting blades	122
	Walter Capto™ groove turning holders	131
	Boring bars	133
	QuadFit exchangeable heads	135
	Order pages	
	Shank tools/parting blades	136

A2

Cutting inserts

System	MX				
Machining	**Medium feed**	**Low feed**		**Medium feed**	
					
Geometry	**CF5**	**GD8**	**VG8**	**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]	0,8–5,56	0,5–3,25	2,8	1,57–5,0	
a_p [mm]					
f [mm]	0,02–0,28	0,02–0,15	0,05–0,12	0,04–0,25	
Page in catalogue					
QR code					
www.walter-tools.com/woc/	CF5	GD8	VG8	RF5	A60

System	MX		DX		
Machining			**Low feed**		**Medium feed**
		Selection	Selection	Selection	Selection
					
Geometry	**AG60**	**ISO**	**CK8**	**CF6**	**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]			1,5–4,0	1,0–3,0	1,0–3,0
a_p [mm]					
f [mm]			0,04–0,22	0,03–0,23	0,03–0,23
Page in catalogue		**A 116**	**A 118**	**A 118**	**A 118**
QR code					
www.walter-tools.com/woc/	AG60	ISO	CK8	CF6	CF5

WALTER SELECT ●● Primary application ● Other application

Cutting inserts

System	DX				
Machining	**High feed**	**Low feed**	**Medium feed**	**Low feed**	
	Selection	Selection	Selection	Selection	Selection
					
Geometry	**CE4**	**GD3**	**GD6**	**UF8**	**UF7**
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]	1,2–3,0	2,0–4,0	2,0–4,0	1,6–4,25	2,0–4,0
a_p [mm]				0,3–2,2	0,3–2,2
f [mm]	0,03–0,33	0,04–0,23	0,04–0,25	0,05–0,30	0,05–0,30
Page in catalogue	**A 118**	**A 118**	**A 118**	**A 120**	**A 120**
QR code					
www.walter-tools.com/woc/	CE4	GD3	GD6	UF8	UF7

System	DX				
Machining	**Medium feed**	**High feed**		**Medium feed**	**High feed**
	Selection	Selection	Selection	Selection	Selection
					
Geometry	**UF4**	**UD4**	**UA4**	**RF7**	**RD4**
P Steel	●●	●●		●●	●●
M Stainless steel	●●	●		●●	●
K Cast iron	●●	●●	●●	●	●●
N NF metals	●			●	
S Materials with difficult cutting properties	●			●●	●
H Hard materials			●		
O Other					
Insert width s [mm]	2,0–4,0	2,0–4,0	2,0–4,0	2,0–4,0	2,0–3,0
a_p [mm]	0,3–2,8	0,3–2,8	0,3–2,8	0,1–2,0	0,2–1,5
f [mm]	0,10–0,33	0,10–0,33	0,08–0,38	0,08–0,48	0,08–0,38
Page in catalogue	**A 120**	**A 120**	**A 120**	**A 121**	**A 121**
QR code					
www.walter-tools.com/woc/	UF4	UD4	UA4	RF7	RD4

WALTER SELECT

●● Primary application ● Other application

A2

Cutting inserts

System	GX				
Machining	**Low feed**		**Medium feed**	**High feed**	**Low feed**
					
Geometry	**CK8**	**CF6**	**CF5**	**CE4**	**GD8**
P Steel		●●	●●	●●	●●
M Stainless steel	●	●●	●●	●	●
K Cast iron			●	●●	●
N NF metals	●●	●●	●●	●	●
S Materials with difficult cutting properties	●	●●	●●	●	●
H Hard materials				●	
O Other		●	●		
Insert width s [mm]	2,0–4,0	1,5–3,0	2,0–5,0	2,0–6,0	1,0–1,4
a_p [mm]					
f [mm]	0,04–0,22	0,03–0,20	0,03–0,25	0,04–0,40	0,05–0,10
Page in catalogue					
QR code					
www.walter-tools.com/woc/	CK8	CF6	CF5	CE4	GD8

System	GX				
Machining	**Medium feed**			**Low feed**	
					
Geometry	**GD3**	**GD6**	**FS-F1**	**EM-1**	**TM-1**
P Steel	●●	●●			
M Stainless steel	●●	●●			
K Cast iron	●	●			
N NF metals	●	●	●●		
S Materials with difficult cutting properties	●	●●	●	●●	
H Hard materials					●●
O Other	●		●●		
Insert width s [mm]	2,0–6,0	2,0–6,0	2,0–6,0	3,0–6,0	3,0–6,0
a_p [mm]				0,05–3,0	0,05–3,0
f [mm]	0,04–0,28	0,04–0,30	0,04–0,28	0,10–0,30	0,02–0,15
Page in catalogue					
QR code					
www.walter-tools.com/woc/	GD3	GD6	FS-F1	EM-1	TM-1

WALTER SELECT ●● Primary application ● Other application

Cutting inserts

System	GX				
Machining	**Low feed**	**Medium feed**		**High feed**	
					
Geometry	**UF8**	**UD6**	**UF4**	**UD4**	**UA4**
P Steel	●●	●	●●	●●	
M Stainless steel	●●	●●	●●	●	
K Cast iron	●		●●	●●	●●
N NF metals	●●	●	●		
S Materials with difficult cutting properties	●●		●		
H Hard materials					●
O Other					
Insert width s [mm]	1,6–6,0	2,0–6,0	2,0–8,0	2,0–8,0	2,0–6,0
a_p [mm]	0,3–3,2	0,3–3,5	0,3–4,0	0,3–4,0	0,3–3,5
f [mm]	0,05–0,35	0,06–0,35	0,10–0,55	0,10–0,40	0,08–0,40
Page in catalogue					
QR code					
www.walter-tools.com/woc/	UF8	UD6	UF4	UD4	UA4

System	GX				
Machining	**Low feed**		**Medium feed**		**High feed**
					
Geometry	**VG7**	**RK8**	**RF8**	**RF7**	**RD4**
P Steel	●●		●●	●●	●●
M Stainless steel	●●		●●	●●	●
K Cast iron	●		●	●	●●
N NF metals	●●	●●	●	●	
S Materials with difficult cutting properties	●●		●●	●●	●
H Hard materials					
O Other		●			
Insert width s [mm]	2,8	6,0	2,0–8,0	3,0–5,0	2,0–8,0
a_p [mm]	0,2–2,5	0,1–4,0	0,1–4,0	0,1–2,5	0,2–4,0
f [mm]	0,05–0,25	0,10–0,60	0,05–0,60	0,10–0,53	0,08–0,80
Page in catalogue					
QR code					
www.walter-tools.com/woc/	VG7	RK8	RF8	RF7	RD4

WALTER SELECT ●● Primary application ● Other application

A2

Cutting inserts

System	GX		SX		
Machining	**Medium feed**		**Low feed**		**Medium feed**
					
Geometry	**FS-M1**	**AF5**	**CK8**	**CF6**	**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]	2,0–6,0	5,0	2,0–5,0	2,0–3,0	1,5–6,0
a_p [mm]	0,1–3,0	0,5			
f [mm]	0,05–0,50	0,15–0,30	0,04–0,25	0,03–0,20	0,03–0,30
Page in catalogue					
QR code					
www.walter-tools.com/woc/	FS-M1	AF5	CK8	CF6	CF5

System	SX				UX
Machining	**High feed**	**Low feed**	**Medium feed**		**High feed**
					
Geometry	**CE4**	**SK8**	**SF5**	**UF4**	**GD2**
P Steel	●●		●●	●●	●●
M Stainless steel	●		●●	●●	
K Cast iron	●●		●	●●	●●
N NF metals	●	●●	●●	●	
S Materials with difficult cutting properties	●	●	●●	●	
H Hard materials	●				
O Other			●		
Insert width s [mm]	1,5–10,0	1,5–5,0	1,5–5,0	8,0	12,0–19,0
a_p [mm]				0,9–4,0	
f [mm]	0,03–0,60	0,03–0,25	0,03–0,25	0,18–0,55	0,20–0,60
Page in catalogue					
QR code					
www.walter-tools.com/woc/	CE4	SK8	SF5	UF4	GD2

WALTER SELECT ●● Primary application ● Other application

Cutting inserts

System	MX
Machining	
	
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]	3,35–10,3
a_p [mm]	
f [mm]	
Page in catalogue	
QR code	
www.walter-tools.com/woc/	-X-N

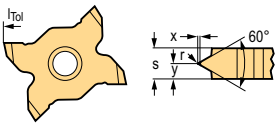
WALTER SELECT ●● Primary application ● Other application

A2

External thread – Full profile – Cutting inserts

MX

Tiger·tec® Silver



Indexable inserts

	Designation	P mm	r mm	s mm	X mm	Y mm	P HC WSM23S	M HC WSM23S	S HC WSM23S
	MX22-2E-EN1.00ISO	1	0,13	3,35	0,13	1,68	☺	☺	☺
	MX22-2E-EN1.50ISO	1,5	0,19	3,35	0,19	1,68	☺	☺	☺
	MX22-2E-EN2.00ISO	2	0,25	3,35	0,25	1,68	☺	☺	☺

Radius tolerance r_{Tol} = ±0.05 mm

HC = Coated carbide

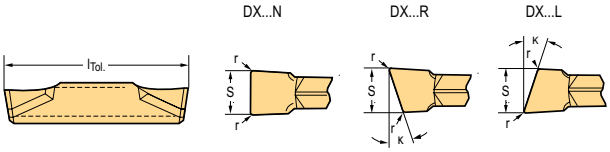
Ordering example for the grade WSM23S: MX22-2E-EN1.00ISO WSM23S

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

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

A2

Grooving and parting off – cutting inserts
DX
Tiger·tec® Silver



Cutting inserts

	Designation	s mm	r mm	κ	l mm	f mm	S_{Tol} mm	l_{Tol} mm	P HC WKP23S	P HC WSM23S	P HC WSM33S	P HC WSM43S	M HC WSM23S	M HC WSM33S	M HC WSM43S	K HC WKP23S	N HF WN13	S HC WSM23S	S HC WSM33S	S HC WSM43S
	DX18-1E150N01-CK8	1,5	0,15		18	0,04–0,10	±0,05	±0,15									☻			
	DX18-2E200N02-CK8	2	0,2		18	0,04–0,12	±0,05	±0,15									☻			
	DX18-3E300N02-CK8	3	0,2		18	0,08–0,20	±0,03	±0,15									☻			
	DX18-4E400N02-CK8	4	0,2		18	0,10–0,22	±0,03	±0,15									☻			
	DX18-2E200R7-CK8	2	0	7	18	0,04–0,10	±0,05	±0,15									☻			
	DX18-2E200L7-CK8	2	0	7	18	0,04–0,10	±0,05	±0,15									☻			
	DX18-1E100N01-CF6	1	0,1		18	0,03–0,08	±0,05	±0,15			😐			😐					😐	
	DX18-1E150N01-CF6	1,5	0,15		18	0,03–0,12	±0,05	±0,15			😐	☹		😐	☹				😐	☹
	DX18-2E200N02-CF6	2	0,2		18	0,03–0,14	±0,05	±0,15			😐	☹		😐	☹				😐	☹
	DX18-2E250N02-CF6	2,5	0,2		18	0,03–0,18	±0,05	±0,15			😐	☹		😐	☹				😐	☹
	DX18-3E300N02-CF6	3	0,2		18	0,04–0,23	±0,05	±0,15			😐	☹		😐	☹				😐	☹
	DX18-2E200R6-CF6	2	0,2	6	18	0,03–0,12	±0,05	±0,15			😐	☹		😐	☹				😐	☹
	DX18-2E250R6-CF6	2,5	0,2	6	18	0,03–0,15	±0,05	±0,15			😐			😐					😐	
	DX18-3E300R6-CF6	3	0,2	6	18	0,04–0,19	±0,05	±0,15			😐			😐					😐	
	DX18-1E150R10-CF6	1,5	0	10	18	0,03–0,10	±0,05	±0,15			😐			😐					😐	
	DX18-2E200R15-CF6	2	0	15	18,3	0,03–0,13	±0,05	±0,15			😐			😐					😐	
	DX18-2E200L6-CF6	2	0,2	6	18	0,03–0,12	±0,05	±0,15			😐	☹		😐	☹				😐	☹
	DX18-2E250L6-CF6	2,5	0,2	6	18	0,03–0,15	±0,05	±0,15			😐			😐					😐	
	DX18-3E300L6-CF6	3	0,2	6	18	0,04–0,19	±0,05	±0,15			😐			😐					😐	
	DX18-1E150L10-CF6	1,5	0	10	18	0,03–0,10	±0,05	±0,15			😐			😐					😐	
	DX18-2E200L15-CF6	2	0	15	18,3	0,03–0,13	±0,05	±0,15			😐			😐					😐	
	DX18-2E200N00-CF5	2	0		18	0,03–0,12	±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		☻	😐	☹	☻	😐	☹			☻	😐	☹
	DX18-2E200N02-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		☻	😐	☹	☻	😐	☹			☻	😐	☹
	DX18-2E200R6-CF5	2	0,2	6	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			😐			😐					😐	
	DX18-2E200R7-CF5	2	0	7	18	0,03–0,12	±0,05	±0,15		☻	😐		☻	😐				☻	😐	
	DX18-1E150R10-CF5	1,5	0	10	18	0,03–0,06	±0,05	±0,15			😐			😐					😐	
	DX18-2E200R15-CF5	2	0	15	18	0,03–0,12	±0,05	±0,15			😐			😐					😐	
	DX18-3E300R7-CF5	3	0	7	18,8	0,04–0,16	±0,05	±0,15			😐			😐					😐	
	DX18-3E300R15-CF5	3	0	15	18,8	0,04–0,16	±0,05	±0,15			😐			😐					😐	

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WN13: DX18-1E150N01-CK8 WN13

HC = Coated carbide
HF = Uncoated fine-grained carbide

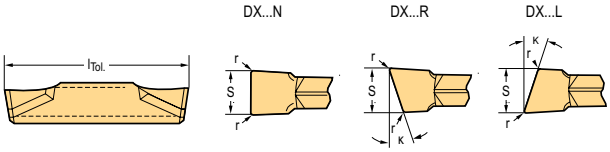
WALTER SELECT Optimum indexable insert for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

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

Grooving and parting off – cutting inserts

DX

Tiger·tec® Silver



Cutting inserts

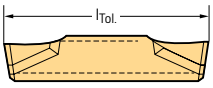
	Designation	s mm	r mm	κ	l mm	f mm	S_{Tol} mm	l_{Tol} mm	P HC WKP23S	P HC WSM23S	P HC WSM33S	P HC WSM43S	M HC WSM23S	M HC WSM33S	M HC WSM43S	K HC WKP23S	N HF WN13	S HC WSM23S	S HC WSM33S	S HC WSM43S
	DX18-2E200L6-CF5	2	0,2	6	18	0,03–0,12	±0,05	±0,15			●	●		●	●				●	●
	DX18-2E250L6-CF5	2,5	0,2	6	18	0,03–0,15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

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WN13: DX18-1E150N01-CK8 WN13

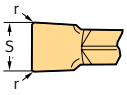
HC = Coated carbide
HF = Uncoated fine-grained carbide

A2

Grooving and recessing – cutting inserts
DX
Tiger·tec® Silver



DX...N



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a_p mm	S_{Tol} mm	l_{Tol} mm	P HC				M HC			K HC			S HC		
									WKP23S	WSM23S	WSM33S	WSM43S	WSM23S	WSM33S	WSM43S	WKP13S	WKP23S	WKP33S	WSM23S	WSM33S	WSM43S
	DX18-1E160N01-UF8	1,6	0,1	18	0,05–0,17	0,3–1,0	±0,02	±0,15		☺			☺						☺		
	DX18-1E170N01-UF8	1,7	0,1	18	0,05–0,17	0,3–1,0	±0,02	±0,15		☺			☺						☺		
	DX18-1E185N01-UF8	1,85	0,1	18	0,05–0,22	0,3–1,0	±0,02	±0,15		☺			☺						☺		
	DX18-1E196N01-UF8	1,96	0,1	18	0,05–0,22	0,3–1,2	±0,02	±0,15		☺			☺						☺		
	DX18-2E225N01-UF8	2,25	0,1	18	0,05–0,22	0,3–1,3	±0,02	±0,15		☺			☺						☺		
	DX18-2E275N01-UF8	2,75	0,1	18	0,06–0,22	0,3–1,3	±0,02	±0,15		☺			☺						☺		
	DX18-3E318N02-UF8	3,18	0,2	18	0,07–0,24	0,4–1,5	±0,02	±0,15		☺			☺						☺		
	DX18-3E325N01-UF8	3,25	0,1	18	0,07–0,24	0,4–1,6	±0,02	±0,15		☺			☺						☺		
	DX18-4E400N04-UF8	4	0,4	18	0,09–0,30	0,5–2,2	±0,02	±0,15		☺			☺						☺		
	DX18-4E425N02-UF8	4,25	0,2	18	0,09–0,30	0,5–2,2	±0,02	±0,15		☺			☺						☺		
	DX18-2E200N02-UF7	2	0,2	18	0,05–0,22	0,3–1,2	±0,05	±0,15		☺	😐		☺	😐					☺	😐	
	DX18-3E300N02-UF7	3	0,2	18	0,07–0,24	0,4–1,5	±0,05	±0,15		☺	😐		☺	😐					☺	😐	
	DX18-4E400N02-UF7	4	0,2	18	0,09–0,30	0,3–2,2	±0,05	±0,15		☺			☺						☺		
	DX18-2E200N02-UF4	2	0,2	18	0,10–0,18	0,3–1,2	±0,05	±0,15	☺	☺	😐	☹	☺	😐	☹		☺		☺	😐	☹
	DX18-2E250N02-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
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WSM23S: DX18-1E160N01-UF8 WSM23S

HC = Coated carbide

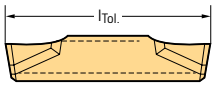
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

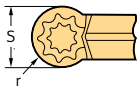
Grooving and copy turning – cutting inserts

DX

Tiger·tec® Silver



DX...N



A2

Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a_p mm	S_{Tol} mm	l_{Tol} mm	P HC WKP23S	P HC WSM13S	P HC WSM23S	P HC WSM33S	M HC WSM13S	M HC WSM23S	M HC WSM33S	K HC WKP23S	S HC WSM13S	S HC WSM23S	S HC WSM33S
	DX18-2E200N10-RF7	2	1	18,3	0,08–0,26	0,1–1,0	±0,05	±0,15		☺	☺		☺	☺			☺	☺	
	DX18-3E300N15-RF7	3	1,5	18,3	0,10–0,33	0,1–1,5	±0,05	±0,15		☺	☺		☺	☺			☺	☺	
	DX18-4E400N20-RF7	4	2	18,5	0,12–0,48	0,1–2,0	±0,05	±0,15			☺			☺				☺	
	DX18-2E200N10-RD4	2	1	18,3	0,08–0,28	0,2–1,0	±0,05	±0,15	☺		☺	😐		☺	😐	😐		☺	😐
	DX18-2E239N12-RD4	2,39	1,2	18,3	0,08–0,25	0,2–1,0	±0,05	±0,15				😐			😐				😐
	DX18-3E300N15-RD4	3	1,5	18,3	0,10–0,38	0,5–1,5	±0,05	±0,15			☺	😐		☺	😐			☺	😐

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WSM13S: DX18-2E200N10-RF7 WSM13S

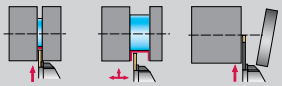
HC = Coated carbide

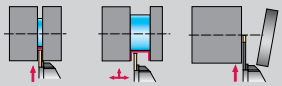
WALTER SELECT Optimum indexable insert for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

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

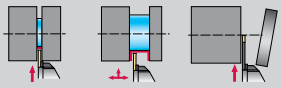
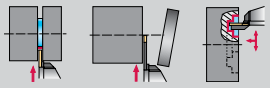
A2

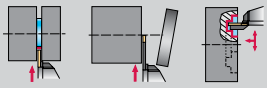
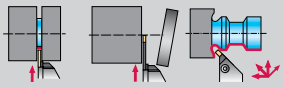
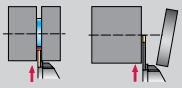
Shank tools/parting blades

System	MX..		
Machining			
			
Designation	**G3011**	**G3011...-P**	**G3021...-P**
Insert width s [mm]	0,5–3,25	0,5–5,65	0,5–5,65
Cutting depth T_{max} [mm]	6	6	6
Coolant supply	External	Precision cooling	Precision cooling
Shank size h [mm]	10–25	12–25	20–25
Shank size h [Inch]		0,500–1,000	1,000
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G3011	G3011-P	G3021-P

System	MX..	DX..	
Machining			
			
Designation	**G3051...-P**	**G4014**	**G4014...-P**
Insert width s [mm]	0,5–3,25	1–3	2–3
Cutting depth T_{max} [mm]	6	17,5	17,5
Coolant supply	Precision cooling	External	Precision cooling
Shank size h [mm]	12–25	10–20	12–20
Shank size h [Inch]	0,625–1,000	0,500–0,625	0,500–0,750
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G3051-P	G4014	G4014-P

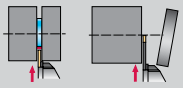
Shank tools/parting blades

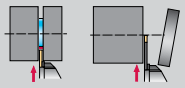
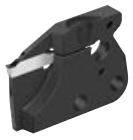
System		DX..	
Machining			
	Selection	Selection	
			
Designation	G4011	G4011...-P	G4511
Insert width s [mm]	2–4	2–4	2–6
Cutting depth T_{max} [mm]	17	17	5
Coolant supply	External	Precision cooling	External
Shank size h [mm]	16–25	20–25	12–25
Shank size h [Inch]	0.750–1.000	1.000	
Page in catalogue	A 136	A 140	
QR code			
www.walter-tools.com/woc/	G4011	G4011-P	G4511

System		DX..	
Machining			
			
Designation	G4521	G4551	G4041
Insert width s [mm]	2–6	2–6	1.5–3
Cutting depth T_{max} [mm]	5	5	21
Coolant supply	External	External	External
Shank size h [mm]	20–25	20–25	26–32
Shank size h [Inch]			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G4521	G4551	G4041

A2

Shank tools/parting blades

System		DX..	
Machining			
			
Designation	G4041...-P	G4041...C	G4041...C-P
Insert width s [mm]	2	1,5–3	2–3
Cutting depth T_{max} [mm]	21	21	21
Coolant supply	Precision cooling	External	Precision cooling
Shank size h [mm]	26–32	26–32	26–32
Shank size h [Inch]			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G4041-P	G4041-C	G4041-C-P

System		DX..	
Machining			
			
Designation	G4042...N	G4042...N...-P	G4634-P
Insert width s [mm]	1,5–4	3	2–3
Cutting depth T_{max} [mm]	40	40	16
Coolant supply	External	Precision cooling	Precision cooling
Shank size h [mm]	26–32	26–32	E33
Shank size h [Inch]			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G4042-N	G4042-N-P	G4634-P

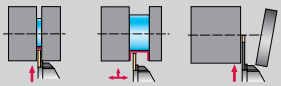
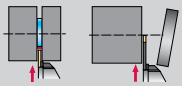
Shank tools/parting blades

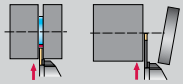
System		DX..	GX..
Machining			
	Selection		
			
Designation	G4635-P	G4635	G1511
Insert width s [mm]	2–2,5	1,5–3	2–6
Cutting depth T_{max} [mm]	16	17	6
Coolant supply	Precision cooling	External	External
Shank size h [mm]	E33		20–25
Shank size h [Inch]			0,750–1,000
Page in catalogue	A 144		
QR code			
www.walter-tools.com/woc/	G4635-P	G4635	G1511

System		GX..	
Machining			
			
Designation	G1511...-P	G1521	G1551
Insert width s [mm]	2–6	2–6	2–6
Cutting depth T_{max} [mm]	6	6	6
Coolant supply	Precision cooling	External	External
Shank size h [mm]	16–25	20–25	20–25
Shank size h [Inch]	1,000	0,750–1,000	0,750–1,000
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G1511-P	G1521	G1551

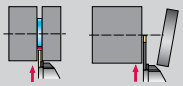
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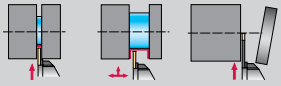
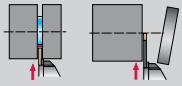
Shank tools/parting blades

System		GX..	
Machining			
			
Designation	G1011	G1011...-P	G1041
Insert width s [mm]	2–8	2–8	2–4
Cutting depth T_{max} [mm]	38	33	32
Coolant supply	External	Precision cooling	External
Shank size h [mm]	16–32	16–32	26
Shank size h [Inch]	0,625–1,500	0,750–1,000	
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G1011	G1011-P	G1041

System		GX..	
Machining			
			
Designation	G1041...-P	G1041...C	G1041...C-P
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	26	26
Shank size h [Inch]			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G1041-P	G1041-C	G1041-C-P

Shank tools/parting blades

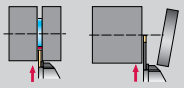
System		GX..	
Machining			
			
Designation	**G1042**	**XLCFN**	**G1634-P**
Insert width s [mm]	2–6	3–6	2–4
Cutting depth T_{max} [mm]	60	21	33
Coolant supply	External	External	Precision cooling
Shank size h [mm]	26	E32	43
Shank size h [Inch]			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G1042	XLCFN	G1634-P

System		GX..	
Machining			
			
Designation	**MSS...E...**	**G1332**	**MSS...E...C**
Insert width s [mm]	0,6–8	3	4–6
Cutting depth T_{max} [mm]	21	15	25
Coolant supply	External		External
Shank size h [mm]	E16–E32		E25
Shank size h [Inch]			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	MSS-E	G1332	MSS-E-C

A2

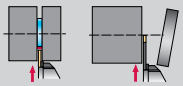
Shank tools/parting blades

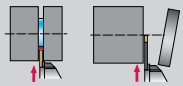
System		GX..	
Machining			
			
Designation	MSS...E...A	G1111	G1111...-P
Insert width s [mm]	3–6	3–6	5
Cutting depth T_{max} [mm]	15	25	33
Coolant supply	External	External	Precision cooling
Shank size h [mm]	E20–E32	25	25
Shank size h [Inch]		1,000	
Page in catalogue			
QR code			
www.walter-tools.com/woc/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

System		SX..	
Machining			
			
Designation	G2012	G2012...-P	G2042...R/L
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
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

A2

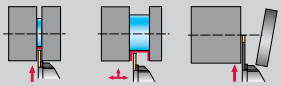
Shank tools/parting blades

System		SX..	
Machining			
			
Designation	**G2042...R/L...-P**	**G2042...R/L...C**	**G2042...R/L...C-P**
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	E32	26
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		SX..	
Machining			
			
Designation	**G2042...N**	**G2042...N...-P**	**G2632-E...R/L...-SX**
Insert width s [mm]	2–6	3–10	2–8
Cutting depth T_{max} [mm]	80	100	45
Coolant supply	External	Precision cooling	External
Shank size h [mm]	26–46	26–52	E20–E32
Shank size h [Inch]			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G2042-N	G2042-N-P	G2632

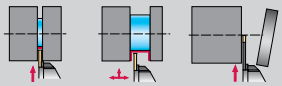
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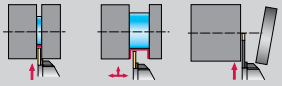
Shank tools/parting blades

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

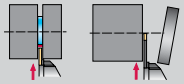
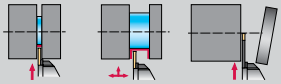
Walter Capto™ groove turning holders

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

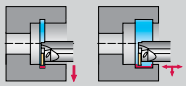
System		 GX..	
Machining			
			
Designation	MSS...E...	MSS...E...C	MSS...E...A
Insert width s [mm]	0,6–8	4–6	3–6
Cutting depth T_{max} [mm]	21	25	15
Coolant supply	External	External	External
Walter Capto™ size	E16–E32	E25	E20–E32
Page in catalogue			
QR code			
www.walter-tools.com/woc/	MSS-E	MSS-E-C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

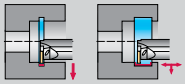
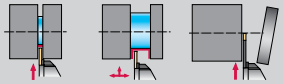
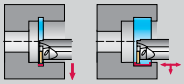
A2

Walter Capto™ groove turning holders

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

Boring bars

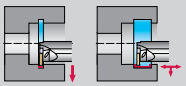
System	MX..	DX..	GX..
Machining			
			
Designation	G3221...-P	G4221...-P	I12
Insert width s [mm]	0,5–3,25	2–4	
Cutting depth T_{max} [mm]	4	10	3
Coolant supply	Precision cooling	Precision cooling	External
Boring bar Ø d_1 [mm]	32	25–32	16
Boring bar Ø d_1 [inch]		0,959–1,250	
Page in catalogue			
QR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

System	GX..		
Machining			
			
Designation	G1221...-P	MSS...I...	MSS...I...90-1.5
Insert width s [mm]	2,5–6	0,6–6	
Cutting depth T_{max} [mm]	12	19	
Coolant supply	Precision cooling	External	Internal
Boring bar Ø d_1 [mm]	16–40	E16–E40	20–40
Boring bar Ø d_1 [inch]	0,602–1,500		0,039–2,000
Page in catalogue			
QR code			
www.walter-tools.com/woc/	G1221-P	MSS-I	MSS-I-1-5

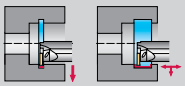
A2

Boring bars

System

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

Exchangeable head QuadFit – Internal grooving

System	 DX..
Machining	
	
Designation	G4221-Q...-P
Insert width s [mm]	3–4
Cutting depth T_{max} [mm]	21
Coolant supply	Precision cooling
QuadFit size	Q32–Q50
Page in catalogue	
QR code	
www.walter-tools.com/woc/	G4221-Q-P

Shank tool – Radial grooving

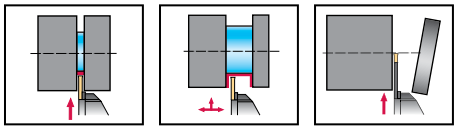
A2

G4011 mm

Walter Cut

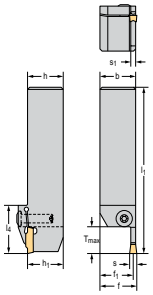


– Screw clamping





Tool



Square shank

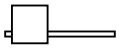
Designation	s mm	T_{max} mm	D_{max} mm	h = h_1 mm	b mm	f_1 mm	l_1 mm	l_4 mm	s_1 mm	Type
G4011-2020R-2T10DX18	2	10		20	20	19,2	125	33,5	1,6	DX18-2E2 ..
G4011-2525R-2T10DX18		10		25	25	24,2	125	28	1,6	
★ G4011-1616R-3T10DX18	3	10		16	16	14,3	125	33,5	2,4	DX18-3E3 .. DX18-3F3 ..
G4011-2020R-3T10DX18		10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

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

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

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

Assembly parts

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

Accessories

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

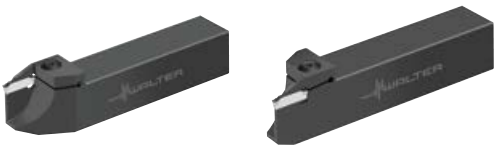
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

A2

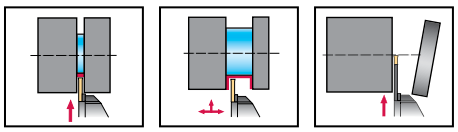
Shank tool – Radial grooving

G4011 mm

Walter Cut



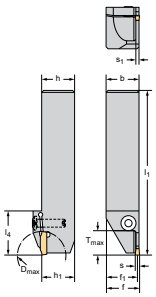
– Screw clamping





Tool

Designation	s mm	T_{max} mm	D_{max} mm	$h = h_1$ mm	b mm	f_1 mm	l_1 mm	l_4 mm	s_1 mm	Type
G4011-2525R-2T17DX18	2	17	35	25	25	24,2	125	33,5	1,6	DX18-2E2 ..
G4011-2525R-2.5T17DX18	2,5	17	35	25	25	24	125	33,5	2,1	DX18-2E2.5 ..
G4011-2525R-3T17DX18	3	17	35	25	25	23,8	125	33,5	2,4	DX18-3E3 .. DX18-3F3 ..
G4011-2525L-2T17DX18	2	17	35	25	25	24,2	125	33,5	1,6	DX18-2E2 ..
G4011-2525L-2.5T17DX18	2,5	17	35	25	25	24	125	33,5	2,1	DX18-2E2.5 ..
G4011-2525L-3T17DX18	3	17	35	25	25	23,8	125	33,5	2,4	DX18-3E3 .. DX18-3F3 ..



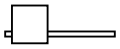
Square shank

Dimensional drawing shows right-hand version.
$f = f_1 + s/2$
Refer to the Walter online catalogue for more product information: www.walter-tools.com

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

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

Assembly parts

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

Accessories

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

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

A2

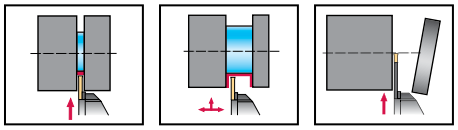
Shank tool – Radial grooving

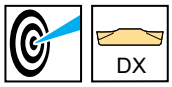
G4011...-P mm

Walter Cut



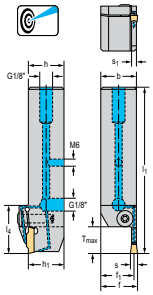
– Screw clamping
– Precision cooling





Tool

Designation	s mm	T_{max} mm	D_{max} mm	$h = h_1$ mm	b mm	f_1 mm	l_1 mm	l_4 mm	s_1 mm	Type
G4011-2020R-4T17DX18-P	4	17		20	20	18,3	125	33,5	3,4	DX18-4E4 .. DX18-4F4 ..
G4011-2525R-4T17DX18-P		17		25	25	23,3	125	33,5	3,4	
G4011-2020L-4T17DX18-P	4	17		20	20	18,3	125	33,5	3,4	DX18-4E4 .. DX18-4F4 ..
G4011-2525L-4T17DX18-P		17		25	25	23,3	125	33,5	3,4	



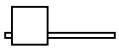
Square shank

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

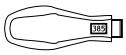
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	s [mm]	4
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	G 1/8" threaded plug	FS2258 (SW 2)
	Torx key	FS1464 (T20IP)

Accessories

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

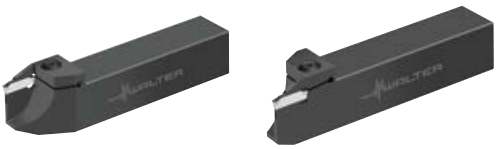
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

A2

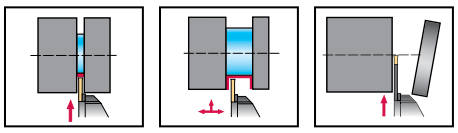
Shank tool – Radial grooving

G4011...-P mm

Walter Cut

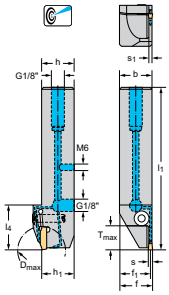


– Screw clamping
– Precision cooling





Tool



Square shank

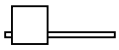
Designation	s mm	T_{max} mm	D_{max} mm	$h = h_1$ mm	b mm	f_1 mm	l_1 mm	l_4 mm	s_1 mm	Type
G4011-2525R-2T17DX18-P	2	17	35	25	25	24,2	125	33,5	1,6	DX18-2E2 ..
G4011-2525R-2.5T17DX18-P	2,5	17	35	25	25	24	125	33,5	2,1	DX18-2E2.5 ..
G4011-2525R-3T17DX18-P	3	17	35	25	25	23,8	125	33,5	2,4	DX18-3E3 .. DX18-3F3 ..
G4011-2525L-2T17DX18-P	2	17	35	25	25	24,2	125	33,5	1,6	DX18-2E2 ..
G4011-2525L-2.5T17DX18-P	2,5	17	35	25	25	24	125	33,5	2,1	DX18-2E2.5 ..
G4011-2525L-3T17DX18-P	3	17	35	25	25	23,8	125	33,5	2,4	DX18-3E3 .. DX18-3F3 ..

Dimensional drawing shows right-hand version.
$f = f_1 + s/2$
The maximum recommended coolant pressure is 150 bar (2175 psi)
Refer to the Walter online catalogue for more product information: www.walter-tools.com

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

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

Assembly parts

	s [mm]	2–3
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	G 1/8" threaded plug	FS2258 (SW 2)
	M6 threaded plug	FS2288 (SW 3)
	Torx key	FS1464 (T20IP)

Accessories

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

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

A2

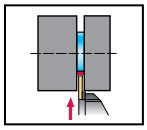
Grooving module – Radial grooving

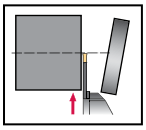
G4635-P mm

Walter Cut



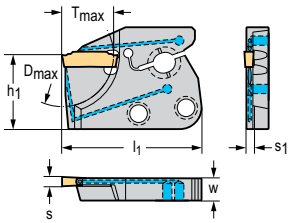
– Screw clamping
– Replacement module







Tool

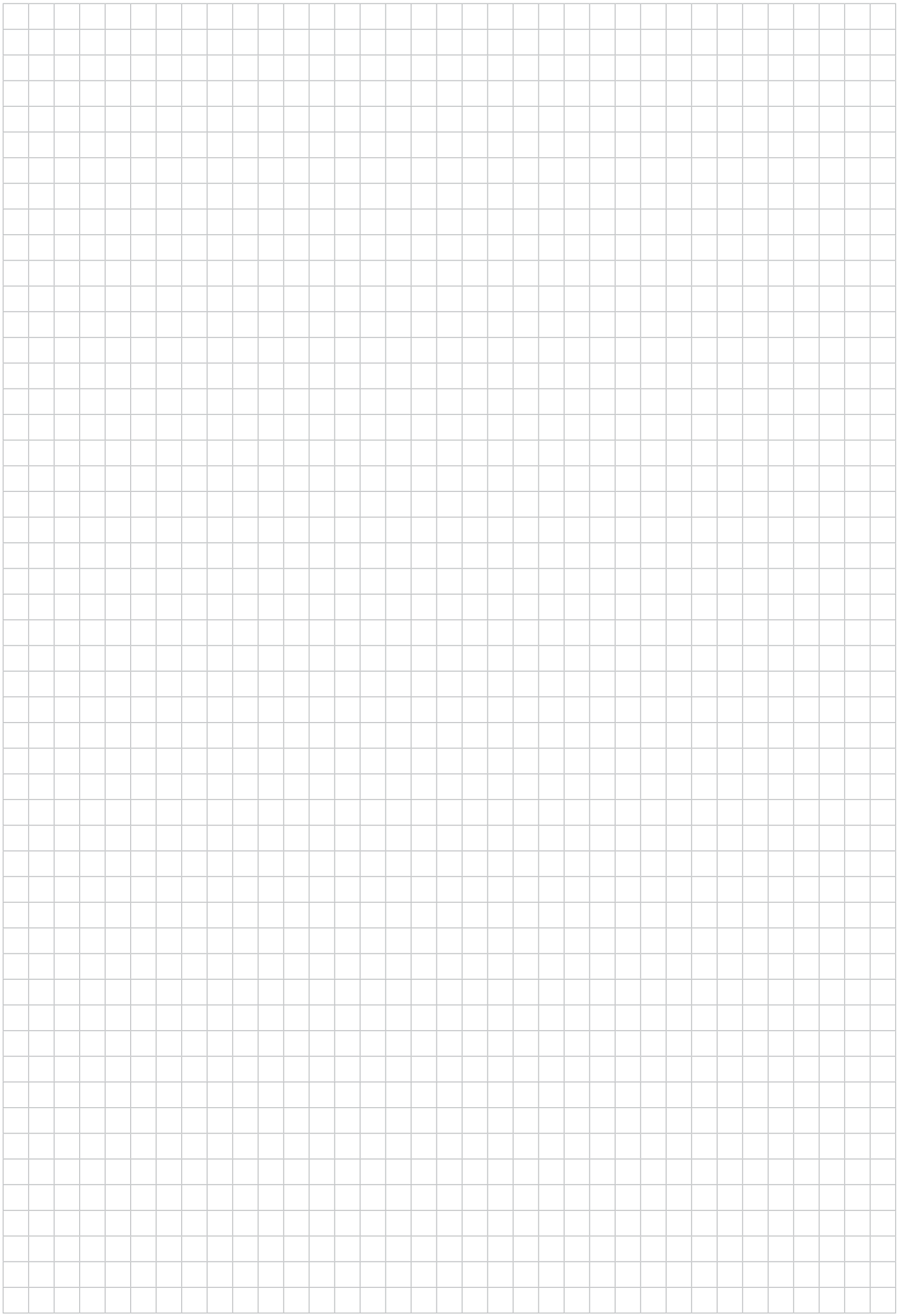


Designation	s mm	T_{max} mm	D_{max} mm	h_1 mm	W mm	l_1 mm	s_1 mm	Module size	Type
★ G4635-33L-2T16DX18-P	2	16	32	24	7,2	45	1,6	E33	DX18-2E2 ..
★ G4635-33L-2.5T16DX18-P	2,5	16	32	24	7,2	45	2,1	E33	DX18-2E2.5 ..

The maximum recommended coolant pressure is 150 bar (2175 psi)
Refer to the Walter online catalogue for more product information: www.walter-tools.com

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

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



Walter GPS



Your navigation system for the best machining solution.

Find the right tool with a click of the mouse.
In just four clicks, Walter GPS takes you from the definition of your target to the most cost-efficient tool and machining solution. Walter GPS is surprisingly comprehensive. Be it holemaking, threading, turning or milling: Full information on all tools from Walter, Walter Titex and Walter Prototyp can be displayed in an instant. Access essential usage data, such as accurate cutting data or precise cost-efficiency calculations, on your screen.

Walter GPS is now also available for smartphones and tablet PCs. This means that you are able to access all the required tool information at any time, wherever you are, even without a PC: In the workshop, at the machine or on the move.



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WALTER
Engineering Kompetenz

A – Turning

A3: Thread turning		Page
Indexable inserts	Product range overview	
	Indexable inserts	149
Walter NTS threading tools	Walter NTS threading tools	150

A3

Indexable inserts

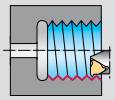
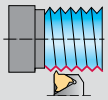
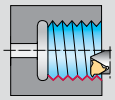
Machining	Internal machining				
Indexable inserts					
Thread type	55° partial profile	60° partial profile	full profile, American UN 60°	full profile, ISO metric 60°	full profile, Whitworth
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●	●	●	●	●
S Materials 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					
www.walter-tools.com/woc/	NTS	NTS	NTS	NTS	NTS

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

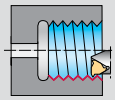
WALTER SELECT ●● Primary application ● Other application

A3

Walter NTS threading tools

Type				
Machining				
				
Designation	**S...-NTS-I**	**NTS-SE**	**C...-NTS-SE**	**C...-NTS-SI**
Version	M_CYLF3	M_VKT01	M_CCS01	M_CCS01
Clamping system	**CLP_SCWCP1**	**CLP_SCWCP1**	**CLP_SCWCP1**	**CLP_SCWCP1**
Coolant supply	External	External	axial	axial
Size	**16–40**	**12–40**	**C3–C6**	**40–63**
Insert size l [mm]	16–22	16–22	16–22	16–22
Page in catalogue				
QR code				
www.walter-tools.com/woc/	S-NTS-I	NTS-SE	C-NTS-SE	C-NTS-SI

Walter NTS threading tools

Type		
Machining		
		
Designation	**A...-NTS-I**	**T1820-Q...-P**
Version	M_CYLF3	M_SGL01
Clamping system	**CLP_SCWCP1**	
Coolant supply	axial	Precision cooling
Size	**20**	**25–50**
Insert size l [mm]	11–16	
Page in catalogue		
QR code		
www.walter-tools.com/woc/	A-NTS-I	T1820-Q-P



B – Drilling

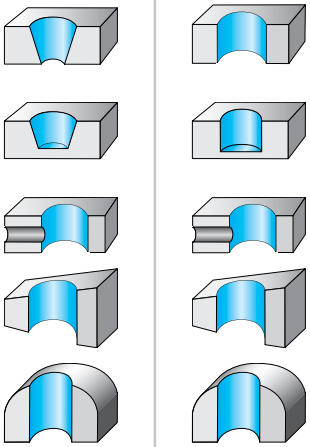
B1: Drilling from solid		Page
Solid carbide drilling and reaming tools	Product range overview	
	Solid carbide drills – with internal coolant	154
	Solid carbide drills – without internal coolant	165
	Order pages	
	Solid carbide drills – with internal coolant	169
Drilling/chamfering tools	Product range overview	
	Drilling/chamfering tools	181
Indexable inserts for holemaking	Order pages	
	Indexable inserts for holemaking	182
Boring tools with indexable inserts	Product range overview	
	Indexable insert drills	186
	Order pages	
	Drills with indexable inserts	190
HSS drilling and reaming tools	Product range overview	
	HSS drilling and reaming tools	224
Solid carbide and HSS NC centre drills	Solid carbide and HSS NC centre drills	230
Solid carbide and HSS centre drills	Solid carbide and HSS centre drills	232

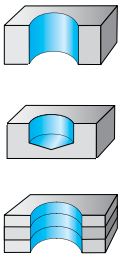
B2: Boring and precision boring		Page
Tools for boring and precision boring	Product range overview	
	Precision boring	236
	Boring	240
HSS core drills and countersinkers	HSS core drills and countersinkers	244

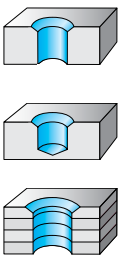
B3: Reaming		Page
Solid carbide and HSS reamers	Product range overview	
	Solid carbide and HSS reamers	246

B1

Solid carbide drills with internal coolant







Drilling depth	**2 x D_C**	**2 x D_C**	**2 x D_C**		**3 x D_C**









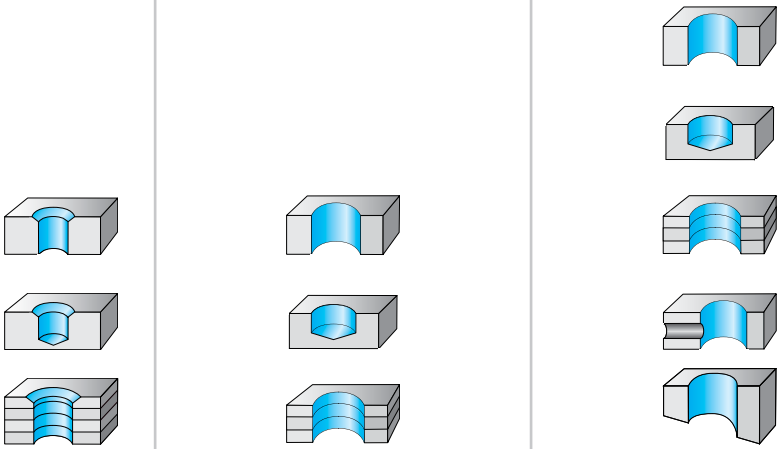


Designation	K5191TFT X-treme Pilot 180 C	DC118 Supreme	DB131 Supreme	A6181TFT XD Pilot	DC260 Advance X-treme Evo
Additional services					R
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	TFT	WJ30ET	WJ30EL	TFT	WJ30ET
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	4–7	3–20	2–2,95	3–16	3,3–14
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					
QR code					
www.walter-tools.com/woc/	K5191TFT	DC118	DB131	A6181TFT	DC260

WALTER SELECT

●● Primary application ● Other application

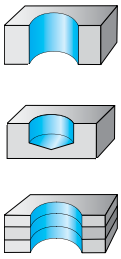
Solid carbide drills with internal coolant



Drilling depth	3 x D_C	3 x D_C		3 x D_C	
		Selection			
					
Designation	DC260 Advance X·treme Evo	DC180 Supreme X·treme Evo Plus	DC175 Supreme	DC170 Supreme	DC160 Advance X·treme Evo
Additional services	R	R	R	R	R
Standard	Walter	DIN 6537 K	DIN 6537 K	DIN 6537 K	DIN 6537 K
Coating / grade	WJ30ET	WJ30EZ	WJ30RZ	WJ30EJ	WJ30ET
Shank	DIN 6535 HE	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3,3–14	3–20	3–20	3–20	3–20
P Steel	●●	●●	●	●●	●●
M Stainless steel	●	●●	●●		●
K Cast iron	●●	●●		●●	●●
N NF metals	●●	●●	●		●●
S Materials with difficult cutting properties	●●	●●	●●		●●
H Hard materials	●	●●		●	●
O Other	●	●	●		●
Page in catalogue		B 169			
QR code					
www.walter-tools.com/woc/	DC260	DC180	DC175	DC170	DC160

WALTER SELECT ●● Primary application ● Other application

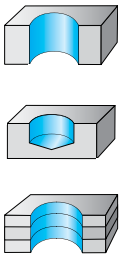
Solid carbide drills with internal coolant


Drilling depth	**3 x D_C**	**3 x D_C**			**5 x D_C**
					Selection
					
Designation	DC160 Advance X-treme Evo	DC150 Perform	DC150 Perform	A3289DPL X-treme Plus	DC183 Supreme X-treme Evo 3
Additional services	R	R	R	R	R
Standard	DIN 6537 K	DIN 6537 K	DIN 6537 K	DIN 6537 K	Walter
Coating / grade	WJ30ET	WJ30RE	WJ30RE	DPL	WJ30EZ
Shank	DIN 6535 HE	DIN 6535 HA	DIN 6535 HE, turned 180° DIN 6535 HB	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–20	3–20	3–20	3–20	3–16
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●●	●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●
H Hard materials	●	●	●	●●	
O Other	●	●	●	●	
Page in catalogue					**B 177**
QR code					
www.walter-tools.com/woc/	DC160	DC150	DC150	A3289DPL	DC183

WALTER SELECT ●● Primary application ● Other application

Solid carbide drills with internal coolant





Drilling depth	**5 x D_C**		**5 x D_C**		
	Selection			Selection	
					
Designation	DC180 Supreme X-treme Evo Plus	DC175 Supreme	DC170 Supreme	DC166 Supreme	DC165 Advance
Additional services	R	R	R	R	R
Standard		Walter	DIN 6537 L	DIN 6537 L	Walter
Coating / grade	WJ30EZ	WJ30RZ	WJ30EJ	WJ30UU	WJ30UU
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–20	3–20	3–20	3–12	4–16
P Steel	●●	●	●●		
M Stainless steel	●●	●●			
K Cast iron	●●		●●		●●
N NF metals	●●	●		●●	●●
S Materials with difficult cutting properties	●●	●●			
H Hard materials	●●		●		
O Other	●	●			
Page in catalogue	**B 172**			**B 176**	
QR code					
www.walter-tools.com/woc/	DC180	DC175	DC170	DC166	DC165

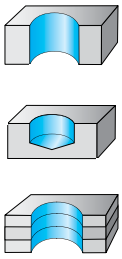
WALTER SELECT

●● Primary application ● Other application

B1

Solid carbide drills with internal coolant





Drilling depth	**5 x D_C**	**5 x D_C**









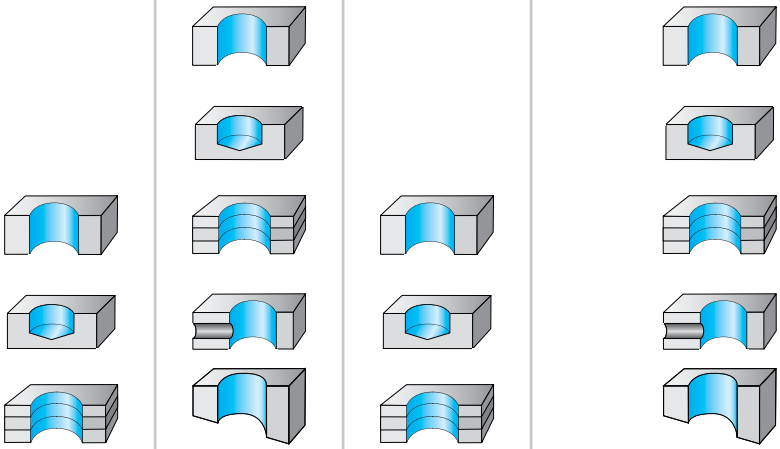


Designation	DC160 Advance X-treme Evo	DC160 Advance X-treme Evo	DC150 Perform	DC150 Perform	DB133 Supreme
Additional services	R	R	R	R	R
Standard	DIN 6537 L	DIN 6537 L	DIN 6537 L	DIN 6537 L	Walter
Coating / grade	WJ30ET	WJ30ET	WJ30RE	WJ30RE	WJ30EL
Shank	DIN 6535 HA	DIN 6535 HE	DIN 6535 HA	DIN 6535 HE, turned 180° DIN 6535 HB	DIN 6535 HA
Diameter range [mm]	3–25	3–25	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					
www.walter-tools.com/woc/	DC160	DC160	DC150	DC150	DB133

WALTER SELECT

●● Primary application ● Other application

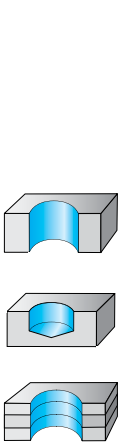
Solid carbide drills with internal coolant

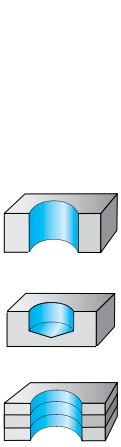


Drilling depth	**5 x D_C**	**8 x D_C**	**8 x D_C**	**8 x D_C**	
		Selection			
					
Designation	A3389DPL X-treme Plus	DC183 Supreme X-treme Evo 3	DC175 Supreme	DC170 Supreme	DC160 Advance X-treme Evo
Additional services	R	R	R	R	R
Standard	DIN 6537 L	Walter	Walter	Walter	Walter
Coating / grade	DPL	WJ30EY	WJ30RY	WJ30EJ	WJ30ET
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–20	3–16	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	●		●		●
Page in catalogue		B 180			
QR code					
www.walter-tools.com/woc/	A3389DPL	DC183	DC175	DC170	DC160

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**	**12 x D_C**





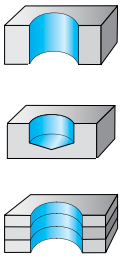


Designation	DC150 Perform	DB133 Supreme	A6489DPP X·treme D8	A3486TIP Alpha® 44	DC170 Supreme
Additional services	R	R	R	R	R
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30TA	WJ30ER	DPP	TIP	WJ30EJ
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–20	0,7–2,95	3–20	5–9	3–20
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●●	●●	●	
K Cast iron	●●	●●	●●	●	●●
N NF metals	●●	●●	●●	●●	
S Materials with difficult cutting properties	●●	●●	●●	●	
H Hard materials	●	●	●●		●
O Other	●	●	●	●	
Page in catalogue					
QR code					
www.walter-tools.com/woc/	DC150	DB133	A6489DPP	A3486TIP	DC170

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant

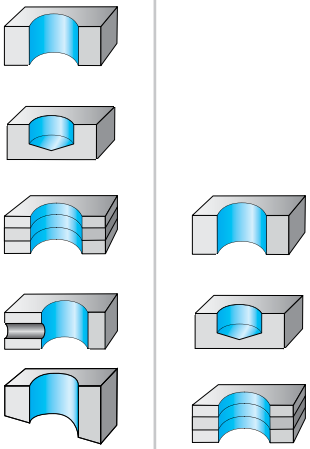

Drilling depth	**12 x D_C**		**12 x D_C**	**12 x D_C**	**16 x D_C**
					
Designation	DC160 Advance X·treme Evo	DC150 Perform	DB133 Supreme	A6589DPP X·treme D12	DC170 Supreme
Additional services	R	R	R	R	R
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30EU	WJ30TA	WJ30ER	DPP	WJ30EJ
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–20	3–20	0,7–2,9	3–20	3–16
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●●	●●	
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	
S Materials with difficult cutting properties	●●	●●	●●	●●	
H Hard materials	●	●●	●	●●	●
O Other	●	●	●	●	
Page in catalogue					
QR code					
www.walter-tools.com/woc/	DC160	DC150	DB133	A6589DPP	DC170

WALTER SELECT

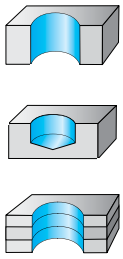
●● Primary application ● Other application

B1

Solid carbide drills with internal coolant







Drilling depth	**16 x D_C**	**16 x D_C**	**20 x D_C**		**20 x D_C**







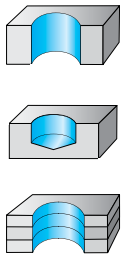


Designation	DC160 Advance X-treme Evo	DB133 Supreme	DC170 Supreme	DC160 Advance X-treme Evo	DB133 Supreme
Additional services	R	R	R	R	R
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30EU	WJ30ER	WJ30EJ	WJ30EU	WJ30ER
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter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

WALTER SELECT

●● Primary application ● Other application

Solid carbide drills with internal coolant

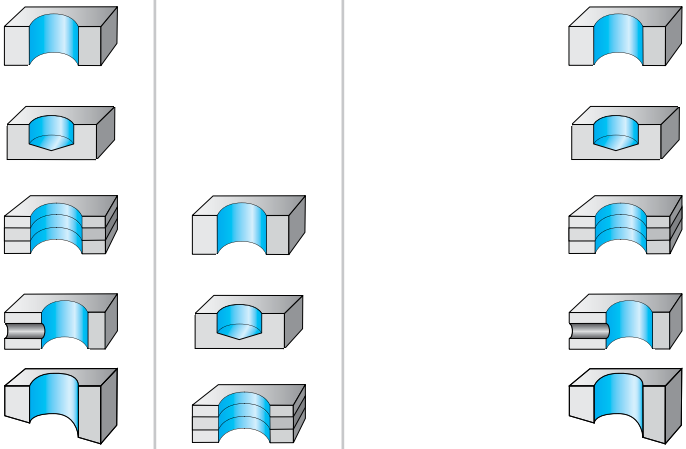




Drilling depth	**20 x D_C**	**25 x D_C**		**25 x D_C**	**30 x D_C**
					
Designation	A6794TFP X-treme DH20	DC170 Supreme	DC160 Advance X-treme Evo	DB133 Supreme	DC170 Supreme
Additional services	R	R	R	R	R
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	TFP	WJ30EJ	WJ30EU	WJ30ER	WJ30EJ
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–10	3–12	3–12	2–2,9	3–12
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●		●	●●	
K Cast iron	●	●●	●●	●●	●●
N NF metals	●		●●	●●	
S Materials with difficult cutting properties	●		●●	●●	
H Hard materials	●	●	●	●	●
O Other			●	●	
Page in catalogue					
QR code					
www.walter-tools.com/woc/	A6794TFP	DC170	DC160	DB133	DC170

