WALTER
Engineering Kompetenz

Turning, drilling, milling, threading, adaptors

Product Innovations catalogue
Edition 2026-1

_ A PASSION TO WIN.

Walter Programme and Innovations 2026

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.

A1 - ISO turning

Information about Walter GPS – Turning		14

Indexable insert	Programme	order pages
ISO indexable inserts – Negative basic shape	16	20
ISO indexable inserts – The positive basic shape	17	26
Inserts copy turning system – WL	18	32
ISO indexable inserts – CBN / PCD / ceramic	19	33

Walter Turn turning tools – external machining	Programme	order pages
Shank tools – Negative basic shape	35	36

A2 - Grooving

Cutting insert	Programme	order pages
Single, double and cutting inserts with multiple cutting edges	39	42
Solid carbide mini drill rods	40	45

Grooving tools	Programme	Page
Shank tools/parting blades	70	74
boring bars	72	91

B1 - Drilling from solid

Information about Walter GPS – holemaking		100

Cutting insert		order pages
Indexable inserts for holemaking		102
Exchangeable heads for holemaking		103

Drilling tools with cutting inserts	Programme	order pages
Exchangeable-head drill	106	108

B2 - Boring and precision boring

Indexable inserts for boring and precision boring	Page
Indexable inserts for boring and precision boring	132

C3 - Thread milling

Information about Walter GPS – Threading		136

Thread milling cutter without countersink	Programme	Page
Thread milling cutter without countersink	138	139

D1 - Solid carbide, PCD and ceramic milling tools

Information about Walter GPS – Milling	164

solid carbide milling tool	Programme	order pages
Shoulder/slot milling cutters	166	171
Copy milling cutter	167	191
Profiling cutter	168	198
Circle segment milling cutters	169	201
Orbital drill mills	170	203

D2 - Milling tools with indexable inserts

Indexable inserts for milling	order pages
Negative indexable inserts	204

Indexable insert milling cutter	Programme	order pages
High-feed milling cutter	206	208
shoulder milling cutter	207	212

E2 - Rotating boring bars/adaptors

Rotating boring bars/adaptors	Programme	order pages
ConeFit adaptors for milling heads	238	239

Drion·tec® E-Peak

The Peak of Productivity

Technologies at Walter

Cutting tool materials grades

Tiger·tec® Gold

Tiger·tec® Gold – unique indexable insert coatings the latest generation

Tiger·tec® Gold enables maximum tool life and process reliability. Depending on the application, the new Walter grades are based on PVD, CVD or ULP technology.

Unique coating properties, protected by multiple patents, guarantee optimum protection against the types of wear that determine service life and ensure outstanding performance.

Turning / Grooving

Groov·tec®

Groov·tec® – the latest generation of Walter high-performance grooving tools

Groov·tec® Grooving tools are characterised by maximum stability, which enables high cutting data and leads to maximum tool life for the toolholder and indexable inserts. At the same time, the systems maximizes process reliability through controlled chip breaking.

Groov·tec® GD

Groov·tec® GD grooving system with globally unique double serrations

Groov·tec® GD stands out thanks to the highly stable double serrations of the interface between the indexable insert and the toolholder.

The unique connection prevents the insert from being deflected by lateral forces and enables the use of maximum process parameters – for maximum tool life of indexable inserts and toolholders as well as maximum productivity and process reliability.

Adaptors

Accure·tec®

Accure·tec®, maximum vibration damping during turning, milling and holemaking

The patented Walter Accure·tec® technology for boring bars for turning and adaptors for milling ensures maximum vibration damping.

Ideal for turning, milling and drilling operations with large tool projections.

Indexable insert drills

Drion·tec®

Drion·tec® – Walter drilling tool solutions with replaceable cutting edges

Drion·tec® refers to Walter drilling tool solutions with replaceable cutting edges – with indexable inserts, interchangeable heads or exchangeable tips.

Drion·tec® Drills are characterised by their cost-effectiveness, high precision and universal applicability. Thanks to a wide product range, they are ideal for specialised mass production as well as for specific applications and mixed production.

Drion·tec® D-Spade

Drion·tec® D-Spade drilling tools with double-sided exchangeable tips

Drion·tec® D-Spade drills from Walter are characterised by their globally unique, double-sided exchangeable tip. The flank face of the first cutting edge serves as a support surface for the second, which doubles the tool life of the insert.

In combination with ground and polished chip clearance spaces and the precision cooling of the Drion·tec® D-Spade drill bits significantly reduce the cost per part.

Drion·tec® E-Peak

Drion·tec® E-Peak exchangeable head drill with patented cutting edge design

Drion·tec® E-Peak exchangeable head drills are characterised by their uniquely stable cutting edge design with a high carbide mass in the exchangeable head. This enables maximum feed rates, metal removal rates and consequently, productivity.

The three-dimensional flute geometry of the drilling head, combined with the powerful Internal coolant, ensures the efficient removal of chips and high process reliability in all ISO materials.

Technologies at Walter (continued)

Solid carbide and HSS Drills

Drivox·tec®

Drivox·tec® Drilling tools for high output, quality and process reliability

Drivox·tec® Drilling tools combine all of Walter's technological advances from decades of development and represent the latest evolution in holemaking – both in terms of macro and micro geometries such as margin profiles or edge preparation and in terms of manufacturing and coating technologies.

Drivox·tec® Ikon

Drivox·tec® Ikon solid carbide drills, premium problem solvers in ISO P & K

The Drivox·tec® Ikon solid carbide drills are considered the premium solution for steel and cast iron. Their patented margin design and Krato·tec® Multi-layer coating that provides maximum wear protection.

In combination with the innovative point geometry of the drills, they enable outstanding tool life, good centering and maximum process reliability.

X·treme Evo™

X·treme Evo™, Walter solid carbide drilling tools of the next generation

For Walter, the X·treme Evo™ solid carbide drills DC260 & DC160 Advance, X·treme Evo™ Plus DC180 Supreme and X·treme Evo™ 3 DC183 Supreme embody 'next-generation holemaking': versatile for use with a wide range of materials and machine concepts – with outstanding tool life, productivity and process reliability.

XD Technology

XD Technology – deep-hole drilling without pecking up to 70 × D_c

Walter solid carbide drilling tools are known for their precision, performance and cost-effectiveness when drilling almost any material. XD Technology stands for deep hole drilling without pecking up to 70 × D_c with the highest precision and cost-effectiveness.

Krato·tec®

Krato·tec® – Unique Walter coating technology for solid carbide tools

The Krato·tec® Coating technology for solid carbide tools essentially consists of an exceptionally high level of fracture resistance in the form of an AlTiN multi-layer coating with a textured top layer.

The special layer architecture is highly wear- and adhesion-resistant, even at high cutting speeds, making the tools universally applicable.

Technologies at Walter (continued)

Threading

Thread·tec®

Thread·tec® – Walter threading tools for performance and process reliability

Thread·tec® Thread cutting tools combine the latest technical developments and proven properties in tool geometries and coatings to form a comprehensive product range covering all dimensions and tolerances: with high output and process reliability, they can be used for any application – whether for thread milling, thread forming or tapping.

Thread·tec® Omni

Thread·tec® Omni HSS-E tap – universal, reliable and productive

With the Thread·tec® With Omni HSS-E taps, Walter offers one of the world's most comprehensive product ranges for tapping blind and through holes: in three grades for almost all materials – and with over 1,000 items in all common profiles and diameters.

Universally applicable for 80% of all applications, highly reliable and productive.

Thrill·tec®

Thrill·tec® Circular drill/thread mill – three functions in one tool

Thrilltec® Circular drill/thread mills combine three machining operations in a single operation: chamfering, core hole drilling and thread cutting.

Their special combination of substrate, coating and geometry gives the tools a long tool life. Combining several machining steps enables extremely short machining times and saves both tools and machine space.

Solid carbide milling cutters

Xill·tec®

Xill·tec® – Uniquely broad and universally applicable solid carbide cutter range

With Xill·tec® Walter offers a uniquely wide range of solid carbide milling cutters: with a wide variety of dimensions, numbers of teeth and shank variants.

This means that users are ideally equipped for all conceivable milling operations and ISO materials. Universally applicable – with excellent quality.

Xill·tec®Aero

Xill·tec® Aero – Solid carbide cutters for aerospace and other industries

Xill·tec® Aero solid carbide cutters are specially designed to meet the requirements of the aerospace industry, but can also be used universally thanks to the wide range available.

Whether roughing, finishing or dynamic milling: their high-performance grade and geometry with and without chip breakers optimize chip removal and operational smoothness in Stainless steels and Titanium; also suitable for a secondary application in ISO materials P, K and N.

Technologies at Walter (continued)

Indexable insert milling cutters

Walter BLAXX™

Walter BLAXX™ – setting the standard for a new generation of milling cutters

Their special surface treatment makes the bodies of Walter BLAXX™ milling tools extremely robust.

The predominantly tangential milling systems are equipped with Tiger·tec® Indexable inserts. Tools marked "Walter BLAXX™" combine high Wear resistance with unbeatable Performance data.

Xtra·tec® S3

Walter Xtra·tec® S3 milling cutter, developed for today's machining requirements

Their intelligent design features enhance Walter Xtra·tec® S3 milling cutters improve tool stability and coolant supply efficiency and simplify tool selection.

This helps machine operators to perform safe and precise milling. Each feature reduces complexity and increases output – for reliable processes and high productivity.

Xtra·tec®XT

Xtra·tec® XT – the "Xtended" technology in Milling

Xtra·tec® XT is a highly developed generation of Walter milling tools.

As "Xtended" technology from Xtra·tec® It opens up a whole new world of productivity and process reliability. It can be used for almost all milling operations in all common material groups: more stable, more productive and more economical than ever before.

Xtra·tec®

Xtra·tec® – for maximum productivity and process reliability

Xtra·tec® Indexable insert milling cutters enable extremely smooth cutting and the best surface quality in almost any material.

The indexable inserts with highly positive geometries and Tiger·tec® Coatings have a particularly favorable hardness/toughness ratio.

For maximum productivity and process reliability.

Services

Walter Xpress™

Walter Xpress™ – Walter's fast ordering and delivery service

Walter Xpress™ is the fast ordering and delivery service for high-quality special tools: available for around 10,000 tool variants; delivery time maximum 2–4 weeks from receipt of purchase order! The ordering process is clearly structured and guarantees absolute planning reliability.

All enquiries will be calculated and provided as a quotation within 24 hours.

Technologies at Walter (continued)

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

Walter ConeFit is an extremely flexible solid carbide milling system with a wide range of high-performance indexable inserts and shank variants. Its conical thread is self-centering, guaranteeing maximum stability and Concentricity.

Walter ScrewFit users benefit from maximum flexibility. The modular interface is suitable for a wide variety of adaptors as well as tool diameters and lengths for milling and holemaking.

The precision-ground QuadFit interface with taper and support face characterises the vibration-damped boring bars for turning and thread turning with Walter Accure·tec® Technology. The interchangeable head system, which can be rotated through 180°, enables quick tool changes with maximum repeatability.

During turning, grooving and milling operations, Walter precision cooling cools the cutting edge during chip formation. Its multiple coolant jets hit the rake face and chip face precisely. During drilling operations, the coolant jet exits close to the cutting edge. This results in significantly improved tool life, better Chip breaking and chip removal, as well as greater efficiency and higher quality.

Walter DeVibe has the designation for an anti-vibration technology for thread milling cutters. Essentially, it consists of an "anti-vibration land" that reinforces the clearance angle on the flank face. This supports the tool and minimizes vibrations. DeVibe enables higher surface qualities and cutting data, particularly for fine-pitch threads – regardless of clamping conditions, changing cutting values or the milling strategy.

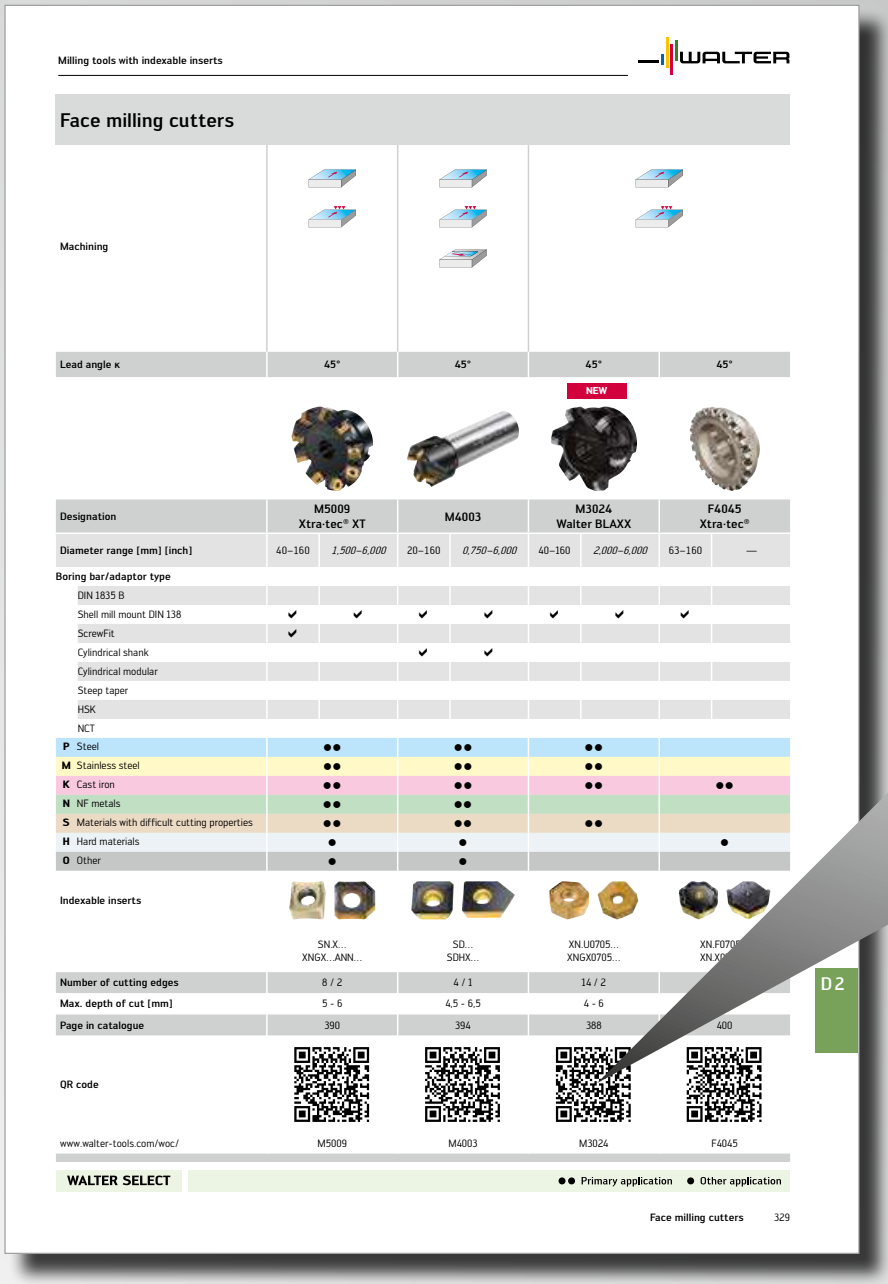
"Flash" refers to special solid carbide milling cutters for high-feed milling. Their end-face geometry reduces the chip thickness "h" and thus enables very high feed rates per tooth. Any forces that occur are diverted axially to the center of the tool, which stabilizes the machining process.

On Walter tool holders with "SmartLock", the clamping screw can be operated from the side. This enables quick and easy insert replacement in the machine. This significantly reduces changeover times. Preferably used on sliding headstock automatic lathes and multi-spindle machines.

WedgeFit is an interface for grooving and turning applications. Its double wedge ensures that the cutting forces are absorbed not only by the clamping screw, but also by the two wedges. In addition to easy handling, this ensures exceptionally high stability and rigidity. Over 1,000 possible combinations of modular and carrier tool maximize the flexibility of the system.

The structure of the new Walter General Catalogue

The new Walter General Catalogue presents information about products and applications in a comprehensive and clear manner as an e-document – including direct links to the Walter online catalogue.



Milling tools with indexable inserts

Face milling cutters

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

WALTER SELECT ●● Primary application ● Other application

D2

Face milling cutters 329

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

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

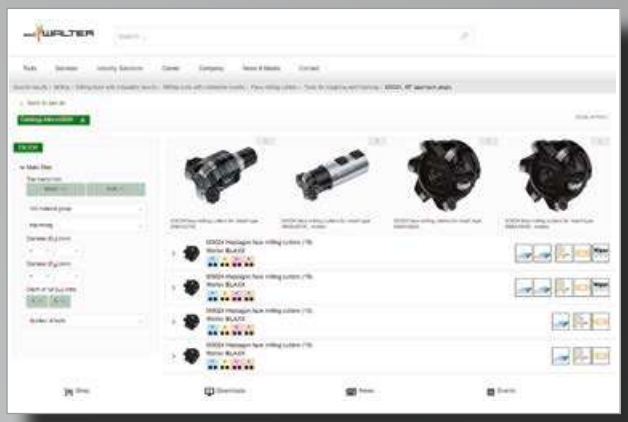
NEW Tools with this icon are product innovations and are displayed in this way in the product range overviews.