WALTER SELECT

●● Primary application ● Other application

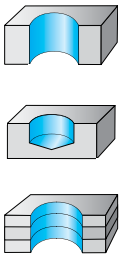
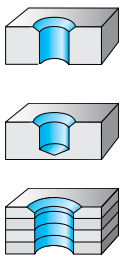
Solid carbide drills with internal coolant



Drilling depth	**30 x D_C**	**30 x D_C**	**30 x D_C**	**40 x D_C**	**50 x D_C**
					
Designation	DC160 Advance X-treme Evo	DB133 Supreme	A6994TFP X-treme DH30	A7495TTP X-treme D40	A7595TTP X-treme D50
Additional services	R	R	R	R	R
Standard	Walter	Walter	Walter	Walter	Walter
Coating / grade	WJ30EU	WJ30ER	TFP	TTP	TTP
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–12	2–2,9	3–10	3–11	3–9
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●●	●	●	●
K Cast iron	●●	●●	●	●●	●●
N NF metals	●●	●●	●	●●	●●
S Materials with difficult cutting properties	●●	●●	●		
H Hard materials	●	●	●		
O Other	●	●			
Page in catalogue					
QR code					
www.walter-tools.com/woc/	DC160	DB133	A6994TFP	A7495TTP	A7595TTP

WALTER SELECT ●● Primary application ● Other application

Solid carbide drills without internal coolant

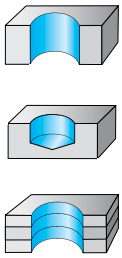
					
Drilling depth	**2 x D_C**	**3 x D_C**		**3 x D_C**	
					
Designation	DB131 Supreme	DC260 Advance X-treme Evo	DC260 Advance X-treme Evo	DC160 Advance X-treme Evo	DC160 Advance X-treme Evo
Additional services		R	R	R	R
Standard	Walter	Walter	Walter	DIN 6537 K	DIN 6537 K
Coating / grade	WJ30EL	WJ30ET	WJ30ET	WJ30ET	WJ30ET
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HE	DIN 6535 HA	DIN 6535 HE
Diameter range [mm]	0,5–1,984	3,3–14	3,3–14,5	3–20	3–20
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●				
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials	●	●	●	●	●
O Other	●	●	●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	DB131	DC260	DC260	DC160	DC160

WALTER SELECT

●● Primary application ● Other application

B1

Solid carbide drills without internal coolant





Drilling depth	**3 x D_C**			**3 x D_C**	









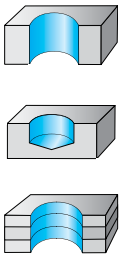
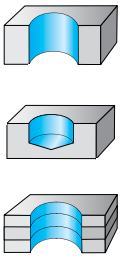


Designation	DC150 Perform	DC150 Perform	DC150 Perform	A1166TIN	A1166
Additional services	R	R		R	R
Standard	DIN 6537 K	DIN 6537 K	DIN 6539	Walter	Walter
Coating / grade	uncoated	WJ30ET	WJ30ET	WJ30TA	WJ30EL
Shank	Cylindrical shank	DIN 6535 HE	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	3–20	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	●	●	●		
Page in catalogue					
QR code					
www.walter-tools.com/woc/	DC150	DC150	DC150	A1166TIN	A1166

WALTER SELECT

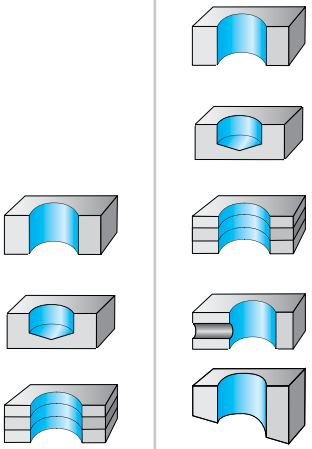
●● Primary application ● Other application

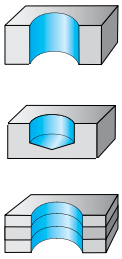
Solid carbide drills without internal coolant

					
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	R	R	R	R	R
Standard	DIN 6539	DIN 6537 L	DIN 6537 L	DIN 6537 L	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]	1–12	3–25	3–25	3–20	0,5–2,95
P Steel		●●	●●	●●	●●
M Stainless steel				●	
K Cast iron	●	●●	●●	●●	●●
N NF metals	●●	●	●	●	●●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials		●	●	●	●
O Other	●●	●	●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	A1163	DC160	DC160	DC150	DB133

WALTER SELECT ●● Primary application ● Other application

Solid carbide drills without internal coolant





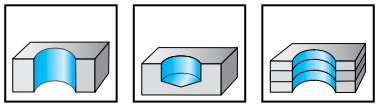
Drilling depth	**5 x D_C**	**5 x D_C**	**8 x D_C**		
					
Designation	DB130 Supreme	A3367 BSX	DB133 Supreme	A1276TFL Alpha® 22	A1263
Additional services		R	R	R	R
Standard	DIN 1899	DIN 6537 L	Walter	DIN 338	DIN 338
Coating / grade	WJ30UU	uncoated	WJ30ER	TFL	uncoated
Shank	Cylindrical shank	DIN 6535 HA	DIN 6535 HA	Cylindrical shank	Cylindrical shank
Diameter range [mm]	0,1–1,45	3–16	0,5–2,95	3–10,2	0,6–12
P Steel	●●		●●	●●	
M Stainless steel	●●				
K Cast iron	●●	●●	●●	●●	●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●	●	●	●
H Hard materials			●		
O Other	●●	●	●		●●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	DB130	A3367	DB133	A1276TFL	A1263

WALTER SELECT ●● Primary application ● Other application

Solid carbide drills with coolant-through
DC180 Supreme
X-treme Evo Plus



– with innovative Krato-tec™ multilayer coating

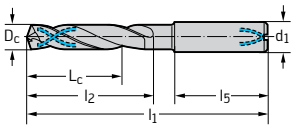


Krato-tec™ | 3×D_c | DIN 6537 K | 140°

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

B1

Tool



DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EZ
★ 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-	3,1750	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-	3,5720	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-	3,9690	5/32"	17	66	24	36	6	☺
★ DC180-03-04.000A1-	4		17	66	24	36	6	☺
★ DC180-03-04.100A1-	4,1		17	66	24	36	6	☺
★ 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-	4,3660	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-	4,6		17	66	24	36	6	☺
★ DC180-03-04.700A1-	4,7		17	66	24	36	6	☺
★ DC180-03-04.763A1-	4,7630	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	☺
★ DC180-03-05.159A1-	5,1590	13/64"	20	66	28	36	6	☺
★ DC180-03-05.200A1-	5,2		20	66	28	36	6	☺
★ DC180-03-05.300A1-	5,3		20	66	28	36	6	☺
★ DC180-03-05.400A1-	5,4		20	66	28	36	6	☺
★ DC180-03-05.500A1-	5,5		20	66	28	36	6	☺
★ DC180-03-05.550A1-	5,5		20	66	28	36	6	☺
★ DC180-03-05.556A1-	5,5560	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

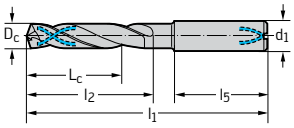
WALTER SELECT

●● Primary application ● Other application

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

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

Tool



DIN 6535 HA

B1

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EZ
★ 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-	5,9530	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-	6,3500	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-	6,7470	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-	7,1440	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-	7,5410	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-	7,9380	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-	8,3340	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-	8,7310	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-	9,1280	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-	9,5250	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	●●
★ DC180-03-09.800A1-	9,8		35	89	47	40	10	●●

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

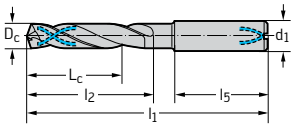
WALTER SELECT

●● Primary application ● Other application

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

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

Tool



DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EZ
★ DC180-03-09.922A1-	9,9220	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-	10,3190	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-	10,7160	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-	11,1130	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-	11,5090	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-	11,9060	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-	12,3030	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-	12,7000	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-	13,4940	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-	14,2880	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-	15,8750	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-	19,0500	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

B1

WALTER SELECT

●● Primary application ● Other application

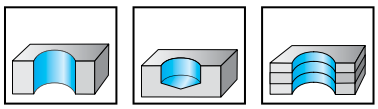
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide drills with coolant-through
DC180 Supreme
X-treme Evo Plus



– with innovative Krato-tec™ multilayer coating

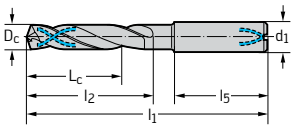


Krato-tec™ | 5×D_c | DIN 6537 L | 140°

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

B1

Tool



DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EZ
★ 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-	3,1750	1/8"	19	66	24	36	6	☻
★ DC180-05-03.200A1-	3,2		19	66	24	36	6	☻
★ DC180-05-03.250A1-	3,2		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-	3,5720	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-	3,9690	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-	4,3660	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-	4,6		29	74	36	36	6	☻
★ DC180-05-04.700A1-	4,7		29	74	36	36	6	☻
★ DC180-05-04.763A1-	4,7630	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-	5,1590	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-	5,5		35	82	44	36	6	☻
★ DC180-05-05.556A1-	5,5560	7/32"	35	82	44	36	6	☻

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

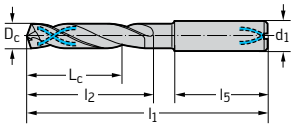
WALTER SELECT

●● Primary application ● Other application

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

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

Tool



DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EZ
★ DC180-05-05.600A1-	5,6		35	82	44	36	6	☺
★ DC180-05-05.700A1-	5,7		35	82	44	36	6	☺
★ 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-	5,9530	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-	6,3500	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-	6,7470	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-	7,1440	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-	7,5410	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-	7,9380	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-	8,3340	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	☺
★ DC180-05-08.750A1-	8,7		49	103	61	40	10	☺
★ DC180-05-08.731A1-	8,7310	11/32"	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-	9,1280	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-	9,5250	3/8"	49	103	61	40	10	☺
★ DC180-05-09.600A1-	9,6		49	103	61	40	10	☺

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

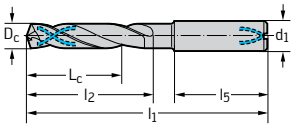
WALTER SELECT

●● Primary application ● Other application

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

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

Tool



DIN 6535 HA

B1

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EZ
★ 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-	9,9220	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-	10,3190	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-	10,7160	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-	11,1130	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-	11,5090	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-	11,9060	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-	12,3030	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-	12,7000	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-	13,4940	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-	14,2880	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-	15,8750	5/8"	63	133	83	48	16	☺
★ DC180-05-16.000A1-	16		63	133	83	48	16	☺
★ DC180-05-16.500A1-	16,5		71	143	93	48	18	☺

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

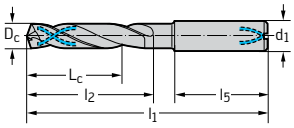
WALTER SELECT

●● Primary application ● Other application

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

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

Tool



DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EZ
★ 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-	19,0500	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

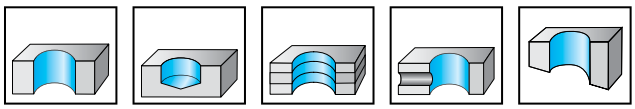
●● Primary application ● Other application

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

★ = New addition to the product range

Solid carbide twist drill
DC166 Supreme



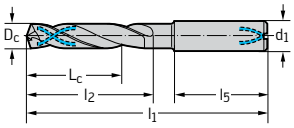


5×D_c | DIN 6537 L | 140°

B1

	P	M	K	N	S	H	O
WJ30UU				●●			

Tool



DIN 6535 HA

Designation	m7	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30UU
★ DC166-05-03.000A1-	3	23	66	28	36	6	☻
★ DC166-05-04.000A1-	4	29	74	36	36	6	☻
★ DC166-05-04.200A1-	4,2	29	74	36	36	6	☻
★ DC166-05-05.000A1-	5	35	82	44	36	6	☻
★ DC166-05-06.000A1-	6	35	82	44	36	6	☻
★ DC166-05-06.800A1-	6,8	43	91	53	36	8	☻
★ DC166-05-07.500A1-	7,5	43	91	53	36	8	☻
★ DC166-05-08.000A1-	8	43	91	53	36	8	☻
★ DC166-05-08.500A1-	8,5	49	103	61	40	10	☻
★ DC166-05-09.300A1-	9,3	49	103	61	40	10	☻
★ DC166-05-10.000A1-	10	49	103	61	40	10	☻
★ DC166-05-10.200A1-	10,2	56	118	71	45	12	☻
★ DC166-05-12.000A1-	12	56	118	71	45	12	☻

Ordering example for the grade WJ30UU: DC166-05-03.000A1-WJ30UU

WALTER SELECT

●● Primary application ● Other application

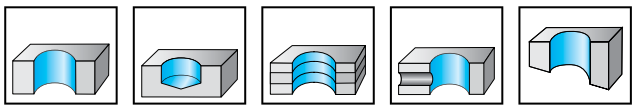
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide twist drill 3 flutes
DC183 Supreme
X-treme Evo 3



– with innovative Krato-tec™ multilayer coating

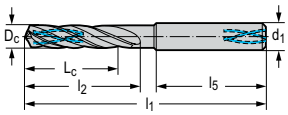


Krato-tec™ | 5×D_C | DIN 6537 L |  | 
135°

	P	M	K	N	S	H	O
WJ30EZ	●●	●	●●	●●	●		

B1

Tool



DIN 6535 HA

Designation	m7	$D_{C\ Inch/Nr}$	L_C mm	l_1 mm	l_2 mm	l_5 mm	h6	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	☺
★ 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

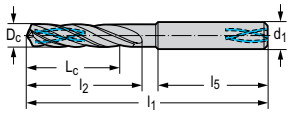
WALTER SELECT

●● Primary application ● Other application

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

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

Tool



DIN 6535 HA

B1

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	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	☺
★ DC183-05-15.300A1-	15,3		63	133	83	48	16	☺

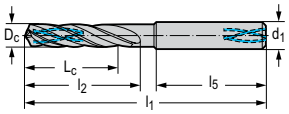
Ordering example for the grade WJ30EZ: DC183-05-03.000A1-WJ30EZ

WALTER SELECT

●● Primary application ● Other application

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

Tool



DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EZ
★ 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

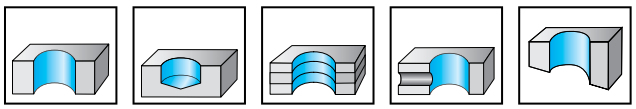
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

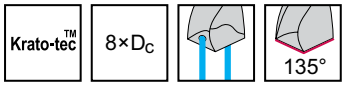
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide twist drill 3 flutes
DC183 Supreme
X-treme Evo 3



– with innovative Krato-tec™ multilayer coating

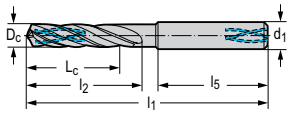




	P	M	K	N	S	H	O
WJ30EY	●●	●	●●	●●	●		

B1

Tool



DIN 6535 HA

Designation	m7	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	h6	WJ30EY
★ 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

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

Drilling/chamfering tools



Drilling depth		

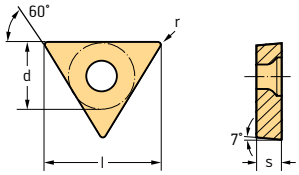




Designation	P6200 Tiger·tec®	D4580 Xtra·tec®
Additional services		
Standard		
Coating / grade	WSP45G	
Shank		Cylindrical shank with collar
Diameter range [mm]	–	–
P Steel		●●
M Stainless steel		●●
K Cast iron		●●
N NF metals		●●
S Materials with difficult cutting properties		●●
H Hard materials		
O Other		
Page in catalogue		
QR code		
www.walter-tools.com/woc/	VCGX	D4580

WALTER SELECT ●● Primary application ● Other application

Positive triangular 60°
TCMT
Tiger·tec® Gold



Indexable inserts

	Designation	l mm	r mm	P HC WKP01G	P HC WPP10G	P HC WPP20G	P HC WPP30G	P HE WEP10C	K HC WKP01G
	TCMT06T102-FP4	6,87	0,2			😐			
	TCMT06T104-FP4	6,87	0,4			😐		😊	
	TCMT090202-FP4	9,62	0,2			😐			
	TCMT090204-FP4	9,62	0,4	★	😊	😐		😊	★
	TCMT090208-FP4	9,62	0,8			😐			
	TCMT110202-FP4	11	0,2		😊	😐			
	TCMT110204-FP4	11	0,4	★	😊	😐		😊	★
	TCMT110208-FP4	11	0,8		😊	😐			
	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		😊	😐	😵		

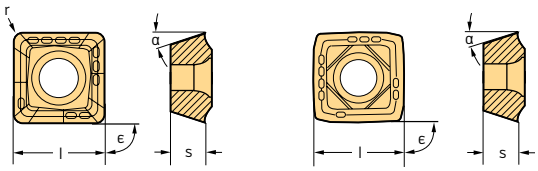
See the ISO 1832 designation key for dimensions
Ordering example for the grade WPP20G: TCMT06T102-FP4 WPP20G

HC = Coated carbide
HE = Coated cermet

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

New addition to the product range = ★ / ★

Square
P484 .
Tiger·tec® Gold



Indexable inserts

	Designation	Number of cutting edges	l mm	s mm	r mm	α	ε	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840P-1R-A57	4	4,55	2	0,29	11°	90°	1	☺	😐	☹	☹	☺	☹			☹
	P4840P-2R-A57	4	5,52	2,3	0,34	11°	90°	2	☺	😐	☹	☹	☺	☹			☹
	P4840P-3R-A57	4	6,5	2,8	0,4	11°	90°	3	☺	😐	☹	☹	☺	☹			☹
	P4840P-4R-A57	4	7,8	3,4	0,48	11°	90°	4	☺	😐	☹	☹	☺	☹			☹
	P4840P-5R-A57	4	9,56	4,1	0,59	11°	90°	5	☺	😐	☹	☹	☺	☹			☹
	P4840P-6R-A57	4	11,75	4,9	0,7	11°	90°	6	☺	😐	☹	☹	☺	☹			☹
	P4840P-7R-A57	4	14,03	5,5	0,8	11°	90°	7	☺	😐	☹	☹	☺	☹			☹
	P4840P-8R-A57	4	16,5	5,5	1	11°	90°	8	☺	😐	☹	☹	☺	☹			☹
	P4840P-1R-E57	4	4,55	2	0,29	11°	90°	1	😊	😐	☹	☹	☺	☹			☹
	P4840P-2R-E57	4	5,52	2,3	0,34	11°	90°	2	😊	😐	☹	☹	☺	☹			☹
	P4840P-3R-E57	4	6,5	2,8	0,4	11°	90°	3	😊	😐	☹	☹	☺	☹			☹
	P4840P-4R-E57	4	7,8	3,4	0,48	11°	90°	4	😊	😐	☹	☹	☺	☹			☹
	P4840P-5R-E57	4	9,56	4,1	0,59	11°	90°	5	😊	😐	☹	☹	☺	☹			☹
	P4840P-6R-E57	4	11,75	4,9	0,7	11°	90°	6	😊	😐	☹	☹	☺	☹			☹
	P4840P-7R-E57	4	14,03	5,5	0,8	11°	90°	7	😊	😐	☹	☹	☺	☹			☹
	P4840P-8R-E57	4	16,5	5,5	1	11°	90°	8	😊	😐	☹	☹	☺	☹			☹
	P4840P-1R-E67	4	4,55	2	0,29	11°	90°	1	😊	☹	☹	☹	☺	☹			☹
	P4840P-2R-E67	4	5,52	2,3	0,34	11°	90°	2	😊	☹	☹	☹	☺	☹			☹
	P4840P-3R-E67	4	6,5	2,8	0,4	11°	90°	3	😊	☹	☹	☹	☺	☹			☹
	P4840P-4R-E67	4	7,8	3,4	0,48	11°	90°	4	😊	☹	☹	☹	☺	☹			☹
	P4840P-5R-E67	4	9,56	4,1	0,59	11°	90°	5	😊	☹	☹	☹	☺	☹			☹
	P4840P-6R-E67	4	11,75	4,9	0,7	11°	90°	6	😊	☹	☹	☹	☺	☹			☹
	P4840P-7R-E67	4	14,03	5,5	0,8	11°	90°	7	😊	☹	☹	☹	☺	☹			☹
	P4840P-8R-E67	4	16,5	5,5	1	11°	90°	8	😊	☹	☹	☹	☺	☹			☹
	P4840P-1R-E77	4	4,55	2	0,29	11°	90°	1							😊	😊	
	P4840P-2R-E77	4	5,52	2,3	0,34	11°	90°	2							😊	😊	
	P4840P-3R-E77	4	6,5	2,8	0,4	11°	90°	3							😊	😊	
	P4840P-4R-E77	4	7,8	3,4	0,48	11°	90°	4							😊	😊	
	P4840P-5R-E77	4	9,56	4,1	0,59	11°	90°	5							😊	😊	
	P4840P-6R-E77	4	11,75	4,9	0,7	11°	90°	6							😊	😊	
	P4840P-7R-E77	4	14,03	5,5	0,8	11°	90°	7							😊	😊	
	P4840P-8R-E77	4	16,5	5,5	1	11°	90°	8							😊	😊	
	P4841P-1R-A57	4	4,55	2	0,29	11°	90°	1	☺	😐	☹	☹	☺	☹			☹
	P4841P-2R-A57	4	5,52	2,3	0,34	11°	90°	2	☺	😐	☹	☹	☺	☹			☹
	P4841P-3R-A57	4	6,5	2,8	0,4	11°	90°	3	☺	😐	☹	☹	☺	☹			☹
	P4841P-4R-A57	4	7,8	3,4	0,48	11°	90°	4	☺	😐	☹	☹	☺	☹			☹
	P4841P-5R-A57	4	9,56	4,1	0,59	11°	90°	5	☺	😐	☹	☹	☺	☹			☹
	P4841P-6R-A57	4	11,75	4,9	0,7	11°	90°	6	☺	😐	☹	☹	☺	☹			☹
	P4841P-7R-A57	4	14,03	5,5	0,8	11°	90°	7	☺	😐	☹	☹	☺	☹			☹
	P4841P-8R-A57	4	16,5	5,5	1	11°	90°	8	☺	😐	☹	☹	☺	☹			☹

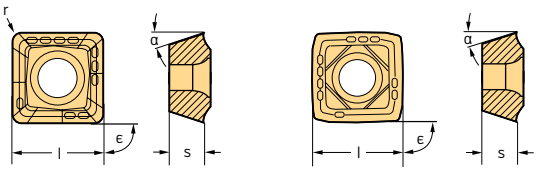
Ordering example for the grade WKP25S: P4840P-1R-A57 WKP25S

HC = Coated carbide
HW = Uncoated carbide

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

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

Square
P484 .
Tiger·tec® Gold



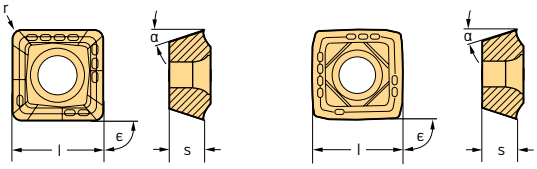
Indexable inserts

	Designation	Number of cutting edges	l mm	s mm	r mm	α	ε	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4841P-1R-E57	4	4,55	2	0,29	11°	90°	1	☺	😐	☹	☹	😐	☹			☹
	P4841P-2R-E57	4	5,52	2,3	0,34	11°	90°	2	☺	😐	☹	☹	😐	☹			☹
	P4841P-3R-E57	4	6,5	2,8	0,4	11°	90°	3	☺	😐	☹	☹	😐	☹			☹
	P4841P-4R-E57	4	7,8	3,4	0,48	11°	90°	4	☺	😐	☹	☹	😐	☹			☹
	P4841P-5R-E57	4	9,56	4,1	0,59	11°	90°	5	☺	😐	☹	☹	😐	☹			☹
	P4841P-6R-E57	4	11,75	4,9	0,7	11°	90°	6	☺	😐	☹	☹	😐	☹			☹
	P4841P-7R-E57	4	14,03	5,5	0,8	11°	90°	7	☺	😐	☹	☹	😐	☹			☹
	P4841P-8R-E57	4	16,5	5,5	1	11°	90°	8	☺	😐	☹	☹	😐	☹			☹

Ordering example for the grade WKP25S: P4840P-1R-A57 WKP25S

HC = Coated carbide
HW = Uncoated carbide

Square
P484 .
Tiger·tec® Gold



Indexable inserts

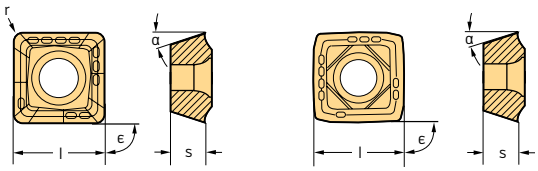
	Designation	Number of cutting edges	l mm	s mm	r mm	α	ε	Size	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4841C-1R-A57	4	4,9	2	0,29	11°	90°	1		☹	☹				☹
	P4841C-2R-A57	4	5,95	2,4	0,34	11°	90°	2		☹	☹				☹
	P4841C-3R-A57	4	7	2,8	0,4	11°	90°	3		☹	☹				☹
	P4841C-4R-A57	4	8,4	3,4	0,48	11°	90°	4		☹	☹				☹
	P4841C-5R-A57	4	10,29	4,1	0,59	11°	90°	5		☹	☹				☹
	P4841C-6R-A57	4	12,24	4,9	0,7	11°	90°	6		☹	☹				☹
	P4841C-7R-A57	4	14,69	5,5	0,8	11°	90°	7		☹	☹				☹
	P4841C-8R-A57	4	17,49	5,6	1	11°	90°	8	☹	☹	☹	☹			☹
	P4841C-1R-E57	4	4,9	2	0,29	11°	90°	1	😐	☹	☹	☹			☹
	P4841C-2R-E57	4	5,95	2,4	0,34	11°	90°	2	😐	☹	☹	☹			☹
	P4841C-3R-E57	4	7	2,8	0,4	11°	90°	3	😐	☹	☹	☹			☹
	P4841C-4R-E57	4	8,4	3,4	0,48	11°	90°	4	😐	☹	☹	☹			☹
	P4841C-5R-E57	4	10,29	4,1	0,59	11°	90°	5	😐	☹	☹	☹			☹
	P4841C-6R-E57	4	12,24	4,9	0,7	11°	90°	6	😐	☹	☹	☹			☹
	P4841C-7R-E57	4	14,69	5,5	0,8	11°	90°	7	😐	☹	☹	☹			☹
	P4841C-8R-E57	4	17,49	5,6	1	11°	90°	8	😐	☹	☹	☹			☹

Ordering example for the grade WSP45G: P4841C-1R-A57 WSP45G

HC = Coated carbide
HW = Uncoated carbide

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

Square
P484 .
Tiger·tec® Gold



Indexable inserts

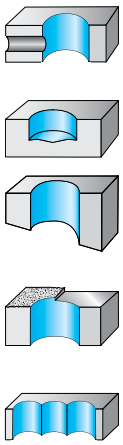
	Designation	Number of cutting edges	l mm	s mm	r mm	α	ε	Size	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-1R-E67	4	4,9	2	0,29	11°	90°	1		☹	☹				☹
	P4840C-2R-E67	4	5,95	2,4	0,34	11°	90°	2		☹	☹				☹
	P4840C-3R-E67	4	7	2,8	0,4	11°	90°	3		☹	☹				☹
	P4840C-4R-E67	4	8,4	3,4	0,48	11°	90°	4		☹	☹				☹
	P4840C-5R-E67	4	10,29	4,1	0,59	11°	90°	5		☹	☹				☹
	P4840C-6R-E67	4	12,24	4,9	0,7	11°	90°	6		☹	☹				☹
	P4840C-7R-E67	4	14,69	5,5	0,8	11°	90°	7		☹	☹				☹
	P4840C-8R-E67	4	17,49	5,6	1	11°	90°	8		☹	☹				☹
	P4840C-1R-E77	4	4,9	2	0,29	11°	90°	1					☺	☺	
	P4840C-2R-E77	4	5,95	2,4	0,34	11°	90°	2					☺	☺	
	P4840C-3R-E77	4	7	2,8	0,4	11°	90°	3					☺	☺	
	P4840C-4R-E77	4	8,4	3,4	0,48	11°	90°	4					☺	☺	
	P4840C-5R-E77	4	10,29	4,1	0,59	11°	90°	5					☺	☺	
	P4840C-6R-E77	4	12,24	4,9	0,7	11°	90°	6					☺	☺	
	P4840C-7R-E77	4	14,69	5,5	0,8	11°	90°	7					☺	☺	
	P4840C-8R-E77	4	17,49	5,6	1	11°	90°	8					☺	☺	

Ordering example for the grade WSP45G: P4841C-1R-A57 WSP45G

HC = Coated carbide
HW = Uncoated carbide

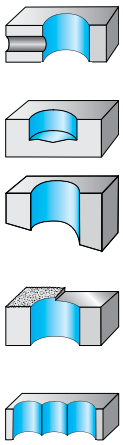
B1

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**
	Selection	Selection	Selection	Selection	Selection
					
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	17–59	17–59
[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	B 190	B 194	B 198	B 202	B 206
QR code					
www.walter-tools.com/woc/	D4170	D4120	D4120	D4120	D4120

WALTER SELECT ●● Primary application ● Other application

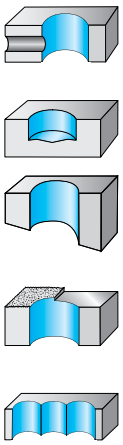
Indexable insert drills

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

B1

Machining			
			
Drilling depth	**3 x D_C**	**3 x D_C**	**4 x D_C**
			
Designation	B3213	B3213	B3214
Effective cutting edges	1	1	1
Diameter range			
[mm]	10–18		10–18
[inch]		0,391–0,64	
P Steel	●●	●●	
M Stainless steel	●●	●●	
K Cast iron	●●	●●	●●
N NF metals	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	
H Hard materials			
O Other			
Indexable insert types			
		LC .	
Number of cutting edges	2	2	2
Page in catalogue			
QR code			
www.walter-tools.com/woc/	B3213	B3213	B3214

WALTER SELECT

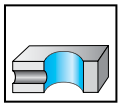
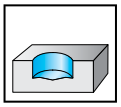
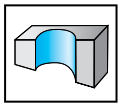
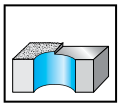
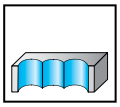
●● Primary application ● Other application

Indexable insert drill with cartridge

D4170 mm



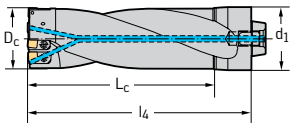
B1

D_c 65–80	3×D_c	Z=1

	P	M	K	N	S	H	O
D4170	●●	●●	●●	●●	●●		

Tool



Modular NCT adaptor

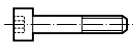
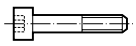
Designation	D_c mm	L_c mm	l_4 mm	d_1 mm	d_1	kg	No. of inserts	Type
D4170-03-65.00N8-P45	65	195	245	80	NCT 80	4,32	3 / 1	P484 . P-5R- .. P484 . C-5R- ..
D4170-03-68.00N8-P46	68	204	254	80	NCT 80	4,68	3 / 1	P484 . P-6R- .. P484 . C-6R- ..
D4170-03-70.00N8-P46	70	210	260	80	NCT 80	4,64	3 / 1	
D4170-03-78.00N8-P46	78	234	284	80	NCT 80	6,13	3 / 1	
D4170-03-80.00N8-P45	80	240	290	80	NCT 80	6,33	5 / 1	P484 . P-5R- .. P484 . C-5R- ..

Important: A disc forms where through-holes are created by a rotating tool. This disc might then be ejected. Please take precautionary measures.
Bodies and assembly parts are included in the scope of delivery

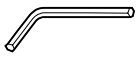
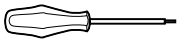
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [mm]	65	68	70	78	80
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1453 (T15IP) 3,5 Nm
	Internal cartridge	FR737C-5	FR743C-6	FR743C-6	FR743C-6	FR737C-5
	External cartridge 1	FR738P-5	FR744P-6	FR744P-6	FR744P-6	FR738P-5
	External cartridge 2	FR741P-5	FR745P-6	FR746P-6	FR748P-6	FR739P-5
	External cartridge 2 Clamping screw for Tightening torque	FS1149 (SW 4) 5 Nm	FS1149 (SW 4) 5 Nm	FS1149 (SW 4) 5 Nm	FS1149 (SW 4) 5 Nm	FS1149 (SW 4) 5 Nm
	External cartridge 2 Clamping screw for Tightening torque	FS966 (SW 5) 8 Nm	FS966 (SW 5) 8 Nm	FS966 (SW 5) 8 Nm	FS966 (SW 5) 8 Nm	FS966 (SW 5) 8 Nm

Accessories

	D_c [mm]	65–80
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	External cartridge 2 ISO 2936 key for	ISO2936-4 (SW 4)
	External cartridge 2 ISO 2936 key for	ISO2936-5 (SW5)
	Screwdriver	FS1485 (T15IP)

Three external cartridges 1 (FR738P-5) are fitted in tools with the diameter Dc = 80 mm

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-.R-E67	5–6		😐		😐		😐		😐			
	P4840C-.R-E77	5–6									😊	😊	
	P4841C-.R-A57	5–6		😐	😐	😐	😐	😐		😐			😐
	P4841C-.R-E57	5–6		😑	😐	😐	😐	😐		😐			😐
	P4840P-.R-A57	5–6	😑	😐					😑	😐			
	P4840P-.R-E57	5–6	😊	😑					😑	😐			
	P4840P-.R-E67	5–6	😊	😐					😑	😐			
	P4840P-.R-E77	5–6									😊	😊	
	P4841P-.R-A57	5–6	😑	😐	😐		😐		😑	😐			😐
	P4841P-.R-E57	5–6	😊	😑	😐		😐		😑	😐			😐

P48 . . C = Centre insert
P48 . . P = Outer insert

HC = Coated carbide
HW = Uncoated carbide

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

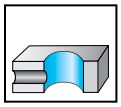
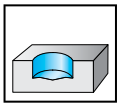
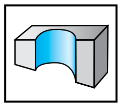
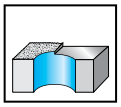
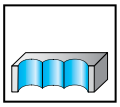
Indexable insert drills

D4120 mm

Drion·tec™



B1

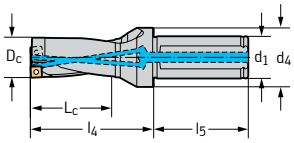






2×D_c | Z=1

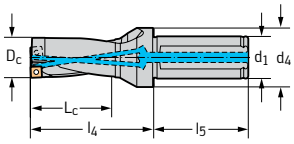
	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

Tool

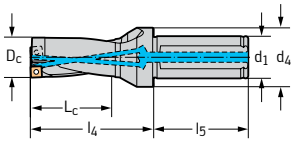
Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D4120-02-13.50F20-P41	13,5	27	47	50	20	25	0,23	1 / 1	P484 . P-1R- .. P484 . C-1R- ..
D4120-02-14.00F20-P41	14	28	48	50	20	25	0,19	1 / 1	
D4120-02-14.50F20-P41	14,5	29	49	50	20	25	0,24	1 / 1	
D4120-02-15.00F20-P41	15	30	50	50	20	25	0,24	1 / 1	
D4120-02-15.50F20-P41	15,5	31	51	50	20	25	0,23	1 / 1	
D4120-02-16.00F25-P41	16	32	57	56	25	35	0,4	1 / 1	
D4120-02-16.50F25-P42	16,5	33	58	56	25	35	0,41	1 / 1	P484 . P-2R- .. P484 . C-2R- ..
D4120-02-17.00F25-P42	17	34	59	56	25	35	0,41	1 / 1	
D4120-02-17.50F25-P42	17,5	35	60	56	25	35	0,4	1 / 1	
D4120-02-18.00F25-P42	18	36	61	56	25	35	0,42	1 / 1	
D4120-02-18.50F25-P42	18,5	37	62	56	25	35	0,32	1 / 1	
D4120-02-19.00F25-P42	19	38	63	56	25	35	0,42	1 / 1	
D4120-02-19.50F25-P42	19,5	39	64	56	25	35	0,43	1 / 1	
D4120-02-20.00F25-P42	20	40	65	56	25	35	0,43	1 / 1	
D4120-02-20.50F25-P43	20,5	41	66	56	25	35	0,43	1 / 1	P484 . P-3R- .. P484 . C-3R- ..
D4120-02-21.00F25-P43	21	42	67	56	25	35	0,4	1 / 1	
D4120-02-21.50F25-P43	21,5	43	68	56	25	35	0,44	1 / 1	
D4120-02-22.00F25-P43	22	44	69	56	25	35	0,44	1 / 1	
D4120-02-22.50F25-P43	22,5	45	70	56	25	35	0,45	1 / 1	
D4120-02-23.00F25-P43	23	46	71	56	25	35	0,48	1 / 1	
D4120-02-23.50F25-P43	23,5	47	72	56	25	35	0,46	1 / 1	
D4120-02-24.00F25-P43	24	48	73	56	25	35	0,44	1 / 1	
D4120-02-24.50F25-P44	24,5	49	74	56	25	35	0,47	1 / 1	P484 . P-4R- .. P484 . C-4R- ..
D4120-02-25.00F25-P44	25	50	75	56	25	35	0,42	1 / 1	
D4120-02-25.50F32-P44	25,5	51	83	60	32	42	0,76	1 / 1	
D4120-02-26.00F32-P44	26	52	84	60	32	42	0,72	1 / 1	
D4120-02-26.50F32-P44	26,5	53	85	60	32	42	0,78	1 / 1	
D4120-02-27.00F32-P44	27	54	86	60	32	42	0,77	1 / 1	
D4120-02-27.50F32-P44	27,5	55	87	60	32	42	0,8	1 / 1	
D4120-02-28.00F32-P44	28	56	88	60	32	42	0,81	1 / 1	
D4120-02-28.50F32-P44	28,5	57	89	60	32	42	0,74	1 / 1	
D4120-02-29.00F32-P44	29	58	90	60	32	42	0,81	1 / 1	
D4120-02-29.50F32-P45	29,5	59	91	60	32	42	0,83	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
D4120-02-30.00F32-P45	30	60	92	60	32	42	0,77	1 / 1	
D4120-02-31.00F32-P45	31	62	94	60	32	42	0,87	1 / 1	
D4120-02-32.00F32-P45	32	64	96	60	32	42	0,82	1 / 1	
D4120-02-33.00F32-P45	33	66	98	60	32	42	0,91	1 / 1	
D4120-02-34.00F32-P45	34	68	100	60	32	42	0,94	1 / 1	
D4120-02-35.00F32-P45	35	70	102	60	32	42	0,97	1 / 1	



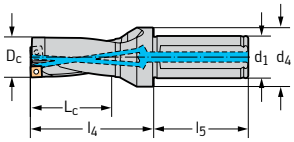
Cylindrical shank with flat



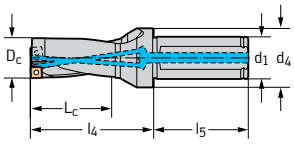
Cylindrical shank with flat



Cylindrical shank with flat



Cylindrical shank with flat



Cylindrical shank with flat

Bodies and assembly parts are included in the scope of delivery

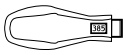
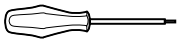
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–35	36–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-.R-E67	1–8		😠		😠		😠		😠			
	P4840C-.R-E77	1–8									😊	😊	
	P4841C-.R-A57	1–8		😠	😠	😠	😠	😠		😠			😠
	P4841C-.R-E57	1–8		😐	😠	😠	😠	😠		😠			😠
	P4840P-.R-A57	1–8	😐	😠					😐	😠			
	P4840P-.R-E57	1–8	😊	😐					😐	😠			
	P4840P-.R-E67	1–8	😊	😠					😐	😠			
	P4840P-.R-E77	1–8									😊	😊	
	P4841P-.R-A57	1–8	😐	😠	😠		😠		😐	😠			😠
	P4841P-.R-E57	1–8	😊	😐	😠		😠		😐	😠			😠

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

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

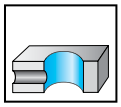
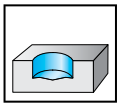
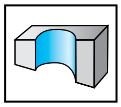
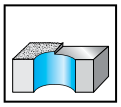
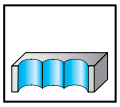
Indexable insert drills

D4120 mm

Drion·tec™



B1

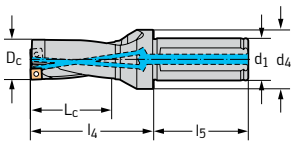






2×D_c | Z=1

	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

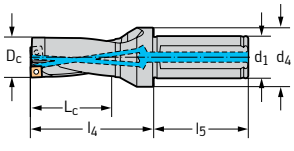
Tool

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D4120-02-36.00F32-P46	36	72	104	60	32	42	0,96	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
D4120-02-37.00F40-P46	37	74	114	70	40	50	1,48	1 / 1	
D4120-02-38.00F40-P46	38	76	116	70	40	50	1,52	1 / 1	
D4120-02-39.00F40-P46	39	78	118	70	40	50	1,55	1 / 1	
D4120-02-40.00F40-P46	40	80	120	70	40	50	1,45	1 / 1	
D4120-02-41.00F40-P46	41	82	122	70	40	50	1,64	1 / 1	
D4120-02-42.00F40-P46	42	84	124	70	40	50	1,67	1 / 1	



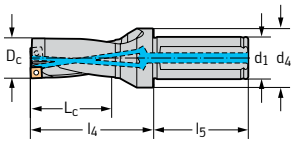
Cylindrical shank with flat

D4120-02-43.00F40-P47	43	86	126	70	40	50	1,67	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
D4120-02-44.00F40-P47	44	88	128	70	40	50	1,71	1 / 1	
D4120-02-45.00F40-P47	45	90	130	70	40	50	1,76	1 / 1	
D4120-02-46.00F40-P47	46	92	132	70	40	50	1,81	1 / 1	
D4120-02-47.00F40-P47	47	94	134	70	40	50	1,84	1 / 1	
D4120-02-48.00F40-P47	48	96	136	70	40	50	1,91	1 / 1	
D4120-02-49.00F40-P47	49	98	138	70	40	50	1,9	1 / 1	
D4120-02-50.00F40-P47	50	100	140	70	40	50	2,01	1 / 1	



Cylindrical shank with flat

D4120-02-51.00F40-P48	51	102	142	70	40	50	2,09	1 / 1	P484 . P-8R- .. P484 . C-8R- ..
D4120-02-52.00F40-P48	52	104	144	70	40	50	2,04	1 / 1	
D4120-02-53.00F40-P48	53	106	146	70	40	50	2,21	1 / 1	
D4120-02-54.00F40-P48	54	108	148	70	40	50	2,28	1 / 1	
D4120-02-55.00F40-P48	55	110	150	70	40	50	2,35	1 / 1	
D4120-02-56.00F40-P48	56	112	152	70	40	50	2,42	1 / 1	
D4120-02-57.00F40-P48	57	114	154	70	40	50	2,5	1 / 1	
D4120-02-58.00F40-P48	58	116	156	70	40	50	2,57	1 / 1	
D4120-02-59.00F40-P48	59	118	158	70	40	50	2,65	1 / 1	



Cylindrical shank with flat

Bodies and assembly parts are included in the scope of delivery

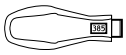
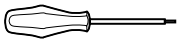
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–35	36–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	N ND WNN15	S HC WSP45G
	P4840C-.R-E67	1–8		😐		😐		😐		😐				
	P4840C-.R-E77	1–8									😀	😀	😀	
	P4841C-.R-A57	1–8		😐	😐	😐	😐	😐		😐				😐
	P4841C-.R-E57	1–8		😀	😐	😐	😐	😐		😐				😐
	P4840P-.R-A57	1–8	😀	😐					😀	😐				
	P4840P-.R-E57	1–8	😀	😀					😀	😐				
	P4840P-.R-E67	1–8	😀	😐					😀	😐				
	P4840P-.R-E77	1–8									😀	😀	😀	
	P4841P-.R-A57	1–8	😀	😐	😐		😐		😀	😐				😐
	P4841P-.R-E57	1–8	😀	😀	😐		😐		😀	😐				😐

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal
ND =

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

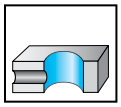
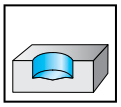
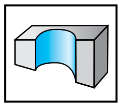
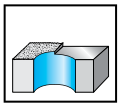
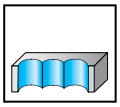
Indexable insert drills

D4120 mm

Drion·tec™



B1

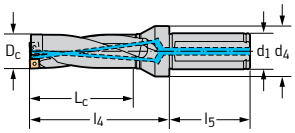






3×D_c | Z=1

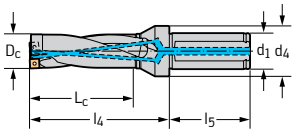
	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

Tool

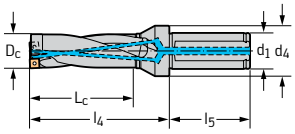
Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D4120-03-13.50F20-P41	13,5	40,5	60,5	50	20	25	0,16	1 / 1	P484 . P-1R- .. P484 . C-1R- ..
D4120-03-14.00F20-P41	14	42	62	50	20	25	0,17	1 / 1	
D4120-03-14.50F20-P41	14,5	43,5	63,5	50	20	25	0,24	1 / 1	
D4120-03-15.00F20-P41	15	45	65	50	20	25	0,2	1 / 1	
D4120-03-15.50F20-P41	15,5	46,5	66,5	50	20	25	0,25	1 / 1	
D4120-03-16.00F25-P41	16	48	73	56	25	35	0,38	1 / 1	
D4120-03-16.50F25-P42	16,5	49,5	75	56	25	35	0,42	1 / 1	P484 . P-2R- .. P484 . C-2R- ..
D4120-03-17.00F25-P42	17	51	76	56	25	35	0,35	1 / 1	
D4120-03-17.50F25-P42	17,5	52,5	77,5	56	25	35	0,43	1 / 1	
D4120-03-18.00F25-P42	18	54	79	56	25	35	0,44	1 / 1	
D4120-03-18.50F25-P42	18,5	55,5	80,5	56	25	35	0,39	1 / 1	
D4120-03-19.00F25-P42	19	57	82	56	25	35	0,4	1 / 1	
D4120-03-19.50F25-P42	19,5	58,5	84	56	25	35	0,4	1 / 1	
D4120-03-20.00F25-P42	20	60	85	56	25	35	0,46	1 / 1	
D4120-03-20.50F25-P43	20,5	61,5	87	56	25	35	0,45	1 / 1	P484 . P-3R- .. P484 . C-3R- ..
D4120-03-21.00F25-P43	21	63	88	56	25	35	0,39	1 / 1	
D4120-03-21.50F25-P43	21,5	64,5	90	56	25	35	0,48	1 / 1	
D4120-03-22.00F25-P43	22	66	91	56	25	35	0,48	1 / 1	
D4120-03-22.50F25-P43	22,5	67,5	93	56	25	35	0,49	1 / 1	
D4120-03-23.00F25-P43	23	69	94	56	25	35	0,47	1 / 1	
D4120-03-23.50F25-P43	23,5	70,5	96	56	25	35	0,51	1 / 1	
D4120-03-24.00F25-P43	24	72	97	56	25	35	0,52	1 / 1	
D4120-03-24.50F25-P44	24,5	73,5	99	56	25	35	0,52	1 / 1	P484 . P-4R- .. P484 . C-4R- ..
D4120-03-25.00F25-P44	25	75	100	56	25	35	0,43	1 / 1	
D4120-03-25.50F32-P44	25,5	76,5	109	60	32	42	0,83	1 / 1	
D4120-03-26.00F32-P44	26	78	110	60	32	42	0,84	1 / 1	
D4120-03-26.50F32-P44	26,5	79,5	112	60	32	42	0,84	1 / 1	
D4120-03-27.00F32-P44	27	81	113	60	32	42	0,85	1 / 1	
D4120-03-27.50F32-P44	27,5	82,5	115	60	32	42	0,87	1 / 1	
D4120-03-28.00F32-P44	28	84	116	60	32	42	0,89	1 / 1	
D4120-03-28.50F32-P44	28,5	85,5	118	60	32	42	0,91	1 / 1	
D4120-03-29.00F32-P44	29	87	119	60	32	42	0,92	1 / 1	
D4120-03-29.50F32-P45	29,5	88,5	121	60	32	42	0,93	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
D4120-03-30.00F32-P45	30	90	122	60	32	42	0,94	1 / 1	
D4120-03-31.00F32-P45	31	93	125	60	32	42	0,95	1 / 1	
D4120-03-32.00F32-P45	32	96	128	60	32	42	1	1 / 1	
D4120-03-33.00F32-P45	33	99	131	60	32	42	1,03	1 / 1	
D4120-03-34.00F32-P45	34	102	134	60	32	42	1,07	1 / 1	
D4120-03-35.00F32-P45	35	105	137	60	32	42	1,12	1 / 1	



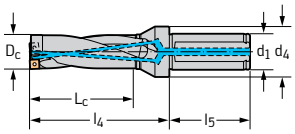
Cylindrical shank with flat



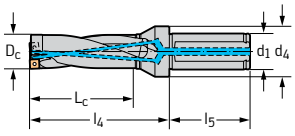
Cylindrical shank with flat



Cylindrical shank with flat



Cylindrical shank with flat



Cylindrical shank with flat

Bodies and assembly parts are included in the scope of delivery

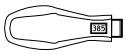
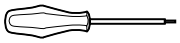
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–35	36–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-.R-E67	1–8		😠		😠		😠		😠			
	P4840C-.R-E77	1–8									😊	😊	
	P4841C-.R-A57	1–8		😠	😠	😠	😠	😠		😠			😠
	P4841C-.R-E57	1–8		😐	😠	😠	😠	😠		😠			😠
	P4840P-.R-A57	1–8	😐	😠					😐	😠			
	P4840P-.R-E57	1–8	😊	😐					😐	😠			
	P4840P-.R-E67	1–8	😊	😠					😐	😠			
	P4840P-.R-E77	1–8									😊	😊	
	P4841P-.R-A57	1–8	😐	😠	😠		😠		😐	😠			😠
	P4841P-.R-E57	1–8	😊	😐	😠		😠		😐	😠			😠

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

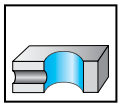
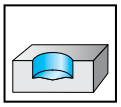
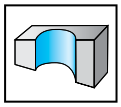
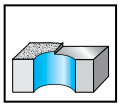
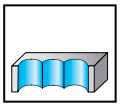
Indexable insert drills

D4120 mm

Drion·tec™



B1

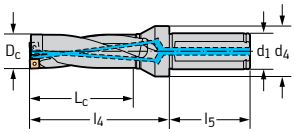






3×D_c | Z=1

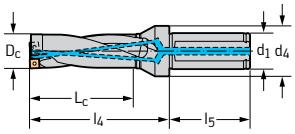
	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

Tool

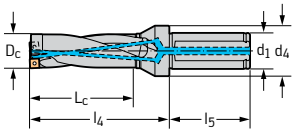
Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D4120-03-36.00F32-P46	36	108	140	60	32	42	1,02	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
D4120-03-37.00F40-P46	37	111	151	70	40	50	1,68	1 / 1	
D4120-03-38.00F40-P46	38	114	154	70	40	50	1,17	1 / 1	
D4120-03-39.00F40-P46	39	117	157	70	40	50	1,76	1 / 1	
D4120-03-40.00F40-P46	40	120	160	70	40	50	1,82	1 / 1	
D4120-03-41.00F40-P46	41	123	163	70	40	50	1,88	1 / 1	
D4120-03-42.00F40-P46	42	126	166	70	40	50	1,94	1 / 1	
D4120-03-43.00F40-P47	43	129	169	70	40	50	1,98	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
D4120-03-44.00F40-P47	44	132	172	70	40	50	2,03	1 / 1	
D4120-03-45.00F40-P47	45	135	175	70	40	50	2,11	1 / 1	
D4120-03-46.00F40-P47	46	138	178	70	40	50	2,17	1 / 1	
D4120-03-47.00F40-P47	47	141	181	70	40	50	2,25	1 / 1	
D4120-03-48.00F40-P47	48	144	184	70	40	50	2,34	1 / 1	
D4120-03-49.00F40-P47	49	147	187	70	40	50	2,41	1 / 1	
D4120-03-50.00F40-P47	50	150	190	70	40	50	2,5	1 / 1	
D4120-03-51.00F40-P48	51	153	193	70	40	50	2,53	1 / 1	P484 . P-8R- .. P484 . C-8R- ..
D4120-03-52.00F40-P48	52	156	196	70	40	50	2,6	1 / 1	
D4120-03-53.00F40-P48	53	159	199	70	40	50	2,7	1 / 1	
D4120-03-54.00F40-P48	54	162	202	70	40	50	2,8	1 / 1	
D4120-03-55.00F40-P48	55	165	205	70	40	50	2,9	1 / 1	
D4120-03-56.00F40-P48	56	168	208	70	40	50	3	1 / 1	
D4120-03-57.00F40-P48	57	171	211	70	40	50	3,12	1 / 1	
D4120-03-58.00F40-P48	58	174	214	70	40	50	3,23	1 / 1	
D4120-03-59.00F40-P48	59	177	217	70	40	50	3,36	1 / 1	



Cylindrical shank with flat



Cylindrical shank with flat



Cylindrical shank with flat

Bodies and assembly parts are included in the scope of delivery

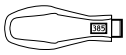
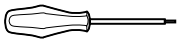
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–35	36–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [mm]	13,5–16	16,5–20	20,5–24	24,5–29	29,5–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-.R-E67	1–8		😠		😠		😠		😠			
	P4840C-.R-E77	1–8									😊	😊	
	P4841C-.R-A57	1–8		😠	😠	😠	😠	😠		😠			😠
	P4841C-.R-E57	1–8		😐	😠	😠	😠	😠		😠			😠
	P4840P-.R-A57	1–8	😐	😠					😐	😠			
	P4840P-.R-E57	1–8	😊	😐					😐	😠			
	P4840P-.R-E67	1–8	😊	😠					😐	😠			
	P4840P-.R-E77	1–8									😊	😊	
	P4841P-.R-A57	1–8	😐	😠	😠		😠		😐	😠			😠
	P4841P-.R-E57	1–8	😊	😐	😠		😠		😐	😠			😠

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

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

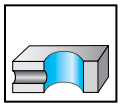
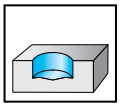
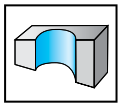
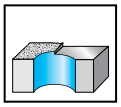
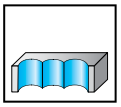
Indexable insert drills

D4120 mm

Drion·tec™

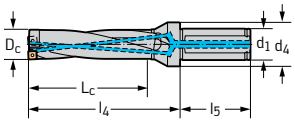
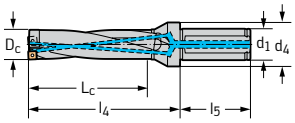
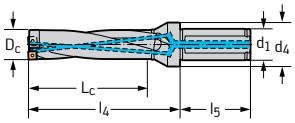
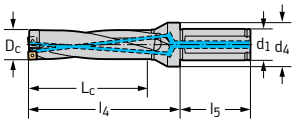
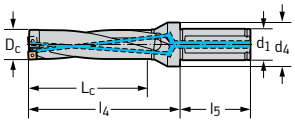
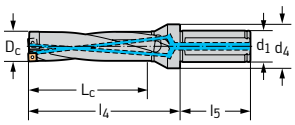


B1

4×D_c | Z=1

	P	M	K	N	S	H	O
D4120	●●	●	●●	●●	●		

Tool	Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
 Cylindrical shank with flat	D4120-04-17.00F25-P42	17	68	93	56	25	35	0,45	1 / 1	P484 . P-2R- .. P484 . C-2R- ..
	D4120-04-18.00F25-P42	18	72	97	56	25	35	0,46	1 / 1	
	D4120-04-19.00F25-P42	19	76	101	56	25	35	0,47	1 / 1	
	D4120-04-20.00F25-P42	20	80	105	56	25	35	0,46	1 / 1	
 Cylindrical shank with flat	D4120-04-21.00F25-P43	21	84	109	56	25	35	0,45	1 / 1	P484 . P-3R- .. P484 . C-3R- ..
	D4120-04-22.00F25-P43	22	88	113	56	25	35	0,53	1 / 1	
	D4120-04-23.00F25-P43	23	92	117	56	25	35	0,55	1 / 1	
	D4120-04-24.00F25-P43	24	96	121	56	25	35	0,57	1 / 1	
 Cylindrical shank with flat	D4120-04-25.00F25-P44	25	100	125	56	25	35	0,58	1 / 1	P484 . P-4R- .. P484 . C-4R- ..
	D4120-04-26.00F32-P44	26	104	136	60	32	42	0,89	1 / 1	
	D4120-04-27.00F32-P44	27	108	140	60	32	42	0,93	1 / 1	
	D4120-04-28.00F32-P44	28	112	144	60	32	42	0,96	1 / 1	
	D4120-04-29.00F32-P44	29	116	148	60	32	42	1	1 / 1	
 Cylindrical shank with flat	D4120-04-30.00F32-P45	30	120	152	60	32	42	1,02	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
	D4120-04-31.00F32-P45	31	124	156	60	32	42	1,07	1 / 1	
	D4120-04-32.00F32-P45	32	128	160	60	32	42	1,1	1 / 1	
	D4120-04-33.00F32-P45	33	132	164	60	32	42	1,17	1 / 1	
	D4120-04-34.00F32-P45	34	136	168	60	32	42	1,18	1 / 1	
	D4120-04-35.00F32-P45	35	140	172	60	32	42	1,28	1 / 1	
 Cylindrical shank with flat	D4120-04-36.00F32-P46	36	144	176	60	32	42	1,26	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
	D4120-04-37.00F40-P46	37	148	188	70	40	50	1,82	1 / 1	
	D4120-04-38.00F40-P46	38	152	192	70	40	50	1,19	1 / 1	
	D4120-04-39.00F40-P46	39	156	196	70	40	50	1,96	1 / 1	
	D4120-04-40.00F40-P46	40	160	200	70	40	50	2,04	1 / 1	
	D4120-04-41.00F40-P46	41	164	204	70	40	50	2,21	1 / 1	
	D4120-04-42.00F40-P46	42	168	208	70	40	50	2,2	1 / 1	
 Cylindrical shank with flat	D4120-04-43.00F40-P47	43	172	212	70	40	50	2,23	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
	D4120-04-44.00F40-P47	44	176	216	70	40	50	2,32	1 / 1	
	D4120-04-45.00F40-P47	45	180	220	70	40	50	2,4	1 / 1	
	D4120-04-46.00F40-P47	46	184	224	70	40	50	2,5	1 / 1	
	D4120-04-47.00F40-P47	47	188	228	70	40	50	2,62	1 / 1	
	D4120-04-48.00F40-P47	48	192	232	70	40	50	2,7	1 / 1	
	D4120-04-49.00F40-P47	49	196	236	70	40	50	2,84	1 / 1	
	D4120-04-50.00F40-P47	50	200	240	70	40	50	2,95	1 / 1	

Bodies and assembly parts are included in the scope of delivery

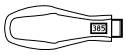
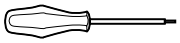
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [mm]	17–20	21–24	25–29	30–35	36–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [mm]	17–20	21–24	25–29	30–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-.R-E67	2–8		😠		😠		😠		😠			
	P4840C-.R-E77	2–8									😊	😊	
	P4841C-.R-A57	2–8		😠	😠	😠	😠	😠		😠			😠
	P4841C-.R-E57	2–8		😐	😠	😠	😠	😠		😠			😠
	P4840P-.R-A57	2–8	😐	😠					😐	😠			
	P4840P-.R-E57	2–8	😊	😐					😐	😠			
	P4840P-.R-E67	2–8	😊	😠					😐	😠			
	P4840P-.R-E77	2–8									😊	😊	
	P4841P-.R-A57	2–8	😐	😠	😠		😠		😐	😠			😠
	P4841P-.R-E57	2–8	😊	😐	😠		😠		😐	😠			😠

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

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

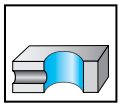
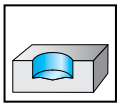
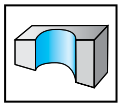
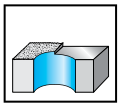
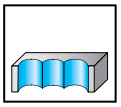
Indexable insert drills

D4120 mm

Drion·tec™



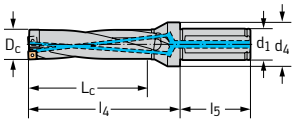
B1

4×D_c | Z=1

	P	M	K	N	S	H	O
D4120	●●	●	●●	●●	●		

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	Type
D4120-04-51.00F40-P48	51	204	244	70	40	50	2,98	1 / 1	P484 . P-8R- .. P484 . C-8R- ..
D4120-04-52.00F40-P48	52	208	248	70	40	50	3,11	1 / 1	
D4120-04-53.00F40-P48	53	212	252	70	40	50	3,25	1 / 1	
D4120-04-54.00F40-P48	54	216	256	70	40	50	3,32	1 / 1	
D4120-04-55.00F40-P48	55	220	260	70	40	50	3,44	1 / 1	
D4120-04-56.00F40-P48	56	224	264	70	40	50	3,6	1 / 1	
D4120-04-57.00F40-P48	57	228	268	70	40	50	3,8	1 / 1	
D4120-04-58.00F40-P48	58	232	272	70	40	50	3,97	1 / 1	
D4120-04-59.00F40-P48	59	236	276	70	40	50	4,09	1 / 1	

Bodies and assembly parts are included in the scope of delivery

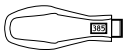
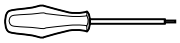
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [mm]	17–20	21–24	25–29	30–35	36–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [mm]	17–20	21–24	25–29	30–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-.R-E67	2–8		😠		😠		😠		😠			
	P4840C-.R-E77	2–8									😊	😊	
	P4841C-.R-A57	2–8		😠	😠	😠	😠	😠		😠			😠
	P4841C-.R-E57	2–8		😐	😠	😠	😠	😠		😠			😠
	P4840P-.R-A57	2–8	😐	😠					😐	😠			
	P4840P-.R-E57	2–8	😊	😐					😐	😠			
	P4840P-.R-E67	2–8	😊	😠					😐	😠			
	P4840P-.R-E77	2–8									😊	😊	
	P4841P-.R-A57	2–8	😐	😠	😠		😠		😐	😠			😠
	P4841P-.R-E57	2–8	😊	😐	😠		😠		😐	😠			😠

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

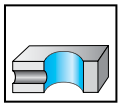
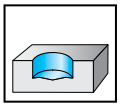
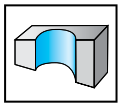
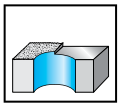
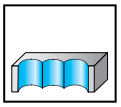
Indexable insert drills

D4120 mm

Drion·tec™

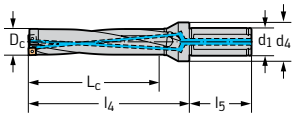
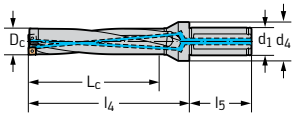
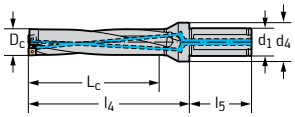
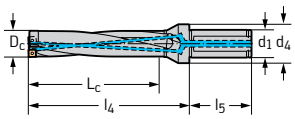
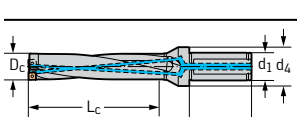
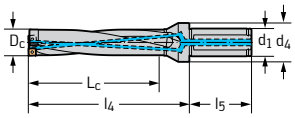


B1

5×D_c | Z=1

	P	M	K	N	S	H	O
D4120	●●		●●	●●			

Tool	Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
 Cylindrical shank with flat	D4120-05-17.00F25-P42	17	85	110	56	25	35	0,39	1 / 1	P484 . P-2R- .. P484 . C-2R- ..
	D4120-05-18.00F25-P42	18	90	115	56	25	35	0,47	1 / 1	
	D4120-05-19.00F25-P42	19	95	120	56	25	35	0,49	1 / 1	
	D4120-05-20.00F25-P42	20	100	125	56	25	35	0,51	1 / 1	
 Cylindrical shank with flat	D4120-05-21.00F25-P43	21	105	130	56	25	35	0,45	1 / 1	P484 . P-3R- .. P484 . C-3R- ..
	D4120-05-22.00F25-P43	22	110	135	56	25	35	0,58	1 / 1	
	D4120-05-23.00F25-P43	23	115	140	56	25	35	0,62	1 / 1	
	D4120-05-24.00F25-P43	24	120	145	56	25	35	0,63	1 / 1	
 Cylindrical shank with flat	D4120-05-25.00F25-P44	25	125	150	56	25	35	0,54	1 / 1	P484 . P-4R- .. P484 . C-4R- ..
	D4120-05-26.00F32-P44	26	130	162	60	32	42	0,95	1 / 1	
	D4120-05-27.00F32-P44	27	135	167	60	32	42	1	1 / 1	
	D4120-05-28.00F32-P44	28	140	172	60	32	42	1,03	1 / 1	
	D4120-05-29.00F32-P44	29	145	177	60	32	42	1,1	1 / 1	
 Cylindrical shank with flat	D4120-05-30.00F32-P45	30	150	182	60	32	42	1,01	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
	D4120-05-31.00F32-P45	31	155	187	60	32	42	1,18	1 / 1	
	D4120-05-32.00F32-P45	32	160	192	60	32	42	1,23	1 / 1	
	D4120-05-33.00F32-P45	33	165	197	60	32	42	1,3	1 / 1	
	D4120-05-34.00F32-P45	34	170	202	60	32	42	1,37	1 / 1	
	D4120-05-35.00F32-P45	35	175	207	60	32	42	1,45	1 / 1	
 Cylindrical shank with flat	D4120-05-36.00F32-P46	36	180	212	60	32	42	1,32	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
	D4120-05-37.00F40-P46	37	185	225	70	40	50	1,45	1 / 1	
	D4120-05-38.00F40-P46	38	190	230	70	40	50	2,02	1 / 1	
	D4120-05-39.00F40-P46	39	195	235	70	40	50	2,09	1 / 1	
	D4120-05-40.00F40-P46	40	200	240	70	40	50	2,17	1 / 1	
	D4120-05-41.00F40-P46	41	205	245	70	40	50	2,35	1 / 1	
	D4120-05-42.00F40-P46	42	210	250	70	40	50	2,45	1 / 1	
 Cylindrical shank with flat	D4120-05-43.00F40-P47	43	215	255	70	40	50	2,54	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
	D4120-05-44.00F40-P47	44	220	260	70	40	50	2,65	1 / 1	
	D4120-05-45.00F40-P47	45	225	265	70	40	50	2,75	1 / 1	
	D4120-05-46.00F40-P47	46	230	270	70	40	50	2,87	1 / 1	
	D4120-05-47.00F40-P47	47	235	275	70	40	50	2,99	1 / 1	
	D4120-05-48.00F40-P47	48	240	280	70	40	50	3,08	1 / 1	
	D4120-05-49.00F40-P47	49	245	285	70	40	50	3,26	1 / 1	
	D4120-05-50.00F40-P47	50	250	290	70	40	50	3,39	1 / 1	

Bodies and assembly parts are included in the scope of delivery

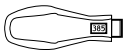
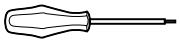
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New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	17–20	21–24	25–29	30–35	36–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [mm]	17–20	21–24	25–29	30–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-.R-E67	2–8		😠		😠		😠		😠			
	P4840C-.R-E77	2–8									😊	😊	
	P4841C-.R-A57	2–8		😠	😠	😠	😠	😠		😠			😠
	P4841C-.R-E57	2–8		😐	😠	😠	😠	😠		😠			😠
	P4840P-.R-A57	2–8	😐	😠					😐	😠			
	P4840P-.R-E57	2–8	😊	😐					😐	😠			
	P4840P-.R-E67	2–8	😊	😠					😐	😠			
	P4840P-.R-E77	2–8									😊	😊	
	P4841P-.R-A57	2–8	😐	😠	😠		😠		😐	😠			😠
	P4841P-.R-E57	2–8	😊	😐	😠		😠		😐	😠			😠

HC = beschichtetes Hartmetall
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WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = 😠

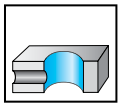
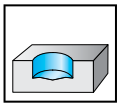
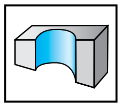
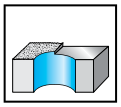
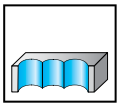
Indexable insert drills

D4120 mm

Drion·tec™



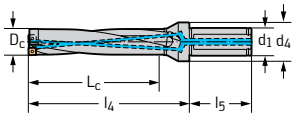
B1

5×D_c | Z=1

	P	M	K	N	S	H	O
D4120	●●		●●	●●			

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	Type
D4120-05-51.00F40-P48	51	255	295	70	40	50	3,45	1 / 1	P484 . P-8R- .. P484 . C-8R- ..
D4120-05-52.00F40-P48	52	260	300	70	40	50	3,61	1 / 1	
D4120-05-53.00F40-P48	53	265	305	70	40	50	3,74	1 / 1	
D4120-05-54.00F40-P48	54	270	310	70	40	50	3,86	1 / 1	
D4120-05-55.00F40-P48	55	275	315	70	40	50	4,07	1 / 1	
D4120-05-56.00F40-P48	56	280	320	70	40	50	4,22	1 / 1	
D4120-05-57.00F40-P48	57	285	325	70	40	50	4,2	1 / 1	
D4120-05-58.00F40-P48	58	290	330	70	40	50	4,39	1 / 1	
D4120-05-59.00F40-P48	59	295	335	70	40	50	4,8	1 / 1	

Bodies and assembly parts are included in the scope of delivery

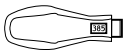
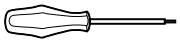
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [mm]	17–20	21–24	25–29	30–35	36–42	43–59
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [mm]	17–20	21–24	25–29	30–42	43–59
	Torque screwdriver, analogue	FS2001	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-.R-E67	2–8		😠		😠		😠		😠			
	P4840C-.R-E77	2–8									😊	😊	
	P4841C-.R-A57	2–8		😠	😠	😠	😠	😠		😠			😠
	P4841C-.R-E57	2–8		😐	😠	😠	😠	😠		😠			😠
	P4840P-.R-A57	2–8	😐	😠					😐	😠			
	P4840P-.R-E57	2–8	😊	😐					😐	😠			
	P4840P-.R-E67	2–8	😊	😠					😐	😠			
	P4840P-.R-E77	2–8									😊	😊	
	P4841P-.R-A57	2–8	😐	😠	😠		😠		😐	😠			😠
	P4841P-.R-E57	2–8	😊	😐	😠		😠		😐	😠			😠

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

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

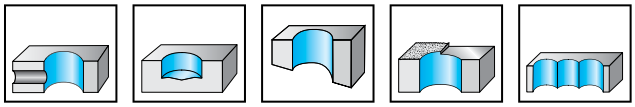
Indexable insert drills

D4120 inch

Drion·tec™



B1

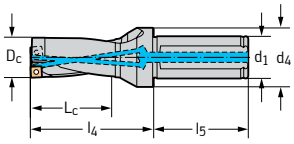


2×D_c | Z=1

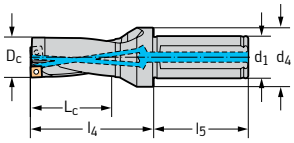
	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

Tool

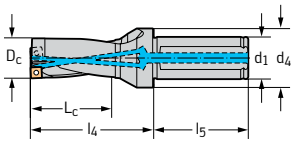
Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
D4120.02-13.49F19-P41	0,531	1,062	46,97	2,031	0,750	1,125	0,509	1 / 1	P484 . P-1R- .. P484 . C-1R- ..
D4120.02-13.89F19-P41	0,547	1,094	47,78	2,031	0,750	1,125	0,511	1 / 1	
D4120.02-14.27F19-P41	0,562	1,124	48,54	2,031	0,750	1,125	0,516	1 / 1	
D4120.02-14.68F19-P41	0,578	1,156	49,35	2,031	0,750	1,125	0,485	1 / 1	
D4120.02-15.09F19-P41	0,594	1,188	50,17	2,031	0,750	1,125	0,525	1 / 1	
D4120.02-15.47F19-P41	0,609	1,218	50,93	2,031	0,750	1,125	0,529	1 / 1	
D4120.02-15.88F19-P41	0,625	1,250	51,74	2,031	0,750	1,125	0,536	1 / 1	
D4120.02-16.66F26-P42	0,656	1,312	58,67	2,281	1,000	1,375	0,922	1 / 1	P484 . P-2R- .. P484 . C-2R- ..
D4120.02-17.04F26-P42	0,671	1,342	59,44	2,281	1,000	1,375	0,926	1 / 1	
D4120.02-17.45F26-P42	0,687	1,374	60,2	2,281	1,000	1,375	0,767	1 / 1	
D4120.02-17.86F26-P42	0,703	1,406	61,21	2,281	1,000	1,375	0,948	1 / 1	
D4120.02-18.24F26-P42	0,718	1,436	61,98	2,281	1,000	1,375	0,948	1 / 1	
D4120.02-19.05F26-P42	0,750	1,500	63,5	2,281	1,000	1,375	0,985	1 / 1	
D4120.02-19.43F26-P42	0,765	1,530	64,26	2,281	1,000	1,375	0,97	1 / 1	
D4120.02-19.84F26-P42	0,781	1,562	65,02	2,281	1,000	1,375	0,882	1 / 1	
D4120.02-20.62F26-P43	0,812	1,624	66,55	2,281	1,000	1,375	0,097	1 / 1	P484 . P-3R- .. P484 . C-3R- ..
D4120.02-21.41F26-P43	0,843	1,686	68,33	2,281	1,000	1,375	0,992	1 / 1	
D4120.02-22.23F31-P43	0,875	1,750	73,15	2,281	1,250	1,625	1,433	1 / 1	
D4120.02-23.01F31-P43	0,906	1,812	74,68	2,281	1,250	1,625	1,455	1 / 1	
D4120.02-23.39F31-P43	0,921	1,842	75,44	2,281	1,250	1,625	1,466	1 / 1	
D4120.02-23.80F31-P43	0,937	1,874	76,2	2,281	1,250	1,625	1,477	1 / 1	
D4120.02-24.59F31-P44	0,968	1,936	77,98	2,281	1,250	1,625	1,554	1 / 1	P484 . P-4R- .. P484 . C-4R- ..
D4120.02-24.99F31-P44	0,984	1,968	78,74	2,281	1,250	1,625	1,585	1 / 1	
D4120.02-25.40F31-P44	1,000	2,000	79,5	2,281	1,250	1,625	1,576	1 / 1	
D4120.02-26.57F31-P44	1,046	2,092	81,79	2,281	1,250	1,625	1,590	1 / 1	
D4120.02-26.97F31-P44	1,062	2,124	82,55	2,281	1,250	1,625	1,609	1 / 1	
D4120.02-28.17F31-P44	1,109	2,218	85,09	2,281	1,250	1,625	1,66	1 / 1	
D4120.02-28.58F31-P44	1,125	2,250	85,85	2,281	1,250	1,625	1,698	1 / 1	
D4120.02-29.74F31-P45	1,171	2,342	88,14	2,281	1,250	1,625	1,695	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
D4120.02-30.15F31-P45	1,187	2,374	88,9	2,281	1,250	1,625	1,737	1 / 1	
D4120.02-31.75F31-P45	1,250	2,500	92,2	2,281	1,250	1,625	1,808	1 / 1	
D4120.02-33.32F31-P45	1,312	2,624	95,25	2,281	1,250	1,625	1,9	1 / 1	
D4120.02-34.11F31-P45	1,343	2,686	97,03	2,281	1,250	1,625	1,953	1 / 1	
D4120.02-34.93F31-P45	1,375	2,750	98,55	2,281	1,250	1,625	1,993	1 / 1	



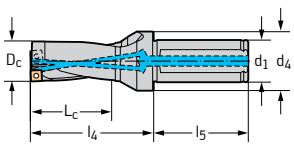
Cylindrical shank with flat



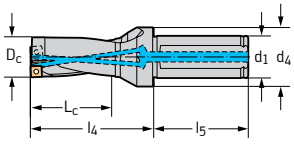
Cylindrical shank with flat



Cylindrical shank with flat



Cylindrical shank with flat



Cylindrical shank with flat

Bodies and assembly parts are included in the scope of delivery

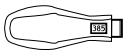
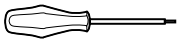
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [inch]	0,531–0,625	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,375	1,421–1,625	1,687–2,25
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [inch]	0,531–0,625	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,625	1,687–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P				M		K		N		S
				HC			HC		HC		HC	HW	HC
			WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G
	P4840C-.R-E67	1–8		😣		😣		😣		😣			
	P4840C-.R-E77	1–8									😊	😊	
	P4841C-.R-A57	1–8		😣	😣	😣	😣	😣		😣			😣
	P4841C-.R-E57	1–8		😐	😣	😣	😣	😣		😣			😣
	P4840P-.R-A57	1–8	😐	😣					😐	😣			
	P4840P-.R-E57	1–8	😊	😐					😐	😣			
	P4840P-.R-E67	1–8	😊	😣					😐	😣			
	P4840P-.R-E77	1–8									😊	😊	
	P4841P-.R-A57	1–8	😐	😣	😣		😣		😐	😣			😣
	P4841P-.R-E57	1–8	😊	😐	😣		😣		😐	😣			😣

P48 . . C = Centre insert
P48 . . P = Outer insert

HC = Coated carbide
HW = Uncoated carbide

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

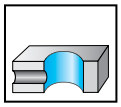
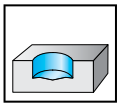
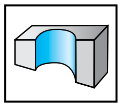
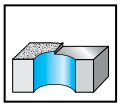
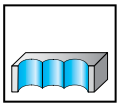
Indexable insert drills

D4120 inch

Drion·tec™



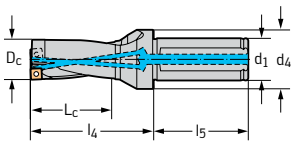
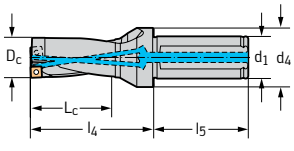
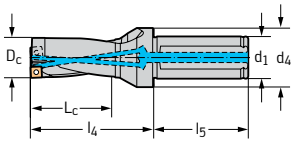
B1

2×D_c | Z=1

	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

Tool

Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
 Cylindrical shank with flat									
D4120.02-36.09F31-P46	1,421	2,842	100,84	2,281	1,250	1,625	1,94	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
D4120.02-36.50F38-P46	1,437	2,874	107,95	2,688	1,500	1,940	2,862	1 / 1	
D4120.02-38.10F38-P46	1,500	3,000	111,25	2,688	1,500	1,940	2,939	1 / 1	
D4120.02-39.67F38-P46	1,562	3,124	114,3	2,688	1,500	1,940	2,987	1 / 1	
D4120.02-41.28F38-P46	1,625	3,250	117,6	2,688	1,500	1,940	3,064	1 / 1	
 Cylindrical shank with flat									
D4120.02-42.85F38-P47	1,687	3,374	120,65	2,688	1,500	1,940	3,025	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
D4120.02-44.45F38-P47	1,750	3,500	123,95	2,688	1,500	1,940	3,166	1 / 1	
D4120.02-46.02F38-P47	1,812	3,624	127	2,688	1,500	1,940	3,32	1 / 1	
D4120.02-47.63F38-P47	1,875	3,750	130,3	2,688	1,500	1,940	3,499	1 / 1	
D4120.02-49.20F38-P47	1,937	3,874	133,35	2,688	1,500	1,940	3,691	1 / 1	
 Cylindrical shank with flat									
D4120.02-50.80F51-P48	2,000	4,000	142,75	3,250	2,000	2,440	5,944	1 / 1	P484 . P-8R- .. P484 . C-8R- ..
D4120.02-52.37F51-P48	2,062	4,124	145,8	3,250	2,000	2,440	6,169	1 / 1	
D4120.02-53.98F51-P48	2,125	4,250	149,1	3,250	2,000	2,440	6,418	1 / 1	
D4120.02-55.55F51-P48	2,187	4,374	152,15	3,250	2,000	2,440	6,656	1 / 1	
D4120.02-57.15F51-P48	2,250	4,500	155,45	3,250	2,000	2,440	6,925	1 / 1	

Bodies and assembly parts are included in the scope of delivery

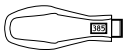
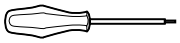
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [inch]	0,531–0,625	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,375	1,421–1,625	1,687–2,25
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [inch]	0,531–0,625	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,625	1,687–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-.R-E67	1–8		😠		😠		😠		😠			
	P4840C-.R-E77	1–8									😊	😊	
	P4841C-.R-A57	1–8		😠	😠	😠	😠	😠		😠			😠
	P4841C-.R-E57	1–8		😐	😠	😠	😠	😠		😠			😠
	P4840P-.R-A57	1–8	😐	😠					😐	😠			
	P4840P-.R-E57	1–8	😊	😐					😐	😠			
	P4840P-.R-E67	1–8	😊	😠					😐	😠			
	P4840P-.R-E77	1–8									😊	😊	
	P4841P-.R-A57	1–8	😐	😠	😠		😠		😐	😠			😠
	P4841P-.R-E57	1–8	😊	😐	😠		😠		😐	😠			😠

P48 . . C = Centre insert
P48 . . P = Outer insert

HC = Coated carbide
HW = Uncoated carbide

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

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

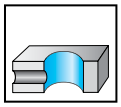
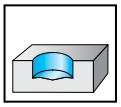
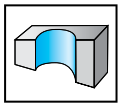
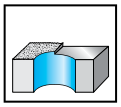
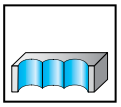
Indexable insert drills

D4120 inch

Drion·tec™

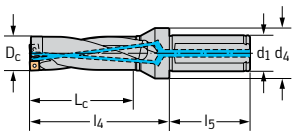
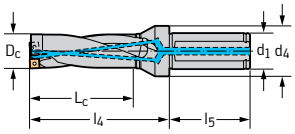
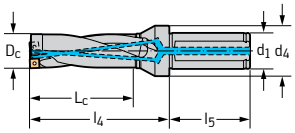
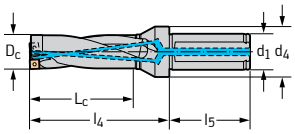
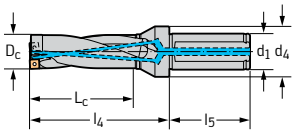


B1

3×D_c | Z=1

	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

Tool	Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
 Cylindrical shank with flat	D4120.03-13.49F19-P41	0,531	1,593	60,45	2,031	0,750	1,125	0,419	1 / 1	P484 . P-1R- .. P484 . C-1R- ..
	D4120.03-13.89F19-P41	0,547	1,641	61,67	2,031	0,750	1,125	0,373	1 / 1	
	D4120.03-14.27F19-P41	0,562	1,686	62,81	2,031	0,750	1,125	0,531	1 / 1	
	D4120.03-14.68F19-P41	0,578	1,734	64,03	2,031	0,750	1,125	0,538	1 / 1	
	D4120.03-15.09F19-P41	0,594	1,782	65,25	2,031	0,750	1,125	0,441	1 / 1	
	D4120.03-15.47F19-P41	0,609	1,827	66,4	2,031	0,750	1,125	0,452	1 / 1	
	D4120.03-15.88F19-P41	0,625	1,875	67,62	2,031	0,750	1,125	0,562	1 / 1	
 Cylindrical shank with flat	D4120.03-16.66F26-P42	0,656	1,968	75,44	2,281	1,000	1,375	0,948	1 / 1	P484 . P-2R- .. P484 . C-2R- ..
	D4120.03-17.04F26-P42	0,671	2,013	76,45	2,281	1,000	1,375	0,882	1 / 1	
	D4120.03-17.45F26-P42	0,687	2,061	77,72	2,281	1,000	1,375	0,904	1 / 1	
	D4120.03-17.86F26-P42	0,703	2,109	78,99	2,281	1,000	1,375	0,904	1 / 1	
	D4120.03-18.24F26-P42	0,718	2,154	80,01	2,281	1,000	1,375	0,926	1 / 1	
	D4120.03-19.05F26-P42	0,750	2,250	82,55	2,281	1,000	1,375	1,005	1 / 1	
	D4120.03-19.43F26-P42	0,765	2,295	83,82	2,281	1,000	1,375	0,948	1 / 1	
	D4120.03-19.84F26-P42	0,781	2,343	84,84	2,281	1,000	1,375	1,036	1 / 1	
 Cylindrical shank with flat	D4120.03-20.62F26-P43	0,812	2,436	87,38	2,281	1,000	1,375	1,036	1 / 1	P484 . P-3R- .. P484 . C-3R- ..
	D4120.03-21.41F26-P43	0,843	2,529	89,66	2,281	1,000	1,375	1,058	1 / 1	
	D4120.03-22.23F31-P43	0,875	2,625	95,5	2,281	1,250	1,625	1,559	1 / 1	
	D4120.03-23.01F31-P43	0,906	2,718	97,79	2,281	1,250	1,625	1,543	1 / 1	
	D4120.03-23.39F31-P43	0,921	2,763	98,81	2,281	1,250	1,625	1,499	1 / 1	
	D4120.03-23.80F31-P43	0,937	2,811	100,08	2,281	1,250	1,625	1,521	1 / 1	
 Cylindrical shank with flat	D4120.03-24.59F31-P44	0,968	2,904	102,36	2,281	1,250	1,625	1,477	1 / 1	P484 . P-4R- .. P484 . C-4R- ..
	D4120.03-24.99F31-P44	0,984	2,952	103,63	2,281	1,250	1,625	1,499	1 / 1	
	D4120.03-25.40F31-P44	1,000	3,000	104,9	2,281	1,250	1,625	1,676	1 / 1	
	D4120.03-26.57F31-P44	1,046	3,138	108,46	2,281	1,250	1,625	1,565	1 / 1	
	D4120.03-26.97F31-P44	1,062	3,186	109,73	2,281	1,250	1,625	1,764	1 / 1	
	D4120.03-28.17F31-P44	1,109	3,327	113,28	2,281	1,250	1,625	1,731	1 / 1	
	D4120.03-28.58F31-P44	1,125	3,375	114,55	2,281	1,250	1,625	1,861	1 / 1	
 Cylindrical shank with flat	D4120.03-29.74F31-P45	1,171	3,513	117,86	2,281	1,250	1,625	1,764	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
	D4120.03-30.15F31-P45	1,187	3,561	119,13	2,281	1,250	1,625	1,852	1 / 1	
	D4120.03-31.75F31-P45	1,250	3,750	123,95	2,281	1,250	1,625	2,059	1 / 1	
	D4120.03-33.32F31-P45	1,312	3,936	128,78	2,281	1,250	1,625	2,202	1 / 1	
	D4120.03-34.11F31-P45	1,343	4,029	131,06	2,281	1,250	1,625	2,172	1 / 1	
	D4120.03-34.93F31-P45	1,375	4,125	133,6	2,281	1,250	1,625	2,339	1 / 1	

Bodies and assembly parts are included in the scope of delivery

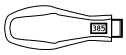
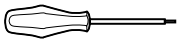
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [inch]	0,531–0,625	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,375	1,421–1,625	1,687–2,25
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [inch]	0,531–0,625	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,625	1,687–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-.R-E67	1–8		😠		😠		😠		😠			
	P4840C-.R-E77	1–8									😊	😊	
	P4841C-.R-A57	1–8		😠	😠	😠	😠	😠		😠			😠
	P4841C-.R-E57	1–8		😐	😠	😠	😠	😠		😠			😠
	P4840P-.R-A57	1–8	😐	😠					😐	😠			
	P4840P-.R-E57	1–8	😊	😐					😐	😠			
	P4840P-.R-E67	1–8	😊	😠					😐	😠			
	P4840P-.R-E77	1–8									😊	😊	
	P4841P-.R-A57	1–8	😐	😠	😠		😠		😐	😠			😠
	P4841P-.R-E57	1–8	😊	😐	😠		😠		😐	😠			😠

P48 . . C = Centre insert
P48 . . P = Outer insert

HC = Coated carbide
HW = Uncoated carbide

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

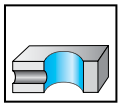
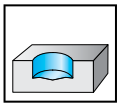
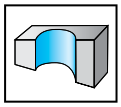
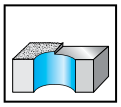
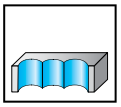
Indexable insert drills

D4120 inch

Drion·tec™



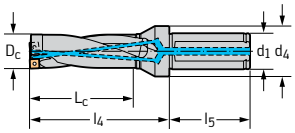
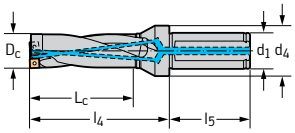
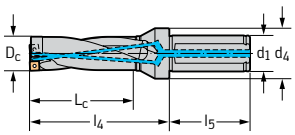
B1

3×D_c | Z=1

	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

Tool

Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
 Cylindrical shank with flat									
D4120.03-36.09F31-P46	1,421	4,263	136,91	2,281	1,250	1,625	2,271	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
D4120.03-36.50F38-P46	1,437	4,311	144,53	2,688	1,500	1,940	3,086	1 / 1	
D4120.03-38.10F38-P46	1,500	4,500	149,35	2,688	1,500	1,940	3,362	1 / 1	
D4120.03-39.67F38-P46	1,562	4,686	154,18	2,688	1,500	1,940	3,461	1 / 1	
D4120.03-41.28F38-P46	1,625	4,875	159	2,688	1,500	1,940	3,527	1 / 1	
 Cylindrical shank with flat									
D4120.03-42.85F38-P47	1,687	5,061	163,58	2,688	1,500	1,940	3,675	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
D4120.03-44.45F38-P47	1,750	5,250	168,4	2,688	1,500	1,940	3,900	1 / 1	
D4120.03-46.02F38-P47	1,812	5,436	173,23	2,688	1,500	1,940	4,147	1 / 1	
D4120.03-47.63F38-P47	1,875	5,625	178,05	2,688	1,500	1,940	4,42	1 / 1	
D4120.03-49.20F38-P47	1,937	5,811	182,63	2,688	1,500	1,940	4,711	1 / 1	
 Cylindrical shank with flat									
D4120.03-50.80F51-P48	2,000	6,000	193,55	3,250	2,000	2,440	7,002	1 / 1	P484 . P-8R- .. P484 . C-8R- ..
D4120.03-52.37F51-P48	2,062	6,186	198,37	3,250	2,000	2,440	7,322	1 / 1	
D4120.03-53.98F51-P48	2,125	6,375	203,2	3,250	2,000	2,440	7,685	1 / 1	
D4120.03-55.55F51-P48	2,187	6,561	207,77	3,250	2,000	2,440	8,047	1 / 1	
D4120.03-57.15F51-P48	2,250	6,750	212,6	3,250	2,000	2,440	8,508	1 / 1	
Cylindrical shank with flat									

Bodies and assembly parts are included in the scope of delivery

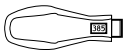
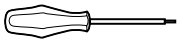
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [inch]	0,531–0,625	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,375	1,421–1,625	1,687–2,25
	Clamping screw for indexable insert Tightening torque	FS2120 (T6IP) 0,4 Nm	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [inch]	0,531–0,625	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,625	1,687–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital			FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P				M		K		N		S
				HC			HC		HC		HC	HW	HC
			WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G
	P4840C-.R-E67	1–8		😡		😡		😡		😡			
	P4840C-.R-E77	1–8									😊	😊	
	P4841C-.R-A57	1–8		😡	😡	😡	😡	😡		😡			😡
	P4841C-.R-E57	1–8		😐	😡	😡	😡	😡		😡			😡
	P4840P-.R-A57	1–8	😐	😡					😐	😡			
	P4840P-.R-E57	1–8	😊	😐					😐	😡			
	P4840P-.R-E67	1–8	😊	😡					😐	😡			
	P4840P-.R-E77	1–8									😊	😊	
	P4841P-.R-A57	1–8	😐	😡	😡		😡		😐	😡			😡
	P4841P-.R-E57	1–8	😊	😐	😡		😡		😐	😡			😡

P48 . . C = Centre insert
P48 . . P = Outer insert

HC = Coated carbide
HW = Uncoated carbide

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

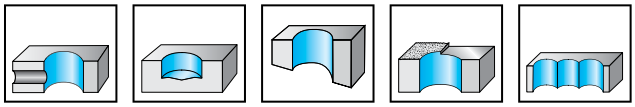
Indexable insert drills

D4120 inch

Drion·tec™



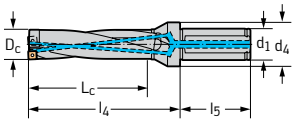
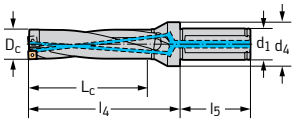
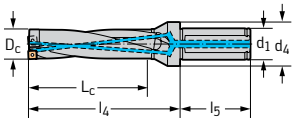
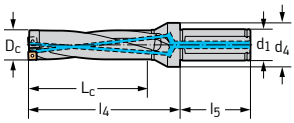
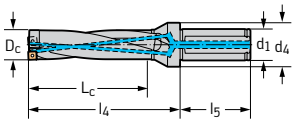
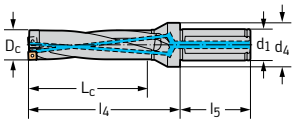
B1



4×D_c | Z=1

	P	M	K	N	S	H	O
D4120	●●	●	●●	●●	●		

Tool

Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
 Cylindrical shank with flat	D4120.04-16.66F26-P42	0,656	2,624	91,95	2,281	1,000	1,375	0,904	1 / 1	P484 . P-2R- .. P484 . C-2R- ..
	D4120.04-17.04F26-P42	0,671	2,684	93,47	2,281	1,000	1,375	0,926	1 / 1	
	D4120.04-17.45F26-P42	0,687	2,748	95,25	2,281	1,000	1,375	0,926	1 / 1	
	D4120.04-17.86F26-P42	0,703	2,812	96,77	2,281	1,000	1,375	0,961	1 / 1	
	D4120.04-18.24F26-P42	0,718	2,872	98,3	2,281	1,000	1,375	0,974	1 / 1	
	D4120.04-19.05F26-P42	0,750	3,000	101,6	2,281	1,000	1,375	0,992	1 / 1	
	D4120.04-19.43F26-P42	0,765	3,060	103,12	2,281	1,000	1,375	1,014	1 / 1	
	D4120.04-19.84F26-P42	0,781	3,124	104,65	2,281	1,000	1,375	1,030	1 / 1	
 Cylindrical shank with flat	D4120.04-20.62F26-P43	0,812	3,248	107,95	2,281	1,000	1,375	1,08	1 / 1	P484 . P-3R- .. P484 . C-3R- ..
	D4120.04-21.41F26-P43	0,843	3,372	111	2,281	1,000	1,375	1,058	1 / 1	
	D4120.04-22.23F31-P43	0,875	3,500	117,6	2,281	1,250	1,625	1,653	1 / 1	
	D4120.04-23.01F31-P43	0,906	3,624	120,65	2,281	1,250	1,625	1,62	1 / 1	
	D4120.04-23.39F31-P43	0,921	3,684	122,17	2,281	1,250	1,625	1,493	1 / 1	
	D4120.04-23.80F31-P43	0,937	3,748	123,95	2,281	1,250	1,625	1,735	1 / 1	
 Cylindrical shank with flat	D4120.04-24.59F31-P44	0,968	3,872	127	2,281	1,250	1,625	1,587	1 / 1	P484 . P-4R- .. P484 . C-4R- ..
	D4120.04-24.99F31-P44	0,984	3,936	128,78	2,281	1,250	1,625	1,795	1 / 1	
	D4120.04-25.40F31-P44	1,000	4,000	130,3	2,281	1,250	1,625	1,812	1 / 1	
	D4120.04-26.57F31-P44	1,046	4,184	134,87	2,281	1,250	1,625	1,764	1 / 1	
	D4120.04-26.97F31-P44	1,062	4,248	136,65	2,281	1,250	1,625	1,925	1 / 1	
	D4120.04-28.17F31-P44	1,109	4,436	141,48	2,281	1,250	1,625	1,896	1 / 1	
	D4120.04-28.58F31-P44	1,125	4,500	143	2,281	1,250	1,625	1,94	1 / 1	
 Cylindrical shank with flat	D4120.04-29.74F31-P45	1,171	4,684	147,57	2,281	1,250	1,625	2,028	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
	D4120.04-30.15F31-P45	1,187	4,748	149,35	2,281	1,250	1,625	2,156	1 / 1	
	D4120.04-31.75F31-P45	1,250	5,000	155,7	2,281	1,250	1,625	2,308	1 / 1	
	D4120.04-33.32F31-P45	1,312	5,248	162,05	2,281	1,250	1,625	2,392	1 / 1	
	D4120.04-34.11F31-P45	1,343	5,372	165	2,281	1,250	1,625	2,359	1 / 1	
	D4120.04-34.93F31-P45	1,375	5,500	168,4	2,281	1,250	1,625	2,685	1 / 1	
 Cylindrical shank with flat	D4120.04-36.09F31-P46	1,421	5,684	172,97	2,281	1,250	1,625	2,394	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
	D4120.04-36.50F38-P46	1,437	5,748	181,1	2,688	1,500	1,940	3,3	1 / 1	
	D4120.04-38.10F38-P46	1,500	6,000	187,45	2,688	1,500	1,940	3,682	1 / 1	
	D4120.04-39.67F38-P46	1,562	6,248	193,8	2,688	1,500	1,940	3,924	1 / 1	
	D4120.04-41.28F38-P46	1,625	6,500	200,15	2,688	1,500	1,940	4,048	1 / 1	
 Cylindrical shank with flat	D4120.04-42.85F38-P47	1,687	6,748	206,45	2,688	1,500	1,940	4,231	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
	D4120.04-44.45F38-P47	1,750	7,000	212,85	2,688	1,500	1,940	4,539	1 / 1	
	D4120.04-46.02F38-P47	1,812	7,248	219,15	2,688	1,500	1,940	4,868	1 / 1	
	D4120.04-47.63F38-P47	1,875	7,500	225,55	2,688	1,500	1,940	5,232	1 / 1	
	D4120.04-49.20F38-P47	1,937	7,748	231,85	2,688	1,500	1,940	5,626	1 / 1	

Bodies and assembly parts are included in the scope of delivery

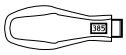
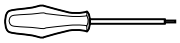
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [inch]	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,375	1,421–1,625	1,687–2,25
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [inch]	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,625	1,687–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-.R-E67	2–8		😠		😠		😠		😠			
	P4840C-.R-E77	2–8									😊	😊	
	P4841C-.R-A57	2–8		😠	😠	😠	😠	😠		😠			😠
	P4841C-.R-E57	2–8		😐	😠	😠	😠	😠		😠			😠
	P4840P-.R-A57	2–8	😐	😠					😐	😠			
	P4840P-.R-E57	2–8	😊	😐					😐	😠			
	P4840P-.R-E67	2–8	😊	😠					😐	😠			
	P4840P-.R-E77	2–8									😊	😊	
	P4841P-.R-A57	2–8	😐	😠	😠		😠		😐	😠			😠
	P4841P-.R-E57	2–8	😊	😐	😠		😠		😐	😠			😠

P48 . . C = Centre insert
P48 . . P = Outer insert

HC = Coated carbide
HW = Uncoated carbide

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

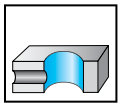
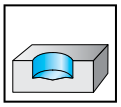
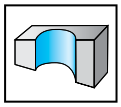
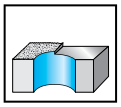
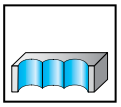
Indexable insert drills

D4120 inch

Drion·tec™



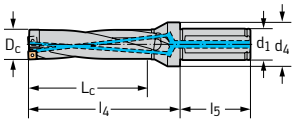
B1

4×D_c | Z=1

	P	M	K	N	S	H	O
D4120	●●	●	●●	●●	●		

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	Type
D4120.04-50.80F51-P48	2,000	8,000	244,35	3,250	2,000	2,440	8,128	1 / 1	P484 . P-8R- ..
D4120.04-52.37F51-P48	2,062	8,248	250,65	3,250	2,000	2,440	8,578	1 / 1	P484 . C-8R- ..
D4120.04-53.98F51-P48	2,125	8,500	257,05	3,250	2,000	2,440	9,414	1 / 1	
D4120.04-55.55F51-P48	2,187	8,748	263,35	3,250	2,000	2,440	9,557	1 / 1	
D4120.04-57.15F51-P48	2,250	9,000	269,75	3,250	2,000	2,440	10,093	1 / 1	

Bodies and assembly parts are included in the scope of delivery

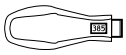
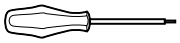
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [inch]	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,375	1,421–1,625	1,687–2,25
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [inch]	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,625	1,687–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P				M		K		N		S
				HC				HC		HC	HC	HW	HC
			WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G
	P4840C-.R-E67	2–8		😠		😠		😠		😠			
	P4840C-.R-E77	2–8									😊	😊	
	P4841C-.R-A57	2–8		😠	😠	😠	😠	😠		😠			😠
	P4841C-.R-E57	2–8		😐	😠	😠	😠	😠		😠			😠
	P4840P-.R-A57	2–8	😐	😠					😐	😠			
	P4840P-.R-E57	2–8	😊	😐					😐	😠			
	P4840P-.R-E67	2–8	😊	😠					😐	😠			
	P4840P-.R-E77	2–8									😊	😊	
	P4841P-.R-A57	2–8	😐	😠	😠		😠		😐	😠			😠
	P4841P-.R-E57	2–8	😊	😐	😠		😠		😐	😠			😠

P48 . . C = Centre insert
P48 . . P = Outer insert

HC = Coated carbide
HW = Uncoated carbide

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

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

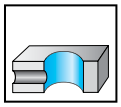
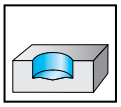
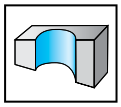
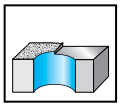
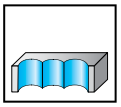
Indexable insert drills

D4120 inch

Drion·tec™

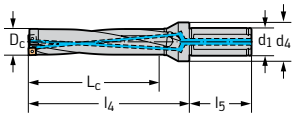
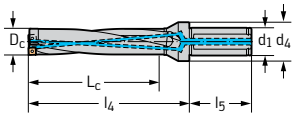
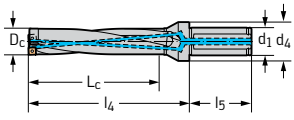
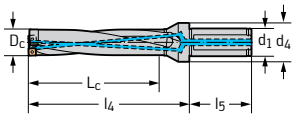
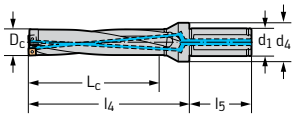
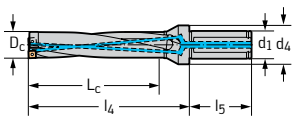


B1

5×D_c | Z=1

	P	M	K	N	S	H	O
D4120	●●		●●	●●			

Tool	Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
 Cylindrical shank with flat	D4120.05-16.66F26-P42	0,656	3,280	108,71	2,281	1,000	1,375	1,030	1 / 1	P484 . P-2R- .. P484 . C-2R- ..
	D4120.05-17.04F26-P42	0,671	3,355	110,62	2,281	1,000	1,375	1,047	1 / 1	
	D4120.05-17.45F26-P42	0,687	3,435	112,65	2,281	1,000	1,375	1,071	1 / 1	
	D4120.05-17.86F26-P42	0,703	3,515	114,68	2,281	1,000	1,375	1,049	1 / 1	
	D4120.05-18.24F26-P42	0,718	3,590	116,59	2,281	1,000	1,375	1,107	1 / 1	
	D4120.05-19.05F26-P42	0,750	3,750	120,65	2,281	1,000	1,375	1,177	1 / 1	
	D4120.05-19.43F26-P42	0,765	3,825	122,56	2,281	1,000	1,375	1,118	1 / 1	
	D4120.05-19.84F26-P42	0,781	3,905	124,59	2,281	1,000	1,375	1,135	1 / 1	
 Cylindrical shank with flat	D4120.05-20.62F26-P43	0,812	4,06	128,52	2,281	1,000	1,375	1,179	1 / 1	P484 . P-3R- .. P484 . C-3R- ..
	D4120.05-21.41F26-P43	0,843	4,215	132,46	2,281	1,000	1,375	1,239	1 / 1	
	D4120.05-22.23F31-P43	0,875	4,375	139,83	2,281	1,250	1,625	1,720	1 / 1	
	D4120.05-23.01F31-P43	0,906	4,530	143,76	2,281	1,250	1,625	1,775	1 / 1	
	D4120.05-23.39F31-P43	0,921	4,605	145,67	2,281	1,250	1,625	1,799	1 / 1	
	D4120.05-23.80F31-P43	0,937	4,685	147,7	2,281	1,250	1,625	1,830	1 / 1	
 Cylindrical shank with flat	D4120.05-24.59F31-P44	0,968	4,840	151,64	2,281	1,250	1,625	1,874	1 / 1	P484 . P-4R- .. P484 . C-4R- ..
	D4120.05-24.99F31-P44	0,984	4,92	153,67	2,281	1,250	1,625	1,975	1 / 1	
	D4120.05-25.40F31-P44	1,000	5,000	155,7	2,362	1,250	1,625	1,94	1 / 1	
	D4120.05-26.57F31-P44	1,046	5,230	161,54	2,281	1,250	1,625	2,064	1 / 1	
	D4120.05-26.97F31-P44	1,062	5,31	163,58	2,281	1,250	1,625	2,072	1 / 1	
	D4120.05-28.17F31-P44	1,109	5,545	169,55	2,281	1,250	1,625	2,22	1 / 1	
	D4120.05-28.58F31-P44	1,125	5,625	171,58	2,281	1,250	1,625	2,227	1 / 1	
 Cylindrical shank with flat	D4120.05-29.74F31-P45	1,171	5,855	177,42	2,281	1,250	1,625	2,33	1 / 1	P484 . P-5R- .. P484 . C-5R- ..
	D4120.05-30.15F31-P45	1,187	5,935	179,45	2,281	1,250	1,625	2,374	1 / 1	
	D4120.05-31.75F31-P45	1,250	6,250	187,45	2,281	1,250	1,625	2,579	1 / 1	
	D4120.05-33.32F31-P45	1,312	6,56	195,33	2,281	1,250	1,625	2,789	1 / 1	
	D4120.05-34.11F31-P45	1,343	6,715	199,26	2,281	1,250	1,625	2,908	1 / 1	
	D4120.05-34.93F31-P45	1,375	6,875	203,33	2,281	1,250	1,625	2,91	1 / 1	
 Cylindrical shank with flat	D4120.05-36.09F31-P46	1,421	7,105	209,17	2,281	1,250	1,625	2,932	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
	D4120.05-36.50F38-P46	1,437	7,185	217,55	2,688	1,500	1,940	3,814	1 / 1	
	D4120.05-38.10F38-P46	1,500	7,500	225,55	2,688	1,500	1,940	4,079	1 / 1	
	D4120.05-39.67F38-P46	1,562	7,81	233,43	2,688	1,500	1,940	4,597	1 / 1	
	D4120.05-41.28F38-P46	1,625	8,125	241,43	2,688	1,500	1,940	4,579	1 / 1	
 Cylindrical shank with flat	D4120.05-42.85F38-P47	1,687	8,435	249,3	2,688	1,500	1,940	4,665	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
	D4120.05-44.45F38-P47	1,750	8,750	257,3	2,688	1,500	1,940	5,146	1 / 1	
	D4120.05-46.02F38-P47	1,812	9,06	265,18	2,688	1,500	1,940	5,54	1 / 1	
	D4120.05-47.63F38-P47	1,875	9,375	273,18	2,688	1,500	1,940	5,977	1 / 1	
	D4120.05-49.20F38-P47	1,937	9,685	281,05	2,688	1,500	1,940	6,446	1 / 1	

Bodies and assembly parts are included in the scope of delivery

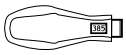
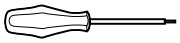
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [inch]	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,375	1,421–1,625	1,687–2,25
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [inch]	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,625	1,687–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-.R-E67	2–8		😠		😠		😠		😠			
	P4840C-.R-E77	2–8									😊	😊	
	P4841C-.R-A57	2–8		😠	😠	😠	😠	😠		😠			😠
	P4841C-.R-E57	2–8		😐	😠	😠	😠	😠		😠			😠
	P4840P-.R-A57	2–8	😐	😠					😐	😠			
	P4840P-.R-E57	2–8	😊	😐					😐	😠			
	P4840P-.R-E67	2–8	😊	😠					😐	😠			
	P4840P-.R-E77	2–8									😊	😊	
	P4841P-.R-A57	2–8	😐	😠	😠		😠		😐	😠			😠
	P4841P-.R-E57	2–8	😊	😐	😠		😠		😐	😠			😠

P48 . . C = Centre insert
P48 . . P = Outer insert

HC = Coated carbide
HW = Uncoated carbide

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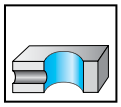
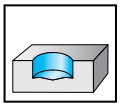
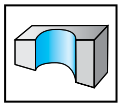
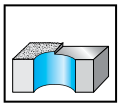
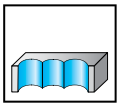
Indexable insert drills

D4120 inch

Drion·tec™



B1

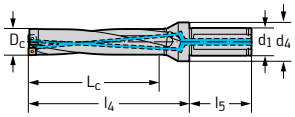






5×D_c | Z=1

	P	M	K	N	S	H	O
D4120	●●		●●	●●			

Tool

Designation	D_c inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
D4120.05-50.80F51-P48	2,000	10,000	295,15	3,250	2,000	2,440	9,132	1 / 1	P484 . P-8R- .. P484 . C-8R- ..
D4120.05-52.37F51-P48	2,062	10,31	303,02	3,250	2,000	2,440	9,685	1 / 1	
D4120.05-53.98F51-P48	2,125	10,625	311,02	3,250	2,000	2,440	10,28	1 / 1	
D4120.05-55.55F51-P48	2,187	10,935	318,9	3,250	2,000	2,440	10,895	1 / 1	
D4120.05-57.15F51-P48	2,250	11,250	326,9	3,250	2,000	2,440	11,559	1 / 1	



Cylindrical shank with flat

Bodies and assembly parts are included in the scope of delivery

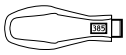
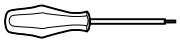
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [inch]	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,375	1,421–1,625	1,687–2,25
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm	FS1454 (T8IP) 1,2 Nm	FS1457 (T9IP) 2 Nm	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [inch]	0,656–0,781	0,812–0,937	0,968–1,125	1,171–1,625	1,687–2,25
	Torque screwdriver, analogue	FS2002	FS2002	FS2004	FS2004	FS2004
	Torque screwdriver, digital		FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS2088 (T7IP)	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-.R-E67	2–8		😠		😠		😠		😠			
	P4840C-.R-E77	2–8									😊	😊	
	P4841C-.R-A57	2–8		😠	😠	😠	😠	😠		😠			😠
	P4841C-.R-E57	2–8		😐	😠	😠	😠	😠		😠			😠
	P4840P-.R-A57	2–8	😐	😠					😐	😠			
	P4840P-.R-E57	2–8	😊	😐					😐	😠			
	P4840P-.R-E67	2–8	😊	😠					😐	😠			
	P4840P-.R-E77	2–8									😊	😊	
	P4841P-.R-A57	2–8	😐	😠	😠		😠		😐	😠			😠
	P4841P-.R-E57	2–8	😊	😐	😠		😠		😐	😠			😠

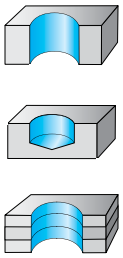
P48 . . C = Centre insert
P48 . . P = Outer insert

HC = Coated carbide
HW = Uncoated carbide

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

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

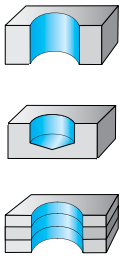
HSS drilling tools



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

WALTER SELECT ●● Primary application ● Other application

HSS drilling tools



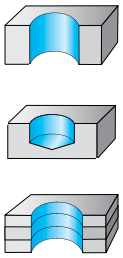
Drilling depth	**8 x D_C**



Designation	DA110 Perform	A4247 Alpha® XE	A4244 VA	A1254TFT VA Inox	A1249XPL UFL®
Additional services				R	R
Standard	DIN 338	DIN 345	DIN 345	DIN 338	DIN 338
Coating / grade	WZ90AJ	uncoated	uncoated	TFT	XPL
Shank	Cylindrical shank	Morse taper	Morse taper	Cylindrical shank	Cylindrical shank
Diameter range [mm]	1–16	10–40	10–32	3–16	1–20
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/	DA110	A4247	A4244	A1254TFT	A1249XPL

WALTER SELECT ●● Primary application ● Other application

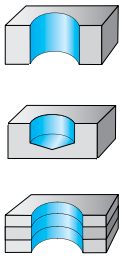
HSS drilling tools



Drilling depth	**8 x D_C**				
					
Designation	A1247 Alpha® XE	A1244 VA	A1222 UFL®	A1211TIN	A1211
Additional services			R		
Standard	DIN 338	DIN 338	DIN 338	DIN 338	DIN 338
Coating / grade	uncoated	uncoated	uncoated	TIN	uncoated
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	1–16	0,3–15	1–16	0,5–16	0,2–22
P Steel	●●	●	●●	●●	●●
M Stainless steel	●●	●●	●	●	●
K Cast iron	●●		●●	●●	●●
N NF metals	●●	●	●●	●	●
S Materials with difficult cutting properties	●●	●●	●	●	●
H Hard materials					
O Other	●		●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	A1247	A1244	A1222	A1211TIN	A1211

WALTER SELECT ●● Primary application ● Other application

HSS drilling tools



Drilling depth	**12 x D_C**

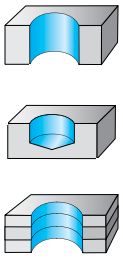


Designation	A4422 UFL®	A1549TFP UFL®	A1547 Alpha® XE	A1544 VA	A1522 UFL®
Additional services	R	R			R
Standard	DIN 341	DIN 340	DIN 340	DIN 340	DIN 340
Coating / grade	uncoated	TFP	uncoated	uncoated	uncoated
Shank	Morse taper	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	10–31	1–12	1–12,7	1–12	1–22,225
P Steel	●●	●●	●	●	●●
M Stainless steel	●	●●	●●	●●	●
K Cast iron	●●	●●	●●		●●
N NF metals	●●	●●	●	●	●●
S Materials with difficult cutting properties	●	●	●●	●●	●
H Hard materials					
O Other	●	●	●		●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	A4422	A1549TFP	A1547	A1544	A1522