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

Scan the QR code

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

M3024



Direct link

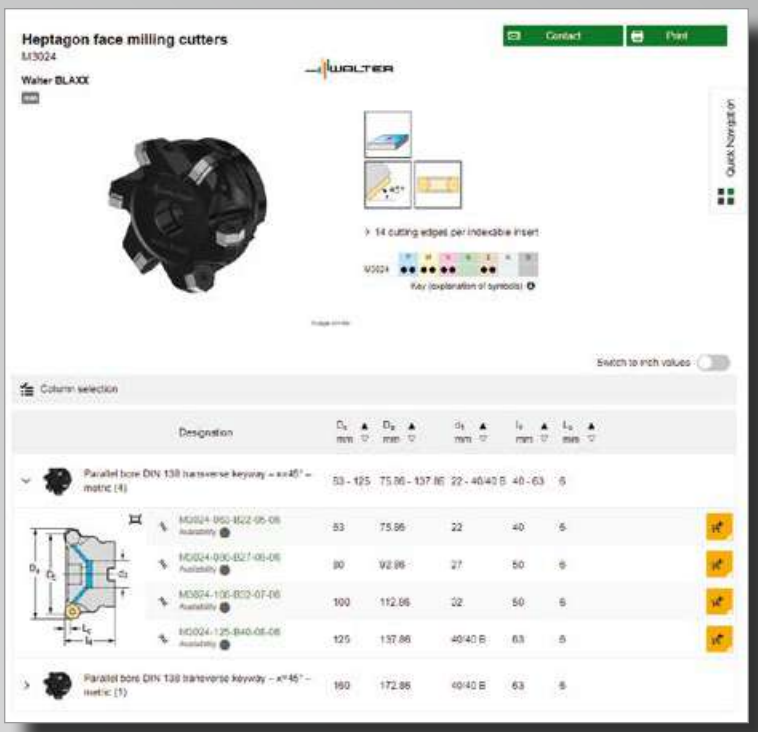
As well as scanning the QR code, you can also type the link directly into your browser:

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

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

Detailed overview of product data

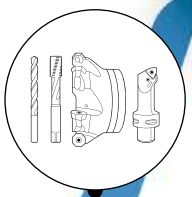
Depending on the product, the information available here or on the following product details page will include dimensions, corresponding indexable inserts, adaptors, and accessories, as well as direct links to additional information such as cutting data recommendations via Walter GPS or technical information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

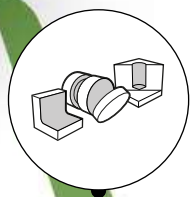


How to use Walter GPS

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

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





A SEARCH PRODUCT-RELATED

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

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

B SEARCH APPLICATION-RELATED

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

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

Select **material** and …

… **application**

Enter specific **tool**

Select **material** and …

… **application**

HOW WALTER GPS BENEFITS YOU

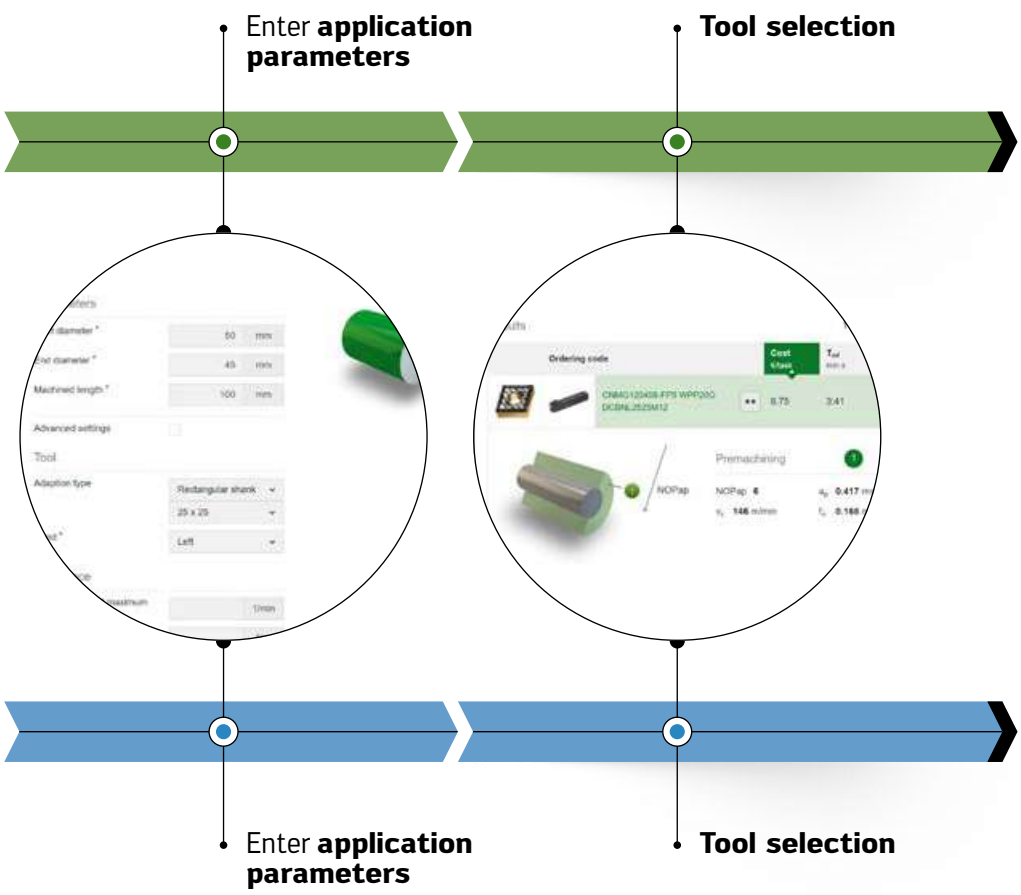
- **Find the right tool solution for your machining task –** quickly and based on your machining objective (e.g. maximum cost-efficiency).
- **Get reliable cutting data for your tool –** calculated according to your specifications: For your tool, your application and your material.
- **Ideal for calculating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

Launch Walter GPS now

Your navigation system for the best machining solution

www.walter-tools.com/gps

RESULT



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

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

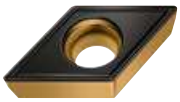
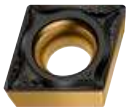
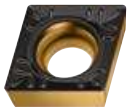
ISO indexable inserts – Negative basic shape

Machining	Finishing operation	Medium machining			
	NEW	NEW	NEW	NEW	NEW
		Wiper			
Geometry	**FM5**	**MW5**	**MS3**	**MM5**	**MU5**
Indexable inserts basic shape	C, D, T, V, W	C, W	C	C, D, S, T, V, W	C, D, W
P Steel	●	●●	●	●	●●
M Stainless steel	●●	●●	●	●●	●●
K Cast iron		●●			●
N NF metals			●		
S Materials with difficult cutting properties	●●	●	●●	●●	●
H Hard materials					
O Other					
a_p [mm]	0,1–2,0	0,8–4,0	0,6–5,0	0,5–5,0	0,5–7,0
f [mm]	0,03–0,25	0,15–0,70	0,12–0,50	0,10–0,45	0,15–0,55
Page in catalogue	**20**	**20**	**20**	**20**	**20**
QR code					
www.walter-tools.com/woc/	FM5	MW5	MS3	MM5	MU5

Machining	Roughing		Roughing
	NEW	NEW	NEW
Geometry	**RM5**	**RM7**	**HU5**
Indexable inserts basic shape	C, D, S, T, W	C, D, S, T, W	C, 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]	1,2–8,0	1,2–8,5	1,0–12,0
f [mm]	0,20–0,80	0,20–0,85	0,25–1,20
Page in catalogue	**20**	**20**	**20**
QR code			
www.walter-tools.com/woc/	RM5	RM7	HU5

WALTER SELECT ●● Primary application ● Other application

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

Machining	Finishing operation			Medium machining	Roughing
	NEW	NEW	NEW	NEW	NEW
					
Geometry	**FM2**	**FM4**	**FM6**	**MM4**	**RM4**
Indexable inserts basic shape	C, D, V	C, D, R, S, T, V	D, S, V	C, D, S, T, V	C, D, R, 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]	0,1–3,5	0,1–5,0	0,3–2,5	0,2–3,5	0,4–7,0
f [mm]	0,02–0,30	0,02–0,40	0,08–0,32	0,04–0,35	0,08–1,20
Page in catalogue	**26**	**26**	**27**	**26**	**26**
QR code					
www.walter-tools.com/woc/	FM2	FM4	FM6	MM4	RM4