WALTER SELECT

●● Primary application ● Other application

HSS drilling tools

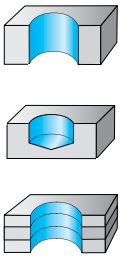


Drilling depth	12 x D_C	16 x D_C		22 x D_C
					
Designation	A1511	A4622 UFL®	A4611	A1622 UFL®	A4722 UFL®
Additional services		R		R	R
Standard	DIN 340	DIN 1870 I	DIN 1870 I	DIN 1869 I	DIN 1870 II
Coating / grade	uncoated	uncoated	uncoated	uncoated	uncoated
Shank	Cylindrical shank	Morse taper	Morse taper	Cylindrical shank	Morse taper
Diameter range [mm]	0,5–22	12–30	8–40	2–12,7	8–40
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/	A1511	A4622	A4611	A1622	A4722

WALTER SELECT

●● Primary application ● Other application

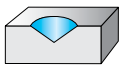
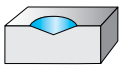
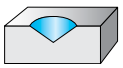
HSS drilling tools



Drilling depth	22 x D_C	30 x D_C	60 x D_C	85 x D_C
Designation	A1722 UFL®	A1822 UFL®	A1922S UFL®	A1922L UFL®
Additional services	R	R	R	R
Standard	DIN 1869 II	DIN 1869 III	Walter	Walter
Coating / grade	uncoated	uncoated	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range [mm]	3–12	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	●	●	●	●
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A1722	A1822	A1922S	A1922L

WALTER SELECT ●● Primary application ● Other application

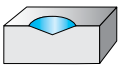
Solid carbide and HSS NC spot drills

Machining					
Standard	**Walter**	**Walter**	**Walter**	**Walter**	**Walter**
Countersink angle	**90°**	**120°**		**90°**	
					
Designation	A1174	A1174C	A1115L	A1115	A1115S
Additional services	R	R			
Cutting tool material	Carbide	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	4–25,4	4–20	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	A1115L	A1115	A1115S

WALTER SELECT

●● Primary application ● Other application

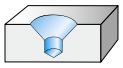
Solid carbide and HSS NC spot drills

Machining			
Standard	**Walter**	**Walter**	**Walter**
Countersink angle		**120°**	
			
Designation	A1114L	A1114	A1114S
Additional services			
Cutting tool material	HSS	HSS	HSS
Coating / grade	uncoated	uncoated	uncoated
Shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range	4–12,7	4–20	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/	A1114L	A1114	A1114S

WALTER SELECT

●● Primary application ● Other application

Solid carbide and HSS center drills

Machining					
Shape	A	A	A	A	A
					
Designation	K1161XPL	K1161	K1911	K1811	K1411S
Standard	DIN 333-A	DIN 333-A	B.S. 328	ANSI B94.11	Walter
Cutting tool material	VHM	VHM	HSS	HSS	HSS
Coating / grade	Carbide	Carbide	HSS	HSS	HSS
Shank	XPL	uncoated	uncoated	uncoated	uncoated
Diameter range	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials	●●	●			
O Other	●●	●●	●●	●●	●●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	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	HSS	HSS	HSS	HSS	HSS
Shank	uncoated	uncoated	uncoated	uncoated	uncoated
Diameter range	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank	Cylindrical shank
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials					
O Other	●●	●●	●●	●●	●●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	K1411M	K1411L	K1313	K1311	K1215

WALTER SELECT

●● Primary application ● Other application

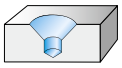
Solid carbide and HSS center drills

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

WALTER SELECT

●● Primary application ● Other application

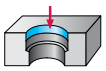
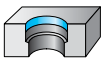
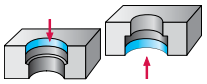
Solid carbide and HSS center drills

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

WALTER SELECT

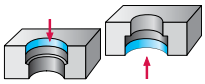
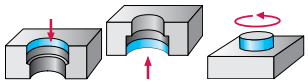
●● Primary application ● Other application

Walter Capto™/ScrewFit precision boring tools

Machining			
Diameter range [mm]	**1–20**	**3–124**	**19–167**
			
Designation	B5110	B4035	B5115
Display	analog	digital	analog
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			
Matching insert-types			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	B5110	B4035	B5115

WALTER SELECT ●● Primary application ● Other application

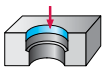
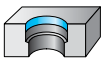
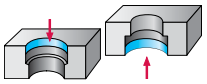
Walter Capto™/ScrewFit precision boring tools

Machining			
Diameter range [mm]	**69–167**	**148–635**	
			
Designation	B5125	B5120	
Display	analog	analog	
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			
Matching insert-types			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	B5125	B5120	

B 2

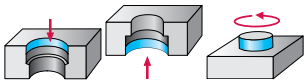
WALTER SELECT ●● Primary application ● Other application

Walter NCT precision boring tools

Machining			
Diameter range [mm]	**1–20**	**3–124**	**19–167**
			
Designation	B5110	B4035	B5115
Display	analog	digital	analog
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			
Matching insert-types			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	B5110	B4035	B5115

WALTER SELECT ●● Primary application ● Other application

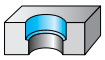
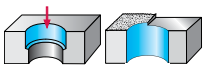
Walter NCT precision boring tools

Machining		
Diameter range [mm]	**148–635**	
		
Designation	B5120	
Display	analog	
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		
Matching insert-types		
Page in catalogue		
QR code		
www.walter-tools.com/woc/	B5120	

B 2

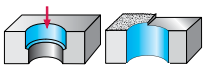
WALTER SELECT ●● Primary application ● Other application

Walter Capto™ two flute boring tools

Machining			
Diameter range [mm]	**20–33**	**33–153**	**148–620**
			
Designation	B3221	B3220	B5460
Display	analog	analog	analog
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			
Matching insert-types			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	B3221	B3220	B5460

WALTER SELECT ●● Primary application ● Other application

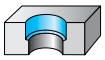
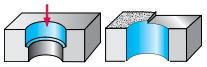
Walter Capto™ two flute boring tools

Machining		
Diameter range [mm]	**148–620**	
		
Designation	B5560	
Display	analog	
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		
Matching insert-types		
Page in catalogue		
QR code		
www.walter-tools.com/woc/	B5560	

B 2

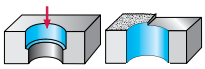
WALTER SELECT ●● Primary application ● Other application

Walter NCT two flute boring tools

Machining			
Diameter range [mm]	**20–33**	**33–153**	**148–620**
			
Designation	B3221	B3220	B5460
Display	analog	analog	analog
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			
Matching insert-types			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	B3221	B3220	B5460

WALTER SELECT ●● Primary application ● Other application

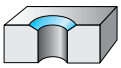
Walter NCT two flute boring tools

Machining		
Diameter range [mm]	**148–620**	
		
Designation	B5560	
Display	analog	
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		
Matching insert-types		
Page in catalogue		
QR code		
www.walter-tools.com/woc/	B5560	

B 2

WALTER SELECT ●● Primary application ● Other application

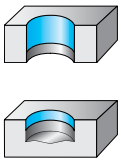
HSS core drills and countersinkers

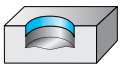
Machining					
Standard	DIN 335	DIN 334	DIN 335	DIN 335	DIN 334
Drilling depth					
					
Designation	E7819	E7818	E6819TIN	E6819	E6818
Additional services					
Cutting tool material	HSS	HSS	HSS	HSS	HSS
Coating / grade	uncoated	uncoated	TIN	uncoated	uncoated
Shank	Morse taper	Morse taper	Cylindrical shank	Cylindrical shank	Cylindrical shank
Diameter range	3,2–22	4–25	1,5–4,2	1,3–4,2	1,6–6,3
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other	●●	●●	●●	●●	●●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	E7819	E7818	E6819TIN	E6819	E6818

WALTER SELECT

●● Primary application ● Other application

Solid carbide and HSS reamers





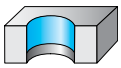
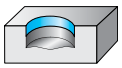


Drilling depth					
					
Designation	F3234	F3234	F2482TMS	F2482	F2481TMS
Cutting tool material	HSS	HSS	Carbide	Carbide	Carbide
Standard	DIN 2179	DIN 2179	Walter	Walter	Walter
Coating / grade	uncoated	uncoated	TMS	uncoated	TMS
Shank	Cylindrical shank	Cylindrical shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
Diameter range [mm]	2–12	1–1,5	3,97–20	3,97–20	3,97–20
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/	F3234	F3234	F2482TMS	F2482	F2481TMS

WALTER SELECT

●● Primary application ● Other application

Solid carbide and HSS reamers

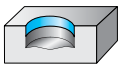



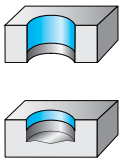

Drilling depth					
					
Designation	F2481	F2171	F2162	F1352HUN	F1352
Cutting tool material	Carbide	Carbide	Carbide	HSS	HSS
Standard	Walter	Walter	Walter	DIN 212	DIN 212
Coating / grade	uncoated	uncoated	uncoated	uncoated	uncoated
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	Cylindrical shank	Cylindrical shank
Diameter range [mm]	3,97–20	2–20	4–20	0,95–12	0,9–20
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/	F2481	F2171	F2162	F1352HUN	F1352

WALTER SELECT

●● Primary application ● Other application

Solid carbide and HSS reamers



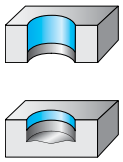


Drilling depth					
					
Designation	F1342	F1231	F1231	F1131	F1131
Cutting tool material	HSS	HSS	HSS	HSS	HSS
Standard	DIN 212	DIN 859	DIN 859	DIN 206	DIN 206
Coating / grade	uncoated	uncoated	uncoated	uncoated	uncoated
Shank	Cylindrical shank	Parallel shank	M_CYLLT_M_MM _x_	Parallel shank	Cylindrical shank
Diameter range [mm]	1–20	13–30	8–28	1,5–30	4,8–12,5
P Steel	●●	●●	●●	●●	●●
M Stainless steel					
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties					
H Hard materials					
O Other	●●	●●	●●	●●	●●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	F1342	F1231	F1231	F1131	F1131

WALTER SELECT

●● Primary application ● Other application

Solid carbide and HSS reamers



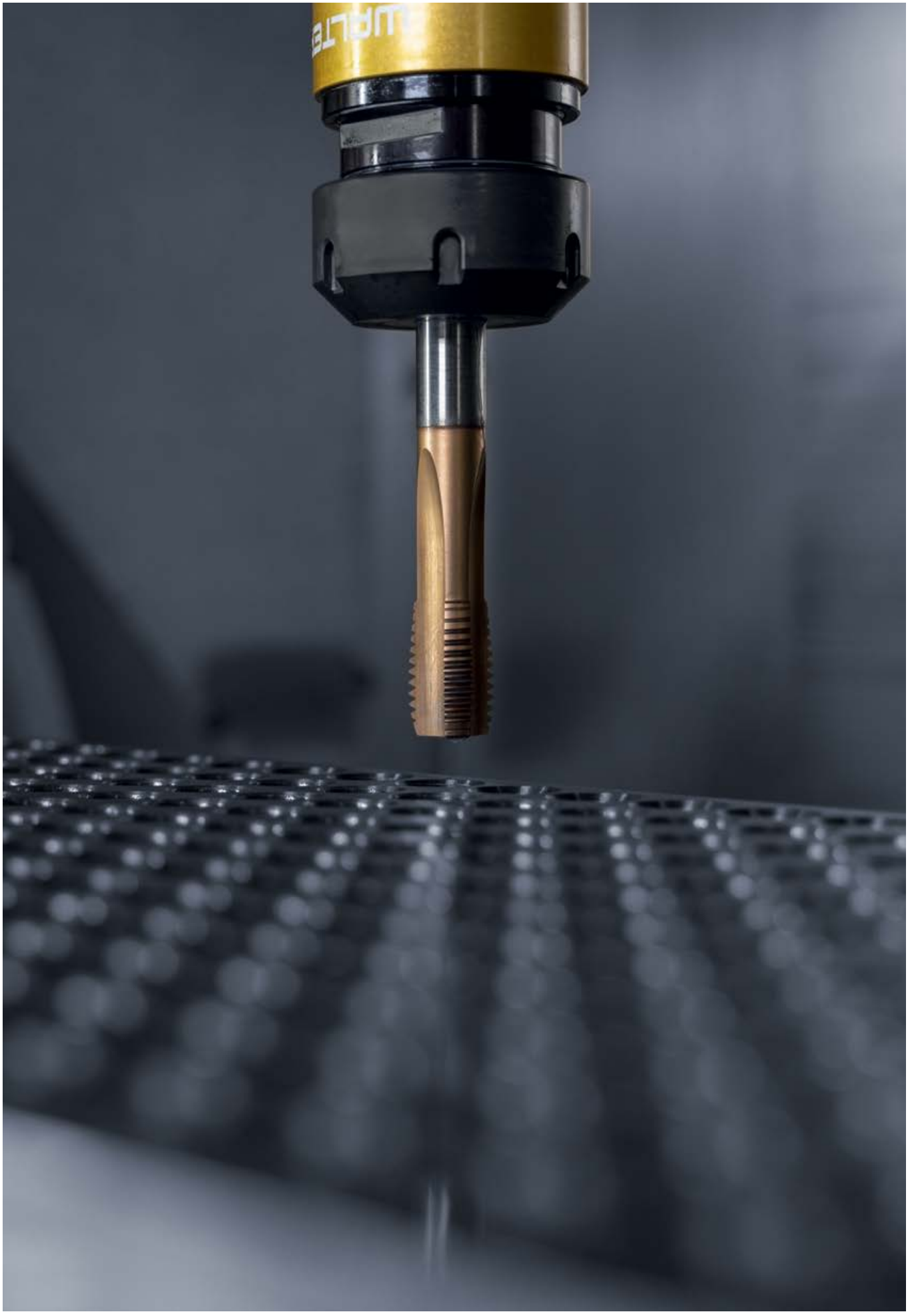
Drilling depth		



Designation	F1131	F1131
Cutting tool material	HSS	HSS
Standard	DIN 206	DIN 206
Coating / grade	uncoated	uncoated
Shank	Cylindrical shank	M_CYLLT_M_MM_x_
Diameter range [mm]	1–1,4	1,6–32
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	F1131

WALTER SELECT

●● Primary application ● Other application



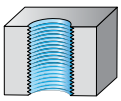
C – Threading

C1: Tapping		Page
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C3: Thread milling		Page
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HSS-E (-PM) taps

Machining					
Thread depth	1 x D_N	1 x D_N	1 x D_N	1 x D_N	1 x D_N
					
Designation	AMB	AMB Inox	MMB	Protostep Inox	Prototex® OS
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	6HX	6H	6HX	6H
Coolant supply	External	External	External	External	External
Chamfer form	18 P	18 P		NA	B
Coating / grade	TIN	NID	uncoated	VAP	uncoated
Cutting tool material	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E
P Steel	●●		●●		●●
M Stainless steel		●●		●●	
K Cast iron					
N NF metals					●
S Materials with difficult cutting properties					
H Hard materials					
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	amb	amb-inox	mmb	protostep-inox	prototex-os

WALTER SELECT ●● Primary application ● Other application

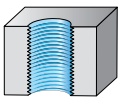
HSS-E (-PM) taps

Machining					
Thread depth	2 x D_N	2 x D_N	2 x D_N	3 x D_N	3 x D_N
Designation	Prototex® TiNi	Prototex® TiNi Plus	TMB	KMB H	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	2B / 3B / 4H / 4HX / 6HX	3B / 6HX	7H	6H / NORMAL	6H
Coolant supply	External	External	External	External	External
Chamfer form	B	B	24 P	B	D
Coating / grade	TICN / uncoated	ACN	uncoated	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			●	●	
Page in catalogue					
QR code					
www.walter-tools.com/woc/	prototex-tini	prototex-tini-plus	tmb	kmb-h	paradur-n

WALTER SELECT ●● Primary application ● Other application

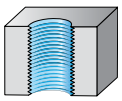
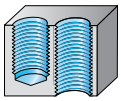
C1

HSS-E (-PM) taps

Machining					
Thread depth	3 x D_N	3 x D_N	3 x D_N	3 x D_N	3 x D_N
					
Designation	Prototex® Megasprint	Prototex® Sprint	Prototex® Synchrospeed	Prototex® X·pert M	Prototex® X·pert 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	6H	6H	6HX	2B / 3B / 5HX / 6GX / 6HMOD / 6HX / NORMAL	6H
Coolant supply	radial	External	External	External	External
Chamfer form	B	B	B	B	B
Coating / grade	TIN	TICN / TIN	THL / TIN	TICN / TIN / VAP	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			●●		●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	prototex-megasprint	prototex-sprint	prototex-synchrospeed	prototex-xpert-m	prototex-xpert-n

WALTER SELECT ●● Primary application ● Other application

HSS-E (-PM) taps

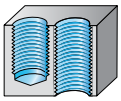
Machining					
					
Thread depth	3 x D_N	3 x D_N	3,5 x D_N	3,5 x D_N	1,5 x D_N
					
Designation	Prototex® X-pert P	Prototex® X-pert P AZ	Prototex® Eco Plus	TC216 Perform	Paradur® H
Thread type					
M	✔	✔	✔	✔	✔
MF	✔		✔	✔	✔
UNC / UNF / UN-8	✔		✔	✔	
G / Rc / Rp	✔		✔		✔
MJ / UNJC / UNJF					
NPT / NPTF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

WALTER SELECT

●● Primary application ● Other application

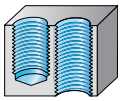
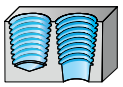
C1

HSS-E (-PM) taps

Machining					
Thread depth	1,5 x D_N	2 x D_N	2 x D_N	2 x D_N	2 x D_N
					
Designation	Paradur® H AZ	HGB	HGB Inox	HGB Ti	Paradur® AP
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	6HX	6HX	6HX
Coolant supply	External	External	External	External	External
Chamfer form	C	C	C	C	C
Coating / grade	uncoated	uncoated	VAP	NID	NIT
Cutting tool material	HSS-E	HSS	HSS-E	HSS-E	HSS-E
P Steel		●	●		
M Stainless steel			●		
K Cast iron	●●	●			
N NF metals	●●	●			●●
S Materials with difficult cutting properties				●	●
H Hard materials					
O Other	●				
Page in catalogue					
QR code					
www.walter-tools.com/woc/	paradur-h-az	hgb	hgb-inox	hgb-ti	paradur-ap

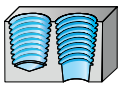
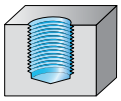
WALTER SELECT ●● Primary application ● Other application

HSS-E (-PM) taps

Machining					
Thread depth	2 x D_N	3 x D_N	3 x D_N	3 x D_N	
					
Designation	Paradur® FT	KMB Ms	Paradur® Eco CI	Paradur® X-pert K	Paradur Inox®
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 / NORMAL	2B / 6HX / NORMAL	6HX	NORMAL
Coolant supply	External	External	External	External	External
Chamfer form	D	E / F	C / E	C	C
Coating / grade	uncoated	uncoated	NID / TICN	TAFT	THL / VAP
Cutting tool material	HSS-E-PM	HSS-E	HSS-E-PM	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					
QR code					
www.walter-tools.com/woc/	paradur-ft	kmb-ms	paradur-eco-ci	paradur-xpert-k	paradur-inox

WALTER SELECT ●● Primary application ● Other application

HSS-E (-PM) taps

Machining					
					
Thread depth					1,5 x D_N
					
Designation	Paradur Inox® 40	Paradur® H	Paradur® N	Paradur® Ni	Paradur Inox® 25
Thread type					
M					✔
MF					✔
UNC / UNF / UN-8					
G / Rc / Rp		✔			✔
MJ / UNJC / UNJF					
NPT / NPTF	✔	✔	✔	✔	
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	NORMAL	NORMAL	NORMAL	NORMAL	6HX / NORMAL
Coolant supply	External	External	External	External	External
Chamfer form	C	C	C	C	E
Coating / grade	uncoated	uncoated	VAP	TICN / uncoated	TIN
Cutting tool material	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E
P Steel	●●		●●	●	●●
M Stainless steel	●●				●●
K Cast iron	●	●	●●		
N NF metals	●	●●	●●		
S Materials with difficult cutting properties				●●	
H Hard materials					
O Other		●			
Page in catalogue					
QR code					
www.walter-tools.com/woc/	paradur-inox-40	paradur-h	paradur-n	paradur-ni	paradur-inox-25

WALTER SELECT

●● Primary application ● Other application

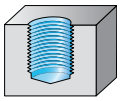
HSS-E (-PM) taps

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

WALTER SELECT ●● Primary application ● Other application

C1

HSS-E (-PM) taps

Machining					
Thread depth	2 x D_N	2 x D_N	2,5 x D_N	2,5 x D_N	2,5 x D_N
					
Designation	Paradur® Ti	Paradur® Ti Plus	Paradur® H 24	Paradur® STE	Paradur® 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	2B / 3B / 4H / 6HX	3B / 6HX	6HX	6HX / NORMAL	6HX / NORMAL
Coolant supply	External	External	External	External	External / axial
Chamfer form	C	C	C	E	C
Coating / grade	TICN / uncoated	ACN	uncoated	THL / uncoated	THL / TIN/VAP
Cutting tool material	HSS-E-PM	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					●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	paradur-ti	paradur-ti-plus	paradur-h-24	paradur-ste	paradur-synchrospeed

WALTER SELECT

●● Primary application ● Other application

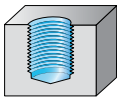
HSS-E (-PM) taps

Machining					
Thread depth	2,5 x D_N	2,5 x D_N	2,5 x D_N	3 x D_N	3 x D_N
					
Designation	Paradur® X-pert M	TC121 Supreme	TC122 Supreme	KMB WST	Paradur® Eco CI
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 / 6GX / 6HMOD / 6HX / NORMAL	6HX	6HX	6H	6HX
Coolant supply	External	External / axial	axial	External	axial / radial
Chamfer form	C	C	C	C	C / E
Coating / grade	THL / TICN / TIN / VAP	WW60RG / WY80BD	WW60BC	uncoated	TICN
Cutting tool material	HSS-E	HSS-E-PM	HSS-E-PM	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/	paradur-xpert-m	TC121	TC122	kmb-wst	paradur-eco-ci

C1

WALTER SELECT ●● Primary application ● Other application

HSS-E (-PM) taps

Machining					
Thread depth	3 x D_N	3 x D_N	3 x D_N	3 x D_N	3 x D_N
					
Designation	Paradur® Eco Plus	Paradur® Uni	Paradur® WLM Synchrospeed	Paradur® X·pert N	Paradur® 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	2B / 6GX / 6HX / NORMAL	6G / 6H / NORMAL	6H	2B / 3B / 6G / 6H / 6HMOD / NORMAL	2B / 3B / 4H / 6G / 6H / 6HMOD / 7G / MEDIUM / NORMAL
Coolant supply	External / axial / radial	External	External	External	External
Chamfer form	C / E	C	C	C	C
Coating / grade	THL / TIN	TIN / VAP / uncoated	CRN / uncoated	uncoated	THL / 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/	paradur-eco-plus	paradur-uni	paradur-wlm-synchrospeed	paradur-xpert-n	paradur-xpert-p

WALTER SELECT

●● Primary application ● Other application

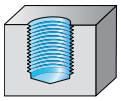
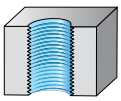
HSS-E (-PM) taps

Machining					
Thread depth	3 x D_N	3 x D_N	3 x D_N	3 x D_N	3,5 x D_N
Designation	Paradur® X-pert P AZ	TC115 Perform	TC120 Supreme	TC142 Supreme	Paradur® NH
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 / 6H	6HX	6HX / NORMAL	6H
Coolant supply	External	External	External / axial	External	axial
Chamfer form	C	C / E	C	C	C
Coating / grade	uncoated	WY80AA / WY80FC	WW60AG	WW60RB / WY80FC	TIN / uncoated
Cutting tool material	HSS-E	HSS-E	HSS-E-PM	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					
QR code					
www.walter-tools.com/woc/	paradur-xpert-p-az	TC115	TC120	TC142	paradur-nh

C1

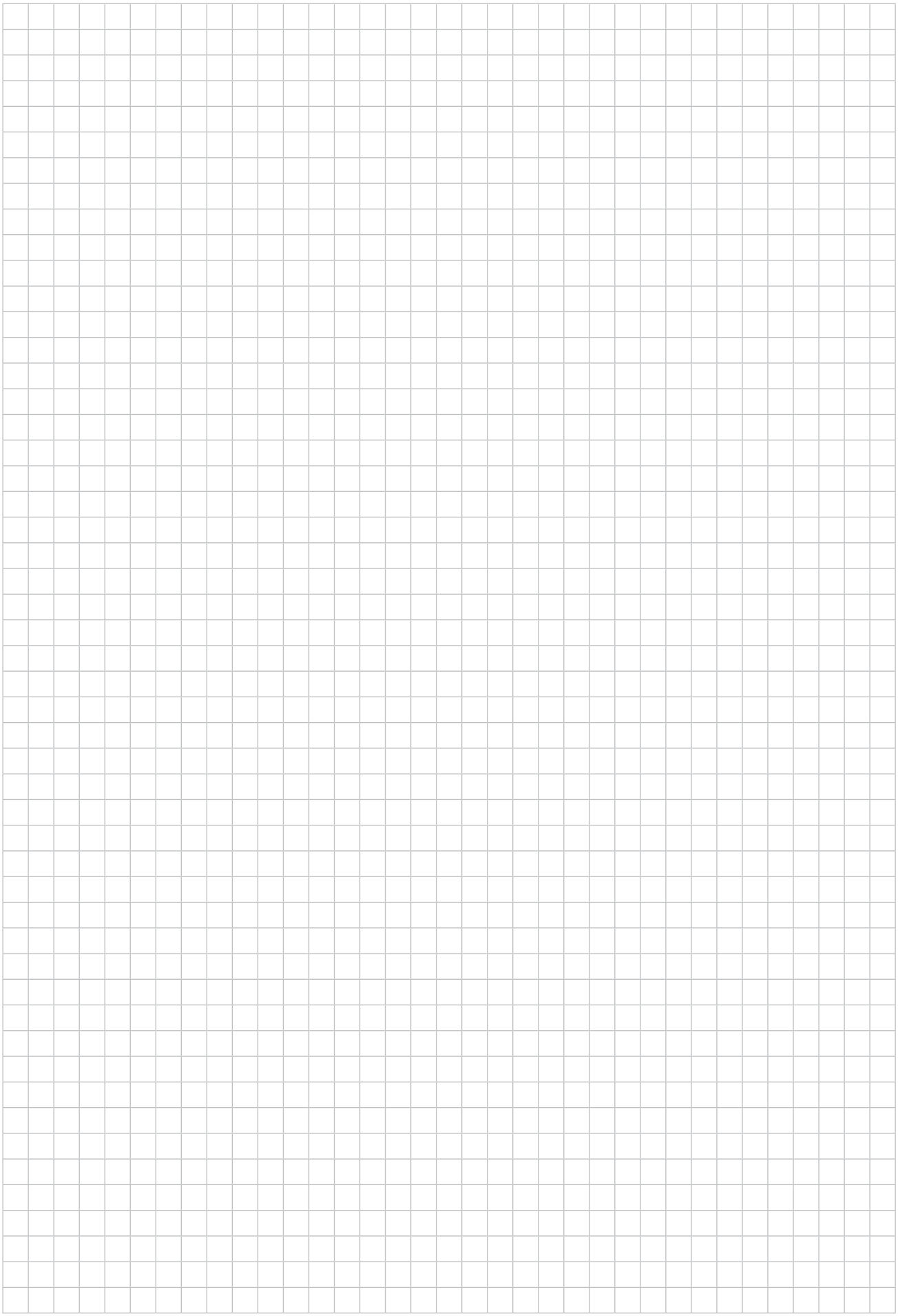
WALTER SELECT ●● Primary application ● Other application

HSS-E (-PM) taps

Machining			
Thread depth	3,5 x D_N	3,5 x D_N	1,5 x D_N
		Selection	
			
Designation	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	2B / 6HX	6H
Coolant supply	axial	axial	External
Chamfer form	C	C	C
Coating / grade	THL / uncoated	WY80AA / WY80EH	uncoated
Cutting tool material	HSS-E	HSS-E	HSS-E
P Steel	●●	●●	●●
M Stainless steel			
K Cast iron	●	●●	●
N NF metals	●	●	●
S Materials with difficult cutting properties			
H Hard materials			
O Other		●	
Page in catalogue		C 266	
QR code			
www.walter-tools.com/woc/	paradur-short-chip-ht	TC130	paradur-combi

WALTER SELECT

●● Primary application ● Other application

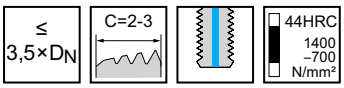


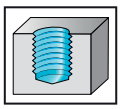
HSS-E machine taps

TC130 Supreme mm



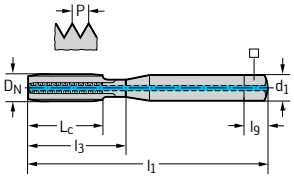
– WY80AA: Good Performance
– WY80EH: Excellent Performance



M DIN 13	6HX	

	P	M	K	N	S	H	O
WY80AA	●●		●●	●			●
WY80EH	●●		●●	●			●

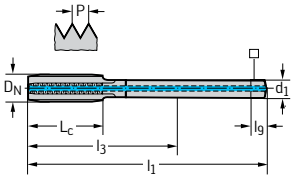
DIN 371



Designation WY80AA	Designation WY80EH	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80EH
TC130-M4-C1-	TC130-M4-C1-	M 4	0,7	63	12	21	4,5	3,4	6	3	☹	☹
TC130-M5-C1-	TC130-M5-C1-	M 5	0,8	70	13	25	6	4,9	8	3	☹	☹
TC130-M6-C1-	TC130-M6-C1-	M 6	1	80	15	30	6	4,9	8	3	☹	☹
TC130-M8-C1-	TC130-M8-C1-	M 8	1,25	90	18	35	8	6,2	9	3	☹	☹
TC130-M10-C1-	TC130-M10-C1-	M 10	1,5	100	20	39	10	8	11	3	☹	☹

Ordering example for the grade WY80AA: TC130-M10-C1-WY80AA

DIN 376



Designation WY80AA	Designation WY80EH	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80EH
TC130-M12-L1-	TC130-M12-L1-	M 12	1,75	110	23	83	9	7	10	3	☹	☹
TC130-M14-L1-		M 14	2	110	25	81	11	9	12	3	☹	
TC130-M16-L1-	TC130-M16-L1-	M 16	2	110	25	68	12	9	12	3	☹	☹
TC130-M20-L1-	TC130-M20-L1-	M 20	2,5	140	30	95	16	12	15	3	☹	☹
TC130-M22-L1-		M 22	2,5	140	30	93	18	14,5	17	3	☹	
TC130-M24-L1-	TC130-M24-L1-	M 24	3	160	36	113	18	14,5	17	4	☹	☹
TC130-M27-L1-		M 27	3	160	36	97	20	16	19	4	☹	
TC130-M30-L1-	TC130-M30-L1-	M 30	3,5	180	42	115	22	18	21	4	☹	☹
TC130-M36-L1-	TC130-M36-L1-	M 36	4	200	48	131	28	22	25	5	☹	☹
TC130-M42-L1-		M 42	4,5	200	54	102	32	24	27	5	☹	

Ordering example for the grade WY80AA: TC130-M12-L1-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

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

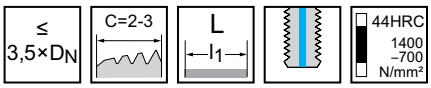
New addition to the product range = ☺ 😐 ☹ / ★

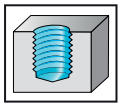
HSS-E machine taps

TC130 Supreme mm



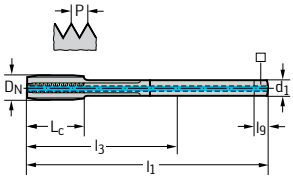
– WY80AA: Good Performance
– WY80EH: Excellent Performance



M DIN 13	6HX	

	P	M	K	N	S	H	O
WY80AA	●●		●●	●			●
WY80EH	●●		●●	●			●

~DIN 376 L



Designation WY80AA	Designation WY80EH	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80EH
TC130-M8-LG-	TC130-M8-LG-	M 8	1,25	110	18	87	6	4,9	8	3	☹	☹
TC130-M10-LG-	TC130-M10-LG-	M 10	1,5	125	20	102	7	5,5	8	3	☹	☹
TC130-M12-LG-	TC130-M12-LG-	M 12	1,75	140	23	113	9	7	10	3	☹	☹
TC130-M14-LG-		M 14	2	140	25	111	11	9	12	3	☹	
TC130-M16-LG-	TC130-M16-LG-	M 16	2	160	25	118	12	9	12	3	☹	☹
TC130-M20-LG-	TC130-M20-LG-	M 20	2,5	180	30	135	16	12	15	3	☹	☹
TC130-M22-LG-		M 22	2,5	200	30	153	18	14,5	17	3	☹	
TC130-M24-LG-	TC130-M24-LG-	M 24	3	200	36	153	18	14,5	17	4	☹	☹
TC130-M27-LG-		M 27	3	225	36	162	20	16	19	4	☹	
TC130-M30-LG-	TC130-M30-LG-	M 30	3,5	250	42	185	22	18	21	4	☹	☹
TC130-M33-LG-		M 33	3,5	275	42	208	25	20	23	4	☹	
TC130-M36-LG-	TC130-M36-LG-	M 36	4	300	48	231	28	22	25	5	☹	☹
TC130-M42-LG-		M 42	4,5	350	54	252	32	24	27	5	☹	

Ordering example for the grade WY80AA: TC130-M10-LG-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

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

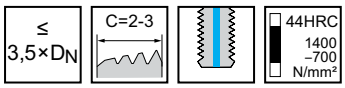
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E machine taps

TC130 Supreme mm



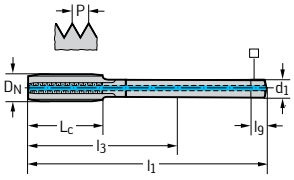
– WY80AA: Good Performance
– WY80EH: Excellent Performance



MF	6HX	
DIN 13		

	P	M	K	N	S	H	O
WY80AA	●●		●●	●			●
WY80EH	●●		●●	●			●

DIN 374



Designation WY80AA	Designation WY80EH	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80EH
TC130-M10X1-L1-	TC130-M10X1-L1-	MF 10x1	1	90	20	67	7	5,5	8	3	☹	☹
TC130-M12X1.5-L1-	TC130-M12X1.5-L1-	MF 12x1.5	1,5	100	21	73	9	7	10	3	☹	☹
TC130-M14X1.5-L1-	TC130-M14X1.5-L1-	MF 14x1.5	1,5	100	21	71	11	9	12	3	☹	☹
TC130-M16X1.5-L1-	TC130-M16X1.5-L1-	MF 16x1.5	1,5	100	21	58	12	9	12	3	☹	☹
TC130-M18X1.5-L1-	TC130-M18X1.5-L1-	MF 18x1.5	1,5	110	24	66	14	11	14	3	☹	☹
TC130-M20X1.5-L1-	TC130-M20X1.5-L1-	MF 20x1.5	1,5	125	24	80	16	12	15	3	☹	☹
TC130-M22X1.5-L1-	TC130-M22X1.5-L1-	MF 22x1.5	1,5	125	24	78	18	14,5	17	3	☹	☹
TC130-M24X1.5-L1-		MF 24x1.5	1,5	140	26	93	18	14,5	17	4	☹	
TC130-M30X2-L1-		MF 30x2	2	150	26	85	22	18	21	4	☹	
TC130-M33X2-L1-		MF 33x2	2	160	28	93	25	20	23	4	☹	

Ordering example for the grade WY80AA: TC130-M10X1-L1-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E machine taps

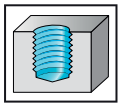
TC130 Supreme mm



– WY80AA: Good Performance

UNC
ASME B1.1

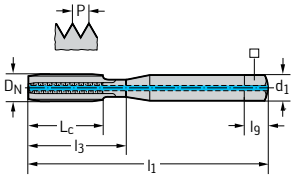
2BX



≤ 3,5×D_N | C=2-3 | 44HRC 1400 –700 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●		●●	●			●

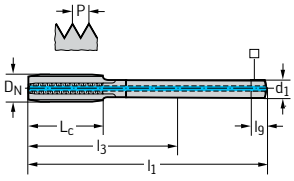
DIN 2184-1



Designation WY80AA	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC130-UNC1/4-C1-	UNC 1/4-20	6,35	80	15	30	7	5,5	8	3	☹
TC130-UNC5/16-C1-	UNC 5/16-18	7,938	90	18	35	8	6,2	9	3	☹
TC130-UNC3/8-C1-	UNC 3/8-16	9,525	100	20	39	10	8	11	3	☹

Ordering example for the grade WY80AA: TC130-UNC1/4-C1-WY80AA

DIN 2184-1



Designation WY80AA	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC130-UNC1/2-L1-	UNC 1/2-13	12,7	110	23	83	9	7	10	3	☹
TC130-UNC5/8-L1-	UNC 5/8-11	15,875	110	25	68	12	9	12	3	☹
TC130-UNC3/4-L1-	UNC 3/4-10	19,05	125	30	81	14	11	14	3	☹
TC130-UNC1-L1-	UNC 1"-8	25,4	160	36	113	18	14,5	17	4	☹

Ordering example for the grade WY80AA: TC130-UNC1-L1-WY80AA

C1

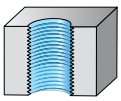
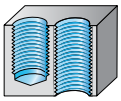
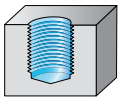
WALTER SELECT

●● Primary application ● Other application

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

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

Solid carbide taps

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

C1

WALTER SELECT

●● Primary application ● Other application

HSS-E and solid carbide thread formers

Machining					
Thread depth	2 x D_N	3 x D_N	3 x D_N	3 x D_N	3 x D_N
				Selection	
					
Designation	Protodyn® Eco LM	Protodyn® C	TC410 Advance	TC420 Supreme	TC430 Supreme
Thread type					
M	✔	✔	✔	✔	✔
MF					
UNC / UNF / UN-8					
G / Rc / Rp					
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	6HX	6GX / 6HX	6GX / 6HX / 7GX	6GX / 6HX	6HX
Coolant supply	External	External	External	External	External
Chamfer form	C	C	C / D	C	C
Coating / grade	CRN	NID / uncoated	WY80AD	WW60AD / WW60BA	WW60EL
Cutting tool material	HSS-E	HSS-E	HSS-E	HSS-E-PM	HSS-E-PM
P Steel	●	●	●●	●●	●●
M Stainless steel			●●	●	●
K Cast iron			●	●	●
N NF metals	●●		●●	●●	●
S Materials with difficult cutting properties	●●		●	●	
H Hard materials					
O Other					
Page in catalogue				C 276	
QR code					
www.walter-tools.com/woc/	protodyn-eco-lm	protodyn-c	TC410	TC420	TC430

WALTER SELECT

●● Primary application ● Other application

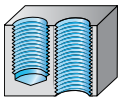
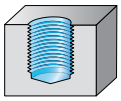
HSS-E and solid carbide thread formers

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

C2

WALTER SELECT ●● Primary application ● Other application

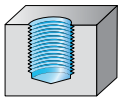
HSS-E and solid carbide thread formers

Machining					
Thread depth	3,5 x D_N	3,5 x D_N	3,5 x D_N	3,5 x D_N	3,5 x D_N
	Selection				
					
Designation	TC420 Supreme	TC430 Supreme	TC440 Supreme	TC470 Supreme	TC410 Advance
Thread type					
M	✔	✔	✔	✔	
MF	✔	✔	✔	✔	✔
UNC / UNF / UN-8					
G / Rc / Rp					
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	6GX / 6HX	6GX / 6HX	6HX	6HX	6GX
Coolant supply	External / radial	External / radial	External / radial	External / radial	External
Chamfer form	C	C	C	C	E
Coating / grade	WW60AD / WW60BA	WW60AD / WW60EL	WY80AD	WG20EL	WY80AD
Cutting tool material	HSS-E-PM	HSS-E-PM	HSS-E	VHM	HSS-E
P Steel	●●	●●	●	●●	●●
M Stainless steel	●●	●	●●		●
K Cast iron	●	●		●	●
N NF metals	●●	●	●	●	●●
S Materials with difficult cutting properties	●		●		●
H Hard materials					
O Other					
Page in catalogue	C 281				
QR code					
www.walter-tools.com/woc/	TC420	TC430	TC440	TC470	TC410

WALTER SELECT

●● Primary application ● Other application

HSS-E and solid carbide thread formers

Machining				
Thread depth	3,5 x D_N	3,5 x D_N	3,5 x D_N	3,5 x D_N
	Selection			
				
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	C 277			
QR code				
www.walter-tools.com/woc/	TC420	TC430	TC440	TC470

C2

WALTER SELECT ●● Primary application ● Other application

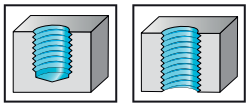
HSS-E-PM machine thread formers

TC420 Supreme mm



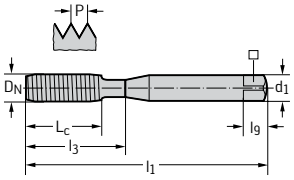
– For long-chipping materials

M	6HX
DIN 13	



	P	M	K	N	S	H	O
WW60AD	●●	●	●	●●	●		
WW60BA	●●	●	●	●●	●		

DIN 2174

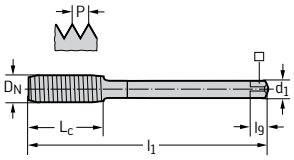


Designation WW60AD	Designation WW60BA	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M2-C0-	TC420-M2-C0-	M 2	0,4	45	4	11	2,8	2,1	5	3	☹	☹
TC420-M2.5-C0-	TC420-M2.5-C0-	M 2.5	0,45	50	4	14	2,8	2,1	5	3	☹	☹
TC420-M3-C0-	TC420-M3-C0-	M 3	0,5	56	6	18	3,5	2,7	6	4	☹	☹
TC420-M3.5-C0-	TC420-M3.5-C0-	M 3.5	0,6	56	7	20	4	3	6	4	☹	☹
TC420-M4-C0-	TC420-M4-C0-	M 4	0,7	63	7	21	4,5	3,4	6	5	☹	☹
TC420-M5-C0-	TC420-M5-C0-	M 5	0,8	70	8	25	6	4,9	8	5	☹	☹
TC420-M6-C0-	TC420-M6-C0-	M 6	1	80	10	30	6	4,9	8	5	☹	☹
TC420-M8-C0-	TC420-M8-C0-	M 8	1,25	90	12	35	8	6,2	9	5	☹	☹
TC420-M10-C0-	TC420-M10-C0-	M 10	1,5	100	15	39	10	8	11	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10-C0-WW60AD

C 2

DIN 2174



Designation WW60AD	Designation WW60BA	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M12-L0-	TC420-M12-L0-	M 12	1,75	110	16	83	9	7	10	6	☹	☹
TC420-M14-L0-	TC420-M14-L0-	M 14	2	110	20	81	11	9	12	6	☹	☹
TC420-M16-L0-	TC420-M16-L0-	M 16	2	110	20	68	12	9	12	6	☹	☹
TC420-M20-L0-		M 20	2,5	140	25	95	16	12	15	7	☹	

Ordering example for the grade WW60AD: TC420-M12-L0-WW60AD

WALTER SELECT

●● Primary application ● Other application

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

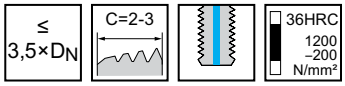
New addition to the product range = ☺ 😐 ☹ / ★

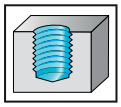
HSS-E-PM machine thread formers

TC420 Supreme mm



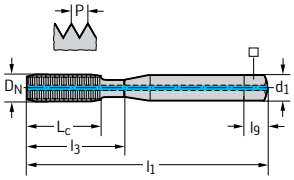
– For long-chipping materials



M DIN 13	6HX	

	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		
WW60BA	●●	●●	●	●●	●		

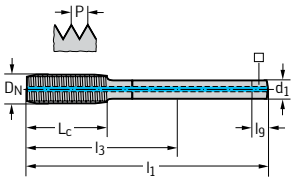
DIN 2174



Designation WW60AD	Designation WW60BA	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M5-C1-	TC420-M5-C1-	M 5	0,8	70	8	25	6	4,9	8	5	☹	☹
TC420-M6-C1-	TC420-M6-C1-	M 6	1	80	10	30	6	4,9	8	5	☹	☹
TC420-M8-C1-	TC420-M8-C1-	M 8	1,25	90	12	35	8	6,2	9	5	☹	☹
TC420-M10-C1-	TC420-M10-C1-	M 10	1,5	100	15	39	10	8	11	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10-C1-WW60AD

DIN 2174



Designation WW60AD	Designation WW60BA	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M12-L1-	TC420-M12-L1-	M 12	1,75	110	16	83	9	7	10	6	☹	☹
TC420-M14-L1-	TC420-M14-L1-	M 14	2	110	20	81	11	9	12	6	☹	☹
TC420-M16-L1-	TC420-M16-L1-	M 16	2	110	20	68	12	9	12	6	☹	☹

Ordering example for the grade WW60AD: TC420-M12-L1-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E-PM machine thread formers

TC420 Supreme mm

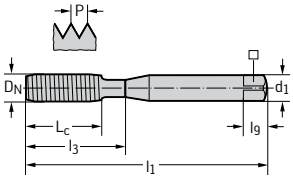


– For long-chipping materials

M	6GX		
DIN 13			

	P	M	K	N	S	H	O
WW60AD	●●	●	●	●●	●		
WW60BA	●●	●	●	●●	●		

DIN 2174

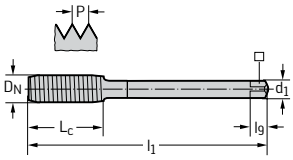


Designation WW60AD	Designation WW60BA	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M2-E0-	TC420-M2-E0-	M 2	0,4	45	4	11	2,8	2,1	5	3	☹	☹
TC420-M2.5-E0-	TC420-M2.5-E0-	M 2.5	0,45	50	4	14	2,8	2,1	5	3	☹	☹
TC420-M3-E0-	TC420-M3-E0-	M 3	0,5	56	6	18	3,5	2,7	6	4	☹	☹
TC420-M3.5-E0-		M 3.5	0,6	56	7	20	4	3	6	4	☹	
TC420-M4-E0-	TC420-M4-E0-	M 4	0,7	63	7	21	4,5	3,4	6	5	☹	☹
TC420-M5-E0-	TC420-M5-E0-	M 5	0,8	70	8	25	6	4,9	8	5	☹	☹
TC420-M6-E0-	TC420-M6-E0-	M 6	1	80	10	30	6	4,9	8	5	☹	☹
TC420-M8-E0-	TC420-M8-E0-	M 8	1,25	90	12	35	8	6,2	9	5	☹	☹
TC420-M10-E0-	TC420-M10-E0-	M 10	1,5	100	15	39	10	8	11	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10-E0-WW60AD

C 2

DIN 2174



Designation WW60AD	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC420-M12-N0-	M 12	1,75	110	16	83	9	7	10	6	☹
TC420-M14-N0-	M 14	2	110	20	81	11	9	12	6	☹
TC420-M16-N0-	M 16	2	110	20	68	12	9	12	6	☹

Ordering example for the grade WW60AD: TC420-M12-N0-WW60AD

WALTER SELECT

●● Primary application ● Other application

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

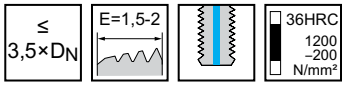
New addition to the product range = ☺ 😐 ☹ / ★

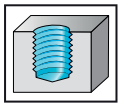
HSS-E-PM machine thread formers

TC420 Supreme mm



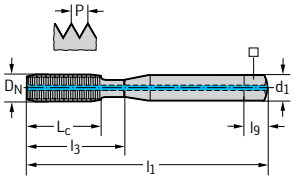
– For long-chipping materials



M DIN 13	6HX	

	P	M	K	N	S	H	O
WW60AD	●●	●●		●●	●		
WW60BA	●●	●●		●●	●		

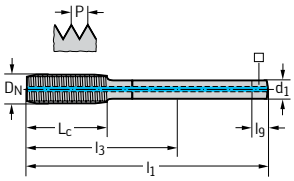
DIN 2174



Designation WW60AD	Designation WW60BA	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M5-CF-	TC420-M5-CF-	M 5	0,8	70	8	25	6	4,9	8	5	☹	☹
TC420-M6-CF-	TC420-M6-CF-	M 6	1	80	10	30	6	4,9	8	5	☹	☹
TC420-M8-CF-	TC420-M8-CF-	M 8	1,25	90	12	35	8	6,2	9	5	☹	☹
TC420-M10-CF-	TC420-M10-CF-	M 10	1,5	100	15	39	10	8	11	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10-CF-WW60AD

DIN 2174



Designation WW60AD	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC420-M12-LF-	M 12	1,75	110	16	83	9	7	10	6	☹
TC420-M16-LF-	M 16	2	110	20	68	12	9	12	6	☹

Ordering example for the grade WW60AD: TC420-M12-LF-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E-PM machine thread formers

TC420 Supreme mm

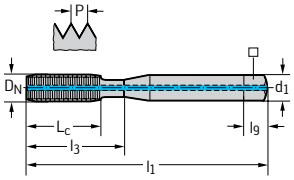


– For long-chipping materials

M	6GX	
DIN 13		

	P	M	K	N	S	H	O
WW60AD	●●	●●		●●	●		
WW60BA	●●	●●		●●	●		

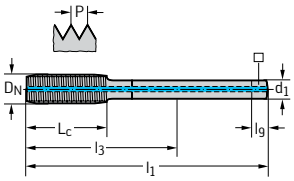
DIN 2174



Designation WW60AD	Designation WW60BA	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M5-EF-	TC420-M5-EF-	M 5	0,8	70	8	25	6	4,9	8	5	☹	☹
TC420-M6-EF-	TC420-M6-EF-	M 6	1	80	10	30	6	4,9	8	5	☹	☹
TC420-M8-EF-	TC420-M8-EF-	M 8	1,25	90	12	35	8	6,2	9	5	☹	☹
TC420-M10-EF-	TC420-M10-EF-	M 10	1,5	100	15	39	10	8	11	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10-EF-WW60AD

DIN 2174



Designation WW60AD	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC420-M12-NF-	M 12	1,75	110	16	83	9	7	10	6	☹
TC420-M16-NF-	M 16	2	110	20	68	12	9	12	6	☹

Ordering example for the grade WW60AD: TC420-M12-NF-WW60AD

C 2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E-PM machine thread formers

TC420 Supreme mm



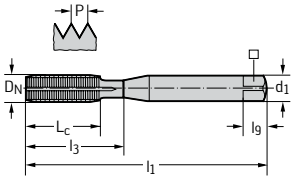
– For long-chipping materials

≤ 3,5×D_N	C=2-3	36HRC 1200 –200 N/mm²

M DIN 13	6HX		

	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		
WW60BA	●●	●●	●	●●	●		

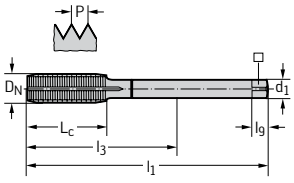
DIN 2174



Designation WW60AD	Designation WW60BA	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M2-C6-	TC420-M2-C6-	M 2	0,4	45	4	11	2,8	2,1	5	3	☺	☺
TC420-M2.5-C6-	TC420-M2.5-C6-	M 2.5	0,45	50	4	14	2,8	2,1	5	3	☺	☺
TC420-M3-C6-	TC420-M3-C6-	M 3	0,5	56	6	18	3,5	2,7	6	4	☺	☺
TC420-M3.5-C6-	TC420-M3.5-C6-	M 3.5	0,6	56	7	20	4	3	6	4	☺	☺
TC420-M4-C6-	TC420-M4-C6-	M 4	0,7	63	7	21	4,5	3,4	6	5	☺	☺
TC420-M5-C6-	TC420-M5-C6-	M 5	0,8	70	8	25	6	4,9	8	5	☺	☺
TC420-M6-C6-	TC420-M6-C6-	M 6	1	80	10	30	6	4,9	8	5	☺	☺
TC420-M8-C6-	TC420-M8-C6-	M 8	1,25	90	12	35	8	6,2	9	5	☺	☺
TC420-M10-C6-	TC420-M10-C6-	M 10	1,5	100	15	39	10	8	11	6	☺	☺

Ordering example for the grade WW60AD: TC420-M10-C6-WW60AD

DIN 2174



Designation WW60AD	Designation WW60BA	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M12-L6-	TC420-M12-L6-	M 12	1,75	110	16	83	9	7	10	6	☺	☺
TC420-M14-L6-	TC420-M14-L6-	M 14	2	110	20	81	11	9	12	6	☺	☺
TC420-M16-L6-	TC420-M16-L6-	M 16	2	110	20	68	12	9	12	6	☺	☺
TC420-M20-L6-	TC420-M20-L6-	M 20	2,5	140	25	95	16	12	15	7	☺	☺

Ordering example for the grade WW60AD: TC420-M12-L6-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

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

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

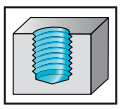
HSS-E-PM machine thread formers

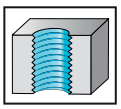
TC420 Supreme mm



– For long-chipping materials

M DIN 13	6HX

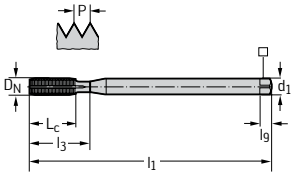




≤ 3,5×D_N	C=2-3	XL l_1	36HRC 1200 –200 N/mm²

	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		

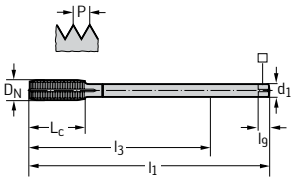
~DIN 371 XL



Designation WW60AD	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC420-M3-CH-	M 3	0,5	125	6	18	3,5	2,7	6	4	
TC420-M4-CH-	M 4	0,7	125	7	21	4,5	3,4	6	5	
TC420-M5-CH-	M 5	0,8	140	8	25	6	4,9	8	5	
TC420-M6-CH-	M 6	1	160	10	30	6	4,9	8	5	

Ordering example for the grade WW60AD: TC420-M3-CH-WW60AD

~DIN 376 XL



Designation WW60AD	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC420-M8-LH-	M 8	1,25	180	13	157	6	4,9	8	5	
TC420-M10-LH-	M 10	1,5	200	15	177	7	5,5	8	6	
TC420-M12-LH-	M 12	1,75	220	16	193	9	7	10	6	
TC420-M16-LH-	M 16	2	220	20	178	12	9	12	6	

Ordering example for the grade WW60AD: TC420-M10-LH-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

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

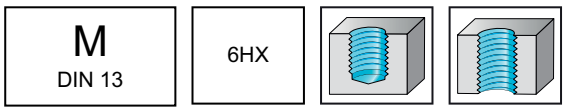
New addition to the product range = ☺ 😐 ☹ / ★

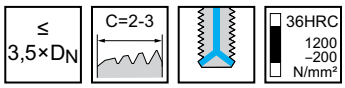
HSS-E-PM machine thread formers

TC420 Supreme mm



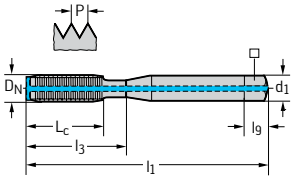
– For long-chipping materials





	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		
WW60BA	●●	●●	●	●●	●		

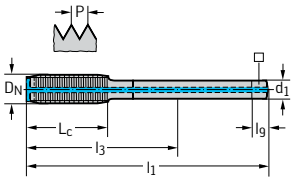
DIN 2174



Designation WW60AD	Designation WW60BA	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M5-C2-	TC420-M5-C2-	M 5	0,8	70	8	25	6	4,9	8	5	☹	☹
TC420-M6-C2-	TC420-M6-C2-	M 6	1	80	10	30	6	4,9	8	5	☹	☹
TC420-M8-C2-	TC420-M8-C2-	M 8	1,25	90	12	35	8	6,2	9	5	☹	☹
TC420-M10-C2-	TC420-M10-C2-	M 10	1,5	100	15	39	10	8	11	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10-C2-WW60AD

DIN 2174



Designation WW60AD	Designation WW60BA	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M12-L2-	TC420-M12-L2-	M 12	1,75	110	16	83	9	7	10	6	☹	☹
TC420-M14-L2-	TC420-M14-L2-	M 14	2	110	20	81	11	9	12	6	☹	☹
TC420-M16-L2-	TC420-M16-L2-	M 16	2	110	20	68	12	9	12	6	☹	☹
TC420-M20-L2-	TC420-M20-L2-	M 20	2,5	140	25	95	16	12	15	7	☹	☹
TC420-M24-L2-	TC420-M24-L2-	M 24	3	160	30	113	18	14,5	17	8	☹	☹

Ordering example for the grade WW60AD: TC420-M12-L2-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E-PM machine thread formers

TC420 Supreme mm

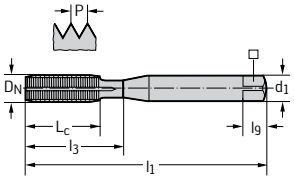


– For long-chipping materials

M	6HX	
DIN 13		

	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		
WW60BA	●●	●●	●	●●	●		

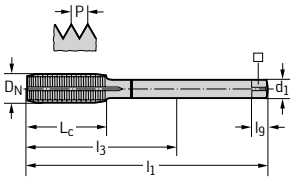
DIN 2174



Designation WW60AD	Designation WW60BA	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M2-CE-	TC420-M2-CE-	M 2	0,4	45	4	11	2,8	2,1	5	3	☹	☹
TC420-M2.5-CE-	TC420-M2.5-CE-	M 2.5	0,45	50	4	14	2,8	2,1	5	3	☹	☹
TC420-M3-CE-	TC420-M3-CE-	M 3	0,5	56	6	18	3,5	2,7	6	4	☹	☹
TC420-M3.5-CE-		M 3.5	0,6	56	7	20	4	3	6	4	☹	
TC420-M4-CE-	TC420-M4-CE-	M 4	0,7	63	7	21	4,5	3,4	6	5	☹	☹
TC420-M5-CE-	TC420-M5-CE-	M 5	0,8	70	8	25	6	4,9	8	5	☹	☹
TC420-M6-CE-	TC420-M6-CE-	M 6	1	80	10	30	6	4,9	8	5	☹	☹
TC420-M8-CE-	TC420-M8-CE-	M 8	1,25	90	12	35	8	6,2	9	5	☹	☹
TC420-M10-CE-	TC420-M10-CE-	M 10	1,5	100	15	39	10	8	11	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10-CE-WW60AD