WALTER SELECT

●● Primary application ● Other application

Inserts copy turning system – WL

Machining	Finishing operation	Medium machining
	NEW	NEW
Geometry	**FM4**	**MM4**
Indexable inserts basic shape	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	0,1–2,5
f [mm]	0,04–0,25	0,05–0,40
Page in catalogue	**32**	**32**
QR code		
www.walter-tools.com/woc/	FM4	MM4

WALTER SELECT

●● Primary application ● Other application

Indexable inserts for copy turning system – WL CBN inserts

Machining	Finishing operation	
	NEW	NEW Chipbreaker
Geometry	**FS**	**FSM3**
Indexable inserts basic shape	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]	0,1–3,0	0,1–3,0
f [mm]	0,03–0,38	0,03–0,38
Page in catalogue	**33**	**33**
QR code		
www.walter-tools.com/woc/	FS	FSM3

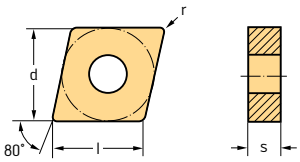
WALTER SELECT

●● Primary application ● Other application

Turning Insert – Negative rhombic 80°

CNMG / CNMM

Tiger·tec® Gold



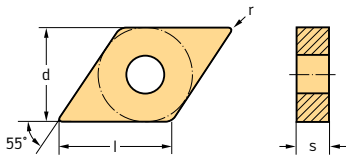
Indexable inserts

	Designation	r mm	l mm	f mm	a_p mm	P HC WPP05G	P HC WPP10G	P HC WPP20G	P HC WMP20G	P HC WMP30G	M HC WSM01	M HC WSM10S	M HC WMP20G	M HC WSM20S	M HC WMP30G	M HC WSM30S	K HC WKK10S	K HC WKK20S	S HC WSM01	S HC WSM10S	S HC WSM20S	S HC WSM30S	S HW WS10
	CNMG120402-FM5	0,2	12,9	0,03–0,10	0,1–1,0							☺		☺						☺	☺		
	CNMG120404-FM5	0,4	12,9	0,05–0,15	0,2–1,5				☹		☺	☺	☺	☺					☺	☺	☺		
	CNMG120408-FM5	0,8	12,9	0,07–0,20	0,4–1,5				☹		☺	☺	☺	☺					☺	☺	☺		
	CNMG120412-FM5	1,2	12,9	0,10–0,25	0,5–2,0									☺							☺		
Wiper	CNMG120408-MW5	0,8	12,9	0,20–0,65	0,8–4,0	☺	☺	☺	☹				☺				☺	☺					
	CNMG120412-MW5	1,2	12,9	0,25–0,70	1,5–4,0	☺	☺	☺	☹				☺				☺	☺					
	CNMG120404-MS3	0,4	12,9	0,12–0,25	0,6–3,0			☺			☺	☺		☺		☹			☺	☺	☺	☹	☺
	CNMG120408-MS3	0,8	12,9	0,15–0,30	0,8–3,0		☺	☺	☹		☺	☺	☺	☺		☹			☺	☺	☺	☹	
	CNMG120412-MS3	1,2	12,9	0,15–0,40	1,0–3,5			☺			☺	☺							☺	☺			
	CNMG190612-MS3	1,2	19,34	0,18–0,50	1,2–5,0						☺			☺					☺		☺		
	CNMG120404-MM5	0,4	12,9	0,10–0,20	0,5–3,0				☹	☹		☺	☺	☺	☹	☹				☺	☺	☹	
	CNMG120408-MM5	0,8	12,9	0,15–0,32	0,8–3,0				☹	☹		☺	☺	☺	☹	☹				☺	☺	☹	
	CNMG120412-MM5	1,2	12,9	0,15–0,35	0,8–3,5				☹	☹		☺	☺	☺	☹	☹				☺	☺	☹	
	CNMG120416-MM5	1,6	12,9	0,15–0,40	1,0–4,0				☹				☺	☺		☹					☺	☹	
	CNMG160608-MM5	0,8	16,12	0,15–0,35	0,8–4,5				☹			☺	☺	☺		☹				☺	☺	☹	
	CNMG160612-MM5	1,2	16,12	0,18–0,40	0,8–4,5				☹	☹		☺	☺	☺	☹	☹				☺	☺	☹	
	CNMG160616-MM5	1,6	16,12	0,20–0,45	1,0–4,5				☹				☺	☺		☹					☺	☹	
	CNMG120404-MU5	0,4	12,9	0,15–0,30	0,5–4,0		☺	☺	☹				☺	☺							☺		
	CNMG120408-MU5	0,8	12,9	0,15–0,40	0,6–5,0	☺	☺	☺	☹				☺	☺							☺		
	CNMG120412-MU5	1,2	12,9	0,20–0,50	1,0–5,0	☺	☺	☺						☺							☺		
	CNMG120416-MU5	1,6	12,9	0,25–0,55	1,2–5,0	☺	☺	☺															
	CNMG160612-MU5	1,2	16,12	0,30–0,55	1,0–7,0	☺	☺	☺	☹				☺	☺							☺		
	CNMG160616-MU5	1,6	16,12	0,35–0,55	1,2–7,0	☺	☺	☺															
	CNMG120408-RM5	0,8	12,9	0,22–0,40	1,2–4,5		☺	☺	☹	☹		☺	☺	☺	☹	☹				☺	☺	☹	
	CNMG120412-RM5	1,2	12,9	0,25–0,50	1,5–4,5		☺	☺	☹	☹		☺	☺	☺	☹	☹				☺	☺	☹	
	CNMG120416-RM5	1,6	12,9	0,30–0,55	2,0–4,5				☹	☹			☺	☺	☹	☹					☺	☹	
	CNMG160608-RM5	0,8	16,12	0,22–0,45	1,2–6,0				☹	☹		☺	☺	☺	☹	☹				☺	☺	☹	
	CNMG160612-RM5	1,2	16,12	0,25–0,60	1,5–6,0				☹	☹		☺	☺	☺	☹	☹				☺	☺	☹	
	CNMG160616-RM5	1,6	16,12	0,30–0,65	2,0–6,0				☹	☹			☺	☺	☹	☹					☺	☹	
	CNMG190612-RM5	1,2	19,34	0,30–0,60	1,5–7,0				☹	☹		☺	☺	☺	☹	☹				☺	☺	☹	
	CNMG190616-RM5	1,6	19,34	0,30–0,80	2,0–7,0				☹	☹			☺	☺	☹	☹					☺	☹	
	CNMG120408-RM7	0,8	12,9	0,22–0,45	1,2–5,0				☹	☹			☺		☹								
	CNMG120412-RM7	1,2	12,9	0,25–0,55	1,5–5,0				☹	☹			☺		☹								
	CNMG120416-RM7	1,6	12,9	0,30–0,60	2,0–5,0				☹	☹			☺		☹								
	CNMG160608-RM7	0,8	16,12	0,22–0,50	1,2–7,0				☹				☺										
	CNMG160612-RM7	1,2	16,12	0,25–0,65	1,5–7,0				☹	☹			☺		☹								
	CNMG160616-RM7	1,6	16,12	0,30–0,70	2,0–7,0				☹	☹			☺		☹								
	CNMG190612-RM7	1,2	19,34	0,25–0,65	1,5–8,0				☹	☹			☺		☹								
	CNMG190616-RM7	1,6	19,34	0,30–0,85	2,0–8,0				☹	☹			☺		☹								
	CNMM120408-HU5	0,8	12,9	0,25–0,55	1,0–7,0		☺	☺	☹				☺	☺		☹					☺	☹	
	CNMM120412-HU5	1,2	12,9	0,30–0,70	1,5–7,0		☺	☺	☹				☺	☺		☹					☺	☹	
	CNMM160612-HU5	1,2	16,12	0,35–0,70	1,5–9,0		☺	☺	☹				☺			☹						☹	
	CNMM160616-HU5	1,6	16,12	0,40–0,80	2,0–9,0		☺	☺	☹				☺			☹						☹	
	CNMM190612-HU5	1,2	19,34	0,35–0,70	1,5–10,0		☺	☺	☹				☺			☹						☹	
	CNMM190616-HU5	1,6	19,34	0,40–0,90	2,0–10,0		☺	☺	☹				☺			☹						☹	
	CNMM190624-HU5	2,4	19,34	0,45–1,00	2,0–10,0		☺	☺															

See the ISO 1832 designation key for dimensions
Ordering example for the grade WMP20G: CNMG120404-FM5 WMP20G