DIN 2174



Designation WW60AD	Designation WW60BA	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M12-LE-	TC420-M12-LE-	M 12	1,75	110	16	83	9	7	10	6	☹	☹
TC420-M14-LE-		M 14	2	110	20	81	11	9	12	6	☹	
TC420-M16-LE-	TC420-M16-LE-	M 16	2	110	20	68	12	9	12	6	☹	☹

Ordering example for the grade WW60AD: TC420-M12-LE-WW60AD

C 2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E-PM machine thread formers

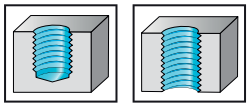
TC420 Supreme mm



≤ 3,5×D_N | C=2-3 | 36HRC 1200 –200 N/mm²

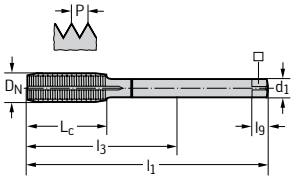
– For long-chipping materials

M DIN 13 | 6GX



	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		
WW60BA	●●	●●	●	●●	●		

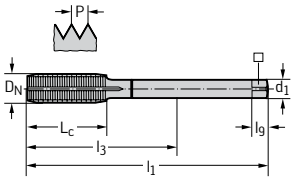
DIN 2174



Designation WW60AD	Designation WW60BA	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M2-E6-	TC420-M2-E6-	M 2	0,4	45	4	11	2,8	2,1	5	3	☹	☹
TC420-M2.5-E6-	TC420-M2.5-E6-	M 2.5	0,45	50	4	14	2,8	2,1	5	3	☹	☹
TC420-M3-E6-	TC420-M3-E6-	M 3	0,5	56	6	18	3,5	2,7	6	4	☹	☹
TC420-M3.5-E6-	TC420-M3.5-E6-	M 3.5	0,6	56	7	20	4	3	6	4	☹	☹
TC420-M4-E6-	TC420-M4-E6-	M 4	0,7	63	7	21	4,5	3,4	6	5	☹	☹
TC420-M5-E6-	TC420-M5-E6-	M 5	0,8	70	8	25	6	4,9	8	5	☹	☹
TC420-M6-E6-	TC420-M6-E6-	M 6	1	80	10	30	6	4,9	8	5	☹	☹
TC420-M8-E6-	TC420-M8-E6-	M 8	1,25	90	12	35	8	6,2	9	5	☹	☹
TC420-M10-E6-	TC420-M10-E6-	M 10	1,5	100	15	39	10	8	11	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10-E6-WW60AD

DIN 2174



Designation WW60AD	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC420-M12-N6-	M 12	1,75	110	16	83	9	7	10	6	☹
TC420-M14-N6-	M 14	2	110	20	81	11	9	12	6	☹
TC420-M16-N6-	M 16	2	110	20	68	12	9	12	6	☹

Ordering example for the grade WW60AD: TC420-M12-N6-WW60AD

C 2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E-PM machine thread formers

TC420 Supreme mm

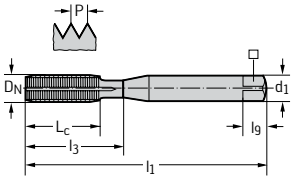


– For long-chipping materials

M	6GX	
DIN 13		

	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		
WW60BA	●●	●●	●	●●	●		

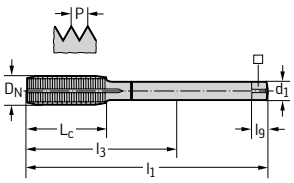
DIN 2174



Designation WW60AD	Designation WW60BA	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M2-EE-	TC420-M2-EE-	M 2	0,4	45	4	11	2,8	2,1	5	3		
TC420-M2.5-EE-	TC420-M2.5-EE-	M 2.5	0,45	50	4	14	2,8	2,1	5	3		
TC420-M3-EE-	TC420-M3-EE-	M 3	0,5	56	6	18	3,5	2,7	6	4		
TC420-M4-EE-	TC420-M4-EE-	M 4	0,7	63	7	21	4,5	3,4	6	5		
TC420-M5-EE-	TC420-M5-EE-	M 5	0,8	70	8	25	6	4,9	8	5		
TC420-M6-EE-	TC420-M6-EE-	M 6	1	80	10	30	6	4,9	8	5		
TC420-M8-EE-	TC420-M8-EE-	M 8	1,25	90	12	35	8	6,2	9	5		
TC420-M10-EE-	TC420-M10-EE-	M 10	1,5	100	15	39	10	8	11	6		

Ordering example for the grade WW60AD: TC420-M10-EE-WW60AD

DIN 2174



Designation WW60AD	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC420-M12-NE-	M 12	1,75	110	16	83	9	7	10	6	
TC420-M14-NE-	M 14	2	110	20	81	11	9	12	6	
TC420-M16-NE-	M 16	2	110	20	68	12	9	12	6	

Ordering example for the grade WW60AD: TC420-M12-NE-WW60AD

C 2

WALTER SELECT

●● Primary application ● Other application

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

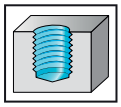
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E-PM machine thread formers

TC420 Supreme mm



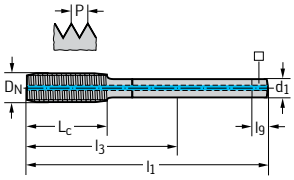
– For long-chipping materials

MF DIN 13	6HX	

≤ 3,5×D_N	C=2-3		

	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		

DIN 2174



Designation WW60AD	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC420-M8X1-L1-	MF 8x1	1	90	12	67	6	4,9	8	5	☹
TC420-M10X1-L1-	MF 10x1	1	90	12	67	7	5,5	8	6	☹
TC420-M12X1.5-L1-	MF 12x1.5	1,5	100	13	73	9	7	10	6	☹
TC420-M14X1.5-L1-	MF 14x1.5	1,5	100	15	71	11	9	12	6	☹

Ordering example for the grade WW60AD: TC420-M10X1-L1-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E-PM machine thread formers

TC420 Supreme mm



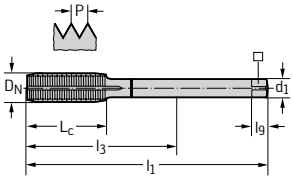
– For long-chipping materials

≤ 3,5×D_N	C=2-3	36HRC 1200 ~200 N/mm²

MF DIN 13	6HX		

	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		
WW60BA	●●	●●	●	●●	●		

DIN 2174



Designation WW60AD	Designation WW60BA	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M8X1-L6-	TC420-M8X1-L6-	MF 8x1	1	90	12	67	6	4,9	8	5	☹	☹
TC420-M10X1-L6-	TC420-M10X1-L6-	MF 10x1	1	90	12	67	7	5,5	8	6	☹	☹
TC420-M12X1-L6-	TC420-M12X1-L6-	MF 12x1	1	100	13	73	9	7	10	6	☹	☹
TC420-M12X1.5-L6-	TC420-M12X1.5-L6-	MF 12x1.5	1,5	100	13	73	9	7	10	6	☹	☹
TC420-M14X1-L6-	TC420-M14X1-L6-	MF 14x1	1	100	15	71	11	9	12	6	☹	☹
TC420-M14X1.25-L6-		MF 14x1.25	1,25	100	15	71	11	9	12	6	☹	
TC420-M14X1.5-L6-	TC420-M14X1.5-L6-	MF 14x1.5	1,5	100	15	71	11	9	12	6	☹	☹
TC420-M16X1.5-L6-	TC420-M16X1.5-L6-	MF 16x1.5	1,5	100	15	58	12	9	12	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10X1-L6-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

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

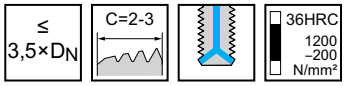
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E-PM machine thread formers

TC420 Supreme mm

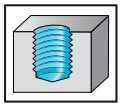


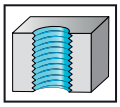
– For long-chipping materials



MF
DIN 13

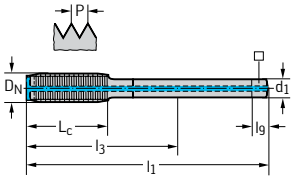
6HX





	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		
WW60BA	●●	●●	●	●●	●		

DIN 2174



Designation WW60AD	Designation WW60BA	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M8X1-L2-	TC420-M8X1-L2-	MF 8x1	1	90	12	67	6	4,9	8	5	☹	☹
TC420-M10X1-L2-	TC420-M10X1-L2-	MF 10x1	1	90	12	67	7	5,5	8	6	☹	☹
TC420-M12X1-L2-	TC420-M12X1-L2-	MF 12x1	1	100	13	73	9	7	10	6	☹	☹
TC420-M12X1.5-L2-	TC420-M12X1.5-L2-	MF 12x1.5	1,5	100	13	73	9	7	10	6	☹	☹
TC420-M14X1.5-L2-	TC420-M14X1.5-L2-	MF 14x1.5	1,5	100	15	71	11	9	12	6	☹	☹
TC420-M16X1.5-L2-	TC420-M16X1.5-L2-	MF 16x1.5	1,5	100	15	58	12	9	12	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10X1-L2-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

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

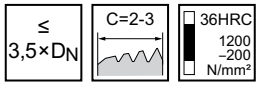
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E-PM machine thread formers

TC420 Supreme mm



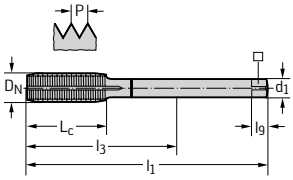
– For long-chipping materials



MF DIN 13	6GX		

	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		
WW60BA	●●	●●	●	●●	●		

DIN 2174



Designation WW60AD	Designation WW60BA	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M8X1-N6-	TC420-M8X1-N6-	MF 8x1	1	90	12	67	6	4,9	8	5	☹	☹
TC420-M10X1-N6-	TC420-M10X1-N6-	MF 10x1	1	90	12	67	7	5,5	8	6	☹	☹
TC420-M12X1-N6-	TC420-M12X1-N6-	MF 12x1	1	100	13	73	9	7	10	6	☹	☹
TC420-M12X1.5-N6-		MF 12x1.5	1,5	100	13	73	9	7	10	6	☹	
TC420-M14X1.5-N6-	TC420-M14X1.5-N6-	MF 14x1.5	1,5	100	15	71	11	9	12	6	☹	☹
TC420-M16X1.5-N6-	TC420-M16X1.5-N6-	MF 16x1.5	1,5	100	15	58	12	9	12	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10X1-N6-WW60AD

C 2

WALTER SELECT

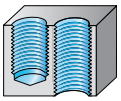
●● Primary application ● Other application

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

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



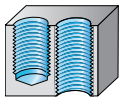
Drill thread milling cutters

Machining			
Thread depth	2 x D_N	2 x D_N	2,5 x D_N
			
Designation	TC685 Supreme	TMD	TC685 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	axial	External / axial
Coating / grade	WB10RC	NHC / TAX	WB10RC
Cutting tool material	VHM	VHM	VHM
P Steel	●		●
M Stainless steel			
K Cast iron	●	●●	●
N NF metals		●●	
S Materials with difficult cutting properties	●		●
H Hard materials	●●		●●
O Other			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	TC685	tmd	TC685

C 3

WALTER SELECT ●● Primary application ● Other application

Thread milling cutters with countersink

Machining	
Thread depth	2 x D_N

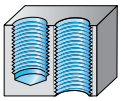


Designation	TMC
Thread type	
M	✔
MF	✔
UNC / UNF / UN-8	
G / Rc / Rp	
MJ / UNJC / UNJF	
NPT / NPTF	
Pg / BSW / Tr	
Indexable inserts basic shape	✔
Additional services	
Coolant supply	External / axial
Coating / grade	TICN / uncoated
Cutting tool material	VHM
P Steel	●●
M Stainless steel	●●
K Cast iron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

C3

WALTER SELECT ●● Primary application ● Other application

Thread milling cutters without countersink

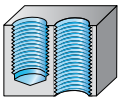
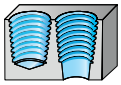
Machining					
Thread depth	1,5 x D_N	1,5 x D_N	1,5 x D_N	2 x D_N	2 x D_N
					
Designation	TC610 Supreme	TMG HRC	TMG Ni	TC611 Supreme	TC620 Supreme
Thread type					
M	✔	✔		✔	✔
MF	✔	✔		✔	✔
UNC / UNF / UN-8	✔			✔	✔
G / Rc / Rp	✔				
MJ / UNJC / UNJF			✔		
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts 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	●	●	●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	TC610	tmg-hrc	tmg-ni	TC611	TC620

C3

WALTER SELECT

●● Primary application ● Other application

Thread milling cutters without countersink

Machining			
Thread depth	2 x D_N	2,5 x 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	●	●	●
Page in catalogue			
QR code			
www.walter-tools.com/woc/	tme	TC620	tmg

C 3

WALTER SELECT ●● Primary application ● Other application

Orbital thread milling cutters

Machining					
Thread depth	2 x D_N	2 x D_N	2,5 x D_N	3 x D_N	4 x D_N
					
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	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		●●			
O Other	●	●	●	●	●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	TC630	tmo-hrc	TC630	TC630	TC630

C3

WALTER SELECT

●● Primary application ● Other application

Thread milling cutters with indexable insert

Machining				
Thread depth	1,5 x D_N	2 x D_N	2,5 x D_N	3 x D_N
	Selection	Selection	Selection	Selection
				
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	●	●	●	●
Page in catalogue	C 298	C 302	C 306	C 312
QR code				
www.walter-tools.com/woc/	T2710	T2711	T2712	T2713

C 3

WALTER SELECT ●● Primary application ● Other application

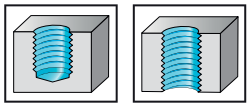
Indexable insert thread milling cutter

T2710 mm



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

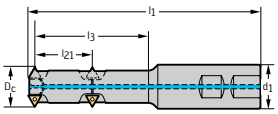
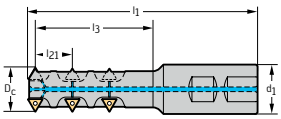
M-MF
DIN 13



≤ 1,5×D_N

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

Tool

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

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

C 3

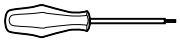
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

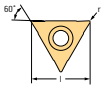
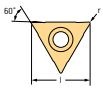
Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37S	M HC WSM37S	K HC WSM37S	N HC WSM37S	S HC WSM37S	H HC WSM37S
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	😠	😠	😠	😠	😠	😠
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	😠	😠	😠	😠	😠	😠
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	😠	😠	😠	😠	😠	😠
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	😠	😠	😠	😠	😠	😠
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	😠	😠	😠	😠	😠	😠
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	😠	😠	😠	😠	😠	😠
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	😠	😠	😠	😠	😠	😠
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	😠	😠	😠	😠	😠	😠
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	😠	😠	😠	😠	😠	😠
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐
	P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	😐	😐	😐	😐	😐	😐
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	😐	😐	😐	😐	😐	😐
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	😐	😐	😐	😐	😐	😐
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	😐	😐	😐	😐	😐	😐

HC = beschichtetes Hartmetall

C3

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

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

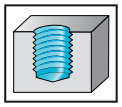
Indexable insert thread milling cutter

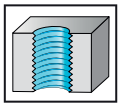
T2710 mm



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

UNC/UNF
UN
ASME B1.1



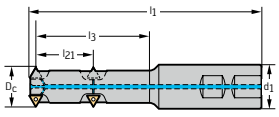


≤ 1,5×D_N

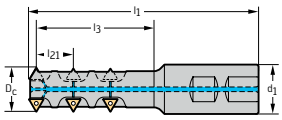
	P	M	K	N	S	H	O
T2710	●●	●●	●●	●	●●	●	●

Tool

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



DIN 1835 B



DIN 1835 B

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

C 3

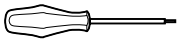
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

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

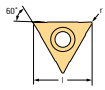
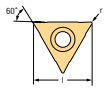
Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37S	M HC WSM37S	K HC WSM37S	N HC WSM37S	S HC WSM37S	H HC WSM37S
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☹	☹	☹	☹	☹	☹
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐

HC = beschichtetes Hartmetall

C 3

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

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

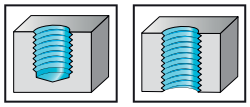
Indexable insert thread milling cutter

T2711 mm



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

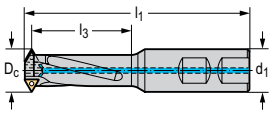
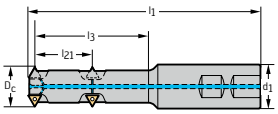
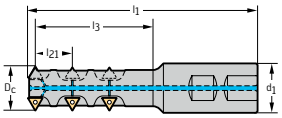
M-MF
DIN 13



≤ 2×D_N

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

Tool

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

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

C 3

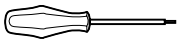
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

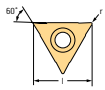
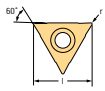
Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37S	M HC WSM37S	K HC WSM37S	N HC WSM37S	S HC WSM37S	H HC WSM37S
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☹	☹	☹	☹	☹	☹
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	☹	☹	☹	☹	☹	☹
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	☹	☹	☹	☹	☹	☹
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	☹	☹	☹	☹	☹	☹
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	☹	☹	☹	☹	☹	☹
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	☹	☹	☹	☹	☹	☹
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	☺	☺	☺	☺	☺	☺
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	☺	☺	☺	☺	☺	☺
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	☺	☺	☺	☺	☺	☺
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	☺	☺	☺	☺	☺	☺
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	☺	☺	☺	☺	☺	☺
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	☺	☺	☺	☺	☺	☺
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	☺	☺	☺	☺	☺	☺
	P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	☺	☺	☺	☺	☺	☺

HC = beschichtetes Hartmetall

C 3

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

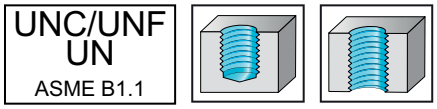
☺ 😐 ☹ / ★ = New addition to the product range

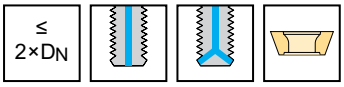
Indexable insert thread milling cutter

T2711 mm



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

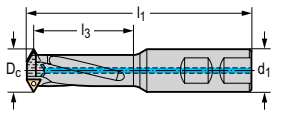




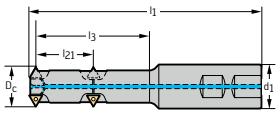
	P	M	K	N	S	H	O
T2711	●●	●●	●●	●	●●	●	●

Tool

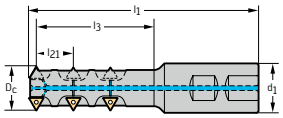
Designation	D_N	P_{max}TPI in	D_c mm	l_{21} mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of cutting edges	Type
T2711-16-W16-2-06	UNC 3/4-10		15,5		41	97	16	2	2	P26300-06 ..
T2711-18-W16-3-06-2-25.4	UNC 7/8-9		18	25,4	47,5	103	16	3	6	P26300-06 ..
T2711-20-W20-3-06-2-25.4	UNC 1-8		20	25,4	53,9	113	20	3	6	
T2711-26-W25-3-09-2-32.7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



DIN 1835 B



DIN 1835 B



DIN 1835 B

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

C3

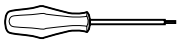
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

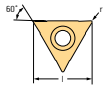
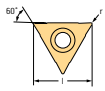
Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37S	M HC WSM37S	K HC WSM37S	N HC WSM37S	S HC WSM37S	H HC WSM37S
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	😠	😠	😠	😠	😠	😠
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	😠	😠	😠	😠	😠	😠
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	😠	😠	😠	😠	😠	😠
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	😠	😠	😠	😠	😠	😠
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐

HC = beschichtetes Hartmetall

C3

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

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

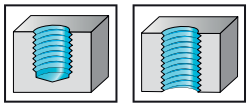
Indexable insert thread milling cutter

T2712 mm



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

M-MF
DIN 13

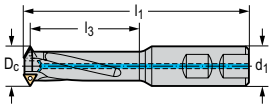


≤ 2,5×D_N

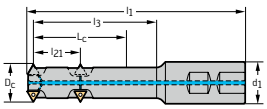
	P	M	K	N	S	H	O
T2712	●●	●●	●●	●	●●	●	●

Tool

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



DIN 1835 B



DIN 1835 B

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

C 3

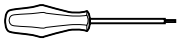
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ☺ → Moderate = ☹

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

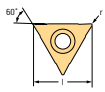
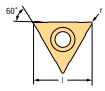
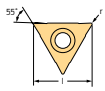
Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37S	M HC WSM37S	K HC WSM37S	N HC WSM37S	S HC WSM37S	H HC WSM37S
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	😠	😠	😠	😠	😠	😠
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	😠	😠	😠	😠	😠	😠
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	😠	😠	😠	😠	😠	😠
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	😠	😠	😠	😠	😠	😠
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	😠	😠	😠	😠	😠	😠
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	😠	😠	😠	😠	😠	😠
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	😠	😠	😠	😠	😠	😠
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	😠	😠	😠	😠	😠	😠
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	😠	😠	😠	😠	😠	😠
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐
	P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	😐	😐	😐	😐	😐	😐
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	😐	😐	😐	😐	😐	😐
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	😐	😐	😐	😐	😐	😐
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	😐	😐	😐	😐	😐	😐
	P26310-09G11-D61	09	0,2	2.30–2.3	11–11	9,34	3	😠	😠	😠	😠	😠	😠
	P26310-14G11-D61	14	0,2	2.30–2.3	11–11	13,72	3	😠	😠	😠	😠	😠	😠

HC = beschichtetes Hartmetall

C3

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

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

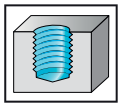
Indexable insert thread milling cutter

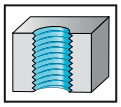
T2712 mm



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

UNC/UNF
UN
ASME B1.1





≤ 2,5×D_N



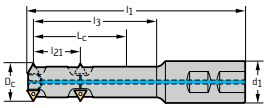




	P	M	K	N	S	H	O
T2712	●●	●●	●●	●	●●	●	●

Tool

Designation	D_N	P_{max}TPI in	D_c mm	l_{21} mm	L_c mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of cutting edges	Type
T2712-26-W25-3-09-2-32.7	UNC 1 1/4-7		26	32,7	65,3	84	151	25	3	6	P26300-09 ..
T2712-31-W32-3-09-2-38.1	UNC 1 1/2-6		31	38,1	76,2	99,8	172	32	3	6	



DIN 1835 B

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

C 3

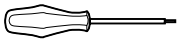
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

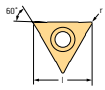
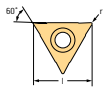
Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37S	M HC WSM37S	K HC WSM37S	N HC WSM37S	S HC WSM37S	H HC WSM37S
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐

HC = beschichtetes Hartmetall

C 3

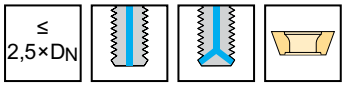
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Indexable insert thread milling cutter

T2712 mm



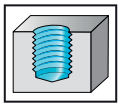
– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information

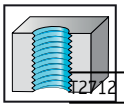


M-MF
DIN 13

UNC/UNF
UN
ASME B1.1

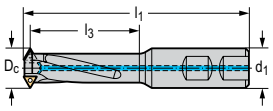
G (BSP)
DIN EN ISO 228





P	M	K	N	S	H	O
●●	●●	●●	●	●●	●	●

Tool



DIN 1835 B

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

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

C 3

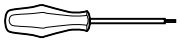
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

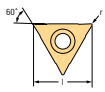
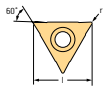
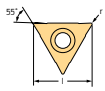
Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37S	M HC WSM37S	K HC WSM37S	N HC WSM37S	S HC WSM37S	H HC WSM37S
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	😐	😐	😐	😐	😐	😐
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	😐	😐	😐	😐	😐	😐
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	😐	😐	😐	😐	😐	😐
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	😐	😐	😐	😐	😐	😐
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	😐	😐	😐	😐	😐	😐
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😀	😀	😀	😀	😀	😀
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😀	😀	😀	😀	😀	😀
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😀	😀	😀	😀	😀	😀
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😀	😀	😀	😀	😀	😀
	P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	😀	😀	😀	😀	😀	😀
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	😀	😀	😀	😀	😀	😀
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	😀	😀	😀	😀	😀	😀
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	😀	😀	😀	😀	😀	😀
	P26310-09G11-D61	09	0,2	2.30–2.3	11–11	9,34	3	😐	😐	😐	😐	😐	😐
	P26310-14G11-D61	14	0,2	2.30–2.3	11–11	13,72	3	😐	😐	😐	😐	😐	😐

HC = beschichtetes Hartmetall

C3

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

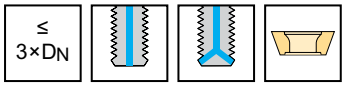
😀 😐 😐 / ★ = New addition to the product range

Indexable insert thread milling cutter

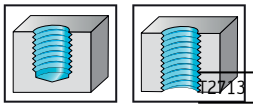
T2713 mm



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

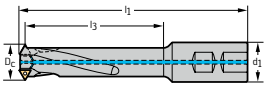


M-MF	UNC/UNF UN	G (BSP)
DIN 13	ASME B1.1	DIN EN ISO 228



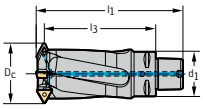
P	M	K	N	S	H	O
●●	●●	●●	●	●●	●	●

Tool



DIN 1835 B

Designation	D_N	P_{max} mm	D_c mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of cutting edges	Type
T2713-17-W16-3-06	M 20	2,5	16,5	63	118	16	3	3	P26300-06 ..
T2713-19-W20-3-06	M 24	3	19	75	135	20	3	3	
T2713-24-W25-3-09	M 30	3,5	24	94,5	163	25	3	3	P26300-09 ..
T2713-29-W32-3-09	M 36	4	29	112,5	185	32	3	3	
T2713-35-W32-3-11	M 42	4,5	35	131,5	202	32	3	3	P26300-11 ..
T2713-40-W40-3-14	M 48	5	40	151	235	40	3	3	P26300-14 ..
T2713-44-W40-3-14	M 56	5,5	44	175	258	40	3	3	
T2713-52-W40-4-14	M 64	6	52	199	281	40	4	4	



Walter Capto™ in acc. with ISO 26623

Designation	D_N	P_{max} mm	D_c mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of cutting edges	Type
T2713-60-C5-4-14	M 72	6	60	115	152	50	4	4	P26300-14 ..
T2713-73-C6-5-14	M 85	6	73	125	170	63	5	5	
T2713-94-C8-5-22	M 125	10	94	140	199	80	5	5	P26300-22 ..

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining

C 3

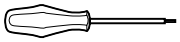
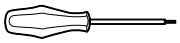
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

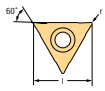
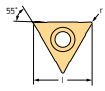
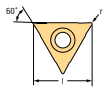
Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37S	M HC WSM37S	K HC WSM37S	N HC WSM37S	S HC WSM37S	H HC WSM37S
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3						
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3						
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3						
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3						
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3						
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3						
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3						
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3						
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3						
	P26300-2204-D61	22	0,4	6.00–10.0	4–3	21,41	3						
	P26310-09G11-D61	09	0,2	2.30–2.3	11–11	9,34	3						
	P26310-14G11-D61	14	0,2	2.30–2.3	11–11	13,72	3						
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3						
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3						
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3						

HC = beschichtetes Hartmetall

C 3

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

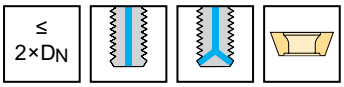
☻ 😐 😣 / ★ = New addition to the product range

Indexable insert thread milling cutter

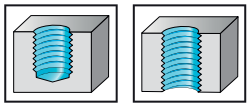
T2711 / T2712 inch



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

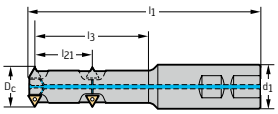
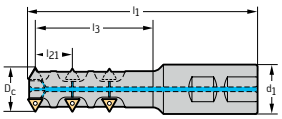
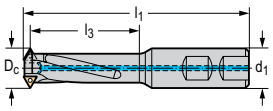


UNC/UNF
UN
ASME B1.1



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

Tool

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

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

C 3

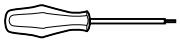
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

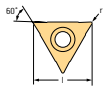
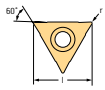
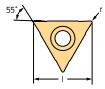
Assembly parts

	D_c [inch]	0,787	0,886–1,22
	Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,6 Nm	FS2111 (T7IP) 0,9 Nm

Accessories

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

Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37S	M HC WSM37S	K HC WSM37S	N HC WSM37S	S HC WSM37S	H HC WSM37S
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☹	☹	☹	☹	☹	☹
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐
	P26310-09G11-D61	09	0,2	2.30–2.3	11–11	9,34	3	☹	☹	☹	☹	☹	☹

HC = beschichtetes Hartmetall

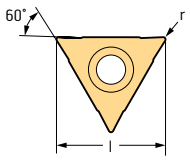
C 3

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

Thread milling cutter inserts – M, MF, UNC, UNF, UN

P26300

Tiger·tec® Silver



Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37S	M HC WSM37S	K HC WSM37S	N HC WSM37S	S HC WSM37S	H HC WSM37S
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐
	P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	😐	😐	😐	😐	😐	😐
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	😐	😐	😐	😐	😐	😐
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	😐	😐	😐	😐	😐	😐
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	😐	😐	😐	😐	😐	😐
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	😣	😣	😣	😣	😣	😣
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	😣	😣	😣	😣	😣	😣
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	😣	😣	😣	😣	😣	😣
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	😣	😣	😣	😣	😣	😣
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	😣	😣	😣	😣	😣	😣
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	😣	😣	😣	😣	😣	😣
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	😣	😣	😣	😣	😣	😣
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	😣	😣	😣	😣	😣	😣
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	😣	😣	😣	😣	😣	😣
	P26300-2204-D61	22	0,4	6.00–10.0	4–3	21,41	3	😣	😣	😣	😣	😣	😣

Ordering example for the grade WSM37S: P26300-0601-D67 WSM37S

HC = Coated carbide

C3

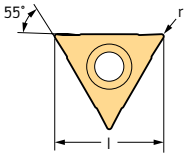
WALTER SELECT Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = 😣 machining conditions

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

Thread milling cutter inserts – G (BSP)

P26310

Tiger·tec® Silver



Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37S	M HC WSM37S	K HC WSM37S	N HC WSM37S	S HC WSM37S	H HC WSM37S
	P26310-09G11-D61	09	0,2	2.30–2.3	11–11	9,34	3	😡	😡	😡	😡	😡	😡
	P26310-14G11-D61	14	0,2	2.30–2.3	11–11	13,72	3	😡	😡	😡	😡	😡	😡

Ordering example for the grade WSM37S: P26310-09G11-D61 WSM37S

HC = Coated carbide

C3

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

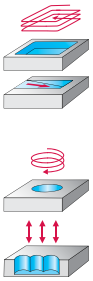


D – Milling

D1: Solid carbide milling tools		Page
Solid carbide milling tools	Product range overview	
	High-feed milling cutter	320
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D2: Milling tools with indexable inserts		Page
Indexable insert milling cutters	Product range overview	
	Face milling cutters	366
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	Copy milling cutters	385
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High-feed milling cutters



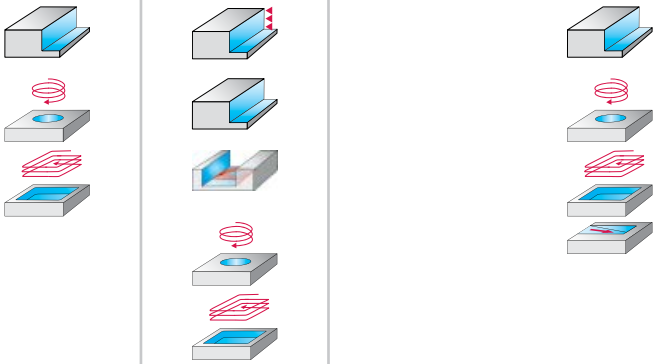


Designation	MC025 Advance	MD025 Supreme	MD025 Supreme	MC089 Advance
Diameter range	1–16	6–16	6–16	4–16
Number of teeth	2–4	5–6	5–6	4
Corner radius	0,1–2	0,5–2	0,5–2	0,5–2
Diameter range	0,125–0,625	0,250–0,625	0,250–0,625	—
Number of teeth	4	5–6	5–6	
Corner radius	0,020–0,080	0,020–0,080	0,020–0,080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

D1

WALTER SELECT ●● Primary application ● Other application

Shoulder milling cutters





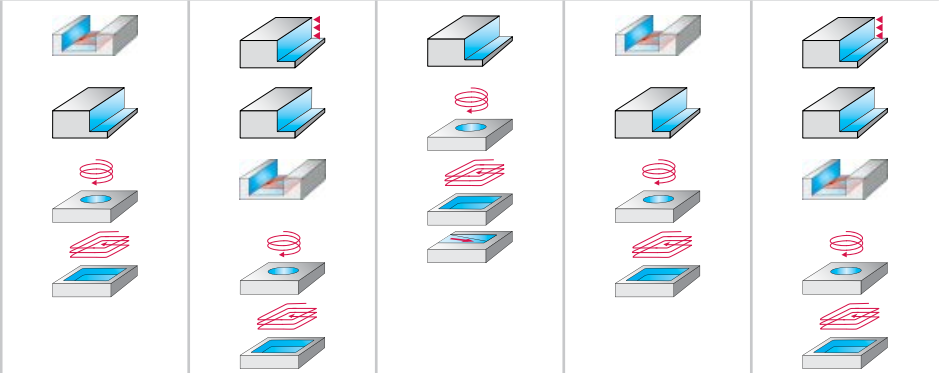
Designation	MC129 Advance	MC128 Advance	MC122 Advance	MC112 Advance	MC111 Advance
Diameter range	6–20	2–25	4–25	4–16	2–20
Number of teeth	6	4–8	4–8	4	4
Corner radius		0,5–4		0,5–2	
Diameter range	—	0,250–0,750	—	—	0,094–0,750
Number of teeth		6–8			4
Corner radius		0,015–0,250			
Standard	DIN 6527 L	DIN 6527 L STANDARD	DIN 6527 L PWZ-NORM L PWZ-NORM XL	PWZ-NORM XL PWZ-NORM L	DIN 6527 K STANDARD
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA 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					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	MC129	MC128	MC122	MC112	MC111

WALTER SELECT

●● Primary application ● Other application

D1

Shoulder milling cutters





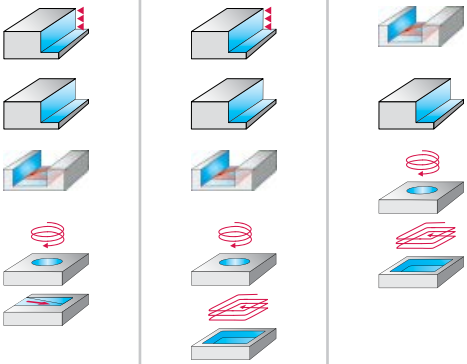
Designation	MD133 Supreme	MD128 Supreme	Protostar®	MD133 Supreme	MD128 Supreme
Diameter range	6–20	6–25	0,4–3	6–20	6–25
Number of teeth	5–6	6–8	2	5–6	6–8
Corner radius	0,3–1	0,5–4	0,05–0,3	0,3–1	0,5–4
Diameter range	0,250–0,750	—	—	0,250–0,750	—
Number of teeth	5–6			5–6	
Corner radius	0,015–0,030			0,015–0,030	
Standard	PWZ-NORM L PWZ-NORM XL	PWZ-NORM	PWZ-NORM MINI	PWZ-NORM L PWZ-NORM XL	PWZ-NORM
Shank	DIN 6535 HB	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					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	MD133	MD128	protostar	MD133	MD128

D1

WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters



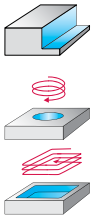


Designation	MC166 Advance	MD177 Supreme	MD173 Supreme	Protostar® Ti	MC187 Advance
Diameter range	12–20	6–25	—	16–25	3–25
Number of teeth	3	7		4–5	4–8
Corner radius	1–5	0,3–1,25		3–4	0,5–3
Diameter range	—	0,187–1,000	0,250–1,000	—	0,125–0,750
Number of teeth		7	7		4–8
Corner radius		0,015–0,120	0,015–0,120		0,015–0,060
Standard	PWZ-NORM L PWZ-NORM XL	DIN 6527 L STANDARD PWZ-NORM L PWZ-NORM S PWZ-NORM XL	STANDARD PWZ-NORM L PWZ-NORM XL	PWZ-NORM XL	DIN 6527 L PWZ-NORM L STANDARD
Shank	DIN 6535 HA	Cylindrical shank	Cylindrical shank	DIN 6535 HA	DIN 6535 HA
P Steel		●	●		
M Stainless steel		●	●		
K Cast iron					
N NF metals	●●				
S Materials with difficult cutting properties		●●	●●	●●	
H Hard materials					●●
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	MC166	MD177	MD173	protostar-ti	MC187

WALTER SELECT ●● Primary application ● Other application

D1

Shoulder milling cutters



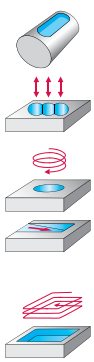


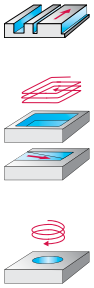
Designation	**MC183 Advance**
Diameter range	6–16
Number of teeth	6–16
Corner radius	
Diameter range	—
Number of teeth	
Corner radius	
Standard	DIN 6527 L
Shank	DIN 6535 HB
P Steel	
M Stainless steel	
K Cast iron	
N NF metals	
S Materials with difficult cutting properties	
H Hard materials	●●
O Other	
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www.walter-tools.com/woc/	MC183

D1

WALTER SELECT ●● Primary application ● Other application

Shoulder/slot milling cutters















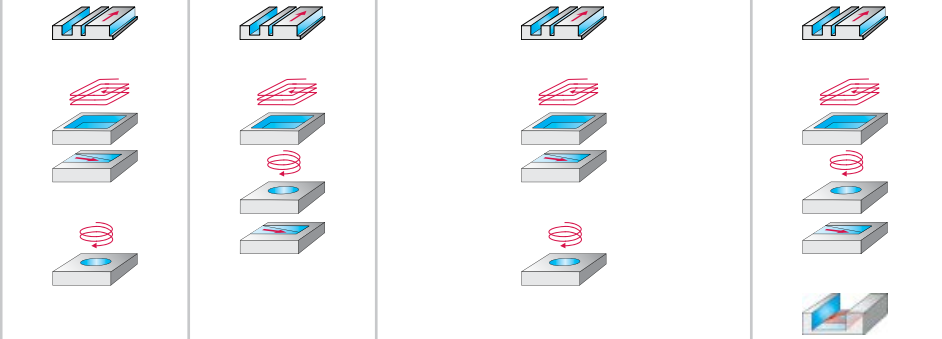
Designation	MC726 Supreme	MC716 Advance	MC326 Supreme	MC324 Advance	MC322 Advance
Diameter range	2,8–16	1,8–20	2–25	1–20	6–20
Number of teeth	3–4	2–3	3–5	3	4–5
Corner radius	0,08–0,25		0,2–4	1,5–2	
Diameter range	—	—	0,125–0,750	—	—
Number of teeth			3–4		
Corner radius			0,015–0,160		
Standard	DIN 6527 K	DIN 6527 K	STUB STANDARD PWZ-NORM L DIN 6527 L LONG	DIN 6527 L	DIN 6527 K
Shank	DIN 6535 HA DIN 6535 HB	DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●	●	●	●
N NF metals					
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	MC726	MC716	MC326	MC324	MC322

WALTER SELECT

●● Primary application ● Other application

D1

Shoulder/slot milling cutters



Selection

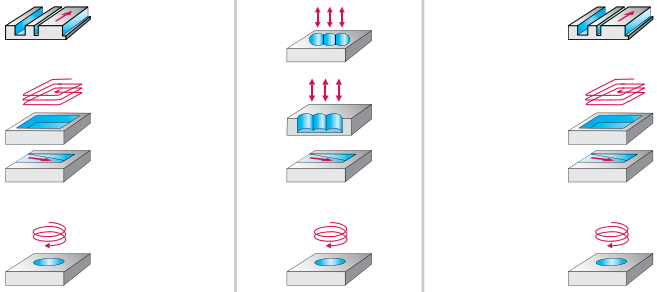


Designation	MC321 Advance	MC320 Advance	MC319 Advance	MC232 Perform	MC230 Advance Xill·tec®
Diameter range	2–12	4–25	5–25	2–20	1–25
Number of teeth	3–4	3–8	4	2–4	2–8
Corner radius		0,2–0,4	0,2–0,4	0,2–4	0,2–4
Diameter range	0,125–0,500	0,250–0,750	—	0,125–0,750	—
Number of teeth	4	4		2–4	
Corner radius		0,008–0,016		0,015–0,125	
Standard	DIN 6527 K PWZ-NORM S STUB	DIN 6527 L DIN 6527 K STANDARD	DIN 6527 L	DIN 6527 L STANDARD	DIN 6527 L P-NORM S DIN 6527 K P-NORM L P-NORM XL
Shank	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					
Page in catalogue					D 336
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www.walter-tools.com/woc/	MC321	MC320	MC319	MC232	MC230

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters



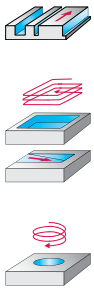


Designation	MC216 Advance	MC213 Advance	MD344 Supreme	MD340 Supreme	MC341 Supreme
Diameter range	1–20	0,6–14,5	6–20	2–25	6–20
Number of teeth	2–3	2–4	4	3–5	4
Corner radius	—	0,06–1,5	0,3–1	0,2–4	
Diameter range	0,094	—	—	0,063–0,750	—
Number of teeth	2			3–5	
Corner radius				0,015–0,060	
Standard	DIN 6527 L STANDARD PWZ-NORM L	PWZ-NORM XL PWZ-NORM L	DIN 6527 L	P-NORM DIN 6527 L ANSI-STANDARD P-NORM L	PWZ-NORM
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●			●
K Cast iron	●	●	●	●	
N NF metals					
S Materials with difficult cutting properties	●	●			
H Hard materials					
O Other					
Page in catalogue					
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www.walter-tools.com/woc/	MC216	MC213	MD344	MD340	MC341

WALTER SELECT ●● Primary application ● Other application

D1

Shoulder/slot milling cutters





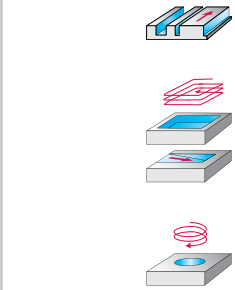
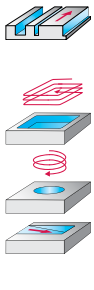
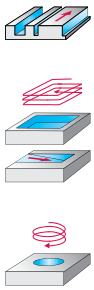
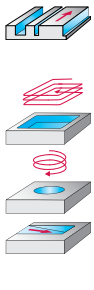
Designation	MC251 Advance	Proto·max™ Inox	MD266 Supreme	MD265 Supreme	MD265 Supreme
Diameter range	3–20	6–20	2–25	16–25	16–25
Number of teeth	4	4	2–3	3	3
Corner radius	0,2–6	0,5–4	0,2–4	2–4	2–4
Diameter range	—	0,250–0,750	—	—	—
Number of teeth		4			
Corner radius					
Standard	DIN 6527 L	DIN 6527 L DIN 6527	DIN 6527 L P-NORM L P-NORM XL	DIN 6527 L P-NORM L P-NORM XL	DIN 6527 L
Shank	DIN 6535 HA	DIN 6535 HA DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel					
M Stainless steel	●●	●●			
K Cast iron					
N NF metals			●●	●●	●●
S Materials with difficult cutting properties	●	●			
H Hard materials					
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	MC251	protomax-inox	MD266	MD265	MD265

D1

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters







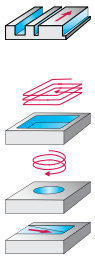
Designation	MC268 Advance	MC267 Advance	MC267 Advance	Protostar®	MD377 Supreme
Diameter range	6–25	1–20	1–20	2–20	6–25
Number of teeth	3–4	2–3	3	1–2	5
Corner radius	0,5–4	0,2–4	0,2–0,5		0,5–6,35
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard	DIN 6527 L P-NORM L	DIN 6527 L	DIN 6527 L	PWZ-NORM L DIN 6527 L	DIN 6527 L
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					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	MC268	MC267	MC267	protostar	MD377

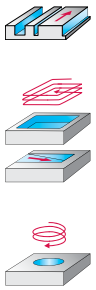
WALTER SELECT

●● Primary application ● Other application

D1

Shoulder/slot milling cutters















Designation	MC377 Advance	MC388 Advance	MC281 Advance	Protostar® Ultra	Protostar®
Diameter range	2–25	2–12	1–4	1–16	0,6–12
Number of teeth	3–4	3–4	2	2–4	2–4
Corner radius	0,2–4	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	DIN 6527 L PWZ-NORM L	PWZ-NORM MINI	PWZ-NORM L PWZ-NORM MINI	PWZ-NORM L PWZ-NORM XL PWZ-NORM MINI
Shank	DIN 6535 HA 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					●●
Page in catalogue					
QR code					
www.walter-tools.com/woc/	MC377	MC388	MC281	protostar-ultra	protostar

WALTER SELECT ●● Primary application ● Other application

Copy milling cutters









Designation	MC416 Advance	MC413 Advance	Protostar®	Protostar®	MC482 Advance
Diameter range	1–20	1–16	0,3–3	2–16	1–16
Number of teeth	2–4	2–4	2	2	2–4
Corner radius	0,5–10	0,5–8	0,15–1,5	1–8	0,5–8
Diameter range	0,063–0,500	—	—	—	—
Number of teeth	4				
Corner radius	0,031–0,250				
Standard	PWZ-NORM L STANDARD DIN 6527 L	PWZ-NORM L PWZ-NORM XL	PWZ-NORM MINI	PWZ-NORM L	DIN 6527 K DIN 6527 L PWZ-NORM XL
Shank	DIN 6535 HA DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel	●●	●●	●●		
M Stainless steel	●	●			
K Cast iron	●	●			
N NF metals	●	●	●	●●	
S Materials with difficult cutting properties	●	●			
H Hard materials					●●
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	MC416	MC413	protostar	protostar	MC482

WALTER SELECT

●● Primary application ● Other application

D1

Copy milling cutters









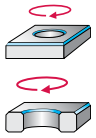


Designation	MC480 Advance	Proto·max™Ultra	Protostar® Ultra	Protostar®
Diameter range	0,4–5	1–10	1–10	0,3–3
Number of teeth	2	2	2	2
Corner radius	0,2–2,5	0,5–5	0,5–5	0,15–1,5
Diameter range	—	—	—	—
Number of teeth				
Corner radius				
Standard	PWZ-NORM MINI	PWZ-NORM L PWZ-NORM MINI	DIN 6527 L PWZ-NORM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

WALTER SELECT

●● Primary application ● Other application

Profiling cutters





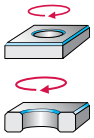
Designation	MC504 Advance	MC503 Advance	MC502 Advance	MC501 Advance	MC500 Advance
Diameter range	6–12	6–20	10	6–12	6–10
Number of teeth	4–6	3–4	4	4–6	4
Corner radius					
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard	PWZ-NORM L	DIN 6527 L	PWZ-NORM L	PWZ-NORM L	PWZ-NORM L
Shank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

WALTER SELECT

●● Primary application ● Other application

D1

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
Shank	Cylindrical shank
P Steel	●●
M Stainless steel	●
K Cast iron	●
N NF metals	●
S Materials with difficult cutting properties	●
H Hard materials	
O Other	
Page in catalogue	
QR code	
www.walter-tools.com/woc/	protostar

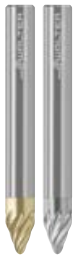
D1

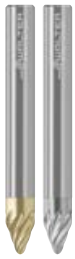
WALTER SELECT

●● 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
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel	●●	●●		
M Stainless steel			●●	●●
K Cast iron	●	●		
N NF metals			●	●
S Materials with difficult cutting properties			●●	●●
H Hard materials				
O Other				
Page in catalogue				
QR code				
www.walter-tools.com/woc/	MD839	MD838	MD839	MD838

WALTER SELECT

●● Primary application ● Other application

D1

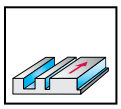
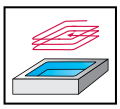
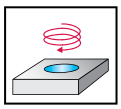
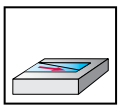
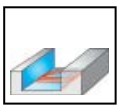
Solid carbide shoulder/slot milling cutters

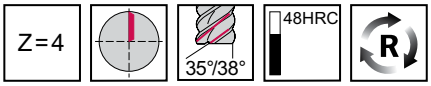
MC230 Advance mm

Xill·tec®



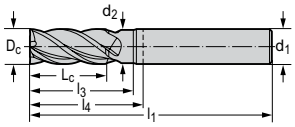

– Long reach



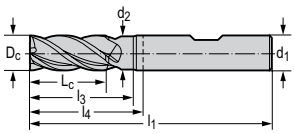
	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

DIN 6527 L



DIN 6535 HA

Designation	h10	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	h5	Z	WK40TF
MC230-02.0A4BC-	2	7	11	1,9	57	21	6	4	☺
MC230-02.5A4BC-	2,5	8	12	2,4	57	21	6	4	☺
MC230-03.0A4BC-	3	8	12	2,9	57	21	6	4	☺
MC230-03.5A4BC-	3,5	10	15	3,3	57	21	6	4	☺
MC230-04.0A4BC-	4	11	15	3,8	57	21	6	4	☺
MC230-04.5A4BC-	4,5	11	18	4,3	57	21	6	4	☺
MC230-05.0A4BC-	5	13	18	4,8	57	21	6	4	☺
MC230-05.5A4BC-	5,5	13	19	5,2	57	21	6	4	☺
MC230-06.0A4BC-	6	13	19	5,7	57	21	6	4	☺
MC230-06.5A4BC-	6,5	16	25	6,2	63	27	8	4	☺
MC230-07.0A4BC-	7	16	25	6,7	63	27	8	4	☺
MC230-08.0A4BC-	8	19	25	7,6	63	27	8	4	☺
MC230-09.0A4BC-	9	19	30	8,6	72	32	10	4	☺
MC230-10.0A4BC-	10	22	30	9,5	72	32	10	4	☺
MC230-12.0A4BC-	12	26	36	11,4	83	38	12	4	☺
MC230-14.0A4BC-	14	26	36	13,3	83	38	14	4	☺
MC230-16.0A4BC-	16	32	42	15,2	92	44	16	4	☺
MC230-18.0A4BC-	18	32	42	17,1	92	44	18	4	☺
MC230-20.0A4BC-	20	38	52	19	104	54	20	4	☺



DIN 6535 HB

Designation	h10	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	h5	Z	WK40TF
MC230-02.0W4BC-	2	7	11	1,9	57	21	6	4	☺
MC230-02.5W4BC-	2,5	8	12	2,4	57	21	6	4	☺
MC230-03.0W4BC-	3	8	12	2,9	57	21	6	4	☺
MC230-04.0W4BC-	4	11	15	3,8	57	21	6	4	☺
MC230-05.0W4BC-	5	13	18	4,8	57	21	6	4	☺
MC230-06.0W4BC-	6	13	19	5,7	57	21	6	4	☺
MC230-07.0W4BC-	7	16	25	6,7	63	27	8	4	☺
MC230-08.0W4BC-	8	19	25	7,6	63	27	8	4	☺
MC230-09.0W4BC-	9	19	30	8,6	72	32	10	4	☺
MC230-10.0W4BC-	10	22	30	9,5	72	32	10	4	☺
MC230-12.0W4BC-	12	26	36	11,4	83	38	12	4	☺
MC230-14.0W4BC-	14	26	36	13,3	83	38	14	4	☺
MC230-16.0W4BC-	16	32	42	15,2	92	44	16	4	☺
MC230-18.0W4BC-	18	32	42	17,1	92	44	18	4	☺
MC230-20.0W4BC-	20	38	52	19	104	54	20	4	☺
MC230-25.0W4BC-	25	45	63	23,8	121	65	25	4	☺

Slot milling $a_p \leq 1.0 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WK40TF: MC230-02.0A4BC-WK40TF

WALTER SELECT

●● Primary application ● Other application

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

D1

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

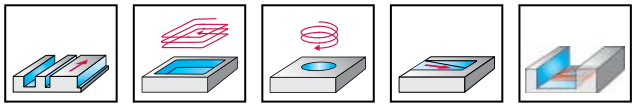
Solid carbide shoulder/slot milling cutters

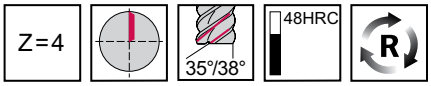
MC230 Advance mm

Xill·tec®



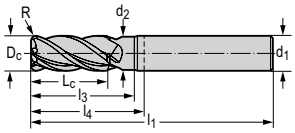

– Long reach





	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

DIN 6527 L



DIN 6535 HA

Designation	h9	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	h5	Z	WK40TF
MC230-02.0A4B020C-	2	0,2	7	11	1,9	57	21	6	4	☺
MC230-03.0A4B030C-	3	0,3	8	12	2,9	57	21	6	4	☺
MC230-03.0A4B050C-	3	0,5	8	12	2,9	57	21	6	4	☺
MC230-04.0A4B020C-	4	0,2	11	15	3,8	57	21	6	4	☺
MC230-04.0A4B050C-	4	0,5	11	15	3,8	57	21	6	4	☺
MC230-05.0A4B050C-	5	0,5	13	18	4,8	57	21	6	4	☺
MC230-05.0A4B100C-	5	1	13	18	4,8	57	21	6	4	☺
MC230-06.0A4B050C-	6	0,5	13	19	5,7	57	21	6	4	☺
MC230-06.0A4B080C-	6	0,8	13	19	5,7	57	21	6	4	☺
MC230-06.0A4B100C-	6	1	13	19	5,7	57	21	6	4	☺
MC230-08.0A4B050C-	8	0,5	19	25	7,6	63	27	8	4	☺
MC230-08.0A4B080C-	8	0,8	19	25	7,6	63	27	8	4	☺
MC230-08.0A4B100C-	8	1	19	25	7,6	63	27	8	4	☺
MC230-08.0A4B150C-	8	1,5	19	25	7,6	63	27	8	4	☺
MC230-08.0A4B200C-	8	2	19	25	7,6	63	27	8	4	☺
MC230-10.0A4B050C-	10	0,5	22	30	9,5	72	32	10	4	☺
MC230-10.0A4B080C-	10	0,8	22	30	9,5	72	32	10	4	☺
MC230-10.0A4B100C-	10	1	22	30	9,5	72	32	10	4	☺
MC230-10.0A4B150C-	10	1,5	22	30	9,5	72	32	10	4	☺
MC230-10.0A4B200C-	10	2	22	30	9,5	72	32	10	4	☺
MC230-12.0A4B050C-	12	0,5	26	36	11,4	83	38	12	4	☺
MC230-12.0A4B080C-	12	0,8	26	36	11,4	83	38	12	4	☺
MC230-12.0A4B100C-	12	1	26	36	11,4	83	38	12	4	☺
MC230-12.0A4B150C-	12	1,5	26	36	11,4	83	38	12	4	☺
MC230-12.0A4B200C-	12	2	26	36	11,4	83	38	12	4	☺
MC230-12.0A4B250C-	12	2,5	26	36	11,4	83	38	12	4	☺
MC230-12.0A4B300C-	12	3	26	36	11,4	83	38	12	4	☺
MC230-16.0A4B050C-	16	0,5	32	42	15,2	92	44	16	4	☺
MC230-16.0A4B100C-	16	1	32	42	15,2	92	44	16	4	☺
MC230-16.0A4B200C-	16	2	32	42	15,2	92	44	16	4	☺
MC230-16.0A4B250C-	16	2,5	32	42	15,2	92	44	16	4	☺
MC230-16.0A4B300C-	16	3	32	42	15,2	92	44	16	4	☺
MC230-16.0A4B400C-	16	4	32	42	15,2	92	44	16	4	☺
MC230-20.0A4B050C-	20	0,5	38	52	19	104	54	20	4	☺
MC230-20.0A4B100C-	20	1	38	52	19	104	54	20	4	☺
MC230-20.0A4B200C-	20	2	38	52	19	104	54	20	4	☺

Slot milling $a_p \leq 1.0 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WK40TF: MC230-02.0A4B020C-WK40TF

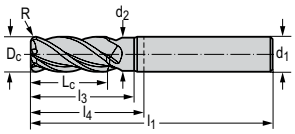
WALTER SELECT

●● Primary application ● Other application

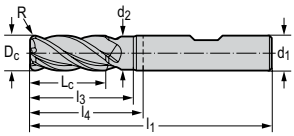
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