HC = Coated carbide
HW = Uncoated carbide

Turning Insert – Negative rhombic 55°
DNMG
Tiger·tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a_p mm	P HC WPP05G	P HC WPP10G	P HC WPP20G	P HC WMP20G	P HC WMP30G	M HC WSM01	M HC WSM10S	M HC WMP20G	M HC WSM20S	M HC WMP30G	M HC WSM30S	S HC WSM01	S HC WSM10S	S HC WSM20S	S HC WSM30S
	DNMG110404-FM5	0,4	11,63	0,05–0,15	0,2–1,0				☹		☺	☺	😐	😐			☺	☺	😐	
	DNMG110408-FM5	0,8	11,63	0,07–0,20	0,4–1,5				☹			☺	😐	😐				☺	😐	
	DNMG150404-FM5	0,4	15,5	0,05–0,15	0,2–1,5				☹			☺	😐	😐				☺	😐	
	DNMG150408-FM5	0,8	15,5	0,07–0,20	0,4–1,5				☹			☺	😐	😐				☺	😐	
	DNMG150602-FM5	0,2	15,5	0,03–0,10	0,1–1,0							☺		😐				☺	😐	
	DNMG150604-FM5	0,4	15,5	0,05–0,15	0,2–1,5				☹		☺	☺	😐	😐			☺	☺	😐	
	DNMG150608-FM5	0,8	15,5	0,07–0,20	0,4–1,5				☹		☺	☺	😐	😐			☺	☺	😐	
	DNMG110404-MM5	0,4	11,63	0,10–0,18	0,5–2,0				☹			☺	😐	😐		☹		☺	😐	☹
	DNMG110408-MM5	0,8	11,63	0,15–0,25	0,8–3,0				☹	☹		☺	😐	😐	☹	☹		☺	😐	☹
	DNMG150404-MM5	0,4	15,5	0,10–0,18	0,5–2,5				☹			☺	😐	😐		☹		☺	😐	☹
	DNMG150408-MM5	0,8	15,5	0,15–0,25	0,8–3,0				☹	☹		☺	😐	😐	☹	☹		☺	😐	☹
	DNMG150412-MM5	1,2	15,5	0,18–0,30	0,8–3,0				☹				😐	😐					😐	
	DNMG150604-MM5	0,4	15,5	0,10–0,18	0,5–2,5				☹			☺	😐	😐		☹		☺	😐	☹
	DNMG150608-MM5	0,8	15,5	0,15–0,25	0,8–3,0				☹	☹		☺	😐	😐	☹	☹		☺	😐	☹
	DNMG150612-MM5	1,2	15,5	0,18–0,30	0,8–3,0				☹			☺	😐	😐		☹		☺	😐	☹
	DNMG110408-MU5	0,8	11,63	0,18–0,35	0,6–4,0		☺	😐	☹				😐	😐					😐	
	DNMG150408-MU5	0,8	15,5	0,18–0,35	0,6–5,0	☺	☺	😐	☹				😐	😐					😐	
	DNMG150608-MU5	0,8	15,5	0,18–0,35	0,6–5,0	☺	☺	😐	☹				😐	😐					😐	
	DNMG150612-MU5	1,2	15,5	0,20–0,45	1,0–5,0	☺	☺	😐												
	DNMG150616-MU5	1,6	15,5	0,25–0,50	1,2–5,0		☺	😐												
	DNMG110408-RM5	0,8	11,63	0,20–0,40	1,2–3,5				☹	☹			😐	😐	☹	☹			😐	☹
	DNMG110412-RM5	1,2	11,63	0,25–0,50	1,5–3,5				☹				😐	😐					😐	
	DNMG150408-RM5	0,8	15,5	0,20–0,40	1,2–4,0				☹	☹			😐	😐	☹	☹			😐	☹
	DNMG150608-RM5	0,8	15,5	0,20–0,40	1,2–4,0				☹	☹		☺	😐	😐	☹	☹		☺	😐	☹
	DNMG150612-RM5	1,2	15,5	0,25–0,50	1,5–4,0				☹	☹			😐	😐	☹	☹			😐	☹
	DNMG150408-RM7	0,8	15,5	0,20–0,45	1,2–4,5				☹	☹			😐		☹					
	DNMG150608-RM7	0,8	15,5	0,20–0,45	1,2–4,5				☹	☹			😐		☹					
	DNMG150612-RM7	1,2	15,5	0,25–0,55	1,5–4,5				☹				😐							

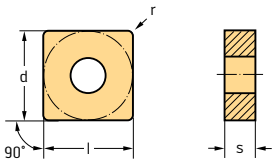
See the ISO 1832 designation key for dimensions
Ordering example for the grade WMP20G: DNMG110404-FM5 WMP20G

HC = Coated carbide

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

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

Turning Insert – Negative square
SNMG / SNMM
Tiger·tec® Gold



Indexable inserts

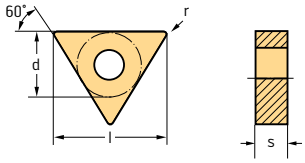
	Designation	r mm	l mm	f mm	a_p mm	P HC WMP20G	P HC WMP30G	M HC WSM10S	M HC WMP20G	M HC WSM20S	M HC WMP30G	M HC WSM30S	S HC WSM10S	S HC WSM20S	S HC WSM30S
	SNMG120404-MM5	0,4	12,7	0,10–0,18	0,5–2,0	☹			😐	😐		☹		😐	☹
	SNMG120408-MM5	0,8	12,7	0,15–0,25	0,8–3,0	☹	☹	☺	😐	😐	☹	☹	☺	😐	☹
	SNMG120412-MM5	1,2	12,7	0,18–0,30	0,8–3,5	☹		☺	😐	😐		☹	☺	😐	☹
	SNMG120408-RM5	0,8	12,7	0,20–0,40	1,2–4,5	☹	☹		😐	😐	☹	☹		😐	☹
	SNMG120412-RM5	1,2	12,7	0,25–0,50	1,5–4,5	☹	☹		😐	😐	☹	☹		😐	☹
	SNMG120416-RM5	1,6	12,7	0,30–0,55	2,0–4,5	☹			😐	😐		☹		😐	☹
	SNMG150612-RM5	1,2	15,88	0,25–0,60	1,5–6,5	☹	☹		😐	😐	☹	☹		😐	☹
	SNMG150616-RM5	1,6	15,88	0,30–0,55	2,0–6,5					😐		☹		😐	☹
	SNMG190612-RM5	1,2	19,05	0,25–0,60	1,5–8,0		☹			😐	☹	☹		😐	☹
	SNMG190616-RM5	1,6	19,05	0,30–0,80	2,0–8,0	☹	☹		😐	😐	☹	☹		😐	☹
	SNMG120408-RM7	0,8	12,7	0,20–0,45	1,2–5,0	☹	☹		😐		☹				
	SNMG120412-RM7	1,2	12,7	0,25–0,55	1,5–5,0	☹	☹		😐		☹				
	SNMG150612-RM7	1,2	15,88	0,25–0,65	1,5–7,0	☹	☹		😐		☹				
	SNMG150616-RM7	1,6	15,88	0,30–0,60	2,0–7,0	☹	☹		😐		☹				
	SNMG190612-RM7	1,2	19,05	0,25–0,65	1,5–8,5	☹	☹		😐		☹				
	SNMG190616-RM7	1,6	19,05	0,30–0,85	2,0–8,5	☹	☹		😐		☹				
	SNMM150612-HU5	1,2	15,88	0,35–0,70	1,5–9,0	☹			😐						
	SNMM190616-HU5	1,6	19,05	0,40–1,00	2,0–10,0	☹			😐						
	SNMM190624-HU5	2,4	19,05	0,45–1,10	2,0–10,0	☹			😐						
	SNMM250924-HU5	2,4	25,4	0,50–1,20	2,5–12,0	☹			😐						