DIN 6527 L



DIN 6535 HA



DIN 6535 HB

Designation	h9	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	h5	Z	WK40TF
MC230-20.0A4B250C-	20	2,5	38	52	19	104	54	20	4	●
MC230-20.0A4B300C-	20	3	38	52	19	104	54	20	4	●
MC230-20.0A4B400C-	20	4	38	52	19	104	54	20	4	●
MC230-05.0W4B050C-	5	0,5	13	18	4,8	57	21	6	4	●
MC230-06.0W4B050C-	6	0,5	13	19	5,7	57	21	6	4	●
MC230-06.0W4B080C-	6	0,8	13	19	5,7	57	21	6	4	●
MC230-06.0W4B100C-	6	1	13	19	5,7	57	21	6	4	●
MC230-08.0W4B050C-	8	0,5	19	25	7,6	63	27	8	4	●
MC230-08.0W4B080C-	8	0,8	19	25	7,6	63	27	8	4	●
MC230-08.0W4B100C-	8	1	19	25	7,6	63	27	8	4	●
MC230-08.0W4B150C-	8	1,5	19	25	7,6	63	27	8	4	●
MC230-08.0W4B200C-	8	2	19	25	7,6	63	27	8	4	●
MC230-10.0W4B050C-	10	0,5	22	30	9,5	72	32	10	4	●
MC230-10.0W4B080C-	10	0,8	22	30	9,5	72	32	10	4	●
MC230-10.0W4B100C-	10	1	22	30	9,5	72	32	10	4	●
MC230-10.0W4B150C-	10	1,5	22	30	9,5	72	32	10	4	●
MC230-10.0W4B200C-	10	2	22	30	9,5	72	32	10	4	●
MC230-12.0W4B050C-	12	0,5	26	36	11,4	83	38	12	4	●
MC230-12.0W4B080C-	12	0,8	26	36	11,4	83	38	12	4	●
MC230-12.0W4B100C-	12	1	26	36	11,4	83	38	12	4	●
MC230-12.0W4B150C-	12	1,5	26	36	11,4	83	38	12	4	●
MC230-12.0W4B200C-	12	2	26	36	11,4	83	38	12	4	●
MC230-12.0W4B250C-	12	2,5	26	36	11,4	83	38	12	4	●
MC230-12.0W4B300C-	12	3	26	36	11,4	83	38	12	4	●
MC230-16.0W4B050C-	16	0,5	32	42	15,2	92	44	16	4	●
MC230-16.0W4B100C-	16	1	32	42	15,2	92	44	16	4	●
MC230-16.0W4B200C-	16	2	32	42	15,2	92	44	16	4	●
MC230-16.0W4B250C-	16	2,5	32	42	15,2	92	44	16	4	●
MC230-16.0W4B300C-	16	3	32	42	15,2	92	44	16	4	●
MC230-16.0W4B400C-	16	4	32	42	15,2	92	44	16	4	●
MC230-20.0W4B050C-	20	0,5	38	52	19	104	54	20	4	●
MC230-20.0W4B100C-	20	1	38	52	19	104	54	20	4	●
MC230-20.0W4B200C-	20	2	38	52	19	104	54	20	4	●
MC230-20.0W4B250C-	20	2,5	38	52	19	104	54	20	4	●
MC230-20.0W4B300C-	20	3	38	52	19	104	54	20	4	●
MC230-20.0W4B400C-	20	4	38	52	19	104	54	20	4	●
MC230-25.0W4B100C-	25	1	45	63	23,8	121	65	25	4	●
MC230-25.0W4B200C-	25	2	45	63	23,8	121	65	25	4	●
MC230-25.0W4B300C-	25	3	45	63	23,8	121	65	25	4	●
MC230-25.0W4B400C-	25	4	45	63	23,8	121	65	25	4	●

Slot milling $a_p \leq 1.0 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WK40TF: MC230-02.0A4B020C-WK40TF

D1

WALTER SELECT

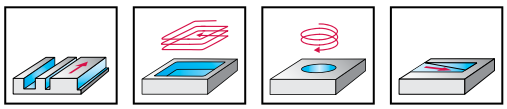
●● Primary application ● Other application
Best tool for → Good = ● → Average = ● → Poor = ● machining conditions

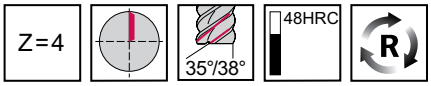
Solid carbide shoulder/slot milling cutters

MC230 Advance mm

Xill·tec®

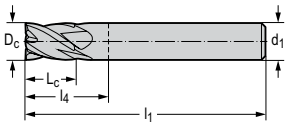






	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

P-NORM S



DIN 6535 HA

Designation	h10	L_c mm	l_1 mm	l_4 mm	h5	Z	WK40TF
★ MC230-02.0A4S-	2	3	39	3	6	4	
★ MC230-03.0A4S-	3	4	39	3	6	4	
★ MC230-04.0A4S-	4	5	39	3	6	4	
★ MC230-05.0A4S-	5	6	39	3	6	4	
★ MC230-06.0A4S-	6	7	39	3	6	4	
★ MC230-08.0A4S-	8	9	44	8	8	4	
★ MC230-10.0A4S-	10	11	51	11	10	4	
★ MC230-12.0A4S-	12	13	56	11	12	4	

Slot milling $a_p \leq 0.8 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WK40TF: MC230-02.0A4S-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

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

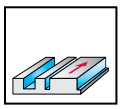
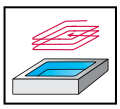
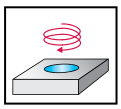
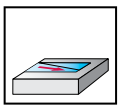
★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MC230 Advance mm

Xill·tec®





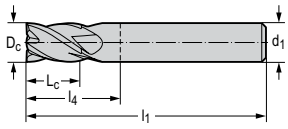






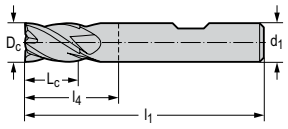

	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

DIN 6527 K



DIN 6535 HA

Designation	h10	L_c mm	l_1 mm	l_4 mm	h5	Z	WK40TF
★ MC230-02.0A4A-	2	4	50	14	6	4	
★ MC230-03.0A4A-	3	5	50	14	6	4	
★ MC230-04.0A4A-	4	8	54	18	6	4	
★ MC230-05.0A4A-	5	9	54	18	6	4	
★ MC230-06.0A4A-	6	10	54	18	6	4	
★ MC230-07.0A4A-	7	11	58	22	8	4	
★ MC230-08.0A4A-	8	12	58	22	8	4	
★ MC230-10.0A4A-	10	14	66	26	10	4	
★ MC230-12.0A4A-	12	16	73	28	12	4	
★ MC230-14.0A4A-	14	18	75	30	14	4	
★ MC230-16.0A4A-	16	22	82	34	16	4	
★ MC230-18.0A4A-	18	24	84	36	18	4	
★ MC230-20.0A4A-	20	26	92	42	20	4	



DIN 6535 HB

Designation	h10	L_c mm	l_1 mm	l_4 mm	h5	Z	WK40TF
★ MC230-02.0W4A-	2	4	50	14	6	4	
★ MC230-03.0W4A-	3	5	50	14	6	4	
★ MC230-04.0W4A-	4	8	54	18	6	4	
★ MC230-05.0W4A-	5	9	54	18	6	4	
★ MC230-06.0W4A-	6	10	54	18	6	4	
★ MC230-08.0W4A-	8	12	58	22	8	4	
★ MC230-10.0W4A-	10	14	66	26	10	4	
★ MC230-12.0W4A-	12	16	73	28	12	4	
★ MC230-14.0W4A-	14	18	75	30	14	4	
★ MC230-16.0W4A-	16	22	82	34	16	4	
★ MC230-20.0W4A-	20	26	92	42	20	4	

Slot milling $a_p \leq 1.0 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WK40TF: MC230-02.0A4A-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

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

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

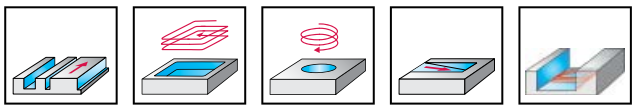
Solid carbide shoulder/slot milling cutters

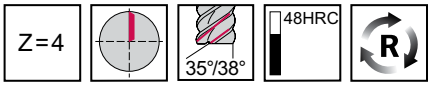
MC230 Advance mm

Xill·tec®



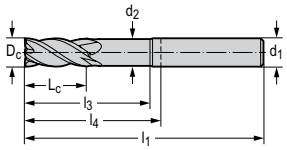
– Long reach



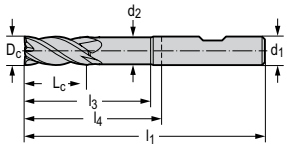


	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

P-NORM L



DIN 6535 HA



DIN 6535 HB

Designation	h10	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	h5	Z	WK40TF
★ MC230-06.0A4LC-	6	13	27	5,7	65	29	6	4	☻
★ MC230-08.0A4LC-	8	19	42	7,6	80	44	8	4	☻
★ MC230-10.0A4LC-	10	22	58	9,5	100	60	10	4	☻
★ MC230-12.0A4LC-	12	26	53	11,4	100	55	12	4	☻
★ MC230-16.0A4LC-	16	32	65	15,2	115	67	16	4	☻
★ MC230-20.0A4LC-	20	38	73	19	125	75	20	4	☻
★ MC230-06.0W4LC-	6	13	27	5,7	65	29	6	4	☻
★ MC230-08.0W4LC-	8	19	42	7,6	80	44	8	4	☻
★ MC230-10.0W4LC-	10	22	58	9,5	100	60	10	4	☻
★ MC230-12.0W4LC-	12	26	53	11,4	100	55	12	4	☻
★ MC230-16.0W4LC-	16	32	65	15,2	115	67	16	4	☻
★ MC230-20.0W4LC-	20	38	73	19	125	75	20	4	☻

Slot milling $a_p \leq 1.0 \times D_c$
Shoulder milling $a_e \leq 0.3 \times D_c$
Ordering example for the grade WK40TF: MC230-06.0A4LC-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

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

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

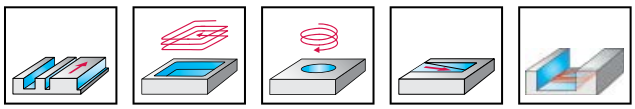
Solid carbide shoulder/slot milling cutters

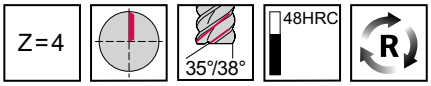
MC230 Advance mm

Xill·tec®



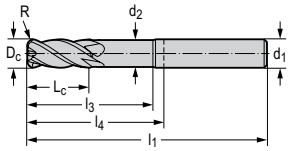
– Long reach





	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

P-NORM L



DIN 6535 HA

Designation	h9	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	h5	Z	WK40TF
★ MC230-06.0A4L050C-	6	0,5	13	27	5,7	65	29	6	4	
★ MC230-06.0A4L100C-	6	1	13	27	5,7	65	29	6	4	
★ MC230-08.0A4L050C-	8	0,5	19	42	7,6	80	44	8	4	
★ MC230-08.0A4L100C-	8	1	19	42	7,6	80	44	8	4	
★ MC230-08.0A4L200C-	8	2	19	42	7,6	80	44	8	4	
★ MC230-10.0A4L050C-	10	0,5	22	58	9,5	100	60	10	4	
★ MC230-10.0A4L100C-	10	1	22	58	9,5	100	60	10	4	
★ MC230-10.0A4L200C-	10	2	22	58	9,5	100	60	10	4	
★ MC230-12.0A4L050C-	12	0,5	26	53	11,4	100	55	12	4	
★ MC230-12.0A4L100C-	12	1	26	53	11,4	100	55	12	4	
★ MC230-12.0A4L200C-	12	2	26	53	11,4	100	55	12	4	
★ MC230-12.0A4L300C-	12	3	26	53	11,4	100	55	12	4	
★ MC230-16.0A4L100C-	16	1	32	65	15,2	115	67	16	4	
★ MC230-16.0A4L200C-	16	2	32	65	15,2	115	67	16	4	
★ MC230-16.0A4L400C-	16	4	32	65	15,2	115	67	16	4	
★ MC230-20.0A4L100C-	20	1	38	73	19	125	75	20	4	
★ MC230-20.0A4L200C-	20	2	38	73	19	125	75	20	4	
★ MC230-20.0A4L400C-	20	4	38	73	19	125	75	20	4	

Slot milling $a_p \leq 1.0 \times D_c$
Shoulder milling $a_e \leq 0.3 \times D_c$
Ordering example for the grade WK40TF: MC230-06.0A4L050C-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

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

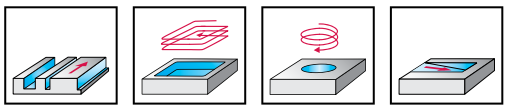
New addition to the product range = ☺ 😐 ☹ / ★

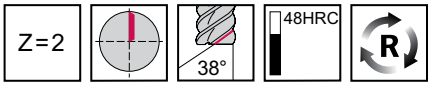
Solid carbide shoulder/slot milling cutters

MC230 Advance mm

Xill·tec®

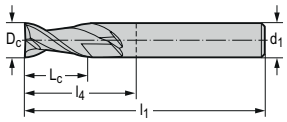






	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

DIN 6527 L



DIN 6535 HA

Designation	h10	L_c mm	l_1 mm	l_4 mm	h5	Z	WK40TF
★ MC230-02.0A2B-	2	6	57	21	6	2	
★ MC230-02.5A2B-	2,5	7	57	21	6	2	
★ MC230-03.0A2B-	3	7	57	21	6	2	
★ MC230-03.5A2B-	3,5	7	57	21	6	2	
★ MC230-04.0A2B-	4	8	57	21	6	2	
★ MC230-04.5A2B-	4,5	8	57	21	6	2	
★ MC230-05.0A2B-	5	10	57	21	6	2	
★ MC230-06.0A2B-	6	10	57	21	6	2	
★ MC230-07.0A2B-	7	13	63	27	8	2	
★ MC230-08.0A2B-	8	16	63	27	8	2	
★ MC230-09.0A2B-	9	16	72	32	10	2	
★ MC230-10.0A2B-	10	19	72	32	10	2	
★ MC230-11.0A2B-	11	22	83	38	12	2	
★ MC230-12.0A2B-	12	22	83	38	12	2	
★ MC230-14.0A2B-	14	22	83	38	14	2	
★ MC230-16.0A2B-	16	26	92	44	16	2	
★ MC230-18.0A2B-	18	26	92	44	18	2	
★ MC230-20.0A2B-	20	32	104	54	20	2	

Slot milling $a_p \leq 1.0 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WK40TF: MC230-02.0A2B-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

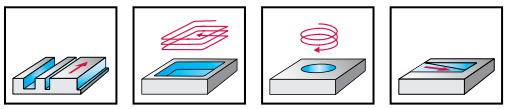
Best tool for → Good = → Average = → Poor = machining conditions

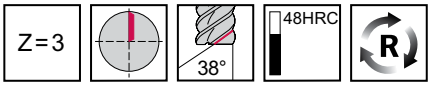
Solid carbide shoulder/slot milling cutters

MC230 Advance mm

Xill·tec®

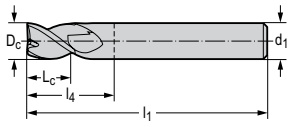






	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

P-NORM S



DIN 6535 HA

Designation	h10	L_c mm	l_1 mm	l_4 mm	h5	Z	WK40TF
★ MC230-02.0A3S-	2	3	39	3	6	3	
★ MC230-03.0A3S-	3	4	39	3	6	3	
★ MC230-04.0A3S-	4	5	39	3	6	3	
★ MC230-05.0A3S-	5	6	39	3	6	3	
★ MC230-06.0A3S-	6	7	39	3	6	3	
★ MC230-08.0A3S-	8	9	44	8	8	3	
★ MC230-10.0A3S-	10	11	51	11	10	3	
★ MC230-12.0A3S-	12	13	56	11	12	3	

Slot milling $a_p \leq 0.8 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WK40TF: MC230-02.0A3S-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

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

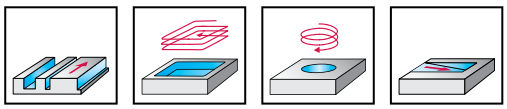
New addition to the product range = / ★

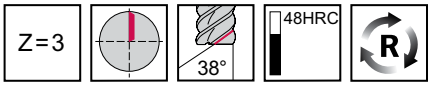
Solid carbide shoulder/slot milling cutters

MC230 Advance mm

Xill·tec®

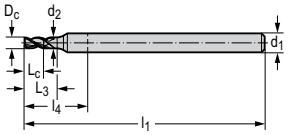






	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

DIN 6527 L



DIN 6535 HA

Designation	h10	L_c mm	l_1 mm	l_4 mm	h5	Z	WK40TF
★ MC230-02.0A3B-	2	6	57	21	6	3	
★ MC230-02.5A3B-	2,5	7	57	21	6	3	
★ MC230-03.0A3B-	3	7	57	21	6	3	
★ MC230-03.5A3B-	3,5	7	57	21	6	3	
★ MC230-04.0A3B-	4	8	57	21	6	3	
★ MC230-04.5A3B-	4,5	8	57	21	6	3	
★ MC230-05.0A3B-	5	10	57	21	6	3	
★ MC230-05.5A3B-	5,5	10	57	21	6	3	
★ MC230-06.0A3B-	6	10	57	21	6	3	
★ MC230-06.5A3B-	6,5	13	63	27	8	3	
★ MC230-07.0A3B-	7	13	63	27	8	3	
★ MC230-07.5A3B-	7,5	16	63	27	8	3	
★ MC230-08.0A3B-	8	16	63	27	8	3	
★ MC230-09.0A3B-	9	16	72	32	10	3	
★ MC230-10.0A3B-	10	19	72	32	10	3	
★ MC230-11.0A3B-	11	22	83	38	12	3	
★ MC230-12.0A3B-	12	22	83	38	12	3	
★ MC230-13.0A3B-	13	22	83	38	14	3	
★ MC230-14.0A3B-	14	22	83	38	14	3	
★ MC230-15.0A3B-	15	26	92	44	16	3	
★ MC230-16.0A3B-	16	26	92	44	16	3	
★ MC230-18.0A3B-	18	26	92	44	18	3	
★ MC230-20.0A3B-	20	32	104	54	20	3	

Slot milling $a_p \leq 0.8 \times D_c$
Slot milling $a_p \leq 1.0 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WK40TF: MC230-02.0A3B-WK40TF

D1

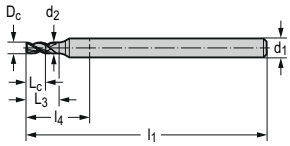
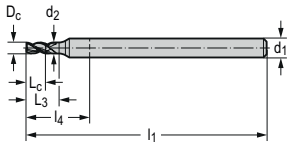
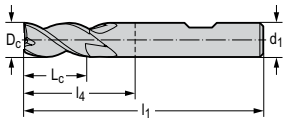
WALTER SELECT

●● Primary application ● Other application

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

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

DIN 6527 L

Designation	h10	L_c mm	l_1 mm	l_4 mm	h5	Z	WK40TF
 DIN 6535 HA							
★ MC230-01.0A3BJ-	1	3	38	10	3	3	
★ MC230-01.1A3BJ-	1,1	3	38	10	3	3	
★ MC230-01.2A3BJ-	1,2	3	38	10	3	3	
★ MC230-01.3A3BJ-	1,3	3	38	10	3	3	
★ MC230-01.4A3BJ-	1,4	3	38	10	3	3	
★ MC230-01.5A3BJ-	1,5	3	38	10	3	3	
★ MC230-01.6A3BJ-	1,6	3	38	10	3	3	
★ MC230-01.7A3BJ-	1,7	3	38	10	3	3	
★ MC230-01.8A3BJ-	1,8	3	38	10	3	3	
★ MC230-01.9A3BJ-	1,9	3	38	10	3	3	
★ MC230-02.0A3BJ-	2	3	38	10	3	3	
★ MC230-02.1A3BJ-	2,1	3	38	10	3	3	
★ MC230-02.2A3BJ-	2,2	3	38	10	3	3	
 DIN 6535 HA							
★ MC230-02.3A3BJ-	2,3	3	38	10	3	3	
★ MC230-02.4A3BJ-	2,4	3	38	10	3	3	
★ MC230-02.5A3BJ-	2,5	3	38	10	3	3	
★ MC230-02.6A3BJ-	2,6	3	38	10	3	3	
★ MC230-02.7A3BJ-	2,7	3	38	10	3	3	
★ MC230-02.8A3BJ-	2,8	3	38	10	3	3	
★ MC230-02.9A3BJ-	2,9	3	38	10	3	3	
★ MC230-03.0A3BJ-	3	3	38	10	3	3	
 DIN 6535 HB							
★ MC230-01.0W3B-	1	3	57	21	6	3	
★ MC230-01.5W3B-	1,5	3	57	21	6	3	
★ MC230-02.0W3B-	2	6	57	21	6	3	
★ MC230-02.5W3B-	2,5	7	57	21	6	3	
★ MC230-03.0W3B-	3	7	57	21	6	3	
★ MC230-03.5W3B-	3,5	7	57	21	6	3	
★ MC230-04.0W3B-	4	8	57	21	6	3	
★ MC230-04.5W3B-	4,5	8	57	21	6	3	
★ MC230-05.0W3B-	5	10	57	21	6	3	
★ MC230-05.5W3B-	5,5	10	57	21	6	3	
★ MC230-06.0W3B-	6	10	57	21	6	3	
★ MC230-08.0W3B-	8	16	63	27	8	3	
★ MC230-09.0W3B-	9	16	72	32	10	3	
★ MC230-10.0W3B-	10	19	72	32	10	3	
★ MC230-12.0W3B-	12	22	83	38	12	3	
★ MC230-14.0W3B-	14	22	83	38	14	3	
★ MC230-16.0W3B-	16	26	92	44	16	3	
★ MC230-20.0W3B-	20	32	104	54	20	3	

Slot milling $a_p \leq 0.8 \times D_c$
Slot milling $a_p \leq 1.0 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WK40TF: MC230-02.0A3B-WK40TF

D1

WALTER SELECT

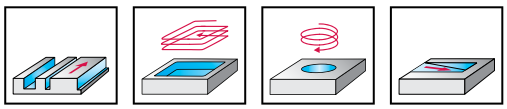
●● Primary application ● Other application
Best tool for → Good = → Average = → Poor = machining conditions

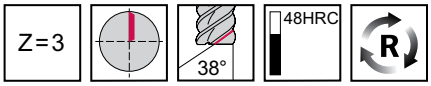
Solid carbide shoulder/slot milling cutters

MC230 Advance mm

Xill·tec®

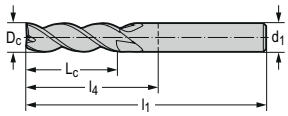






	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

P-NORM L



DIN 6535 HA

Designation	h10	L_c mm	l_1 mm	l_4 mm	h5	Z	WK40TF
★ MC230-01.0A3L-	1	4	38	10	3	3	☺
★ MC230-01.5A3L-	1,5	6	38	10	3	3	☺
★ MC230-02.0A3L-	2	8	38	10	3	3	☺
★ MC230-03.0A3L-	3	12	38	10	3	3	☺
★ MC230-04.0A3L-	4	14	50	22	4	3	☺
★ MC230-05.0A3L-	5	16	57	21	6	3	☺
★ MC230-06.0A3L-	6	22	65	29	6	3	☺
★ MC230-08.0A3L-	8	28	80	44	8	3	☺
★ MC230-10.0A3L-	10	32	100	60	10	3	☺
★ MC230-12.0A3L-	12	38	100	55	12	3	☺
★ MC230-16.0A3L-	16	50	115	67	16	3	☺
★ MC230-20.0A3L-	20	50	125	75	20	3	☺

Slot milling $a_p \leq 1.0 \times D_c$
Shoulder milling $a_e \leq 0.3 \times D_c$
Ordering example for the grade WK40TF: MC230-01.0A3L-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

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

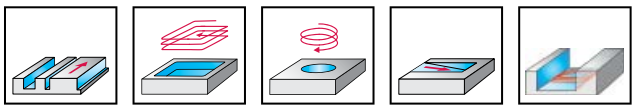
☺ 😐 ☹ / ★ = New addition to the product range

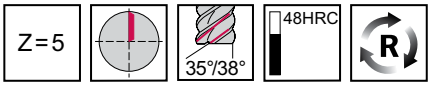
Solid carbide shoulder/slot milling cutters

MC230 Advance mm

Xill·tec®

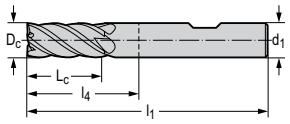






	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

DIN 6527 L



DIN 6535 HB

Designation	h10	L_c mm	l_1 mm	l_4 mm	h5	Z	WK40TF
★ MC230-06.0W5B-	6	13	57	21	6	5	
★ MC230-08.0W5B-	8	19	63	27	8	5	
★ MC230-10.0W5B-	10	22	72	32	10	5	
★ MC230-12.0W5B-	12	26	83	38	12	5	
★ MC230-16.0W5B-	16	32	92	44	16	5	
★ MC230-20.0W5B-	20	38	104	54	20	5	

Slot milling $a_p \leq 1.0 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WK40TF: MC230-06.0W5B-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

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

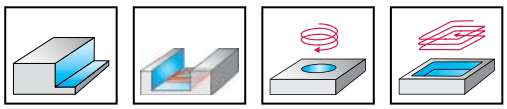
New addition to the product range = ☺ 😐 ☹ / ★

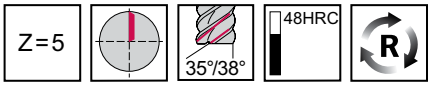
Solid carbide shoulder/slot milling cutters

MC230 Advance mm

Xill·tec®

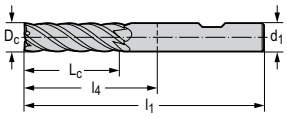






	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

P-NORM L



DIN 6535 HB

Designation	h10	L_c mm	l_1 mm	l_4 mm	h5	Z	WK40TF
★ MC230-06.0W5L-	6	22	65	29	6	5	☺
★ MC230-08.0W5L-	8	28	80	44	8	5	☺
★ MC230-10.0W5L-	10	32	100	60	10	5	☺
★ MC230-12.0W5L-	12	40	100	55	12	5	☺

Shoulder milling $a_e \leq 0.3 \times D_c$
Ordering example for the grade WK40TF: MC230-06.0W5L-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

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

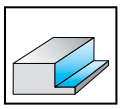
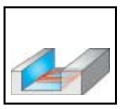
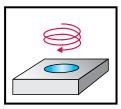
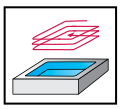
☺ 😐 ☹ / ★ = New addition to the product range

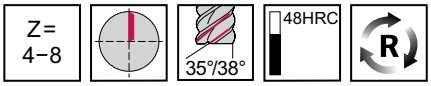
Solid carbide shoulder/slot milling cutters

MC230 Advance mm

Xill·tec®

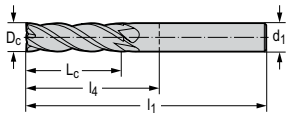




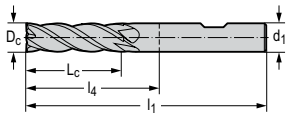
	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

P-NORM L



DIN 6535 HA

Designation	h10	L_c mm	l_1 mm	l_4 mm	h5	Z	WK40TF
★ MC230-06.0A4L-	6	22	65	29	6	4	
★ MC230-08.0A4L-	8	28	80	44	8	4	
★ MC230-10.0A4L-	10	32	100	60	10	4	
★ MC230-12.0A4L-	12	40	100	55	12	4	
★ MC230-14.0A4L-	14	50	104	59	14	4	
★ MC230-16.0A5L-	16	50	115	67	16	5	
★ MC230-20.0A5L-	20	55	125	75	20	5	
★ MC230-20.0A6LJ-	20	75	145	95	20	6	
★ MC230-25.0A8LJ-	25	90	153	97	25	8	



DIN 6535 HB

Designation	h10	L_c mm	l_1 mm	l_4 mm	h5	Z	WK40TF
★ MC230-06.0W4L-	6	22	65	29	6	4	
★ MC230-08.0W4L-	8	28	80	44	8	4	
★ MC230-10.0W4L-	10	32	100	60	10	4	
★ MC230-12.0W4L-	12	40	100	55	12	4	
★ MC230-14.0W4L-	14	50	104	59	14	4	
★ MC230-16.0W5L-	16	50	115	67	16	5	
★ MC230-20.0W5L-	20	55	125	75	20	5	
★ MC230-20.0W6LJ-	20	75	145	95	20	6	
★ MC230-25.0W8LJ-	25	90	153	97	25	8	

Shoulder milling $a_e \leq 0.3 \times D_c$
Ordering example for the grade WK40TF: MC230-06.0A4L-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

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

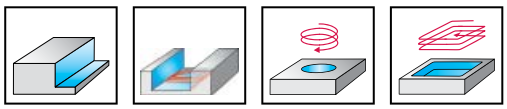
New addition to the product range = ☺ 😐 ☹ / ★

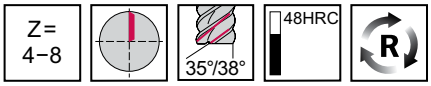
Solid carbide shoulder/slot milling cutters

MC230 Advance mm

Xill·tec®

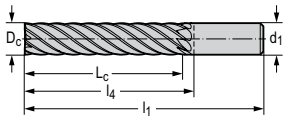




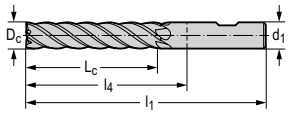


	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

P-NORM XL



DIN 6535 HA



DIN 6535 HB

Designation	h10	L_c mm	l_1 mm	l_4 mm	h5	Z	WK40TF
★ MC230-06.0A4XL-	6	30	80	44	6	4	☻
★ MC230-08.0A4XL-	8	40	97	61	8	4	☻
★ MC230-10.0A4XL-	10	50	118	78	10	4	☻
★ MC230-12.0A4XL-	12	60	120	75	12	4	☻
★ MC230-16.0A5XK-	16	65	130	82	16	5	☻
★ MC230-16.0A5XL-	16	80	145	97	16	5	☻
★ MC230-20.0A6XL-	20	100	170	120	20	6	☻
★ MC230-25.0A8XL-	25	125	188	132	25	8	☻
★ MC230-04.0W4XL-	4	20	65	29	6	4	☻
★ MC230-05.0W4XL-	5	25	65	29	6	4	☻
★ MC230-06.0W4XL-	6	30	80	44	6	4	☻
★ MC230-08.0W4XL-	8	40	97	61	8	4	☻
★ MC230-10.0W4XL-	10	50	118	78	10	4	☻
★ MC230-12.0W4XL-	12	60	120	75	12	4	☻
★ MC230-14.0W4XL-	14	70	124	79	14	4	☻
★ MC230-16.0W5XK-	16	65	130	82	16	5	☻
★ MC230-16.0W5XL-	16	80	145	97	16	5	☻
★ MC230-18.0W5XL-	18	90	155	107	18	5	☻
★ MC230-20.0W6XL-	20	100	170	120	20	6	☻
★ MC230-25.0W8XL-	25	125	188	132	25	8	☻

Shoulder milling $a_e \leq 0.1 \times D_c$
Ordering example for the grade WK40TF: MC230-06.0A4XL-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

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

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

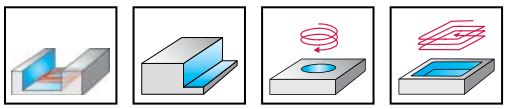
Solid carbide shoulder milling cutters

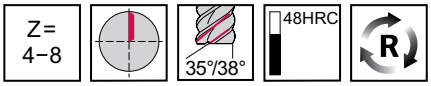
MC233 Advance mm

Xill·tec®



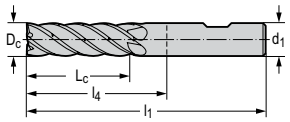
– Chip breaker





	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

P-NORM L



DIN 6535 HB

Designation	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
★ MC233-08.0W4L-	8	28	80	44	8	4	
★ MC233-10.0W4L-	10	32	100	60	10	4	
★ MC233-12.0W4L-	12	40	100	55	12	4	
★ MC233-16.0W5L-	16	50	115	67	16	5	
★ MC233-20.0W5L-	20	55	125	75	20	5	
★ MC233-25.0W8LJ-	25	90	153	97	25	8	

Shoulder milling $a_e \leq 0.3 \times D_c$
Ordering example for the grade WK40TF: MC233-08.0W4L-WK40TF

D1

WALTER SELECT

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

New addition to the product range = / ★

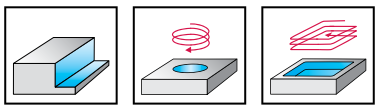
Solid carbide shoulder milling cutters

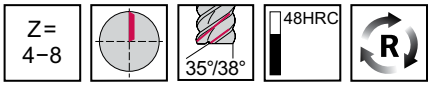
MC233 Advance mm

Xill·tec®



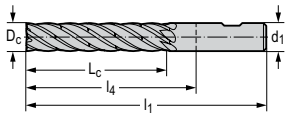
– Chip breaker





	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

P-NORM XL



DIN 6535 HB

Designation	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
★ MC233-08.0W4XL-	8	40	97	61	8	4	
★ MC233-10.0W4XL-	10	50	118	78	10	4	
★ MC233-12.0W4XL-	12	60	120	75	12	4	
★ MC233-16.0W5XL-	16	80	145	97	16	5	
★ MC233-20.0W6XL-	20	100	170	120	20	6	
★ MC233-25.0W8XL-	25	125	188	132	25	8	

Shoulder milling $a_e \leq 0.1 \times D_c$
Ordering example for the grade WK40TF: MC233-08.0W4XL-WK40TF

D1

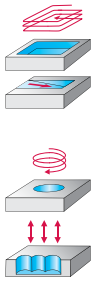
WALTER SELECT

●● Primary application ● Other application

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

★ = New addition to the product range

High-feed milling cutters





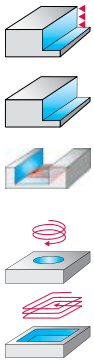
Designation	MC025 Advance	Protostar® Flash	MD025	MD025	Protostar® Flash
Diameter range	10–25,4	10–16	10–25	10–25	10–25
Number of teeth	4	3	5–6	5–6	4–5
Corner radius	1,5–3,18	1,5–2	1,5–3	1,5–3	1,5–3
Diameter range	0,375–0,750	—	0,375–1,000	0,375–1,000	—
Number of teeth	4		5–6	5–6	
Corner radius	0,060–0,080		0,060–0,125	0,060–0,125	
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Shank	ConeFit	ConeFit	ConeFit	ConeFit	ConeFit
P Steel	●●	●●	●●		
M Stainless steel	●	●		●●	●●
K Cast iron	●	●	●		
N NF metals				●	
S Materials with difficult cutting properties	●	●		●●	●
H Hard materials					
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	MC025	protostar-flash	MD025	MD025	protostar-flash

WALTER SELECT

●● Primary application ● Other application

D1

Shoulder milling cutters



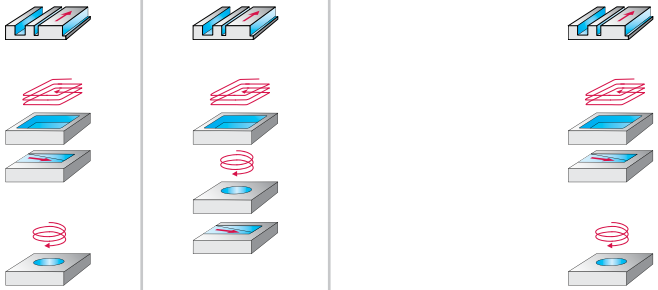


Designation	MC128	MD128	MD128
Diameter range	10–25	10–25	10–25
Number of teeth	6–8	6–8	6–8
Corner radius	0,5–4	0,5–4	0,5–4
Diameter range	—	—	—
Number of teeth			
Corner radius			
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM
Shank	ConeFit	ConeFit	ConeFit
P Steel	●●	●●	
M Stainless steel	●		●●
K Cast iron	●	●	
N NF metals			
S Materials with difficult cutting properties	●		●●
H Hard materials			
O Other			
Page in catalogue			
QR code			
www.walter-tools.com/woc/	MC128	MD128	MD128

WALTER SELECT ●● Primary application ● Other application

D1

Shoulder/slot milling cutters





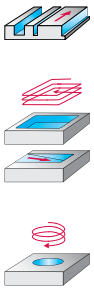
Designation	MC326	MC320	Proto·max™ST	Protostar®	Proto·max™Inox
Diameter range	10–25	10–25	10–20	10–25	10–25
Number of teeth	4–5	4–8	4	3	4–5
Corner radius	0,5–4	0,35–0,4	0,5–4		0,5–4
Diameter range	0,375–1,000	—	—	—	—
Number of teeth	4–5				
Corner radius	0,015–0,125				
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Shank	ConeFit	ConeFit	ConeFit	ConeFit	ConeFit
P Steel	●●	●●	●●	●●	
M Stainless steel	●	●			●●
K Cast iron	●	●	●	●	
N NF metals					
S Materials with difficult cutting properties	●	●			●
H Hard materials					
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	MC326	MC320	protomax-st	protostar	protomax-inox

WALTER SELECT

●● Primary application ● Other application

D1

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
Shank	ConeFit
P Steel	
M Stainless steel	
K Cast iron	
N NF metals	●●
S Materials with difficult cutting properties	
H Hard materials	
O Other	
Page in catalogue	
QR code	
www.walter-tools.com/woc/	protostar

D1

WALTER SELECT

●● Primary application ● Other application

Copy milling cutters





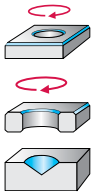
Designation	Protostar®
Diameter range	10–25
Number of teeth	2–4
Corner radius	5–12,5
Diameter range	0,375–1,000
Number of teeth	4
Corner radius	0,187–0,500
Standard	PWZ-NORM
Shank	ConeFit
P Steel	●●
M Stainless steel	●●
K Cast iron	●
N NF metals	●
S Materials with difficult cutting properties	
H Hard materials	
O Other	
Page in catalogue	
QR code	
www.walter-tools.com/woc/	protostar

D1

WALTER SELECT

●● Primary application ● Other application

Profiling cutters





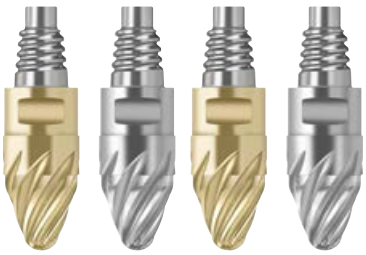
Designation	Protostar®
Diameter range	10–20
Number of teeth	2–8
Corner radius	
Diameter range	0,500–0,625
Number of teeth	6–8
Corner radius	
Standard	PWZ-NORM
Shank	ConeFit
P Steel	●●
M Stainless steel	●
K Cast iron	●
N NF metals	●
S Materials with difficult cutting properties	●
H Hard materials	
O Other	
Page in catalogue	
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www.walter-tools.com/woc/	protostar

WALTER SELECT

●● Primary application ● Other application

Circle segment milling cutters





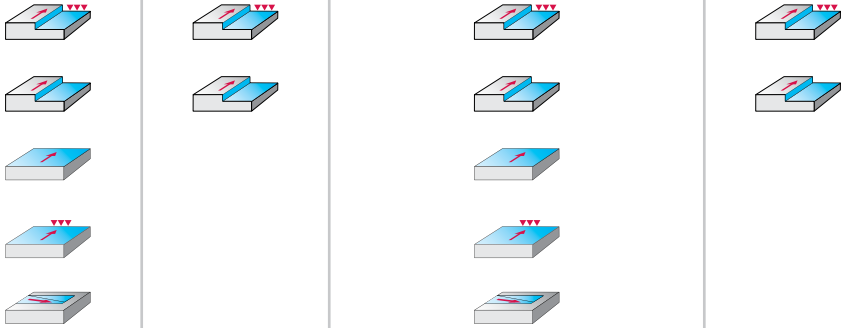
Designation	MD838	MD838
Diameter range	16	16
Number of teeth	8	8
Corner radius	2–4	2–4
Diameter range	—	—
Number of teeth		
Corner radius		
Standard	PWZ-NORM	PWZ-NORM
Shank	ConeFit	ConeFit
P Steel	●●	
M Stainless steel		●●
K Cast iron	●	
N NF metals		●
S Materials with difficult cutting properties		●●
H Hard materials		
O Other		
Page in catalogue		
QR code		
www.walter-tools.com/woc/	MD838	MD838

WALTER SELECT

●● Primary application ● Other application

D1

Shoulder milling cutters





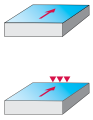
Designation					
Diameter range	40–63	32–40	50–80	40–63	25–40
Number of teeth	6	4–6	6–8	6	4–6
Corner radius					
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard					
Shank	Modular NCT adaptor	DIN 1835 B	Shell mill mount DIN 138 transverse keyway	Modular NCT adaptor	DIN 1835 B
P Steel	●●	●●	●●		
M Stainless steel					
K Cast iron				●●	●●
N NF metals					
S Materials with difficult cutting properties					
H Hard materials					
O Other					
Page in catalogue					
QR code					
www.walter-tools.com/woc/	F1682	F1678		F1682	F1678

WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters













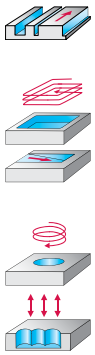
Designation		MP260	MP160	MP060
Diameter range	50–80	4–20	16–40	40,6–125,6
Number of teeth	6–8	2–3	3–4	10–22
Corner radius		0,1–0,2	0,2	—
Diameter range	—	—	—	—
Number of teeth				
Corner radius				
Standard				
Shank	Shell mill mount DIN 138 transverse keyway	ScrewFit DIN 6535 HA	ScrewFit DIN 6535 HA	Shell mill mount DIN 138 transverse keyway
P Steel				
M Stainless steel				
K Cast iron	●●			
N NF metals		●●	●●	●●
S Materials with difficult cutting properties				
H Hard materials				
O Other		●	●	●
Page in catalogue				
QR code				
www.walter-tools.com/woc/		MP260	MP160	MP060

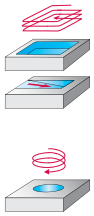
WALTER SELECT

●● Primary application ● Other application

D1

Brazed milling tools







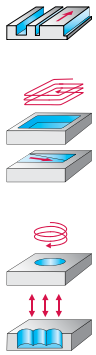


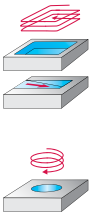
Designation	MC275	MC075
Diameter range	8–12	8–12
Number of teeth	4–6	4
Corner radius	1	1–1,5
Diameter range	—	—
Number of teeth		
Corner radius		
Standard	PWZ-NORM	PWZ-NORM
Shank	DIN 6535 HA	DIN 6535 HA
P Steel		
M Stainless steel		
K Cast iron		
N NF metals		
S Materials with difficult cutting properties	●●	●●
H Hard materials		
O Other		
Page in catalogue		
QR code		
www.walter-tools.com/woc/	MC275	MC075

D1

WALTER SELECT ●● Primary application ● Other application

Brazed milling tools









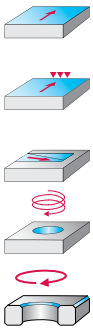
Designation	MC275	MC075
Diameter range	12–25	16–25
Number of teeth	4–8	4
Corner radius	1–1,5	2–3
Diameter range	—	—
Number of teeth		
Corner radius		
Standard	PWZ-NORM	PWZ-NORM
Shank	ConeFit	ConeFit
P Steel		
M Stainless steel		
K Cast iron		
N NF metals		
S Materials with difficult cutting properties	●●	●●
H Hard materials		
O Other		
Page in catalogue		
QR code		
www.walter-tools.com/woc/	MC275	MC075

WALTER SELECT

●● Primary application ● Other application

D1

Face milling cutters

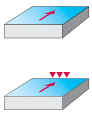
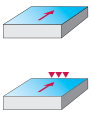
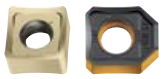
Machining								
Lead angle κ	**42°**		**42°**		**43°**		**43°**	
								
Designation	**M2026**		**M2025**		**M5004 Xtra·tec® XT**		**F2010**	
Diameter range	208,47–258,47	—	88,47–168,47	—	32–170	*1,250–6,394*	90–325	—
Boring bar/adaptor type								
DIN 1835 B								
Shell mill mount DIN 138	✔		✔		✔	✔	✔	
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								
	ONHF0504...P45424...		ONHF0504...P45424...		OD...ODHX...		OD..0605...	
Number of cutting edges	16 / 4		16 / 4		8 / 1		8	
Max. depth of cut	3		3		3 - 4		4	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	M2026		M2025		M5004		F2010	

D2

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	*1,911–6,551*	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								
Shell mill mount DIN 138	✔	✔	✔	✔	✔	✔	✔	
ScrewFit	✔							
Cylindrical shank			✔	✔				
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●			
M Stainless steel	●●		●●		●●			
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●					
S Materials with difficult cutting properties	●●		●●		●●			
H Hard materials	●		●				●	
O Other	●		●					
Indexable inserts								
	SN.X…XNGX…ANN…		SD…SDHX…		XN.U0705…XNGX0705…		XN.F0705…XN.X0705…	
Number of cutting edges	8 / 2		4 / 1		14 / 2		14 / 2	
Max. depth of cut	5 - 6		4,5 - 6,5		4 - 6		4 - 6	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	M5009		M4003		M3024		F4045	

WALTER SELECT

●● Primary application ● Other application

D2

Face milling cutters

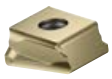
Machining								
Lead angle κ	**45°**		**45°**		**45°**		**45°**	
								
Designation	**F2010**		**F2010**		**F2010**		**F2010**	
Diameter range	90–325	—	94–329	—	94–329	—	90–325	—
Boring bar/adaptor type								
DIN 1835 B								
Shell mill mount DIN 138	✔		✔		✔		✔	
ScrewFit								
Cylindrical shank								
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								
	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	

D2

WALTER SELECT

●● Primary application ● Other application

Face milling cutters

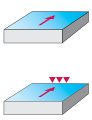
Machining								
Lead angle κ	**60°**		**60°**		**75°**		**88°**	
								
Designation	**M3016 Walter BLAXX**		**F2260**		**M5011 Xtra·tec® XT**		**M5012 Xtra·tec® XT**	
Diameter range	143,6–333,6	—	113–263	—	55,5–165,5	—	40–160	—
Boring bar/adaptor type								
DIN 1835 B								
Shell mill mount DIN 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								
	LNMX2010…		LNMU1508…		SN.X1205…XNGX1205ENN…		SN.X…XNGX….ZNN…	
Number of cutting edges	4		4		8 / 2		8 / 2	
Max. depth of cut	16		11		8		8 - 10	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	M3016		F2260		M5011		M5012	

WALTER SELECT

●● Primary application ● Other application

D2

Face milling cutters

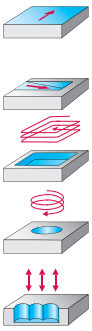
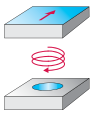
Machining				
Lead angle κ	**90°**		**90°**	
				
Designation	**F2250**		**F2010**	
Diameter range	63–100	—	80–315	—
Boring bar/adaptor type				
DIN 1835 B				
Shell mill mount DIN 138	✔		✔	
ScrewFit				
Cylindrical shank				
Cylindrical modular				
Steep taper				
HSK				
NCT				
P Steel			●●	
M Stainless steel			●	
K Cast iron			●●	
N NF metals	●●			
S Materials with difficult cutting properties				
H Hard materials			●	
O Other				
Indexable inserts				
	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	

D2

WALTER SELECT

●● Primary application ● Other application

High-feed milling cutters

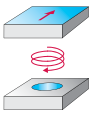
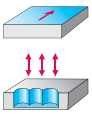
Machining								
Lead angle κ	**15°**		**15°**		**15°**		**15°**	
								
Designation	**M5008 Xtra·tec® XT**		**M4002**		**F2330**		**F2010**	
Diameter range	16–66	*0,625–2,500*	20–125	*0,750–4,000*	20–85	*0,750–4,000*	93–328	—
Boring bar/adaptor type								
DIN 1835 B						✔		
Shell mill mount DIN 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								
	EN.X08T3...		SD...SD.X...		P263...		SD..1204...	
Number of cutting edges	4		4 / 4		3		4	
Max. depth of cut	1		1 - 2		1 - 2		2	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	M5008		M4002		F2330		F2010	

WALTER SELECT

●● Primary application ● Other application

D2

High-feed milling cutters

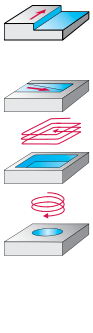
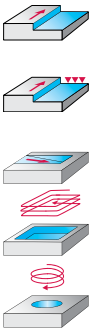
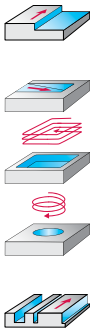
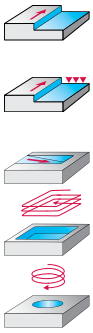
Machining				
Lead angle κ	**15°**		**21°**	
				
Designation	**F2010**		**F4030 Xtra·tec®**	
Diameter range	87–322,15	—	25–100	*1,000–4,000*
Boring bar/adaptor type				
DIN 1835 B				✔
Shell mill mount DIN 138	✔		✔	✔
ScrewFit			✔	✔
Cylindrical shank			✔	✔
Cylindrical modular				
Steep taper				
HSK				
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				
	P263...		P23696...	
Number of cutting edges	3		6	
Max. depth of cut	2		1 - 2	
Page in catalogue				
QR code				
www.walter-tools.com/woc/	F2010		F4030	

D 2

WALTER SELECT

●● Primary application ● Other application

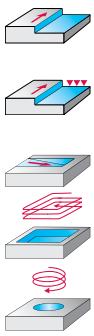
Shoulder milling cutters

Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**M5137 Xtra·tec® XT**		**M5130 Xtra·tec® XT**		**M4130**		**M2331**	
Diameter range	25–100	*1,000–4,000*	10–160	*0,500–6,000*	16–80	—	40–50	—
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								
	TNMU…		AC… / BC…BCGX…		LD…		ZDGT..A…	
Number of cutting edges	6		2 / 2		2		2	
Max. depth of cut	5 - 8		5 - 15		8 - 16		15 - 20	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	M5137		M5130		M4130		M2331	

WALTER SELECT ●● Primary application ● Other application

D2

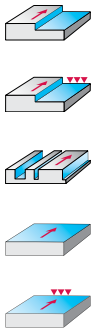
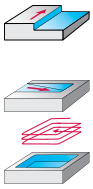
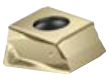
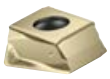
Shoulder milling cutters

Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**M2136**		**M2131**		**F5241 Walter BLAXX**		**F5141 Walter BLAXX**	
Diameter range	50–160	—	25–80	*1,000–3,000*	50–160	—	40–160	*1,500–6,000*
Boring bar/adaptor type								
DIN 1835 B							✔	✔
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								
	SNEF1204…SNEX1204…		ZDGT…		LN.U1607…		LN.U1306…LNHX1306…	
Number of cutting edges	8 / 4		2		4		4 / 4	
Max. depth of cut	6,5		15 - 20		15		12	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	M2136		M2131		F5241		F5141	

D2

WALTER SELECT ●● Primary application ● Other application

Shoulder milling cutters

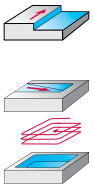
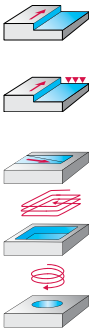
Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**F5138 Walter BLAXX**		**F5041 Walter BLAXX**		**F5038 Walter BLAXX**		**F4338 Xtra·tec®**	
Diameter range	40–80	*1,500–2,500*	25–63	*1,000–2,000*	25–40	—	63–80	—
Boring bar/adaptor type								
DIN 1835 B		✔	✔	✔	✔			
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								
	LN.U1306…		LN.U0904…LNHX0904…		LN.U0904…		AD..1807…	
Number of cutting edges	4		4 / 4		4		2	
Max. depth of cut	34 - 56		8		32 - 40		47 - 78	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	F5138		F5041		F5038		F4338	

WALTER SELECT

●● Primary application ● Other application

D2

Shoulder milling cutters

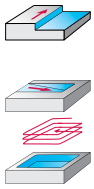
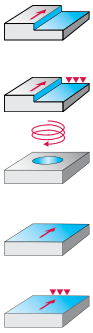
Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**F4238 Xtra·tec®**		**F4138 Xtra·tec®**		**F4042 Xtra·tec®**		**F4042R Xtra·tec®**	
Diameter range	40–80	*1,500–3,000*	32–63	*1,250–2,000*	10–160	*0,500–4,000*	16–63	*0,625–2,000*
Boring bar/adaptor type								
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								
	AD..1606…		AD..1204…		AD..10T3...ADGX1606…		AD..10T3...ADGX10T3…	
Number of cutting edges	2		2		2 / 2		2 / 2	
Max. depth of cut	29 - 99		33 - 54		8 - 16,7		10	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	F4238		F4138		F4042		F4042R	

WALTER SELECT

●● Primary application ● Other application

D2

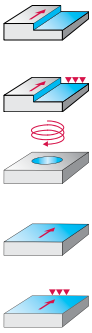
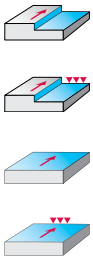
Shoulder milling cutters

Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**F4041 Xtra·tec®**		**F4038 Xtra·tec®**		**F2338F**		**F2010**	
Diameter range	40–125	*1,500–4,000*	20–32	*0,750–1,000*	63–85	—	80–315	—
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								
	LN.X1307…		AD..0803…		LP..1506…SP..1206…		BC..1605…	
Number of cutting edges	4		2		2 / 4		2	
Max. depth of cut	13		22 - 37		48 - 70		15	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	F4041		F4038		F2338F		F2010	

WALTER SELECT ●● Primary application ● Other application

D2

Shoulder milling cutters

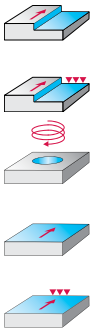
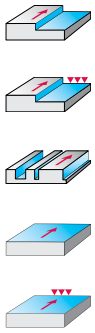
Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**F2010**		**F2010**		**F2010**		**F2010**	
Diameter range	80–315	—	80–315	—	80–315	—	80–315	—
Boring bar/adaptor type								
DIN 1835 B								
Shell mill mount DIN 138	✔		✔		✔		✔	
ScrewFit								
Cylindrical shank								
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								
	BC..1204...		LN.U1306...		LN.U0904...		LN.X1307...	
Number of cutting edges	2		4		4		4	
Max. depth of cut	11,7		12		8		13	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	F2010		F2010		F2010		F2010	

D2

WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters

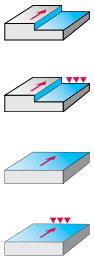
Machining								
Lead angle κ	**90°**		**90°**		**89,75°**		**89,5°**	
								
Designation	**F2010**		**F2010**		**M4132**		**F2010**	
Diameter range	80–315	—	80–315	—	16–125	*0,625–3*	80–315	—
Boring bar/adaptor type								
DIN 1835 B					✔	✔		
Shell mill mount DIN 138	✔		✔		✔	✔	✔	
ScrewFit					✔			
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								
	AD..1606...		AD..1204...		SD...		SD..1204...	
Number of cutting edges	2		2		4		4	
Max. depth of cut	15		11,7		5,6 - 11,6		11,6	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	F2010		F2010		M4132		F2010	

WALTER SELECT

●● Primary application ● Other application

D2

Shoulder milling cutters

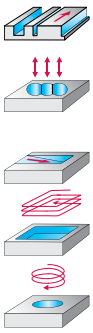
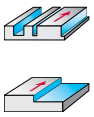
Machining		
Lead angle κ	**89,5°**	
		
Designation	**F2010**	
Diameter range	80–315	—
Boring bar/adaptor type		
DIN 1835 B		
Shell mill mount DIN 138	✔	
ScrewFit		
Cylindrical shank		
Cylindrical modular		
Steep taper		
HSK		
NCT		
P Steel	●●	
M Stainless steel	●●	
K Cast iron	●●	
N NF metals	●●	
S Materials with difficult cutting properties	●●	
H Hard materials	●	
O Other	●	
Indexable inserts		
	SD..09T3...	
Number of cutting edges	4	
Max. depth of cut	8,4	
Page in catalogue		
QR code		
www.walter-tools.com/woc/	F2010	

WALTER SELECT

●● Primary application ● Other application

D2

Slot milling cutters

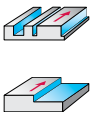
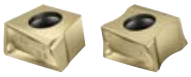
Machining				
Lead angle κ	**90°**	**90°**	**90°**	**90°**
				
Designation	**M4792**	**M4791**	**M4258**	**M4257**
Diameter range	17,9–39,9 / *0,750–1,500*	— / *0,750–1,750*	50–100 / *3,000–4,000*	40–63 / *1,500–2,500*
Boring bar/adaptor type				
DIN 1835 B	✔ / ✔	/ ✔	/	✔ / ✔
Shell mill mount DIN 138			✔ / ✔	✔ / ✔
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				
	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
Page in catalogue				
QR code				
www.walter-tools.com/woc/	M4792	M4791	M4258	M4257

WALTER SELECT

●● Primary application ● Other application

D2

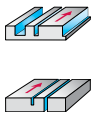
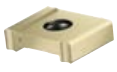
Slot milling cutters

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	*3,937–6,299*	100–315	—
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								
	LD..08T2...SD..06T2...		XNHX1306...LNHX1206...		SX...		LN.U...	
Number of cutting edges	2 / 4		2 / 4		1		4	
Max. depth of cut	27 - 37		46 - 58		—		—	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	M4256		M3255		F5055		F4253	

D2

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								
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								
	LN.U…		LN.X0702…		AD..1606…		AD..1204…	
Number of cutting edges	4		4		2		2	
Max. depth of cut	—		—		—		—	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	F4153		F4053		F2252		F2252	

WALTER SELECT

●● Primary application ● Other application

D2

Slot milling cutters

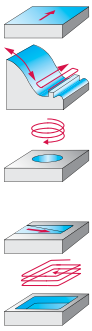
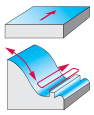
Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**F2252**		**F2252**		**F2252**		**F2252**	
Diameter range	100–160	—	125–200	—	100–160	—	80–160	—
Boring bar/adaptor type								
DIN 1835 B								
Shell mill mount DIN 138	✔		✔		✔		✔	
ScrewFit								
Cylindrical 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								
	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	—		—		—		—	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	F2252		F2252		F2252		F2252	

D2

WALTER SELECT

●● Primary application ● Other application

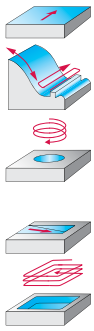
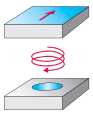
Copy milling cutters

Machining								
Lead angle κ								
								
Designation	**M5468 Xtra·tec® XT**		**M5460 Xtra·tec® XT**		**M2471**		**F2339**	
Diameter range	10–160	*1,000–5,000*	8–32	*0,375–1,000*	25–63	*2,000–2,500*	16–40	*0,625–2,000*
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								
	RD.X... / RO.X...		P32...		RN.X...		XD.T...SP...	
Number of cutting edges	4 / 8		1		8		2 / 4	
Max. depth of cut	2,5 - 10		4 - 16		5 - 6		11 - 57	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	M5468		M5460		M2471		F2339	

WALTER SELECT ●● Primary application ● Other application

D2

Copy milling cutters

Machining								
Lead angle κ								
								
Designation	**F2334R**		**F2239**		**F2139**		**F2010**	
Diameter range	25–80	*1,250–2,500*	20–63	—	8–32	—	83,3–318,3	—
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								
	RO.X…		P26315…SP…		P32…		RO.X1605…	
Number of cutting edges	4		3 / 4		1		6	
Max. depth of cut	5 - 6		15 - 84		4 - 16		8	
Page in catalogue								
QR code								
www.walter-tools.com/woc/	F2334R		F2239		F2139		F2010	

D2

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							✔	✔
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								
	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

D2

Profiling cutters

Machining	
Lead angle κ	**90°**



Designation	**F2036**	
Diameter range	16–63	—
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	 P20200...
Number of cutting edges	2
Max. depth of cut	—
Page in catalogue	
QR code	
www.walter-tools.com/woc/	F2036

WALTER SELECT ●● Primary application ● Other application

Shoulder milling cutters

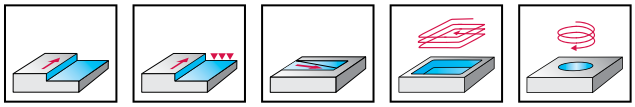
M5130 mm

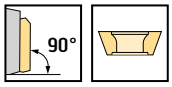
AC .. 0602 .. R

Xtra·tec® XT

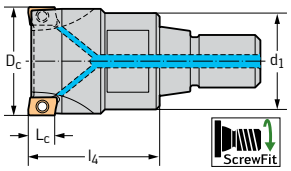
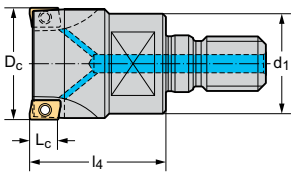
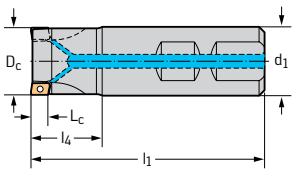


– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	M5130-010-T09-02-05	10	T09	20		5	2	0,02	2	AC .. 0602 .. R
	M5130-012-T09-03-05	12	T09	20		5	3	0,02	3	
	M5130-016-T14-03-05	16	T14	25		5	3	0,04	3	
	M5130-016-T14-04-05	16	T14	25		5	4	0,03	4	
	M5130-020-T18-04-05	20	T18	25		5	4	0,05	4	
	M5130-020-T18-05-05	20	T18	25		5	5	0,05	5	
	M5130-025-T22-05-05	25	T22	30		5	5	0,1	5	
	M5130-025-T22-07-05	25	T22	30		5	7	0,1	7	
	M5130-032-T28-06-05	32	T28	35		5	6	0,19	6	
	M5130-032-T28-08-05	32	T28	35		5	8	0,2	8	
	M5130-040-T36-07-05	40	T36	35		5	7	0,34	7	
ScrewFit	M5130-040-T36-10-05	40	T36	35		5	10	0,35	10	
 Cylindrical modular	M5130-010-TC06-02-05	10	M6	20		5	2	0,01	2	AC .. 0602 .. R
	M5130-012-TC06-03-05	12	M6	20		5	3	0,01	3	
	M5130-016-TC08-03-05	16	M8	25		5	3	0,03	3	
	M5130-016-TC08-04-05	16	M8	25		5	4	0,03	4	
	M5130-020-TC10-04-05	20	M10	25		5	4	0,05	4	
	M5130-020-TC10-05-05	20	M10	25		5	5	0,05	5	
	M5130-025-TC12-05-05	25	M12	30		5	5	0,1	5	
	M5130-025-TC12-07-05	25	M12	30		5	7	0,1	7	
	M5130-032-TC16-06-05	32	M16	35		5	6	0,19	6	
	M5130-032-TC16-08-05	32	M16	35		5	8	0,2	8	
	M5130-040-TC16-07-05	40	M16	35		5	7	0,24	7	
Cylindrical modular	M5130-040-TC16-10-05	40	M16	35		5	10	0,27	10	
 DIN 1835 B	M5130-010-W10-02-05	10	10	16	60	5	2	0,03	2	AC .. 0602 .. R
	M5130-010-W16-02-05	10	16	30	80	5	2	0,09	2	
	M5130-012-W12-03-05	12	12	19	65	5	3	0,05	3	
	M5130-012-W16-03-05	12	16	30	80	5	3	0,09	3	
	M5130-016-W16-03-05	16	16	21	70	5	3	0,09	3	
	M5130-016-W16-04-05	16	16	21	70	5	4	0,11	4	
	M5130-020-W20-04-05	20	20	24	75	5	4	0,16	4	
	M5130-020-W20-05-05	20	20	24	75	5	5	0,16	5	
	M5130-025-W25-05-05	25	25	26	85	5	5	0,29	5	
DIN 1835 B	M5130-025-W25-07-05	25	25	26	85	5	7	0,29	7	

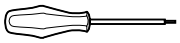
Bodies and assembly parts are included in the scope of delivery

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

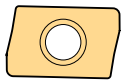
Assembly parts

	D_c [mm]	10–63
	Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0,5 Nm

Accessories

	D_c [mm]	10–63
	Torque screwdriver, analogue	FS2001
	Interchangeable blade	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G
	ACGT060204R-G65	G	2	0,4	0,9	☺	😐	😐	☹	😐	😐	☹				😐	☹	☹			😐	😐	☹
	ACGT060204R-M85	G	2	0,4	0,9														☺	😐			
	ACMT060202R-G55	M	2	0,2	1		😐	😐	☹			☹					☹	☹					☹
	ACMT060204R-G55	M	2	0,4	0,9	☺	😐	😐	☹	😐	😐	☹	☺	😐	😐	😐	☹	☹			😐	😐	☹
	ACMT060204R-K55	M	2	0,4	0,9		☺	☺	😐	☺	☺	😐					😐	😐			☺	☺	😐
	ACMT060208R-G55	M	2	0,8	0,8		😐	😐	☹			☹					☹	☹					☹
	ACMT060212R-G55	M	2	1,2	0,6		😐	😐	☹			☹					☹	☹					☹
	ACMT060216R-G55	M	2	1,6	0,1		😐	😐	☹			☹					☹	☹					☹

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

Shoulder milling cutters

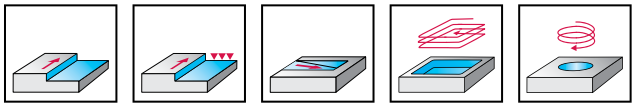
M5130 mm

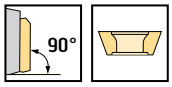
AC .. 0602 .. R

Xtra·tec® XT



– 2 cutting edges per indexable insert

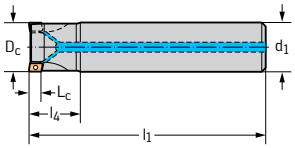




	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

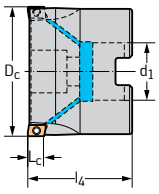
Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-010-A10-02-05	10	10	16	60	5	2	0,03	2	AC .. 0602 .. R
M5130-010-A16-02-05	10	16	30	80	5	2	0,1	2	
M5130-012-A12-03-05	12	12	19	70	5	3	0,05	3	
M5130-012-A16-03-05	12	16	30	80	5	3	0,09	3	
M5130-014-A16-03-05	14	16	30	80	5	3	0,06	3	
M5130-016-A16-03-05	16	16	21	90	5	3	0,12	3	
M5130-016-A16-04-05	16	16	21	90	5	4	0,13	4	
M5130-018-A16-03-05	18	16	21	90	5	3	0,13	3	
M5130-020-A20-04-05	20	20	24	110	5	4	0,24	4	
M5130-020-A20-05-05	20	20	24	110	5	5	0,24	5	
M5130-022-A20-04-05	22	20	24	110	5	4	0,25	4	
M5130-025-A25-05-05	25	25	26	120	5	5	0,42	5	
M5130-025-A25-07-05	25	25	26	120	5	7	0,42	7	



Cylindrical shank

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-032-B16-06-05	32	16	40		5	6	0,14	6	AC .. 0602 .. R
M5130-032-B16-08-05	32	16	40		5	8	0,14	8	
M5130-040-B16-07-05	40	16	40		5	7	0,27	7	
M5130-040-B16-10-05	40	16	40		5	10	0,27	10	
M5130-050-B22-09-05	50	22	40		5	9	0,42	9	
M5130-050-B22-12-05	50	22	40		5	12	0,42	12	
M5130-063-B22-11-05	63	22	40		5	11	0,54	11	
M5130-063-B22-14-05	63	22	40		5	14	0,54	14	



Shell mill mount DIN 138 transverse keyway

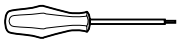
Bodies and assembly parts are included in the scope of delivery

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

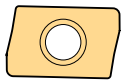
Assembly parts

	D_c [mm]	10–63
	Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0,5 Nm

Accessories

	D_c [mm]	10–63
	Torque screwdriver, analogue	FS2001
	Interchangeable blade	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G
	ACGT060204R-G65	G	2	0,4	0,9	☺	😐	😐	☹	😐	😐	☹				😐	☹	☹			😐	😐	☹
	ACGT060204R-M85	G	2	0,4	0,9														☺	😐			
	ACMT060202R-G55	M	2	0,2	1		😐	😐	☹			☹					☹	☹					☹
	ACMT060204R-G55	M	2	0,4	0,9	☺	😐	😐	☹	😐	😐	☹	☺	😐	😐	😐	☹	☹			😐	😐	☹
	ACMT060204R-K55	M	2	0,4	0,9		☺	☺	😐	☺	☺	😐					😐	😐			☺	☺	😐
	ACMT060208R-G55	M	2	0,8	0,8		😐	😐	☹			☹					☹	☹					☹
	ACMT060212R-G55	M	2	1,2	0,6		😐	😐	☹			☹					☹	☹					☹
	ACMT060216R-G55	M	2	1,6	0,1		😐	😐	☹			☹					☹	☹					☹

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

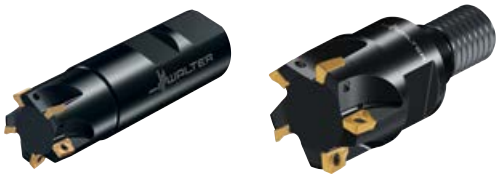
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Shoulder milling cutters

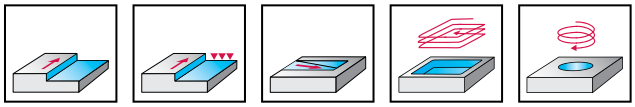
M5130 inch

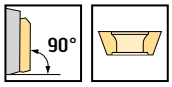
AC .. 0602 .. R

Xtra·tec® XT



– 2 cutting edges per indexable insert

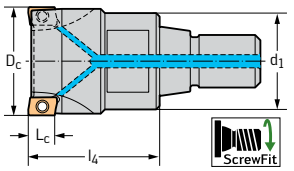




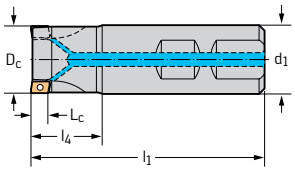
	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool

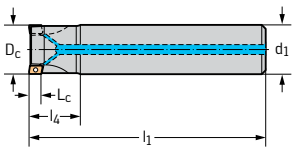
Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M5130.013-T09-03-05	0,500	T09	0,787		0,197	3	0,044	3	AC .. 0602 .. R
M5130.015-T14-03-05	0,625	T14	0,984		0,197	3	0,071	3	
M5130.015-T14-04-05	0,625	T14	0,984		0,197	4	0,099	4	
M5130.019-T18-04-05	0,750	T18	0,984		0,197	4	0,11	4	
M5130.019-T18-05-05	0,750	T18	0,984		0,197	5	0,132	5	
M5130.026-T22-05-05	1,000	T22	1,181		0,197	5	0,212	5	
M5130.026-T22-07-05	1,000	T22	1,181		0,197	7	0,243	7	
M5130.031-T28-06-05	1,250	T28	1,378		0,197	6	0,421	6	
M5130.031-T28-08-05	1,250	T28	1,378		0,197	8	0,443	8	
M5130.038-T36-07-05	1,500	T36	1,378		0,197	7	0,765	7	
M5130.038-T36-10-05	1,500	T36	1,378		0,197	10	0,789	10	
M5130.013-W13-03-05	0,500	0,500	0,700	2,281	0,197	3	0,108	3	AC .. 0602 .. R
M5130.015-W15-03-05	0,625	0,625	0,750	2,656	0,197	3	0,198	3	
M5130.015-W15-04-05	0,625	0,625	0,750	2,656	0,197	4	0,198	4	
M5130.019-W19-04-05	0,750	0,750	0,945	2,781	0,197	4	0,300	4	
M5130.019-W19-05-05	0,750	0,750	0,945	2,781	0,197	5	0,302	5	
M5130.026-W26-05-05	1,000	1,000	1,000	3,281	0,197	5	0,626	5	
M5130.026-W26-07-05	1,000	1,000	1,000	3,281	0,197	7	0,642	7	
M5130.013-A13-03-05	0,500	0,500	0,750	2,531	0,197	3	0,119	3	AC .. 0602 .. R
M5130.015-A15-03-05	0,625	0,625	0,750	3,566	0,197	3	0,278	3	
M5130.015-A15-04-05	0,625	0,625	0,750	3,566	0,197	4	0,278	4	
M5130.019-A19-04-05	0,750	0,750	1,000	4,250	0,197	4	0,461	4	
M5130.019-A19-05-05	0,750	0,750	1,000	4,250	0,197	5	0,463	5	
M5130.026-A26-05-05	1,000	1,000	1,000	4,750	0,197	5	0,963	5	
M5130.026-A26-07-05	1,000	1,000	1,000	4,750	0,197	7	0,963	7	
M5130.051-B19-09-05	2,000	0,750	1,575		0,197	9	0,891	9	AC .. 0602 .. R
M5130.051-B19-12-05	2,000	0,750	1,575		0,197	12	0,911	12	
M5130.064-B26-11-05	2,500	1,000	1,575		0,197	11	1,444	11	
M5130.064-B26-14-05	2,500	1,000	1,575		0,197	14	1,457	14	



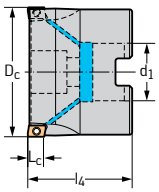
ScrewFit



DIN 1835 B



Cylindrical shank

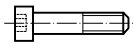


Shell mill mount DIN 138 transverse keyway

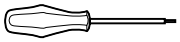
Bodies and assembly parts are included in the scope of delivery

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

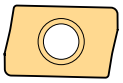
Assembly parts

	D_c [inch]	0,5–1,5	2	2,5
	Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0,5 Nm	FS2560 (T6IP) 0,5 Nm	FS2560 (T6IP) 0,5 Nm
	Clamping screw for arbour-mounted tools		FS1518	FS1519

Accessories

	D_c [inch]	0,5–2,5
	Torque screwdriver, analogue	FS2002
	Interchangeable blade	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G
	ACGT060204R-G65	G	2	0,4	0,9	☺	😐	😐	☹	😐	😐	☹				😐	☹	☹			😐	😐	☹
	ACGT060204R-M85	G	2	0,4	0,9														☺	😐			
	ACMT060202R-G55	M	2	0,2	1		😐	😐	☹			☹					☹	☹					☹
	ACMT060204R-G55	M	2	0,4	0,9	☺	😐	😐	☹	😐	😐	☹	☺	😐	😐	😐	☹	☹			😐	😐	☹
	ACMT060204R-K55	M	2	0,4	0,9		☺	☺	😐	☺	☺	😐					😐	😐			☺	☺	😐
	ACMT060208R-G55	M	2	0,8	0,8		😐	😐	☹			☹					☹	☹					☹
	ACMT060212R-G55	M	2	1,2	0,6		😐	😐	☹			☹					☹	☹					☹
	ACMT060216R-G55	M	2	1,6	0,1		😐	😐	☹			☹					☹	☹					☹

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

Shoulder milling cutters

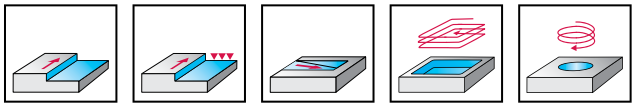
M5130 mm

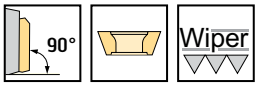
BC .. 0903 .. R

Xtra·tec® XT



– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit									
M5130-016-T14-02-09	16	T14	25		9	2	0,03	2	BC .. 0903 .. R
M5130-020-T18-02-09	20	T18	30		9	2	0,05	2	
M5130-020-T18-03-09	20	T18	30		9	3	0,05	3	
M5130-025-T22-03-09	25	T22	35		9	3	0,09	3	
M5130-025-T22-04-09	25	T22	35		9	4	0,09	4	
M5130-032-T28-04-09	32	T28	40		9	4	0,18	4	
M5130-032-T28-05-09	32	T28	40		9	5	0,19	5	
Cylindrical modular									
M5130-016-TC08-02-09	16	M8	25		9	2	0,03	2	BC .. 0903 .. R
M5130-020-TC10-02-09	20	M10	30		9	2	0,05	2	
M5130-020-TC10-03-09	20	M10	30		9	3	0,05	3	
M5130-025-TC12-03-09	25	M12	35		9	3	0,09	3	
M5130-025-TC12-04-09	25	M12	35		9	4	0,09	4	
M5130-032-TC16-04-09	32	M16	40		9	4	0,17	4	
M5130-032-TC16-05-09	32	M16	40		9	5	0,18	5	
DIN 1835 B									
M5130-016-W16-02-09	16	16	41	90	9	2	0,12	2	BC .. 0903 .. R
★ M5130-020-W20-02-09	20	20	39	90	9	3	0,18	3	
M5130-020-W20-03-09	20	20	39	90	9	3	0,18	3	
M5130-025-W25-04-09	25	25	43	100	9	4	0,31	4	
M5130-032-W32-05-09	32	32	49	110	9	5	0,57	5	
Cylindrical shank									
M5130-016-A16-02-09	16	16	41	180	9	2	0,25	2	BC .. 0903 .. R
M5130-018-A16-02-09	18	16	41	180	9	2	0,26	2	
M5130-020-A20-02-09	20	20	39	200	9	2	0,44	2	
M5130-020-A20-03-09	20	20	39	200	9	3	0,44	3	
M5130-022-A20-03-09	22	20	39	200	9	3	0,44	3	
M5130-025-A25-03-09	25	25	43	200	9	3	0,68	3	
M5130-025-A25-04-09	25	25	43	200	9	4	0,68	4	
Shell mill mount DIN 138 transverse keyway									
M5130-032-B16-03-09	32	16	40		9	3	0,12	3	BC .. 0903 .. R
M5130-032-B16-06-09	32	16	40		9	6	0,12	6	
M5130-040-B16-04-09	40	16	40		9	4	0,19	4	
★ M5130-040-B16-06-09	40	16	40		9	6	0,21	6	
M5130-040-B16-07-09	40	16	40		9	7	0,21	7	
M5130-050-B22-05-09	50	22	40		9	5	0,32	5	
★ M5130-050-B22-07-09	50	22	40		9	7	0,35	7	
M5130-050-B22-08-09	50	22	40		9	8	0,34	8	
M5130-063-B22-07-09	63	22	40		9	7	0,5	7	
M5130-063-B22-11-09	63	22	40		9	11	0,51	11	

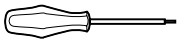
Bodies and assembly parts are included in the scope of delivery

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

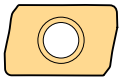
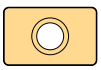
Assembly parts

	D_c [mm]	16–63
	Clamping screw for indexable insert Tightening torque	FS2576 (T8IP) 1,2 Nm

Accessories

	D_c [mm]	16–63
	Torque screwdriver, analogue	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	BCGT090304R-B85	G	1																											
	BCGT090304R-G55	G	2		☺	😐	😐	☹		😐	😐		☹		☺				😐	😐	😐					😐	😐		☹	
	BCGT090304R-K85	G	2																					☺	😐					
	BCMT090302R-G55	M	2			😐	😐	☹					☹							😐	😐								☹	
	BCMT090304R-F55	M	2		☺	😐	😐					☹			☺		😐	😐	😐	😐	😐							☹		
	BCMT090304R-G55	M	2		☺	😐	😐	☹		😐	😐	☹	☹		☺		😐	😐	😐	😐	😐					😐	😐	☹	☹	
	BCMT090304R-K55	M	2			☺	☺	😐		☺	☺		😐							😐	😐					☺	☺		😐	
	BCMT090308R-G55	M	2			😐	😐	☹				☹	☹							😐	😐							☹	☹	
	BCMT090312R-G55	M	2			😐	😐	☹					☹							😐	😐								☹	
	BCMT090316R-G55	M	2			😐	😐	☹				☹	☹							😐	😐							☹	☹	
	BCMT090320R-G55	M	2			😐	😐	☹				☹	☹							😐	😐							☹	☹	
	BCMT090330R-G55	M	2									☹																☹		
	BCGX0903PDR-G55	G	2	☺					☺				☺		☺	☺						☺								☺

R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

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

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

Shoulder milling cutters

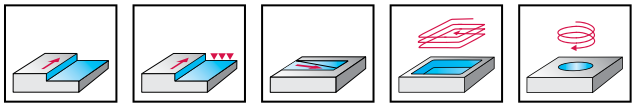
M5130 inch

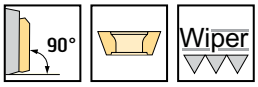
BC .. 0903 .. R

Xtra·tec® XT



– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

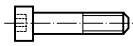
Tool

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
DIN 1835 B									
M5130.015-W15-02-09	0,6250	0,625	0,945	2,851	0,354	2	0,198	2	BC .. 0903 .. R
M5130.019-W19-03-09	0,7500	0,750	1,535	3,567	0,354	3	0,351	3	
M5130.026-W26-03-09	1,0000	1,000	1,181	3,462	0,354	3	0,624	3	
M5130.026-W26-04-09	1,0000	1,000	1,181	3,462	0,354	4	0,626	4	
Cylindrical shank									
M5130.015-A15-02-09	0,6250	0,625	1,630	7,000	0,354	2	0,54	2	BC .. 0903 .. R
M5130.019-A19-02-09	0,7500	0,750	1,630	8,000	0,354	2	0,866	2	
★ M5130.019-A19-03-09	0,7500	0,750	1,630	8,000	0,354	3	0,869	3	
M5130.026-A26-03-09	1,0000	1,000	1,750	8,000	0,354	3	1,583	3	
Shell mill mount DIN 138 transverse keyway									
M5130.051-B19-05-09	2,0000	0,750	1,575		0,354	5	0,756	5	BC .. 0903 .. R
M5130.051-B19-08-09	2,0000	0,750	1,575		0,354	8	0,809	8	

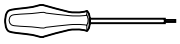
Bodies and assembly parts are included in the scope of delivery

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

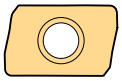
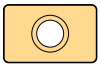
Assembly parts

	D_c [inch]	0,625–1	2
	Clamping screw for indexable insert Tightening torque	FS2576 (T8IP) 1,2 Nm	FS2576 (T8IP) 1,2 Nm
	Clamping screw for arbour-mounted tools		FS1523

Accessories

	D_c [inch]	0,625–2
	Torque screwdriver, analogue	FS2002
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	BCGT090304R-B85	G	1																											
	BCGT090304R-G55	G	2		☺	😐	😐	☹		😐	😐		☹		☺				😐	😐	😐					😐	😐		☹	
	BCGT090304R-K85	G	2																					☺	😐					
	BCMT090302R-G55	M	2			😐	😐	☹					☹							😐	😐								☹	
	BCMT090304R-F55	M	2		☺	😐	😐					☹			☺		😐	😐	😐	😐	😐							☹		
	BCMT090304R-G55	M	2		☺	😐	😐	☹		😐	😐	☹	☹		☺		😐	😐	😐	😐	😐					😐	😐	☹	☹	
	BCMT090304R-K55	M	2			☺	☺	😐		☺	☺		😐							😐	😐					☺	☺		😐	
	BCMT090308R-G55	M	2			😐	😐	☹				☹	☹							😐	😐							☹	☹	
	BCMT090312R-G55	M	2			😐	😐	☹					☹							😐	😐								☹	
	BCMT090316R-G55	M	2			😐	😐	☹				☹	☹							😐	😐							☹	☹	
	BCMT090320R-G55	M	2			😐	😐	☹				☹	☹							😐	😐							☹	☹	
	BCMT090330R-G55	M	2									☹																☹		
	BCGX0903PDR-G55	G	2	☺					☺					☺	☺	☺						☺								☺

If the corner radius r = 1.6 mm or above, the corner area of the body must be reworked.

R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

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

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

Shoulder milling cutters

M5130 mm

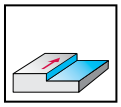
BC .. 1204 .. R

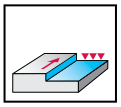
Xtra·tec® XT

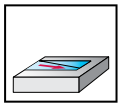


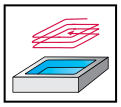


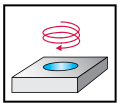
– 2 cutting edges per indexable insert

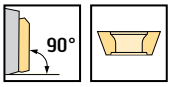






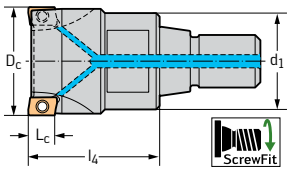
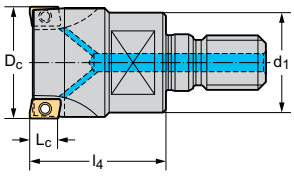
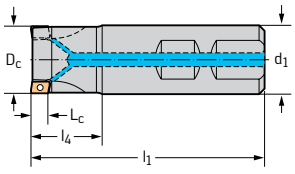
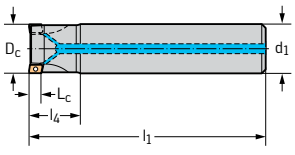






	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	M5130-025-T22-03-12	25	T22	35		12	3	0,09	3	BC .. 1204 .. R
	M5130-032-T28-03-12	32	T28	40		12	3	0,17	3	
	M5130-032-T28-04-12	32	T28	40		12	4	0,18	4	
	M5130-040-T36-03-12	40	T36	40		12	3	0,31	3	
	★ M5130-040-T36-05-12	40	T36	40		12	5	0,32	5	
	M5130-040-T36-06-12	40	T36	40		12	6	0,32	6	
 Cylindrical modular	M5130-025-TC12-03-12	25	M12	35		12	3	0,08	3	BC .. 1204 .. R
	M5130-032-TC16-03-12	32	M16	40		12	3	0,16	3	
	M5130-032-TC16-04-12	32	M16	40		12	4	0,17	4	
	M5130-040-TC16-03-12	40	M16	40		12	3	0,21	3	
	M5130-040-TC16-06-12	40	M16	40		12	6	0,22	6	
 DIN 1835 B	M5130-025-W25-03-12	25	25	43	100	12	3	0,3	3	BC .. 1204 .. R
	M5130-032-W32-03-12	32	32	49	110	12	3	0,53	3	
	M5130-032-W32-04-12	32	32	49	110	12	4	0,54	4	
	★ M5130-040-W32-05-12	40	32	49	110	12	5	0,65	5	
	M5130-040-W32-06-12	40	32	49	110	12	6	0,65	6	
 Cylindrical shank	M5130-022-A20-02-12	22	20	38	200	12	2	0,45	2	BC .. 1204 .. R
	M5130-025-A25-02-12	25	25	38	200	12	2	0,69	2	
	M5130-025-A25-03-12	25	25	38	200	12	3	0,68	3	
	M5130-032-A32-03-12	32	32	39	250	12	3	1,4	3	
	M5130-032-A32-04-12	32	32	39	250	12	4	1,42	4	
	M5130-040-A32-05-12	40	32	44	250	12	5	1,51	5	
	M5130-040-A40-04-12	40	40	44	250	12	4	2,25	4	

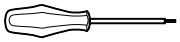
Bodies and assembly parts are included in the scope of delivery

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

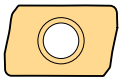
Assembly parts

	D_c [mm]	22–80
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm

Accessories

	D_c [mm]	22–80
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	BCGT120408R-B85	G	1															😐						
	BCGT120408R-G55	G	2	😊	😐	😐	☹	😐	😐		☹	😊			😐	😐	😐				😐	😐		☹
	BCHT120404R-K85	H	2																😊	😐				
	BCHT120408R-K85	H	2																😊	😐				
	BCHT120412R-K85	H	2																😊	😐				
	BCHT120416R-K85	H	2																😊	😐				
	BCHT120420R-K85	H	2																😊	😐				
	BCHT120425R-K85	H	2																😊	😐				
	BCHT120430R-K85	H	2																😊	😐				
	BCHT120440R-K85	H	2																😊	😐				
	BCMT120404R-G55	M	2		😐	😐	☹				☹					😐	😐							☹
	BCMT120408R-F55	M	2	😊	😐	😐	☹				☹	😊	😐	😐	😐	😐	😐							☹
	BCMT120408R-G55	M	2	😊	😐	😐	☹	😐	😐	☹	☹	😊	😐	😐	😐	😐	😐				😐	😐	☹	☹
	BCMT120408R-K55	M	2		😊	😐	😐	😊	😊		😐					😐	😐				😊	😊		😐
	BCMT120412R-G55	M	2		😐	😐	☹			☹	☹					😐	😐						☹	☹
	BCMT120416R-G55	M	2		😐	😐	☹			☹	☹					😐	😐						☹	☹
	BCMT120420R-G55	M	2		😐	😐	☹			☹	☹					😐	😐						☹	☹
	BCMT120425R-G55	M	2		😐	😐	☹				☹					😐	😐							☹
	BCMT120430R-G55	M	2		😐	😐	☹			☹	☹					😐	😐						☹	☹
	BCMT120432R-G55	M	2		😐	😐	☹				☹					😐	😐							☹
	BCMT120440R-G55	M	2		😐	😐	☹			☹	☹					😐	😐						☹	☹

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

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

Shoulder milling cutters

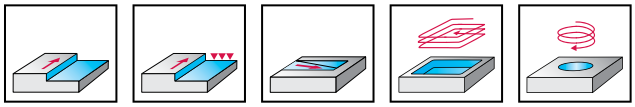
M5130 mm

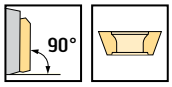
BC .. 1204 .. R

Xtra·tec® XT



– 2 cutting edges per indexable insert

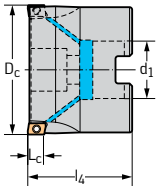




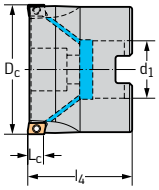
	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-040-B16-03-12	40	16	40		12	3	0,17	3	BC .. 1204 .. R
M5130-040-B16-04-12	40	16	40		12	4	0,18	4	
★ M5130-040-B16-05-12	40	16	40		12	5	0,19	5	
M5130-040-B16-06-12	40	16	40		12	6	0,19	6	
M5130-050-B22-03-12	50	22	40		12	3	0,32	3	
M5130-050-B22-04-12	50	22	40		12	4	0,29	4	
★ M5130-050-B22-06-12	50	22	40		12	6	0,32	6	
M5130-050-B22-07-12	50	22	40		12	7	0,31	7	
M5130-063-B22-04-12	63	22	40		12	4	0,45	4	
M5130-063-B22-05-12	63	22	40		12	5	0,47	5	
★ M5130-063-B22-07-12	63	22	40		12	7	0,51	7	
M5130-063-B22-08-12	63	22	40		12	8	0,5	8	
M5130-063-B27-04-12	63	27	50		12	4	0,66	4	
M5130-063-B27-05-12	63	27	50		12	5	0,67	5	BC .. 1204 .. R
★ M5130-063-B27-07-12	63	27	50		12	7	0,72	7	
M5130-063-B27-08-12	63	27	50		12	8	0,71	8	
M5130-080-B27-05-12	80	27	50		12	5	0,91	5	
M5130-080-B27-06-12	80	27	50		12	6	0,94	6	
★ M5130-080-B27-08-12	80	27	50		12	8	1.021	8	
M5130-080-B27-09-12	80	27	50		12	9	1	9	



Shell mill mount DIN 138 transverse keyway



Shell mill mount DIN 138 transverse keyway

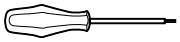
Bodies and assembly parts are included in the scope of delivery

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

Assembly parts

	D_c [mm]	22–80
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm

Accessories

	D_c [mm]	22–80
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Designation	Tolerance class	Number of cutting edges	P					M				K					N			S				
			HC	HC	HC	HC	ND	HC	HC	HC	ND	HC	HC	HC	HC	ND	DP	HC	HW	HC	HC	HC	ND
			WKP25S	WKP35G	WKP35S	WSP45G	WKP35G	WSM35G	WSM35S	WSP45G	WSM45X	WAK15	WKP25S	WKP35G	WKP35S	WKP35G	WDN20	WXN15	WK10	WSM35G	WSM35S	WSP45G	WSM45X
BCGT120408R-G55	G	2	☺										☹										
BCHT120404R-K85	H	2																☺					
BCHT120408R-K85	H	2																☺	☹				
BCHT120412R-K85	H	2																	☹				
BCMT120408R-F55	M	2	☺	☹		😠	☹			😠		☺	☹	☹		☹						😠	
BCMT120408R-G55	M	2		☹			☹	☹	☹		😠			☹		☹				☹	☹		😠
BCMT120408R-K55	M	2		☺	☺		☺	☺	☺					☹	☹	☹				☺	☺		
BCMT120412R-G55	M	2		☹	☹		☹				😠			☹	☹	☹							😠
BCMT120416R-G55	M	2		☹	☹		☹				😠			☹	☹	☹							😠
BCMT120420R-G55	M	2		☹	☹	😠	☹			😠	😠			☹	☹	☹						😠	😠
BCMT120425R-G55	M	2			☹	😠				😠					☹							😠	
BCMT120430R-G55	M	2		☹	☹	😠	☹			😠	😠			☹	☹	☹						😠	😠
BCMT120432R-G55	M	2		☹	☹		☹							☹	☹	☹							
BCMT120440R-G55	M	2		☹	☹	😠	☹			😠	😠			☹	☹	☹						😠	😠

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

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

Shoulder milling cutters

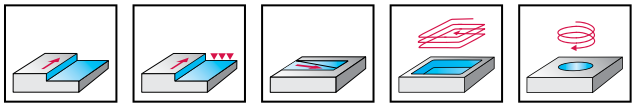
M5130 inch

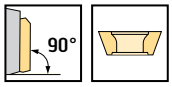
BC .. 1204 .. R

Xtra·tec® XT



– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

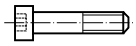
Tool

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
ScrewFit									
M5130.026-T22-03-12	1,0000	T22	1,378		0,472	3	0,187	3	BC .. 1204 .. R
M5130.031-T28-03-12	1,2500	T28	1,575		0,472	3	0,351	3	
M5130.031-T28-04-12	1,2500	T28	1,575		0,472	4	0,375	4	
M5130.038-T36-06-12	1,5000	T36	1,575		0,472	6	0,710	6	
★ M5130.051-T45-06-12	2,0000	T45	1,575		0,472	6	1,074	6	
M5130.051-T45-07-12	2,0000	T45	1,575		0,472	7	1,076	7	
DIN 1835 B									
M5130.019-W19-02-12	0,7500	0,750	1,024	3,059	0,472	2	0,291	2	BC .. 1204 .. R
M5130.026-W26-03-12	1,0000	1,000	1,339	3,280	0,472	3	0,558	3	
M5130.031-W31-04-12	1,2500	1,250	1,417	3,697	0,472	4	1,030	4	
Cylindrical shank									
M5130.019-A19-02-12	0,7500	0,750	1,030	7,530	0,472	2	0,816	2	BC .. 1204 .. R
M5130.026-A26-03-12	1,0000	1,000	1,500	8,000	0,472	3	1,572	3	
M5130.031-A31-04-12	1,2500	1,250	1,630	10,000	0,472	4	3,142	4	
Shell mill mount DIN 138 transverse keyway									
★ M5130.038-B19-05-12	1,5000	0,750	1,500		0,472	5	0,340	5	BC .. 1204 .. R
M5130.038-B19-06-12	1,5000	0,750	1,500		0,472	6	0,326	6	
M5130.051-B19-04-12	2,0000	0,750	1,575		0,472	4	0,644	4	
★ M5130.051-B19-06-12	2,0000	0,750	1,575		0,472	6	0,774	6	
M5130.051-B19-07-12	2,0000	0,750	1,575		0,472	7	0,758	7	
M5130.064-B26-05-12	2,5000	1,000	1,575		0,472	5	1,208	5	
M5130.064-B26-08-12	2,5000	1,000	1,575		0,472	8	1,202	8	
M5130.076-B26-06-12	3,0000	1,000	2,000		0,472	6	2,028	6	
★ M5130.076-B26-08-12	3,0000	1,000	2,000		0,472	8	2,205	8	
M5130.076-B26-09-12	3,0000	1,000	2,000		0,472	9	2,125	9	

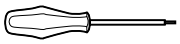
Bodies and assembly parts are included in the scope of delivery

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

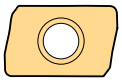
Assembly parts

	D_c [inch]	0,75–1,5	2	2,5–3
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm	FS2573 (T9IP) 2 Nm	FS2573 (T9IP) 2 Nm
	Clamping screw for arbour-mounted tools		FS1523	FS1519

Accessories

	D_c [inch]	0,75–3
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	BCGT120408R-B85	G	1															☺						
	BCGT120408R-G55	G	2	☺	😐	😐	☹	😐	😐		☹	☺			😐	😐	😐				😐	😐		☹
	BCHT120404R-K85	H	2																☺	😐				
	BCHT120408R-K85	H	2																☺	😐				
	BCHT120412R-K85	H	2																☺	😐				
	BCHT120416R-K85	H	2																☺	😐				
	BCHT120420R-K85	H	2																☺	😐				
	BCHT120425R-K85	H	2																☺	😐				
	BCHT120430R-K85	H	2																☺	😐				
	BCHT120440R-K85	H	2																☺	😐				
	BCMT120404R-G55	M	2		😐	😐	☹				☹					😐	😐							☹
	BCMT120408R-F55	M	2	☺	😐	😐	☹				☹	☺	😐	😐	😐	😐	😐							☹
	BCMT120408R-G55	M	2	☺	😐	😐	☹	😐	😐	☹	☹	☺	😐	😐	😐	😐	😐				😐	😐	☹	☹
	BCMT120408R-K55	M	2		☺	☺	😐	☺	☺		😐					😐	😐				☺	☺		😐
	BCMT120412R-G55	M	2		😐	😐	☹			☹	☹					😐	😐						☹	☹
	BCMT120416R-G55	M	2		😐	😐	☹			☹	☹					😐	😐						☹	☹
	BCMT120420R-G55	M	2		😐	😐	☹			☹	☹					😐	😐						☹	☹
	BCMT120425R-G55	M	2		😐	😐	☹				☹					😐	😐							☹
	BCMT120430R-G55	M	2		😐	😐	☹			☹	☹					😐	😐						☹	☹
	BCMT120432R-G55	M	2		😐	😐	☹				☹					😐	😐							☹
	BCMT120440R-G55	M	2		😐	😐	☹			☹	☹					😐	😐						☹	☹

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

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

Shoulder milling cutters

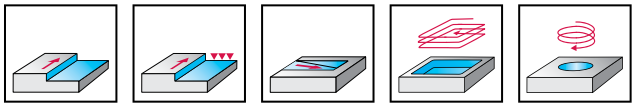
M5130 mm

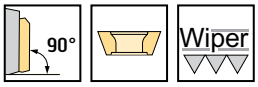
BC .. 1605 .. R

Xtra·tec® XT



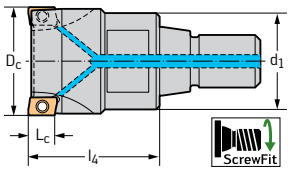
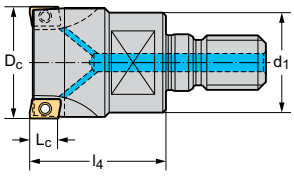
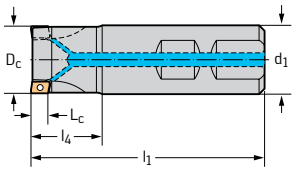
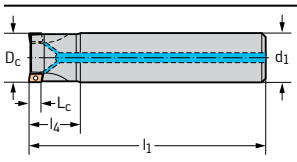
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	M5130-032-T28-03-15	32	T28	40		15	3	0,16	3	BC .. 1605 .. R
	M5130-040-T36-03-15	40	T36	40		15	3	0,31	3	
	M5130-040-T36-04-15	40	T36	40		15	4	0,31	4	
	M5130-050-T45-03-15	50	T45	40		15	3	0,45	3	
	★ M5130-050-T45-05-15	50	T45	40		15	5	0,43	5	
	M5130-050-T45-06-15	50	T45	40		15	6	0,45	6	
 Cylindrical modular	M5130-032-TC16-03-15	32	M16	40		15	3	0,15	3	BC .. 1605 .. R
	M5130-040-TC16-03-15	40	M16	40		15	3	0,21	3	
	M5130-040-TC16-04-15	40	M16	40		15	4	0,2	4	
 DIN 1835 B	M5130-025-W25-02-15	25	25	43	100	15	2	0,3	2	BC .. 1605 .. R
	M5130-032-W32-03-15	32	32	49	110	15	3	0,56	3	
 Cylindrical shank	M5130-025-A25-02-15	25	25	38	200	15	2	0,68	2	BC .. 1605 .. R
	M5130-028-A25-02-15	28	25	38	200	15	2	0,7	2	
	M5130-032-A32-03-15	32	32	39	250	15	3	1,43	3	
	M5130-035-A32-03-15	35	32	39	250	15	3	1,46	3	

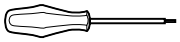
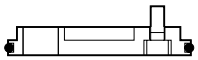
Bodies and assembly parts are included in the scope of delivery

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

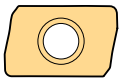
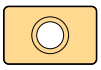
Assembly parts

	D_c [mm]	25	28–160
	Clamping screw for indexable insert Tightening torque	FS1461 (T15IP) 2,5 Nm	FS2300 (T15IP) 3,5 Nm

Accessories

	D_c [mm]	25–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	(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 HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	BCGT160508R-G55	G	2	0,8	2	☺	😐	😐	☹		😐	😐		☹		☺			😐	☹	☹				😐	😐		☹
	BCHT160508R-K85	H	2	0,8	2																		☺	😐				
	BCHT160512R-K85	H	2	1,2	1,7																		☺	😐				
	BCHT160516R-K85	H	2	1,6	1,7																		☺	😐				
	BCHT160520R-K85	H	2	2	1,5																		☺	😐				
	BCHT160525R-K85	H	2	2,5	1,4																		☺	😐				
	BCHT160530R-K85	H	2	3	1,2																		☺	😐				
	BCHT160540R-K85	H	2	4	1,1																		☺	😐				
	BCMT160508R-F55	M	2	0,8	2	☺	😐	😐	☹				☹	☹		☺	😐	😐	😐	☹	☹						☹	☹
	BCMT160508R-G55	M	2	0,8	2	☺	😐	😐	☹		😐	😐	☹	☹		☺	😐	😐	😐	☹	☹				😐	😐	☹	☹
	BCMT160508R-K55	M	2	0,8	2		☺	☺	😐		☺	☺	😐	😐						😐	😐				☺	☺	😐	😐
	BCMT160512R-G55	M	2	1,2	1,7		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160516R-G55	M	2	1,6	1,5		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160520R-G55	M	2	2	1,5		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160525R-G55	M	2	2,5	1,4		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160530R-G55	M	2	3	1,2		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160532R-G55	M	2	3,2	1,1		😐	😐	☹					☹						☹	☹							☹
	BCMT160540R-G55	M	2	4	1,1		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160550R-G55	M	2	5	0,7		😐	😐	☹					☹						☹	☹							☹
	BCMT160560R-G55	M	2	6	0,1		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCGX1605PDR-G55	G	2	0,8	8					☺					☺	☺						☺						

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
HW = Uncoated carbide

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

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

Shoulder milling cutters

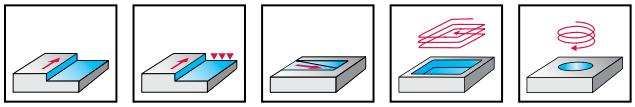
M5130 mm

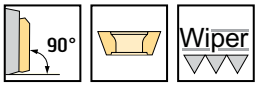
BC .. 1605 .. R

Xtra·tec® XT



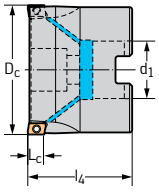
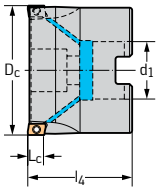
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	M5130-040-B16-03-15	40	16	40		15	3	0,15	3	BC .. 1605 .. R
	M5130-040-B16-04-15	40	16	40		15	4	0,14	4	
	M5130-042-B16-03-15	42	16	40		15	3	0,17	3	
	M5130-050-B22-03-15	50	22	40		15	3	0,31	3	
	★ M5130-050-B22-05-15	50	22	40		15	5	0,27	5	
	M5130-050-B22-06-15	50	22	40		15	6	0,31	6	
	M5130-054-B22-03-15	54	22	40		15	3	0,34	3	
	M5130-063-B22-04-15	63	22	40		15	4	0,43	4	
	★ M5130-063-B22-06-15	63	22	40		15	6	0,44	6	
	M5130-063-B22-07-15	63	22	40		15	7	0,45	7	
	M5130-063-B27-04-15	63	27	50		15	4	0,66	4	
	★ M5130-063-B27-06-15	63	27	50		15	6	0,63	6	
	M5130-063-B27-07-15	63	27	50		15	7	0,68	7	
	M5130-066-B27-04-15	66	27	50		15	4	0,72	4	
	M5130-080-B27-05-15	80	27	50		15	5	0,92	5	
	★ M5130-080-B27-07-15	80	27	50		15	7	0,95	7	
	M5130-080-B27-08-15	80	27	50		15	8	0,97	8	
	M5130-085-B27-05-15	85	27	50		15	5	1,03	5	
	M5130-100-B32-05-15	100	32	50		15	5	1,55	5	
	M5130-100-B32-08-15	100	32	50		15	8	1,62	8	
	M5130-125-B40-07-15	125	40	63		15	7	2,47	7	
 Shell mill mount DIN 138 transverse keyway	M5130-125-B40-10-15	125	40	63		15	10	2,67	10	BC .. 1605 .. R

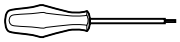
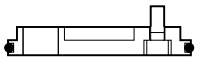
Bodies and assembly parts are included in the scope of delivery

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

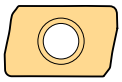
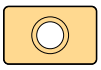
Assembly parts

	D_c [mm]	25	28–160
	Clamping screw for indexable insert Tightening torque	FS1461 (T15IP) 2,5 Nm	FS2300 (T15IP) 3,5 Nm

Accessories

	D_c [mm]	25–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	(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 HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	BCGT160508R-G55	G	2	0,8	2	☺	😐	😐	☹		😐	😐		☹		☺			😐	☹	☹				😐	😐		☹
	BCHT160508R-K85	H	2	0,8	2																		☺	😐				
	BCHT160512R-K85	H	2	1,2	1,7																		☺	😐				
	BCHT160516R-K85	H	2	1,6	1,7																		☺	😐				
	BCHT160520R-K85	H	2	2	1,5																		☺	😐				
	BCHT160525R-K85	H	2	2,5	1,4																		☺	😐				
	BCHT160530R-K85	H	2	3	1,2																		☺	😐				
	BCHT160540R-K85	H	2	4	1,1																		☺	😐				
	BCMT160508R-F55	M	2	0,8	2	☺	😐	😐	☹				☹	☹		☺	😐	😐	😐	☹	☹						☹	☹
	BCMT160508R-G55	M	2	0,8	2	☺	😐	😐	☹		😐	😐	☹	☹		☺	😐	😐	😐	☹	☹				😐	😐	☹	☹
	BCMT160508R-K55	M	2	0,8	2		☺	☺	😐		☺	☺	😐	😐						😐	😐				☺	☺	😐	😐
	BCMT160512R-G55	M	2	1,2	1,7		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160516R-G55	M	2	1,6	1,5		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160520R-G55	M	2	2	1,5		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160525R-G55	M	2	2,5	1,4		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160530R-G55	M	2	3	1,2		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160532R-G55	M	2	3,2	1,1		😐	😐	☹					☹						☹	☹							☹
	BCMT160540R-G55	M	2	4	1,1		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160550R-G55	M	2	5	0,7		😐	😐	☹					☹						☹	☹							☹
	BCMT160560R-G55	M	2	6	0,1		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCGX1605PDR-G55	G	2	0,8	8					☺					☺	☺						☺						

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
HW = Uncoated carbide

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

Shoulder milling cutters

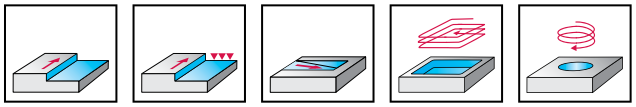
M5130 mm

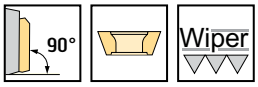
BC .. 1605 .. R

Xtra·tec® XT



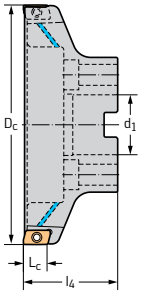
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-160-B40-08-15	160	40	63		15	8	2,88	8	BC .. 1605 .. R
M5130-160-B40-12-15	160	40	63		15	12	3,02	12	

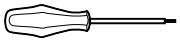
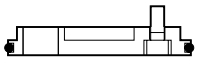
Bodies and assembly parts are included in the scope of delivery

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

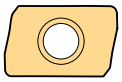
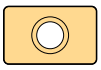
Assembly parts

	D_c [mm]	25	28–160
	Clamping screw for indexable insert Tightening torque	FS1461 (T15IP) 2,5 Nm	FS2300 (T15IP) 3,5 Nm

Accessories

	D_c [mm]	25–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	(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 HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	BCGT160508R-G55	G	2	0,8	2	☺	😐	😐	☹		😐	😐		☹		☺			😐	☹	☹				😐	😐		☹
	BCHT160508R-K85	H	2	0,8	2																		☺	😐				
	BCHT160512R-K85	H	2	1,2	1,7																		☺	😐				
	BCHT160516R-K85	H	2	1,6	1,7																		☺	😐				
	BCHT160520R-K85	H	2	2	1,5																		☺	😐				
	BCHT160525R-K85	H	2	2,5	1,4																		☺	😐				
	BCHT160530R-K85	H	2	3	1,2																		☺	😐				
	BCHT160540R-K85	H	2	4	1,1																		☺	😐				
	BCMT160508R-F55	M	2	0,8	2	☺	😐	😐	☹				☹	☹		☺	😐	😐	😐	☹	☹						☹	☹
	BCMT160508R-G55	M	2	0,8	2	☺	😐	😐	☹		😐	😐	☹	☹		☺	😐	😐	😐	☹	☹				😐	😐	☹	☹
	BCMT160508R-K55	M	2	0,8	2		☺	☺	😐		☺	☺	😐	😐						😐	😐				☺	☺	😐	😐
	BCMT160512R-G55	M	2	1,2	1,7		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160516R-G55	M	2	1,6	1,5		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160520R-G55	M	2	2	1,5		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160525R-G55	M	2	2,5	1,4		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160530R-G55	M	2	3	1,2		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160532R-G55	M	2	3,2	1,1		😐	😐	☹					☹						☹	☹							☹
	BCMT160540R-G55	M	2	4	1,1		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160550R-G55	M	2	5	0,7		😐	😐	☹					☹						☹	☹							☹
	BCMT160560R-G55	M	2	6	0,1		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCGX1605PDR-G55	G	2	0,8	8					☺					☺	☺						☹						

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
HW = Uncoated carbide

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

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

Shoulder milling cutters

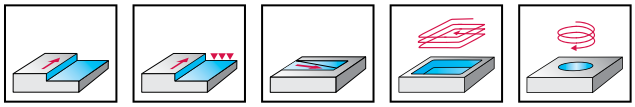
M5130 inch

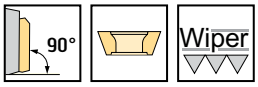
BC .. 1605 .. R

Xtra·tec® XT



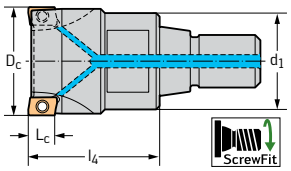
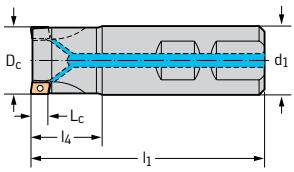
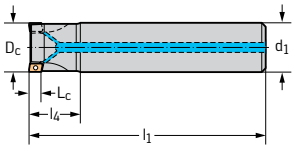
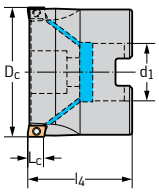
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

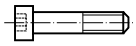
Tool

	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 ScrewFit	M5130.038-T36-03-15	1,500	T36	1,500		0,591	3	0,661	3	BC .. 1605 .. R
	M5130.038-T36-04-15	1,500	T36	1,500		0,591	4	0,661	4	
	M5130.051-T45-06-15	2,000	T45	1,575		0,591	6	1,016	6	
 DIN 1835 B	M5130.026-W26-02-15	1,000	1,000	1,850	4,131	0,591	2	0,719	2	BC .. 1605 .. R
	M5130.031-W31-03-15	1,250	1,250	1,500	3,781	0,591	3	1,012	3	
	M5130.038-W31-04-15	1,500	1,250	1,730	4,008	0,591	4	1,261	3	
 Cylindrical shank	M5130.026-A26-02-15	1,000	1,000	1,850	8,350	0,591	2	1,607	2	BC .. 1605 .. R
	M5130.031-A31-03-15	1,250	1,250	1,500	9,87	0,591	3	3,109	3	
 Shell mill mount DIN 138 transverse keyway	M5130.051-B19-03-15	2,000	0,750	1,575		0,591	3	0,710	3	BC .. 1605 .. R
	★ M5130.051-B19-05-15	2,000	0,750	1,575		0,591	5	0,661	5	
	M5130.051-B19-06-15	2,000	0,750	1,575		0,591	6	0,694	6	
	M5130.064-B26-04-15	2,500	1,000	1,575		0,591	4	1,096	4	
	★ M5130.064-B26-06-15	2,500	1,000	1,575		0,591	6	1,146	6	
	M5130.064-B26-07-15	2,500	1,000	1,575		0,591	7	1,131	7	
	M5130.076-B26-05-15	3,000	1,000	2,000		0,591	5	2,502	5	
	★ M5130.076-B26-07-15	3,000	1,000	2,000		0,591	7	2,008	7	
	M5130.076-B26-08-15	3,000	1,000	2,000		0,591	8	2,297	8	
	M5130.102-B38-05-15	4,000	1,500	2,500		0,591	5	5,269	5	
	M5130.102-B38-08-15	4,000	1,500	2,500		0,591	8	6,041	8	
	M5130.127-B38-07-15	5,000	1,500	2,500		0,591	7	7,542	7	
	M5130.127-B38-10-15	5,000	1,500	2,500		0,591	10	8,201	10	
	M5130.152-B38-08-15	6,000	1,500	2,500		0,591	8	10,437	8	
	M5130.152-B38-12-15	6,000	1,500	2,500		0,591	12	10,229	12	

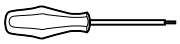
Bodies and assembly parts are included in the scope of delivery

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

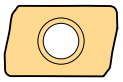
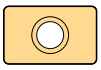
Assembly parts

	D_c [inch]	1	1,25–2	2,5–3	4–6
	Clamping screw for indexable insert Tightening torque	FS1461 (T15IP) 2,5 Nm	FS2300 (T15IP) 3,5 Nm	FS2300 (T15IP) 3,5 Nm	FS2300 (T15IP) 3,5 Nm
	Clamping screw for arbour-mounted tools			FS1519	FS1583

Accessories

	D_c [inch]	1–6
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	BCGT160508R-G55	G	2	0,8	2	☺	😐	😐	☹		😐	😐		☹		☺			😐	☹	☹				😐	😐		☹
	BCHT160508R-K85	H	2	0,8	2																		☺	😐				
	BCHT160512R-K85	H	2	1,2	1,7																		☺	😐				
	BCHT160516R-K85	H	2	1,6	1,7																		☺	😐				
	BCHT160520R-K85	H	2	2	1,5																		☺	😐				
	BCHT160525R-K85	H	2	2,5	1,4																		☺	😐				
	BCHT160530R-K85	H	2	3	1,2																		☺	😐				
	BCHT160540R-K85	H	2	4	1,1																		☺	😐				
	BCMT160508R-F55	M	2	0,8	2	☺	😐	😐	☹				☹	☹		☺	😐	😐	😐	☹	☹						☹	☹
	BCMT160508R-G55	M	2	0,8	2	☺	😐	😐	☹		😐	😐	☹	☹		☺	😐	😐	😐	☹	☹				😐	😐	☹	☹
	BCMT160508R-K55	M	2	0,8	2		☺	☺	😐		☺	☺	😐	😐						😐	😐				☺	☺	😐	😐
	BCMT160512R-G55	M	2	1,2	1,7		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160516R-G55	M	2	1,6	1,5		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160520R-G55	M	2	2	1,5		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160525R-G55	M	2	2,5	1,4		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160530R-G55	M	2	3	1,2		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160532R-G55	M	2	3,2	1,1		😐	😐	☹					☹						☹	☹							☹
	BCMT160540R-G55	M	2	4	1,1		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160550R-G55	M	2	5	0,7		😐	😐	☹					☹						☹	☹							☹
	BCMT160560R-G55	M	2	6	0,1		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCGX1605PDR-G55	G	2	0,8	8					☺					☺	☺						☺						