Ordering example for the grade WMP20G: SNMG120404-MM5 WMP20G

HC = Coated carbide

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

Turning Insert – Negative triangular 60°
TNMG
Tiger·tec® Gold



Indexable inserts

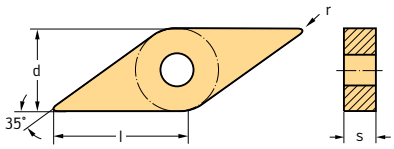
	Designation	r mm	l mm	f mm	a_p mm	P HC WMP20G	P HC WMP30G	M HC WSM10S	M HC WMP20G	M HC WSM20S	M HC WMP30G	M HC WSM30S	S HC WSM10S	S HC WSM20S	S HC WSM30S
	TNMG160404-FM5	0,4	16,5	0,05–0,15	0,2–1,0	☹		☺	😐	😐			☺	😐	
	TNMG160408-FM5	0,8	16,5	0,07–0,20	0,4–1,5	☹		☺	😐	😐			☺	😐	
	TNMG160412-FM5	1,2	16,5	0,10–0,25	0,5–2,0					😐				😐	
	TNMG160404-MM5	0,4	16,5	0,10–0,18	0,5–2,0	☹		☺	😐	😐		☹	☺	😐	☹
	TNMG160408-MM5	0,8	16,5	0,15–0,25	0,8–3,0	☹		☺	😐	😐		☹	☺	😐	☹
	TNMG160412-MM5	1,2	16,5	0,18–0,30	0,8–3,5	☹		☺	😐	😐		☹	☺	😐	☹
	TNMG160416-MM5	1,6	16,5	0,20–0,35	1,0–4,0					😐				😐	
	TNMG160408-RM5	0,8	16,5	0,22–0,40	1,2–4,0	☹	☹	☺	😐	😐	☹	☹	☺	😐	☹
	TNMG160412-RM5	1,2	16,5	0,25–0,50	1,5–4,0	☹			😐	😐		☹		😐	☹
	TNMG220408-RM5	0,8	22	0,22–0,40	1,2–4,5	☹	☹	☺	😐	😐	☹	☹	☺	😐	☹
	TNMG220412-RM5	1,2	22	0,25–0,55	1,5–4,5	☹			😐	😐		☹		😐	☹
	TNMG160408-RM7	0,8	16,5	0,22–0,45	1,2–4,0	☹	☹		😐		☹				
	TNMG160412-RM7	1,2	16,5	0,25–0,55	1,5–4,5	☹	☹		😐		☹				
	TNMG220408-RM7	0,8	22	0,22–0,45	1,2–5,0	☹	☹		😐		☹				
	TNMG220412-RM7	1,2	22	0,25–0,60	1,5–5,0	☹			😐						

See the ISO 1832 designation key for dimensions
Ordering example for the grade WMP20G: TNMG160404-FM5 WMP20G

HC = Coated carbide

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

Turning Insert – Negative rhombic 35°
VNMG
Tiger·tec® Gold



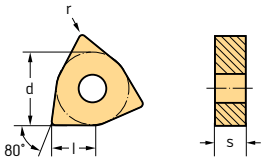
Indexable inserts

	Designation	r mm	l mm	f mm	a_p mm	P HC	M HC				S HC		
						WMP20G	WSM10S	WMP20G	WSM20S	WSM30S	WSM10S	WSM20S	WSM30S
	VNMG160402-FM5	0,2	16,61	0,03–0,10	0,1–1,0		☺		☹		☺	☹	
	VNMG160404-FM5	0,4	16,61	0,05–0,15	0,2–1,0	☹	☺	☹	☹		☺	☹	
	VNMG160408-FM5	0,8	16,61	0,07–0,20	0,4–1,5	☹	☺	☹	☹		☺	☹	
	VNMG160404-MM5	0,4	16,61	0,10–0,18	0,5–2,0	☹	☺	☹	☹	☠	☺	☹	☠
	VNMG160408-MM5	0,8	16,61	0,15–0,25	0,8–3,0	☹	☺	☹	☹	☠	☺	☹	☠

See the ISO 1832 designation key for dimensions
Ordering example for the grade WSM10S: VNMG160402-FM5 WSM10S
Ordering example for the grade WSM20S: VNMG160402-FM5 WSM20S
Ordering example for the grade WMP20G: VNMG160404-FM5 WMP20G

HC = Coated carbide

Turning Insert – Negative Trigon 80°
WNMG
Tiger·tec® Gold



Indexable inserts

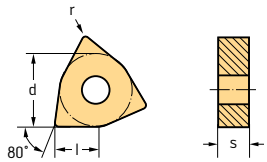
	Designation	r mm	l mm	f mm	a_p mm	P HC					M HC						K HC		S HC			
						WPP05G	WPP10G	WPP20G	WMP20G	WMP30G	WSM01	WSM10S	WMP20G	WSM20S	WMP30G	WSM30S	WKK10S	WKK20S	WSM01	WSM10S	WSM20S	WSM30S
	WNMG060404-FM5	0,4	6,52	0,05–0,15	0,2–1,0				☹		☺	☺	☹	☹					☺	☺	☹	
	WNMG060408-FM5	0,8	6,52	0,07–0,20	0,4–1,5				☹			☺	☹	☹						☺	☹	
	WNMG080404-FM5	0,4	8,69	0,05–0,15	0,2–1,5				☹		☺	☺	☹	☹					☺	☺	☹	
	WNMG080408-FM5	0,8	8,69	0,07–0,20	0,4–1,5				☹		☺	☺	☹	☹					☺	☺	☹	
	WNMG080412-FM5	1,2	8,69	0,10–0,25	0,5–2,0							☺								☺		
	WNMG060408-MW5	0,8	6,52	0,15–0,50	0,8–3,0		☺	☹									☺					
	WNMG060412-MW5	1,2	6,52	0,20–0,60	1,5–3,0		☺	☹									☺					
	WNMG080408-MW5	0,8	8,69	0,20–0,65	0,8–4,0	☺	☺	☹	☹				☹				☺	☹				
Wiper	WNMG080412-MW5	1,2	8,69	0,25–0,70	1,5–4,0	☺	☺	☹	☹				☹				☺	☹				
	WNMG060404-MM5	0,4	6,52	0,10–0,18	0,5–2,0				☹			☺	☹	☹		☠				☺	☹	☠
	WNMG060408-MM5	0,8	6,52	0,15–0,25	0,8–2,5				☹			☺	☹	☹		☠				☺	☹	☠
	WNMG060412-MM5	1,2	6,52	0,18–0,30	0,8–3,0									☹		☠					☹	☠
	WNMG080404-MM5	0,4	8,69	0,10–0,20	0,5–3,0				☹			☺	☹	☹		☠				☺	☹	☠
	WNMG080408-MM5	0,8	8,69	0,15–0,32	0,8–3,0				☹	☹		☺	☹	☹	☹	☠				☺	☹	☠
	WNMG080412-MM5	1,2	8,69	0,15–0,35	0,8–3,5				☹			☺	☹	☹		☠				☺	☹	☠
	WNMG080416-MM5	1,6	8,69	0,15–0,40	1,0–4,0				☹				☹	☹		☠					☹	☠
	WNMG100608-MM5	0,8	10,86	0,18–0,40	0,8–4,5				☹				☹	☹		☠					☹	☠
	WNMG100612-MM5	1,2	10,86	0,20–0,45	0,8–4,5				☹				☹	☹		☠					☹	☠

See the ISO 1832 designation key for dimensions
Ordering example for the grade WMP20G: WNMG060404-FM5 WMP20G

HC = Coated carbide

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

Turning Insert – Negative Trigon 80°
WNMG
Tiger·tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a_p mm	P HC					M HC						K HC		S HC			
						WPP05G	WPP10G	WPP20G	WMP20G	WMP30G	WSM01	WSM10S	WMP20G	WSM20S	WMP30G	WSM30S	WKK10S	WKK20S	WSM01	WSM10S	WSM20S	WSM30S
	WNMG060408-MU5	0,8	6,52	0,15–0,35	0,6–3,0		😊	😐	☹				😐	😐							😐	
	WNMG080404-MU5	0,4	8,69	0,15–0,30	0,5–4,0		😊	😐						😐							😐	
	WNMG080408-MU5	0,8	8,69	0,15–0,40	0,6–5,0	😊	😊	😐	☹				😐	😐							😐	
	WNMG080412-MU5	1,2	8,69	0,20–0,50	1,0–5,0	😊	😊	😐	☹				😐	😐							😐	
	WNMG080416-MU5	1,6	8,69	0,25–0,55	1,2–5,0	😊	😊	😐														
	WNMG060408-RM5	0,8	6,52	0,22–0,40	1,2–3,5				☹	☹			😐	😐	☹	☠					😐	☠
	WNMG080408-RM5	0,8	8,69	0,22–0,40	1,2–4,5		😊	😐	☹	☹		😊	😐	😐	☹	☠				😊	😐	☠
	WNMG080412-RM5	1,2	8,69	0,25–0,50	1,5–4,5				☹	☹		😊	😐	😐	☹	☠				😊	😐	☠
	WNMG060408-RM7	0,8	6,52	0,22–0,45	1,2–3,5				☹	☹			😐		☹							
	WNMG080408-RM7	0,8	8,69	0,22–0,45	1,2–5,0				☹	☹			😐		☹							
	WNMG080412-RM7	1,2	8,69	0,25–0,55	1,5–5,0				☹	☹			😐		☹							