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm

HC = Coated carbide
HW = Uncoated carbide

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

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

Shoulder milling cutters

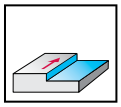
F2010 mm

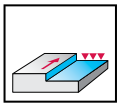
BC .. 1204 .. R

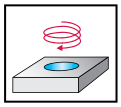


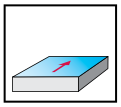


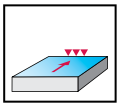
– Adjustable runout
– 2 cutting edges per indexable insert

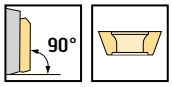




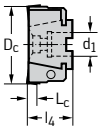
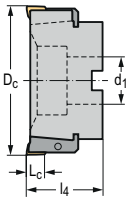
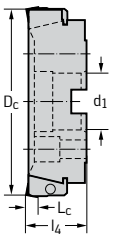
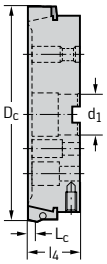








	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

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	★ F2010.B.080.Z06.11.R764M	80	27	50	11,7	6	1,28	6	BC .. 1204 .. R
 Shell mill mount DIN 138 transverse keyway	★ F2010.B.100.Z07.11.R764M	100	32	50	11,7	7	1,83	7	BC .. 1204 .. R
	★ F2010.B.125.Z08.11.R764M	125	40	63	11,7	8	3,91	8	
 Shell mill mount DIN 138 transverse keyway	★ F2010.B.160.Z10.11.R764M	160	40	63	11,7	10	5,65	10	BC .. 1204 .. R
	★ F2010.B.200.Z12.11.R764M	200	60	63	11,7	12	9,6	12	
	★ F2010.B.250.Z12.11.R764M	250	60	63	11,7	12	16	12	
	★ F2010.B.250.Z16.11.R764M	250	60	63	11,7	16	16,21	16	
 Shell mill mount DIN 138 transverse keyway	★ F2010.B.315.Z14.11.R764M	315	60	80	11,7	14	27,39	14	BC .. 1204 .. R
	★ F2010.B.315.Z18.11.R764M	315	60	80	11,7	18	26,2	18	

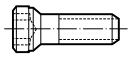
Bodies and assembly parts are included in the scope of delivery

D 2

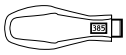
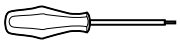
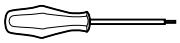
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

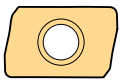
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR764M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2573 (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	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	BCGT120408R-B85	G	1															●						
	BCGT120408R-G55	G	2	●	●	●	●	●	●		●	●			●	●	●				●	●		●
	BCHT120404R-K85	H	2																●	●				
	BCHT120408R-K85	H	2																●	●				
	BCHT120412R-K85	H	2																●	●				
	BCHT120416R-K85	H	2																●	●				
	BCHT120420R-K85	H	2																●	●				
	BCHT120425R-K85	H	2																●	●				
	BCHT120430R-K85	H	2																●	●				
	BCHT120440R-K85	H	2																●	●				
	BCMT120404R-G55	M	2		●	●	●				●					●	●							●
	BCMT120408R-F55	M	2	●	●	●	●				●	●	●	●	●	●	●							●
	BCMT120408R-G55	M	2	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●
	BCMT120408R-K55	M	2		●	●	●	●	●		●					●	●				●	●		●
	BCMT120412R-G55	M	2		●	●	●			●	●					●	●						●	●
	BCMT120416R-G55	M	2		●	●	●			●	●					●	●						●	●
	BCMT120420R-G55	M	2		●	●	●			●	●					●	●						●	●
	BCMT120425R-G55	M	2		●	●	●				●					●	●							●
	BCMT120430R-G55	M	2		●	●	●			●	●					●	●						●	●
	BCMT120432R-G55	M	2		●	●	●				●					●	●							●
	BCMT120440R-G55	M	2		●	●	●			●	●					●	●						●	●

HC = beschichtetes Hartmetall
DP = Polykristaliner Diamant
HW = unbeschichtetes Hartmetal

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

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

Shoulder milling cutters

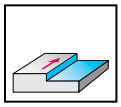
F2010 inch

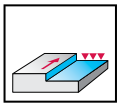
BC .. 1204 .. R

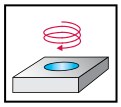


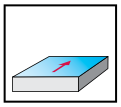


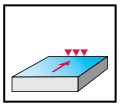
– Adjustable runout
– 2 cutting edges per indexable insert

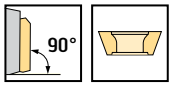




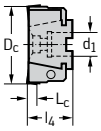
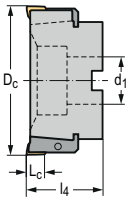
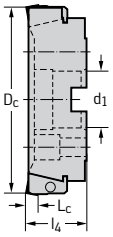
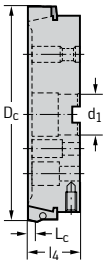








	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

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.Z06.11R764M	3,000	1,000	2,000	0,461	6	1,918	6	BC .. 1204 .. R
 Shell mill mount DIN 138 transverse keyway	★ F2010.UB.102.Z07.11R764M	4,000	1,250	2,000	0,461	7	4,85	7	BC .. 1204 .. R
	★ F2010.UB.127.Z08.11R764M	5,000	1,500	2,500	0,461	8	7,496	8	
	★ F2010.UB.152.Z10.11R764M	6,000	1,500	2,500	0,461	10	13,095	10	
 Shell mill mount DIN 138 transverse keyway	★ F2010.UB.203.Z12.11R764M	8,000	2,500	2,500	0,461	12	21,297	12	BC .. 1204 .. R
	★ F2010.UB.254.Z12.11R764M	10,000	2,500	2,500	0,461	12	36,376	12	
	★ F2010.UB.254.Z16.11R764M	10,000	2,500	2,500	0,461	16	36,376	16	
 Shell mill mount DIN 138 transverse keyway	★ F2010.UB.305.Z18.11R764M	12,000	2,500	2,500	0,461	18	45,636	18	BC .. 1204 .. R

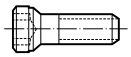
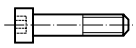
Bodies and assembly parts are included in the scope of delivery

D 2

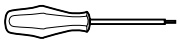
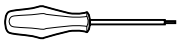
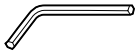
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

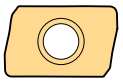
Assembly parts

	D_c [inch]	3	4	5–6	8–12
	Cartridge for tool body	FR764M	FR764M	FR764M	FR764M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm	FS247 (SW 4) 8 Nm	FS247 (SW 4) 8 Nm	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm	FS2573 (T9IP) 2 Nm	FS2573 (T9IP) 2 Nm	FS2573 (T9IP) 2 Nm
	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	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	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	BCGT120408R-B85	G	1															☺						
	BCGT120408R-G55	G	2	☺	☺	☺	☹	☺	☺		☹	☺			☺	☹	☹				☺	☺		☹
	BCHT120404R-K85	H	2																☺	☺				
	BCHT120408R-K85	H	2																☺	☺				
	BCHT120412R-K85	H	2																☺	☺				
	BCHT120416R-K85	H	2																☺	☺				
	BCHT120420R-K85	H	2																☺	☺				
	BCHT120425R-K85	H	2																☺	☺				
	BCHT120430R-K85	H	2																☺	☺				
	BCHT120440R-K85	H	2																☺	☺				
	BCMT120404R-G55	M	2		☺	☺	☹				☹					☹	☹							☹
	BCMT120408R-F55	M	2	☺	☺	☺	☹				☹	☺	☺	☺	☺	☹	☹							☹
	BCMT120408R-G55	M	2	☺	☺	☺	☹	☺	☺	☹	☹	☺	☺	☺	☺	☹	☹				☺	☺	☹	☹
	BCMT120408R-K55	M	2		☺	☺	☺	☺	☺		☺					☺	☺				☺	☺		☺
	BCMT120412R-G55	M	2		☺	☺	☹			☹	☹					☹	☹						☹	☹
	BCMT120416R-G55	M	2		☺	☺	☹			☹	☹					☹	☹						☹	☹
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	BCMT120425R-G55	M	2		☺	☺	☹				☹					☹	☹							☹
	BCMT120430R-G55	M	2		☺	☺	☹			☹	☹					☹	☹						☹	☹
	BCMT120432R-G55	M	2		☺	☺	☹				☹					☹	☹							☹
	BCMT120440R-G55	M	2		☺	☺	☹			☹	☹					☹	☹						☹	☹

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

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

Shoulder milling cutters

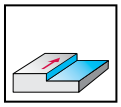
F2010 mm

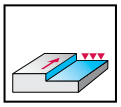
BC .. 1605 .. R

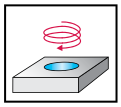


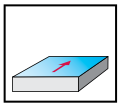


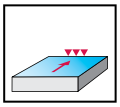
– Adjustable runout
– 2 cutting edges per indexable insert









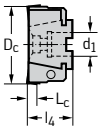
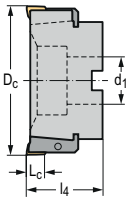
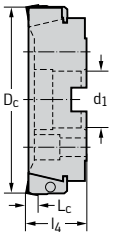
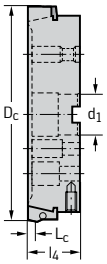








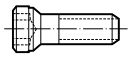
	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

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	★ F2010.B.080.Z06.15.R765M	80	27	50	15	6	1,22	6	BC .. 1605 .. R
 Shell mill mount DIN 138 transverse keyway	★ F2010.B.100.Z07.15.R765M	100	32	50	15	7	1,77	7	BC .. 1605 .. R
	★ F2010.B.125.Z08.15.R765M	125	40	63	15	8	3,65	8	
 Shell mill mount DIN 138 transverse keyway	★ F2010.B.160.Z10.15.R765M	160	40	63	15	10	5,58	10	BC .. 1605 .. R
	★ F2010.B.200.Z12.15.R765M	200	60	63	15	12	9,6	12	
	★ F2010.B.250.Z12.15.R765M	250	60	63	15	12	16,1	12	
	★ F2010.B.250.Z16.15.R765M	250	60	63	15	16	16,07	16	
 Shell mill mount DIN 138 transverse keyway	★ F2010.B.315.Z14.15.R765M	315	60	80	15	14	27,4	14	BC .. 1605 .. R
	★ F2010.B.315.Z18.15.R765M	315	60	80	15	18	27,5	18	

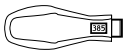
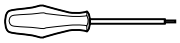
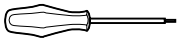
Bodies and assembly parts are included in the scope of delivery

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

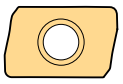
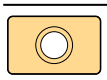
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR765M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 3,5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	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	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	BCGT160508R-G55	G	2	0,8	2	☺	😐	😐	☹		😐	😐		☹		☺			😐	☹	☹				😐	😐		☹
	BCHT160508R-K85	H	2	0,8	2																		☺	😐				
	BCHT160512R-K85	H	2	1,2	1,7																		☺	😐				
	BCHT160516R-K85	H	2	1,6	1,7																		☺	😐				
	BCHT160520R-K85	H	2	2	1,5																		☺	😐				
	BCHT160525R-K85	H	2	2,5	1,4																		☺	😐				
	BCHT160530R-K85	H	2	3	1,2																		☺	😐				
	BCHT160540R-K85	H	2	4	1,1																		☺	😐				
	BCMT160508R-F55	M	2	0,8	2	☺	😐	😐	☹				☹	☹		☺	😐	😐	😐	☹	☹						☹	☹
	BCMT160508R-G55	M	2	0,8	2	☺	😐	😐	☹		😐	😐	☹	☹		☺	😐	😐	😐	☹	☹				😐	😐	☹	☹
	BCMT160508R-K55	M	2	0,8	2		☺	☺	😐		☺	☺	😐	😐						😐	😐				☺	☺	😐	😐
	BCMT160512R-G55	M	2	1,2	1,7		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160516R-G55	M	2	1,6	1,5		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160520R-G55	M	2	2	1,5		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160525R-G55	M	2	2,5	1,4		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160530R-G55	M	2	3	1,2		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160532R-G55	M	2	3,2	1,1		😐	😐	☹					☹						☹	☹							☹
	BCMT160540R-G55	M	2	4	1,1		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160550R-G55	M	2	5	0,7		😐	😐	☹					☹						☹	☹							☹
	BCMT160560R-G55	M	2	6	0,1		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCGX1605PDR-G55	G	2	0,8	8					☺					☺	☺						☺						

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

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

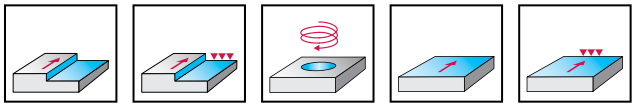
Shoulder milling cutters

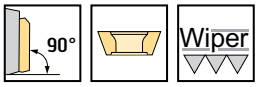
F2010 inch

BC .. 1605 .. R

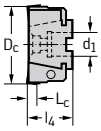
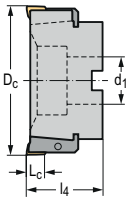
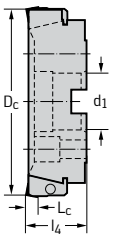
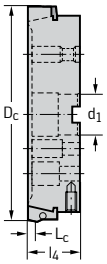


– Adjustable runout
– 2 cutting edges per indexable insert





	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.Z06.15R765M	3,000	1,000	2,000	0,591	6	2,513	6	BC .. 1605 .. R
 Shell mill mount DIN 138 transverse keyway	★ F2010.UB.102.Z07.15R765M	4,000	1,250	2,000	0,591	7	4,057	7	BC .. 1605 .. R
	★ F2010.UB.127.Z08.15R765M	5,000	1,500	2,500	0,591	8	7,716	8	
	★ F2010.UB.152.Z10.15R765M	6,000	1,500	2,500	0,591	10	13,051	10	
 Shell mill mount DIN 138 transverse keyway	★ F2010.UB.203.Z12.15R765M	8,000	2,500	2,500	0,591	12	23,766	12	BC .. 1605 .. R
	★ F2010.UB.254.Z12.15R765M	10,000	2,500	2,500	0,591	12	40,3	12	
	★ F2010.UB.254.Z16.15R765M	10,000	2,500	2,500	0,591	16	40,08	16	
 Shell mill mount DIN 138 transverse keyway	★ F2010.UB.305.Z18.15R765M	12,000	2,500	2,500	0,591	18	68,343	18	BC .. 1605 .. R

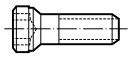
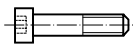
Bodies and assembly parts are included in the scope of delivery

D 2

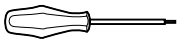
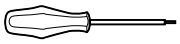
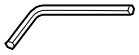
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

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

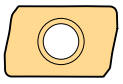
Assembly parts

	D_c [inch]	3	4	5–6	8–12
	Cartridge for tool body	FR765M	FR765M	FR765M	FR765M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm	FS247 (SW 4) 8 Nm	FS247 (SW 4) 8 Nm	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 3,5 Nm	FS2300 (T15IP) 3,5 Nm	FS2300 (T15IP) 3,5 Nm	FS2300 (T15IP) 3,5 Nm
	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	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	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	BCGT160508R-G55	G	2	0,8	2	☺	😐	😐	☹		😐	😐		☹		☺			😐	☹	☹				😐	😐		☹
	BCHT160508R-K85	H	2	0,8	2																		☺	😐				
	BCHT160512R-K85	H	2	1,2	1,7																		☺	😐				
	BCHT160516R-K85	H	2	1,6	1,7																		☺	😐				
	BCHT160520R-K85	H	2	2	1,5																		☺	😐				
	BCHT160525R-K85	H	2	2,5	1,4																		☺	😐				
	BCHT160530R-K85	H	2	3	1,2																		☺	😐				
	BCHT160540R-K85	H	2	4	1,1																		☺	😐				
	BCMT160508R-F55	M	2	0,8	2	☺	😐	😐	☹				☹	☹		☺	😐	😐	😐	☹	☹						☹	☹
	BCMT160508R-G55	M	2	0,8	2	☺	😐	😐	☹		😐	😐	☹	☹		☺	😐	😐	😐	☹	☹				😐	😐	☹	☹
	BCMT160508R-K55	M	2	0,8	2		☺	☺	😐		☺	☺	😐	😐						😐	😐				☺	☺	😐	😐
	BCMT160512R-G55	M	2	1,2	1,7		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160516R-G55	M	2	1,6	1,5		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160520R-G55	M	2	2	1,5		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160525R-G55	M	2	2,5	1,4		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160530R-G55	M	2	3	1,2		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160532R-G55	M	2	3,2	1,1		😐	😐	☹					☹						☹	☹							☹
	BCMT160540R-G55	M	2	4	1,1		😐	😐	☹				☹	☹						☹	☹						☹	☹
	BCMT160550R-G55	M	2	5	0,7		😐	😐	☹					☹						☹	☹							☹
	BCMT160560R-G55	M	2	6	0,1		😐	😐	☹				☹	☹						☹	☹						☹	☹

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

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

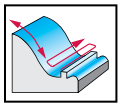
Profile milling cutters

M5460 mm

Xtra·tec® XT



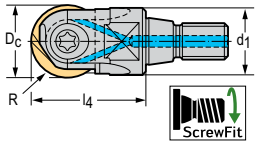
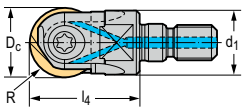
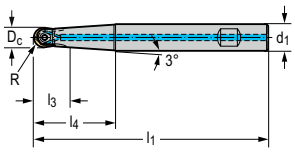
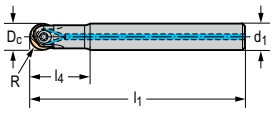
– For HSC machining
– Length dimensions related to metric cutting diameters





	P	M	K	N	S	H	O
M5460	●●	●●	●●		●●	●●	●

Tool

	Designation	D_c mm	R mm	d_1 mm	l_4 mm	l_1 mm	Z	kg	No. of inserts	T Nm	Type
 ScrewFit	★ M5460-008-T09-02-04	8	4	T09	20		2	0,01	1	6	P320 . -D08
	★ M5460-010-T09-02-05	10	5	T09	25		2	0,01	1	6	P320 . -D10
	★ M5460-012-T09-02-06	12	6	T09	25		2	0,01	1	6	P320 . -D12
	★ M5460-012-T14-02-06	12	6	T14	25		2	0,02	1	25	
	★ M5460-016-T14-02-08	16	8	T14	25		2	0,03	1	25	P320 . -D16
	★ M5460-020-T18-02-10	20	10	T18	30		2	0,05	1	50	P320 . -D20
	★ M5460-025-T22-02-12	25	12,5	T22	35		2	0,08	1	80	P320 . -D25
	★ M5460-030-T28-02-15	30	15	T28	40		2	0,15	1	150	P320 . -D30
	★ M5460-032-T28-02-16	32	16	T28	40		2	0,15	1	150	P320 . -D32
 Cylindrical modular	M5460-008-TC06-02-04	8	4	M6	20		2	0,01	1		P320 . -D08
	M5460-010-TC06-02-05	10	5	M6	25		2	0,01	1		P320 . -D10
	M5460-012-TC06-02-06	12	6	M6	25		2	0,01	1		P320 . -D12
	M5460-016-TC08-02-08	16	8	M8	25		2	0,02	1		P320 . -D16
	M5460-020-TC10-02-10	20	10	M10	30		2	0,05	1		P320 . -D20
	M5460-025-TC12-02-12	25	12,5	M12	35		2	0,08	1		P320 . -D25
	M5460-030-TC16-02-15	30	15	M16	40		2	0,14	1		P320 . -D30
	M5460-032-TC16-02-16	32	16	M16	40		2	0,14	1		P320 . -D32
 DIN 1835 B	M5460-008-W12-02-04	8	4	12	50	140	2	0,1	1		P320 . -D08
	M5460-010-W12-02-05	10	5	12	35	150	2	0,11	1		P320 . -D10
	M5460-012-W16-02-06	12	6	16	58,5	160	2	0,2	1		P320 . -D12
	M5460-016-W20-02-08	16	8	20	65	175	2	0,34	1		P320 . -D16
	M5460-020-W25-02-10	20	10	25	76	190	2	0,57	1		P320 . -D20
	M5460-025-W32-02-12	25	12,5	32	98	210	2	1,01	1		P320 . -D25
 Cylindrical shank	M5460-008-A10-02-04	8	4	10	25	110	2	0,05	1		P320 . -D08
	M5460-010-A12-02-05	10	5	12	30	130	2	0,09	1		P320 . -D10
	M5460-012-A12-02-06	12	6	12	32	130	2	0,09	1		P320 . -D12
	M5460-016-A16-02-08	16	8	16	36	140	2	0,18	1		P320 . -D16
	M5460-020-A20-02-10	20	10	20	45	160	2	0,32	1		P320 . -D20
	M5460-025-A25-02-12	25	12,5	25	45	160	2	0,42	1		P320 . -D25
	M5460-030-A32-02-15	30	15	32	56	175	2	0,89	1		P320 . -D30
	M5460-032-A32-02-16	32	16	32	56	175	2	0,9	1		P320 . -D32

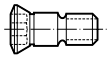
Bodies and assembly parts are included in the scope of delivery

D 2

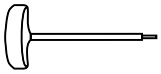
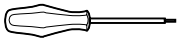
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [mm]	8	10	12	16	20	25	30–32
	Clamping screw for indexable insert Tightening torque	FS397 (T8) 1 Nm	FS390 (T15) 4 Nm	FS391 (T20) 5 Nm	FS392 (T20) 5 Nm	FS393 (T20) 5 Nm	FS394 (T20) 5 Nm	FS395 (T30) 6 Nm

Accessories

	D_c [mm]	8	10	12–25	30–32
	Torque T-handle				FS2041
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2007 (T8)	FS2009 (T15)	FS2010 (T20)	FS2046 (T30)
	Handle key				FS1175 (T30)
	Screwdriver	FS230 (T8)	FS229 (T15)	FS228 (T20)	

Indexable inserts

	Designation	$D_c^{-0,03}$ mm	P				M		K			S		H
				HC	HC			HC		HC			HC	HC
			WHH15X	WKP25	WKP35	WSP46	WSM36	WSP46	WHH15X	WKP25	WKP35	WSM36	WSP46	WHH15X
	P3201-D08	8	☺						☺					☺
	P3201-D10	10	☺	😐	😣				☺	😐	😣			☺
	P3201-D12	12	☺	😐	😣				☺	😐	😣			☺
	P3201-D16	16	☺	😐	😣				☺	😐	😣			☺
	P3201-D20	20	☺	😐	😣				☺	😐	😣			☺
	P3201-D25	25	☺	😐	😣				☺	😐	😣			☺
	P3201-D30	30	☺						☺					☺
	P3201-D32	32	☺						☺					☺
	P3204-D08	8				😣	😐	😣	☺			😐	😣	☺
	P3204-D10	10				😣	😐	😣	☺			😐	😣	☺
	P3204-D12	12				😣	😐	😣	☺			😐	😣	☺
	P3204-D16	16		☺		😣	😐	😣	☺	😐		😐	😣	☺
	P3204-D20	20		☺		😣	😐	😣	☺	😐		😐	😣	☺
	P3204-D25	25				😣	😐	😣	☺			😐	😣	☺
	P3204-D30	30				😣	😐	😣	☺			😐	😣	☺
	P3204-D32	32				😣	😐	😣	☺			😐	😣	☺

HC = beschichtetes Hartmetall

D2

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

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

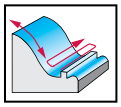
Profile milling cutters

M5460 mm

Xtra·tec® XT



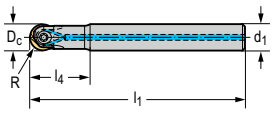
– For HSC machining
– Length dimensions related to metric cutting diameters





	P	M	K	N	S	H	O
M5460	●●	●●	●●		●●	●●	●

Tool



Cylindrical shank

Designation	D_c mm	R mm	d_1 mm	l_4 mm	l_1 mm	Z	kg	No. of inserts	T Nm	Type
★ M5460-008-A08-02-04-C	8	4	8	25	70	2	0,02	1		P320 . -D08
★ M5460-008-A08-02-04-C-L	8	4	8	55	100	2	0,03	1		
★ M5460-008-A08-02-04-C-XL	8	4	8	105	150	2	0,05	1		
★ M5460-010-A10-02-05-C	10	5	10	30	80	2	0,04	1		P320 . -D10
★ M5460-010-A10-02-05-C-L	10	5	10	70	120	2	0,06	1		
★ M5460-010-A10-02-05-C-XL	10	5	10	100	150	2	0,07	1		
★ M5460-012-A12-02-06-C	12	6	12	32	90	2	0,07	1		P320 . -D12
★ M5460-012-A12-02-06-C-L	12	6	12	87	145	2	0,1	1		
★ M5460-012-A12-02-06-C-XL	12	6	12	142	200	2	0,27	1		
★ M5460-016-A16-02-08-C	16	8	16	43	110	2	0,14	1		P320 . -D16
★ M5460-016-A16-02-08-C-L	16	8	16	73	140	2	0,18	1		
★ M5460-016-A16-02-08-C-XL	16	8	16	128	195	2	0,24	1		
★ M5460-020-A20-02-10-C	20	10	20	47	130	2	0,49	1		P320 . -D20
★ M5460-020-A20-02-10-C-L	20	10	20	107	190	2	0,39	1		
★ M5460-025-A25-02-12-C	25	12,5	25	77	160	2	0,9	1		P320 . -D25
★ M5460-025-A25-02-12-C-L	25	12,5	25	167	250	2	1,43	1		

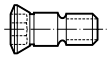
Bodies and assembly parts are included in the scope of delivery

D 2

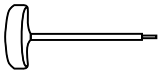
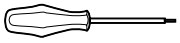
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [mm]	8	10	12	16	20	25	30–32
	Clamping screw for indexable insert Tightening torque	FS397 (T8) 1 Nm	FS390 (T15) 4 Nm	FS391 (T20) 5 Nm	FS392 (T20) 5 Nm	FS393 (T20) 5 Nm	FS394 (T20) 5 Nm	FS395 (T30) 6 Nm

Accessories

	D_c [mm]	8	10	12–25	30–32
	Torque T-handle				FS2041
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2007 (T8)	FS2009 (T15)	FS2010 (T20)	FS2046 (T30)
	Handle key				FS1175 (T30)
	Screwdriver	FS230 (T8)	FS229 (T15)	FS228 (T20)	

Indexable inserts

	Designation	$D_c^{-0,03}$ mm	P				M		K			S		H
				HC	HC			HC		HC			HC	HC
			WHH15X	WKP25	WKP35	WSP46	WSM36	WSP46	WHH15X	WKP25	WKP35	WSM36	WSP46	WHH15X
	P3201-D08	8	☺						☺					☺
	P3201-D10	10	☺	😐	☹				☺	😐	☹			☺
	P3201-D12	12	☺	😐	☹				☺	😐	☹			☺
	P3201-D16	16	☺	😐	☹				☺	😐	☹			☺
	P3201-D20	20	☺	😐	☹				☺	😐	☹			☺
	P3201-D25	25	☺	😐	☹				☺	😐	☹			☺
	P3201-D30	30	☺						☺					☺
	P3201-D32	32	☺						☺					☺
	P3204-D08	8				☹	😐	☹	☺			😐	☹	☺
	P3204-D10	10				☹	😐	☹	☺			😐	☹	☺
	P3204-D12	12				☹	😐	☹	☺			😐	☹	☺
	P3204-D16	16		☺		☹	😐	☹	☺	😐		😐	☹	☺
	P3204-D20	20		☺		☹	😐	☹	☺	😐		😐	☹	☺
	P3204-D25	25				☹	😐	☹	☺			😐	☹	☺
	P3204-D30	30				☹	😐	☹	☺			😐	☹	☺
	P3204-D32	32				☹	😐	☹	☺			😐	☹	☺

HC = beschichtetes Hartmetall

D2

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

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

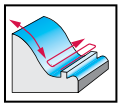
Profile milling cutters

M5460 inch

Xtra·tec® XT

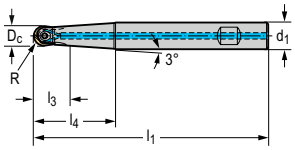


– For HSC machining
– Length dimensions related to metric cutting diameters



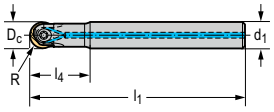
	P	M	K	N	S	H	O
M5460	●●	●●	●●		●●	●●	●

Tool



DIN 1835 B

Designation	D_c inch	R inch	d_1 inch	l_4 inch	l_1 inch	Z	lbs	No. of inserts	Type
M5460.009-W13-02-05	0,375	0,187	0,500	1,378	5,906	2	0,262	1	P320 . -D09.52
M5460.013-W15-02-06	0,500	0,250	0,625	2,303	6,299	2	0,430	1	P320 . -D12.7
M5460.015-W19-02-08	0,625	0,312	0,750	2,559	6,890	2	0,688	1	P320 . -D15.87
M5460.019-W26-02-10	0,750	0,375	1,000	2,992	7,48	2	1,287	1	P320 . -D19.05
M5460.026-W31-02-13	1,000	0,500	1,250	3,858	8,268	2	2,18	1	P320 . -D25.4



Cylindrical shank

Designation	D_c inch	R inch	d_1 inch	l_4 inch	l_1 inch	Z	lbs	No. of inserts	Type
M5460.009-A13-02-05	0,375	0,187	0,500	1,307	5,118	2	0,216	1	P320 . -D09.52
M5460.013-A13-02-06	0,500	0,250	0,500	1,331	5,118	2	0,225	1	P320 . -D12.7
M5460.015-A15-02-08	0,625	0,312	0,625	1,48	5,512	2	0,384	1	P320 . -D15.87
M5460.019-A19-02-10	0,750	0,375	0,750	1,807	6,299	2	0,648	1	P320 . -D19.05
M5460.026-A26-02-13	1,000	0,500	1,000	1,854	6,299	2	1,111	1	P320 . -D25.4

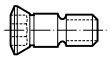
Bodies and assembly parts are included in the scope of delivery

D 2

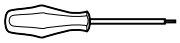
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [inch]	0,375	0,5	0,625	0,75	1
	Clamping screw for indexable insert Tightening torque	FS390 (T15) 4 Nm	FS391 (T20) 5 Nm	FS392 (T20) 5 Nm	FS393 (T20) 5 Nm	FS394 (T20) 5 Nm

Accessories

	D_c [inch]	0,375	0,5–1
	Torque screwdriver, analogue	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2009 (T15)	FS2010 (T20)
	Screwdriver	FS229 (T15)	FS228 (T20)

Indexable inserts

	Designation	$D_c^{-0,03}$ mm	P HC WHH15X	P HC WSP46	M HC WSM36	M HC WSP46	K HC WHH15X	S HC WSM36	S HC WSP46	H HC WHH15X
	P3201-D09.52	9,5	☺				☺			☺
	P3204-D09.52	9,5		☹		☹	☺		☹	☺
	P3201-D12.7	12,7	☺				☺			☺
	P3204-D12.7	12,7		☹	😐	☹	☺	😐	☹	☺
	P3201-D15.87	15,9	☺				☺			☺
	P3204-D15.87	15,9		☹		☹	☺		☹	☺
	P3201-D19.05	19,1	☺				☺			☺
	P3204-D19.05	19,1		☹	😐	☹	☺	😐	☹	☺
	P3201-D25.4	25,4	☺				☺			☺
	P3204-D25.4	25,4		☹		☹	☺		☹	☺

HC = beschichtetes Hartmetall

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

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


Accure·tec

E – Boring bars/adaptors

E1: Stationary boring bars/adaptors		Page
Stationary boring bars/adaptors	Product range overview	
	Walter Capto™ clamping units	430
	Walter Capto™ boring bars/adaptors	431
	VDI boring bars/adaptors, one-piece	432
	Machine-specific adaptors, one-piece	433
	Accure·tec® vibration-damped boring bar adaptor – QuadFit	434

E2: Rotating boring bars/adaptors		Page
Rotating boring bars/adaptors	Product range overview	
	Walter Capto™ boring bars/adaptors	436
	Walter NCT boring bars/adaptors	438
	ScrewFit adaption for front pieces	441
	ConeFit adaptors for milling cutter heads	443
	Boring bars/adaptors, one-piece – HSK, SK	444
	Accure·tec® vibration-damped milling cutter adaptors	448

E2: Assembly parts and accessories – General adaptors		Page
Assembly parts and accessories – General adaptors	Product range overview	
	Assembly parts and accessories – General adaptors	450

Stationary adaptors

				
	VDI DIN 69880 clamping units	**Clamping units**	**Clamping units**	**Clamping units**
Designation	**TYP 2030 / 2040 / 2050 / 2060**	**TYP 2090**	**Typ 2080 / 2085**	**Typ 3000 / 2000 / 20.5**
Machine-side	VDI DIN 69880	Bushing clamp	Square shank	Parallel shank with clamping surface
Tool-side	C3 - C6	C3 - C8	C3 - C5	C3 - C5
Page in catalogue				
QR code				
www.walter-tools.com/woc/	TYP2030	TYP2090	TYP2080	TYP3000

Stationary adaptors

				
	Walter Capto™ – Axial adaptor	**Walter Capto™ – Radial adaptor**	**Walter Capto™ Adaptor – vibration damped**	**Axial adaptor**
Designation	**A2120-C...-P**	**A2121-C...-P**	**A3000-C**	**C.-ASH**
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 - 25 x 25	20 x 20 - 25 x 25	Q25 - Q50	20 x 20 - 3/4 x 3/4
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A2120-C-P	A2121-C-P	A3000-C	C-ASH



Radial adaptor

Designation	**C.-ASHA**
Machine-side	Walter Capto™ in acc. with ISO 26623
Tool-side	32 x 25 - 32 x 32
Page in catalogue	
QR code	
www.walter-tools.com/woc/	C-ASHA

E1

Stationary adaptors



VDI adaptor – DIN 69880 parting blades



VDI adaptor – DIN 69880 parting blades



VDI adaptor – DIN 69880 shank tools



VDI adaptor – DIN 69880 shank tools

Designation	**A2110-V...-P**	**A2111-V...-P**	**A2120-V...-P**	**A2121-V...-P**
Machine-side	VDI DIN 69880	VDI DIN 69880	VDI DIN 69880	VDI DIN 69880
Tool-side	26R - 32R	26R - 32R	20 x 20 - 25 x 25	20 x 20 - 25 x 25
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A2110-V-P	A2111-V-P	A2120-V-P	A2121-V-P



Master VDI DIN 69880

Designation	**AK135M**
Machine-side	VDI DIN 69880
Tool-side	80
Page in catalogue	
QR code	
www.walter-tools.com/woc/	AK135M

E1

Stationary adaptors

				
	BMT adaptor – Parting blades	**Nakamura adaptor – Parting blades**	**BMT adaptor – DIN 69880 shank tools**	**Doosan adaptor – DIN 69880 shank tools**
Designation	**A2110-BT...-P**	**A2110-NA...-P**	**A2120-BT...-P**	**A2120-DO...-P**
Machine-side	BMT	Nakamura	BMT	Doosan
Tool-side	26R - 32R	32R	20 x 20 - 25 x 25	25 x 25
Page in catalogue				
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www.walter-tools.com/woc/	A2110-BT-P	A2110-NA-P	A2120-BT-P	A2120-DO-P

E1

Stationary adaptors







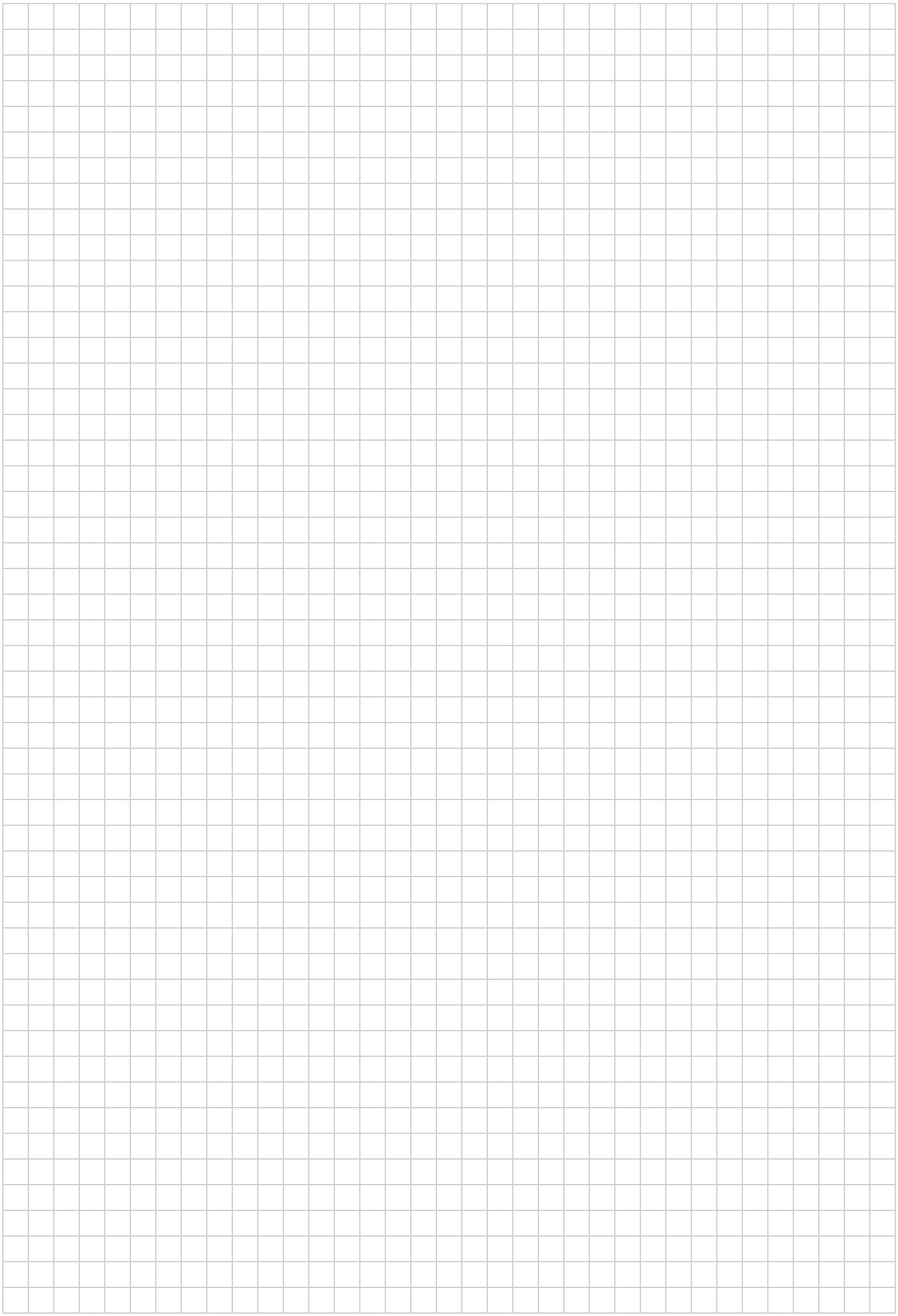


	Cylinder shaft adaptor – vibration damped	Walter Capto™ Adaptor – vibration damped	HSK-T adaptor – vibration damped	Cylinder shaft adaptor – vibration damped
Designation	**A3000**	**A3000-C**	**A3000-HSK-T**	**A3001**
Machine-side	Parallel shank with clamping surface	Walter Capto™ in acc. with ISO 26623	HSK DIN 69893-7	Cylindrical shank
Tool-side	Q25 - Q50	Q25 - Q50	Q25 - Q50	QL60 - QL100
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A3000	A3000-C	A3000-HSK-T	A3001





	Walter Capto™ Adaptor – vibration damped	HSK-T adaptor – vibration damped
Designation	**A3001-C**	**A3001-HSK-T**
Machine-side	Walter Capto™ in acc. with ISO 26623	HSK DIN 69893-7
Tool-side	QL60 - QL80	QL60 - QL80
Page in catalogue		
QR code		
www.walter-tools.com/woc/	A3001-C	A3001-HSK-T



Rotating adaptors

				
	Synchronous thread cutting adaptor	**Walter Capto™ adaptor – vibration damped**	**Shell mill adaptor**	**Walter Capto™ hydraulic expansion chuck ISO 26623-1**
Designation	**AB035-C**	**AC001-C**	**AK155.8.C**	**AK182.C**
Machine-side	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623
Tool-side	ER11 - ER40	16 - 40	1 - 1 1/4	12 - 20
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AB035-C	AC001-C	AK155-8-C	AK182-C

				
	HSK DIN 69893-1 A master	**DIN 69871 AD/B master**	**DIN 69871 AD/B master**	**MAS-BT JIS B 6339 AD/B master**
Designation	**C.-390.410**	**C.-390B.140**	**C.-390B.540 + C.-390.540**	**C.-390B.55 + C.-390B.58**
Machine-side	HSK DIN 69893-1 A	SK DIN 69871 AD/B	SK DIN 69871 AD/B	JIS B 6339 AD/B
Tool-side	C3 - C8	C3 - C8	C3 - C8	C3 - C8
Page in catalogue				
QR code				
www.walter-tools.com/woc/	C-390-410	C-390B-140	C-390B-540	C-390B-55

Rotating adaptors

				
	MAS-BT JIS B 6339 AD/B master	**Extension**	**Reduction adaptor**	**ER collet chucks**
Designation	**C.-390B.555 + C.-390B.558**	**C.-391.01**	**C.-391.02**	**C.-391.14**
Machine-side	SK DIN 69871 AD/B	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623
Tool-side	C3 - C8	C3 - C8	C3 - C6	ER20 - ER40
Page in catalogue				
QR code				
www.walter-tools.com/woc/	C-390B-555	C-391-01	C-391-02	C-391-14

			
	Weldon shank adaptor	**Adaptor for drilling and reaming tools**	**ASME B5.50 master**
Designation	**C.-391.20**	**C.-391.27**	**C.-A390B.45**
Machine-side	Walter Capto™ in acc. with ISO 26623	Walter Capto™ in acc. with ISO 26623	ASME B 5.50
Tool-side	1 - 1 1/4	16 - 40	C3 - C8
Page in catalogue			
QR code			
www.walter-tools.com/woc/	C-391-20	C-391-27	C-A390B-45

Rotating adaptors

				
	DIN 69893-1 A master	**DIN 2080 master**	**DIN 69871-1 AD master**	**ANSI ASME B5.50 master**
Designation	**A100M...HSK**	**A100M.1**	**A100M.2**	**A100M.3**
Machine-side	HSK DIN 69893-1 A	SK DIN 2080 / ISO 2583	SK DIN 69871	ASME B 5.50
Tool-side	25 - 80	32 - 80	25 - 80	63 - 80
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www.walter-tools.com/woc/	A100M-HSK	A100M-1	A100M-2	A100M-3

				
	MAS-BT JIS B 6339 master	**Walter Capto™ master**	**ANSI ASME B5.50 Master**	**Extension adaptor**
Designation	**A100M.4**	**A100M.8**	**A100M.U3**	**A101M**
Machine-side	JIS B 6339	Walter Capto™ in acc. with ISO 26623	ASME B 5.50	Modular NCT adaptor
Tool-side	25 - 80	25 - 80	25 - 80	25 - 80
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www.walter-tools.com/woc/	A100M-4	A100M-8	A100M-U3	A101M

Rotating adaptors



Reduction adaptor



Expansion adaptor



Combination adaptor



Shell mill adaptor

Designation	A102M	A103M	A150M	A155M
Machine-side	Modular NCT adaptor	Modular NCT adaptor	Modular NCT adaptor	Modular NCT adaptor
Tool-side	25 - 63	80	16 - 60	22 - 60
Page in catalogue				
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www.walter-tools.com/woc/	A102M	A103M	A150M	A155M



Weldon shank adaptor



Adaptor for eccentric sleeve



DIN 1835 B milling cutter extension



Small drill chuck

Designation	A170M	A170M...Ex	A175	A201M
Machine-side	Modular NCT adaptor	Modular NCT adaptor	DIN 1835 B	Modular NCT adaptor
Tool-side	10 - 40	32 - 50	5 - 4 (5/32)	1 - 13
Page in catalogue				
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www.walter-tools.com/woc/	A170M	A170M-EX	A175	A201M

Rotating adaptors



DIN 1835 B ER collet chuck



Tap quick-change chuck



Synchronous thread cutting adaptor



Shell mill adaptor

Designation	A305	A320M	AB035-N	AK155M
Machine-side	DIN 1835 B	Modular NCT adaptor	Modular NCT adaptor	Modular NCT adaptor
Tool-side	ER11 - ER16	1 - 5	ER20 - ER25	16 - 40
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A305	A320M	AB035-N	AK155M



Shell mill adaptor



DIN 69871-1 AD/B master



ER collet chucks

Designation	AK155M.U0	AK200M.2	AK300M
Machine-side	Modular NCT adaptor	SK DIN 69871 AD/B	Modular NCT adaptor
Tool-side	1 - 1 1/4	40 - 80	ER16 - ER40
Page in catalogue			
QR code			
www.walter-tools.com/woc/	AK155M-U0	AK200M-2	AK300M

Rotating adaptors

				
	DIN 1835 A adaptor	**Walter Capto™ adaptor – vibration damped**	**HSK adaptor – vibration-damped**	**MAS-BT adaptor – vibration-damped**
Designation	**A510**	**AC060-C**	**AC060-H**	**AC060-J**
Machine-side	Cylindrical shank	Walter Capto™ in acc. with ISO 26623	HSK DIN 69893-1 A	JIS B 6339 AD/B
Tool-side	T09 - T28	T18 - T28	T18 - T28	T18 - T28
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A510	AC060-C	AC060-H	AC060-J

				
	SK adaptor – vibration-damped	**ER collet chucks**	**DIN 1835 A adaptor**	**DIN 1835 A adaptor**
Designation	**AC060-S**	**AK300.T**	**AK510**	**AK512**
Machine-side	SK DIN 69871 AD/B	ScrewFit	Cylindrical shank	Cylindrical shank
Tool-side	T18 - T28	ER11 - ER25	T09 - T45	T14 - T28
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AC060-S	AK300-T	AK510	AK512

Rotating adaptors

				
	NCT adaptor	**DIN 69893-1 A adaptor**	**DIN 69893-1 A adaptor**	**DIN 69871 AD/B adaptor**
Designation	**AK520**	**AK530**	**AK531**	**AK540**
Machine-side	Modular NCT adaptor	HSK DIN 69893-1 A	HSK DIN 69893-1 A	SK DIN 69871 AD/B
Tool-side	T18 - T45	T09 - T45	T18 - T45	T09 - T45
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AK520	AK530	AK531	AK540

		
	DIN 69871 AD/B adaptor	**Walter Capto™ adaptor**
Designation	**AK541**	**AK580.C**
Machine-side	SK DIN 69871 AD/B	Walter Capto™ in acc. with ISO 26623
Tool-side	T18 - T45	T14 - T45
Page in catalogue		
QR code		
www.walter-tools.com/woc/	AK541	AK580-C

Rotating adaptors



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
Page in catalogue			
QR code			
www.walter-tools.com/woc/	AK610	AK631	AK681

Rotating adaptors

				
	DIN 69893-1 A shell mill arbor	**MAS-BT JIS B 6339 shell mill arbor**	**DIN69871-A shell mill arbor**	**DIN 69893-1 A Weldon adaptor**
Designation	**A155...HSK**	**A155.BT**	**A155.S**	**A170...HSK**
Machine-side	HSK DIN 69893-1 A	JIS B 6339	SK DIN 69871 AD/B	HSK DIN 69893-1 A
Tool-side	22 - 60	16 - 60	22 - 60	6 - 40
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A155-HSK	A155-BT	A155-S	A170-HSK

				
	DIN 69893-1 A shrink-fit adaptor	**ASME B5.50 shell end milling cutter arbor**	**ASME B5.50 ER collet chuck**	**DIN 69893-1 A slim hydraulic expansion chuck**
Designation	**A560.H**	**AB001.K**	**AB009.K**	**AB019-H**
Machine-side	HSK DIN 69893-1 A	ASME B 5.50	ASME B 5.50	HSK DIN 69893-1 A
Tool-side	5 - 25	1 - 2 1/2	ER16 - ER40	6 - 20
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A560-H	AB001-K	AB009-K	AB019-H

Rotating adaptors

				
	Synchronous thread cutting adaptor	**Synchronous thread cutting adaptor**	**Synchronous thread cutting adaptor**	**Synchronous thread cutting adaptor**
Designation	**AB035-H**	**AB035-J**	**AB035-S**	**AB035-W**
Machine-side	HSK DIN 69893-1 A	JIS B 6339	SK DIN 69871	DIN 6535 HE, turned 180° DIN 6535 HB
Tool-side	ER20 - ER40	ER11 - ER40	ER20 - ER40	ER11 - ER25
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AB035-H	AB035-J	AB035-S	AB035-W

				
	ASME B5.50 Weldon shank adaptor	**HSK adaptor – Vibration-damped**	**MAS-BT adaptor – Vibration-damped**	**SK adaptor – Vibration-damped**
Designation	**AB044.K**	**AC001-H**	**AC001-J**	**AC001-S**
Machine-side	ASME B 5.50	HSK DIN 69893-1 A	JIS B 6339 AD/B	SK DIN 69871 AD/B
Tool-side	1 - 1 1/4	16 - 40	16 - 40	16 - 40
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AB044-K	AC001-H	AC001-J	AC001-S

Rotating adaptors

				
	CAT-V adaptor – Vibration-damped	**DIN 69893-1 A shell mill arbor**	**MAS-BT JIS B 6339 shell mill arbor**	**DIN 69871 AD/B shell mill arbor**
Designation	**AC001.K**	**AK155...HSK**	**AK155.BT**	**AK155.S**
Machine-side	ASME B 5.50	HSK DIN 69893-1 A	JIS B 6339	SK DIN 69871 AD/B
Tool-side	1 - 1 1/2	16 - 40	16 - 32	16 - 32
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AC001-K	AK155-HSK	AK155-BT	AK155-S

				
	MAS-BT JIS B 6339 Weldon adaptor	**DIN 69871 AD/B Weldon adaptor**	**MAS-BT JIS B 6339 hydraulic expansion chuck**	**ASME B5.50 hydraulic expansion chuck**
Designation	**AK170.BT**	**AK170.S**	**AK182.BT**	**AK182.CAT**
Machine-side	JIS B 6339	SK DIN 69871 AD/B	JIS B 6339	ASME B 5.50
Tool-side	6 - 40	6 - 40	12 - 32	20 - 32
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AK170-BT	AK170-S	AK182-BT	AK182-CAT

Rotating adaptors



DIN 69893-1 A hydraulic expansion chuck



DIN 69871 hydraulic expansion chuck



DIN 69893-1 A ER collet chuck



MAS-BT JIS B 6339 ER collet chuck

Designation	AK182.H	AK182.S	AK300...HSK	AK300.BT
Machine-side	HSK DIN 69893-1 A	SK DIN 69871 AD/B	HSK DIN 69893-1 A	SKG-50 _x_
Tool-side	12 - 32	12 - 32	ER16 - ER40	ER16 - ER40
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AK182-H	AK182-S	AK300-HSK	AK300-BT



DIN 69871 A ER collet chuck

Designation	AK300.S
Machine-side	SKG-10 _x_
Tool-side	ER16 - ER40
Page in catalogue	
QR code	
www.walter-tools.com/woc/	AK300-S

Rotating adaptors

				
	Walter Capto™ adaptor – vibration damped	**HSK adaptor – Vibration-damped**	**MAS-BT adaptor – Vibration-damped**	**SK adaptor – Vibration-damped**
Designation	**AC001-C**	**AC001-H**	**AC001-J**	**AC001-S**
Machine-side	Walter Capto™ in acc. with ISO 26623	HSK DIN 69893-1 A	JIS B 6339 AD/B	SK DIN 69871 AD/B
Tool-side	16 - 40	16 - 40	16 - 40	16 - 40
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AC001-C	AC001-H	AC001-J	AC001-S

				
	CAT-V adaptor – Vibration-damped	**Walter Capto™ adaptor – vibration damped**	**HSK adaptor – vibration-damped**	**MAS-BT adaptor – vibration-damped**
Designation	**AC001.K**	**AC060-C**	**AC060-H**	**AC060-J**
Machine-side	ASME B 5.50	Walter Capto™ in acc. with ISO 26623	HSK DIN 69893-1 A	JIS B 6339 AD/B
Tool-side	1 - 1 1/2	T18 - T28	T18 - T28	T18 - T28
Page in catalogue				
QR code				
www.walter-tools.com/woc/	AC001-K	AC060-C	AC060-H	AC060-J

Rotating adaptors



SK adaptor – vibration-damped

Designation	AC060-S
Machine-side	SK DIN 69871 AD/B
Tool-side	T18 - T28
Page in catalogue	
QR code	
www.walter-tools.com/woc/	AC060-S

General information – Adaptors



Boring bar adaptor



Quick-change collet



Synchronised quick-change ER collet



Synchronised quick-change collet

Designation	**A2140-W**	**A331**	**AB735-ER**	**AB735-ER-R**
Machine-side	Cylindrical shank with flat	Tap adapter SES	DIN 6499	Tap adapter SES
Tool-side	6 - 25	10.00 x 8.00 - 9.00 x 7.00	8 - 19	10.00 x 8.00 - 9.00 x 7.00
Page in catalogue				
QR code				
www.walter-tools.com/woc/	A2140-W	A331	AB735-ER	AB735-ER-R



DIN 6499 ER collets



DIN 6499 ER tapping collets



Adaptor sleeves for peripheral cooling



Cooling nozzles for ER collets

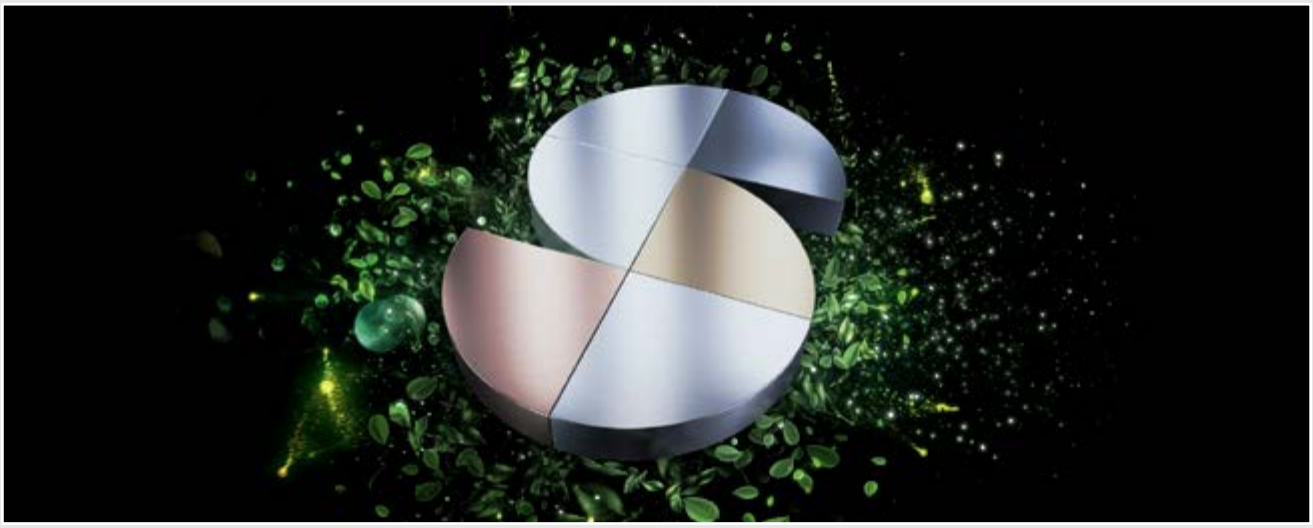
Designation	**C330**	**C340**	**FS...**	**GL00..**
Machine-side	DIN 6499	DIN 6499	Cylindrical shank	
Tool-side	1.0 - 0.5 - 6.00 - 5.50	10.00 x 8.00 - 9.00 x 7.00	3 - 25	ER32
Page in catalogue				
QR code				
www.walter-tools.com/woc/	C330	C340	FS	GL00

General information – Adaptors



Adaptor sleeves for peripheral cooling

Designation	**SL...**	
Machine-side	Cylindrical shank	
Tool-side	1 - 3/16	
Page in catalogue		
QR code		
www.walter-tools.com/woc/	SL	



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 (for example through resource-saving, energy-efficient and CO_2-offset production) 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)
- VDA 6.4 (Production equipment for the automotive industry)
- ISO 14001 (Environmental management)
- ISO 45001 (Occupational health and safety management)
- ISO 50001 (Energy management)

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.

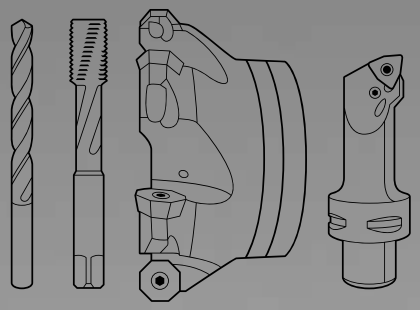


Quality management
Walter is continuously improving its products and processes. We ensure our product quality using effective measures and procedures – and check it on a regular basis with our comprehensive quality management system.

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