See the ISO 1832 designation key for dimensions
Ordering example for the grade WMP20G: WNMG060404-FM5 WMP20G

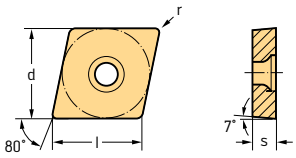
HC = Coated carbide

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

Turning Insert – Positive rhombic 80°

CCGT / CCMT

Tiger·tec® Gold



Indexable inserts

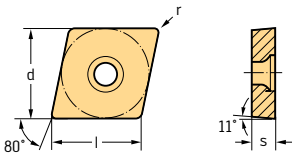
	Designation	r mm	l mm	f mm	a_p mm	P HC		M HC						S HC			
						WMP20G	WMP30G	WSM01	WSM10S	WMP20G	WSM20S	WMP30G	WSM30S	WSM01	WSM10S	WSM20S	WSM30S
	CCGT060201-FM2	0,1	6,45	0,02–0,06	0,1–1,5						😐					😐	
	CCGT060202-FM2	0,2	6,45	0,05–0,12	0,2–2,0	☹		☺		☹	😐			☺		😐	
	CCGT060204-FM2	0,4	6,45	0,08–0,25	0,2–2,5	☹		☺		☹	😐			☺		😐	
	CCGT09T301-FM2	0,1	9,67	0,02–0,06	0,1–1,5						😐					😐	
	CCGT09T302-FM2	0,2	9,67	0,05–0,12	0,2–2,0	☹		☺		☹	😐			☺		😐	
	CCGT09T304-FM2	0,4	9,67	0,08–0,25	0,2–2,5	☹		☺	☺	☹	😐			☺	☺	😐	
	CCGT09T308-FM2	0,8	9,67	0,10–0,30	0,3–3,0			☺	☺		😐			☺	☺	😐	
	CCGT120404-FM2	0,4	12,9	0,08–0,25	0,2–3,0						😐					😐	
	CCGT120408-FM2	0,8	12,9	0,10–0,30	0,3–3,5						😐					😐	
	CCMT060202-FM4	0,2	6,45	0,04–0,12	0,1–1,0	☹			☺	☹	😐		☹		☺	😐	☹
	CCMT060204-FM4	0,4	6,45	0,05–0,16	0,1–1,5	☹	☹	☺	☺	☹	😐	☹	☹	☺	☺	😐	☹
	CCMT060208-FM4	0,8	6,45	0,08–0,20	0,1–1,5						😐		☹			😐	☹
	CCMT09T302-FM4	0,2	9,67	0,04–0,12	0,1–1,0	☹		☺	☺	☹	😐		☹	☺	☺	😐	☹
	CCMT09T304-FM4	0,4	9,67	0,05–0,16	0,1–1,5	☹	☹	☺	☺	☹	😐	☹	☹	☺	☺	😐	☹
	CCMT09T308-FM4	0,8	9,67	0,08–0,20	0,1–1,5	☹		☺	☺	☹	😐		☹	☺	☺	😐	☹
	CCMT120404-FM4	0,4	12,9	0,05–0,16	0,1–1,5	☹			☺	☹	😐		☹		☺	😐	☹
	CCMT120408-FM4	0,8	12,9	0,08–0,20	0,1–1,5	☹			☺	☹	😐		☹		☺	😐	☹
	CCMT060204-MM4	0,4	6,45	0,08–0,20	0,4–2,0	☹	☹		☺	☹	😐	☹	☹		☺	😐	☹
	CCMT060208-MM4	0,8	6,45	0,12–0,25	0,5–2,0	☹				☹	😐					😐	
	CCMT09T304-MM4	0,4	9,67	0,08–0,25	0,4–3,0	☹	☹	☺	☺	☹	😐	☹	☹	☺	☺	😐	☹
	CCMT09T308-MM4	0,8	9,67	0,12–0,32	0,5–3,0	☹	☹	☺	☺	☹	😐	☹	☹	☺	☺	😐	☹
	CCMT120404-MM4	0,4	12,9	0,12–0,25	0,4–3,5	☹				☹	😐					😐	
	CCMT120408-MM4	0,8	12,9	0,12–0,32	0,5–3,5	☹			☺	☹	😐				☺	😐	
	CCMT060204-RM4	0,4	6,45	0,12–0,25	0,4–2,5	☹	☹		☺	☹	😐	☹	☹		☺	😐	☹
	CCMT060208-RM4	0,8	6,45	0,16–0,30	0,6–2,5	☹			☺	☹	😐		☹		☺	😐	☹
	CCMT09T304-RM4	0,4	9,67	0,12–0,25	0,4–3,0	☹	☹		☺	☹	😐	☹	☹		☺	😐	☹
	CCMT09T308-RM4	0,8	9,67	0,16–0,35	0,6–4,0	☹	☹		☺	☹	😐	☹	☹		☺	😐	☹
	CCMT120404-RM4	0,4	12,9	0,12–0,25	0,4–3,0	☹	☹		☺	☹	😐	☹	☹		☺	😐	☹
	CCMT120408-RM4	0,8	12,9	0,16–0,40	0,6–5,0	☹	☹		☺	☹	😐	☹	☹		☺	😐	☹
	CCMT120412-RM4	1,2	12,9	0,20–0,50	0,8–5,0	☹				☹	😐		☹			😐	☹

See the ISO 1832 designation key for dimensions
Ordering example for the grade WSM20S: CCGT060201-FM2 WSM20S
Ordering example for the grade WMP20G: CCGT060202-FM2 WMP20G

HC = Coated carbide

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

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



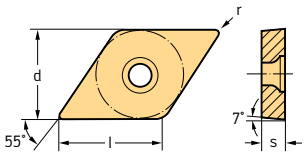
Indexable inserts

	Designation	r mm	l mm	f mm	a_p mm	P HC WMP20G	M HC WMP20G	M HC WSM20S	S HC WSM20S
	CPMT050204-FM4	0,4	5,64	0,05–0,16	0,1–1,5	☹	😐	😐	😐
	CPMT060204-FM4	0,4	6,45	0,05–0,16	0,1–1,5	☹	😐	😐	😐
	CPMT09T304-FM4	0,4	9,67	0,05–0,16	0,1–1,5	☹	😐	😐	😐
	CPMT09T308-FM4	0,8	9,67	0,08–0,20	0,1–1,5	☹	😐	😐	😐

Ordering example for the grade WMP20G: CPMT050204-FM4 WMP20G

HC = Coated carbide

Turning Insert – Positive rhombic 55°
DCGT / DCMT
Tiger·tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a_p mm	P HC WMP20G	P HC WMP30G	M HC WSM01	M HC WSM10S	M HC WMP20G	M HC WSM20S	M HC WMP30G	M HC WSM30S	S HC WSM01	S HC WSM10S	S HC WSM20S	S HC WSM30S
	DCGT070201-FM2	0,1	7,75	0,02–0,06	0,1–1,5						😐					😐	
	DCGT070202-FM2	0,2	7,75	0,05–0,12	0,2–2,0			☺	☺		😐			☺	☺	😐	
	DCGT070204-FM2	0,4	7,75	0,08–0,25	0,2–2,5	☹		☺	☺	😐	😐			☺	☺	😐	
	DCGT11T301-FM2	0,1	11,63	0,02–0,06	0,1–1,5						😐					😐	
	DCGT11T302-FM2	0,2	11,63	0,05–0,12	0,2–2,0	☹		☺	☺	😐	😐			☺	☺	😐	
	DCGT11T304-FM2	0,4	11,63	0,08–0,25	0,2–2,5	☹		☺	☺	😐	😐			☺	☺	😐	
	DCGT11T308-FM2	0,8	11,63	0,10–0,30	0,3–3,0	☹		☺	☺	😐	😐			☺	☺	😐	
	DCMT070202-FM4	0,2	7,75	0,04–0,12	0,1–1,0	☹		☺	☺	😐	😐		☹	☺	☺	😐	☹
	DCMT070204-FM4	0,4	7,75	0,05–0,16	0,1–1,5	☹	☹	☺	☺	😐	😐	☹	☹	☺	☺	😐	☹
	DCMT070208-FM4	0,8	7,75	0,08–0,20	0,1–1,5				☺		😐				☺	😐	
	DCMT11T302-FM4	0,2	11,63	0,04–0,12	0,1–1,0	☹	☹	☺	☺	😐	😐	☹	☹	☺	☺	😐	☹
	DCMT11T304-FM4	0,4	11,63	0,05–0,16	0,1–1,5	☹	☹	☺	☺	😐	😐	☹	☹	☺	☺	😐	☹
	DCMT11T308-FM4	0,8	11,63	0,08–0,20	0,1–1,5	☹		☺	☺	😐	😐		☹	☺	☺	😐	☹
	DCMT070204-FM6	0,4	7,75	0,08–0,25	0,3–1,6						😐		☹			😐	☹
	DCMT11T304-FM6	0,4	11,63	0,08–0,25	0,3–2,0	☹				😐	😐		☹			😐	☹
	DCMT11T308-FM6	0,8	11,63	0,12–0,32	0,6–2,0	☹				😐	😐		☹			😐	☹
	DCMT070204-MM4	0,4	7,75	0,08–0,20	0,4–2,0	☹			☺	😐	😐		☹		☺	😐	☹
	DCMT070208-MM4	0,8	7,75	0,12–0,25	0,5–2,0	☹			☺	😐	😐				☺	😐	
	DCMT11T302-MM4	0,2	11,63	0,04–0,12	0,2–2,0	☹		☺		😐	😐		☹	☺		😐	☹
	DCMT11T304-MM4	0,4	11,63	0,08–0,25	0,4–3,0	☹	☹	☺	☺	😐	😐	☹	☹	☺	☺	😐	☹
	DCMT11T308-MM4	0,8	11,63	0,12–0,32	0,5–3,0	☹	☹	☺	☺	😐	😐	☹	☹	☺	☺	😐	☹
	DCMT11T312-MM4	1,2	11,63	0,15–0,35	0,5–3,0	☹				😐	😐					😐	

See the ISO 1832 designation key for dimensions

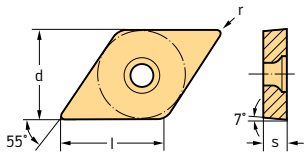
Ordering example for the grade WMP20G: DCGT070204-FM2 WMP20G

HC = Coated carbide

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

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

Turning Insert – Positive rhombic 55°
DCGT / DCMT
Tiger·tec® Gold



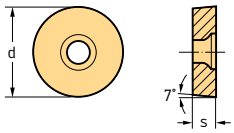
Indexable inserts

	Designation	r mm	l mm	f mm	a_p mm	P HC WMP20G	P HC WMP30G	M HC WSM01	M HC WSM10S	M HC WMP20G	M HC WSM20S	M HC WMP30G	M HC WSM30S	S HC WSM01	S HC WSM10S	S HC WSM20S	S HC WSM30S
	DCMT070204-RM4	0,4	7,75	0,12–0,20	0,4–2,0	☹			☺	😐	😐		☹		☺	😐	☹
	DCMT070208-RM4	0,8	7,75	0,16–0,30	0,6–2,0	☹			☺	😐	😐		☹		☺	😐	☹
	DCMT11T304-RM4	0,4	11,63	0,12–0,25	0,4–3,0	☹	☹		☺	😐	😐	☹	☹		☺	😐	☹
	DCMT11T308-RM4	0,8	11,63	0,16–0,35	0,6–4,0	☹	☹		☺	😐	😐	☹	☹		☺	😐	☹
	DCMT11T312-RM4	1,2	11,63	0,20–0,40	0,8–4,0	☹				😐	😐		☹			😐	☹

See the ISO 1832 designation key for dimensions
Ordering example for the grade WMP20G: DCGT070204-FM2 WMP20G

HC = Coated carbide

Turning Insert – Positive round
RCMT
Tiger·tec® Gold



Indexable inserts

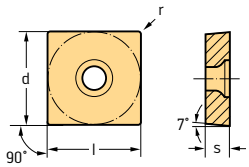
	Designation	d mm	s mm	f mm	a_p mm	P HC WMP20G	P HC WMP30G	M HC WSM10S	M HC WMP20G	M HC WSM20S	M HC WMP30G	M HC WSM30S	S HC WSM10S	S HC WSM20S	S HC WSM30S
	RCMT0602M0-FM4	6	2,38	0,07–0,30	0,6–2,5	☹		☺	😐	😐			☺	😐	
	RCMT0803M0-FM4	8	3,18	0,08–0,30	0,8–3,0	☹		☺	😐	😐		☹	☺	😐	☹
	RCMT10T3M0-FM4	10	3,97	0,10–0,35	1,0–4,0	☹		☺	😐	😐		☹	☺	😐	☹
	RCMT10T3M0-RM4	10	3,97	0,12–0,80	1,0–4,0	☹			😐						
	RCMT1204M0-FM4	12	4,76	0,12–0,40	1,2–5,0	☹		☺	😐	😐		☹	☺	😐	☹
	RCMT0602M0-RM4	6	2,38	0,08–0,50	0,6–2,5	☹			😐	😐		☹		😐	☹
	RCMT060300-RM4	6,35	3,180	0,08–0,5	0,6–2,5					😐				😐	
	RCMT0803M0-RM4	8	3,18	0,10–0,60	0,8–3,0					😐		☹		😐	☹
	RCMT09T300-RM4	9,525	3,970	0,1–0,6	0,8–3					😐				😐	
	RCMT10T3M0-RM4	10	3,97	0,12–0,80	1,0–4,0					😐		☹		😐	☹
	RCMT120400-RM4	12,7	4,760	0,12–1	1,2–5					😐				😐	
	RCMT1204M0-RM4	12	4,76	0,12–1,00	1,2–5,0	☹	☹		😐	😐	☹	☹		😐	☹
	RCMT1606M0-RM4	16	6,35	0,15–1,20	1,6–7,0	☹			😐	😐		☹		😐	☹

See the ISO 1832 designation key for dimensions
Ordering example for the grade WMP20G: RCMT0602M0-FM4 WMP20G

HC = Coated carbide

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

Turning Insert – Positive square
SCMT
Tiger·tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a_p mm	P HC WMP20G	P HC WMP30G	M HC WSM10S	M HC WMP20G	M HC WSM20S	M HC WMP30G	M HC WSM30S	S HC WSM10S	S HC WSM20S	S HC WSM30S
	SCMT060204-FM4	0,4	6,35	0,05–0,16	0,1–1,5	☹			😐	🙂				🙂	
	SCMT09T304-FM4	0,4	9,53	0,05–0,15	0,1–1,5	☹			😐	🙂		☹		🙂	☹
	SCMT09T308-FM4	0,8	9,53	0,05–0,18	0,1–1,8	☹			😐	🙂		☹		🙂	☹
	SCMT120404-FM4	0,4	12,7	0,05–0,15	0,1–1,5					🙂				🙂	
	SCMT120408-FM4	0,8	12,7	0,05–0,18	0,1–1,8	☹			😐	🙂		☹		🙂	☹
	SCMT09T304-FM6	0,4	9,53	0,08–0,25	0,3–2,0							☹			☹
	SCMT09T308-FM6	0,8	9,53	0,12–0,30	0,5–2,0		☹			🙂	☹	☹		🙂	☹
	SCMT120408-FM6	0,8	12,7	0,12–0,32	0,5–2,5					🙂		☹		🙂	☹
	SCMT09T304-MM4	0,4	9,53	0,08–0,25	0,4–3,0	☹		☺	😐	🙂			☺	🙂	
	SCMT09T308-MM4	0,8	9,53	0,12–0,32	0,5–3,0	☹		☺	😐	🙂		☹	☺	🙂	☹
	SCMT120408-MM4	0,8	12,7	0,12–0,32	0,5–3,5	☹			😐	🙂				🙂	
	SCMT09T304-RM4	0,4	9,53	0,12–0,25	0,4–3,0	☹	☹		😐	🙂	☹	☹		🙂	☹
	SCMT09T308-RM4	0,8	9,53	0,16–0,35	0,6–4,0	☹	☹	☺	😐	🙂	☹	☹	☺	🙂	☹
	SCMT120404-RM4	0,4	12,7	0,12–0,25	0,4–3,0					🙂		☹		🙂	☹
	SCMT120408-RM4	0,8	12,7	0,16–0,40	0,6–5,0	☹	☹	☺	😐	🙂	☹	☹	☺	🙂	☹
	SCMT120412-RM4	1,2	12,7	0,20–0,50	0,8–5,0	☹			😐	🙂		☹		🙂	☹

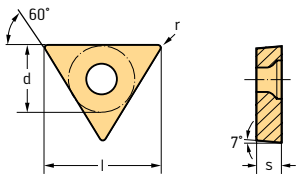
See the ISO 1832 designation key for dimensions
Ordering example for the grade WMP20G: SCMT060204-FM4 WMP20G

HC = Coated carbide

Turning Insert – Positive triangular 60°

TCMT

Tiger·tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a_p mm	P HC WMP20G	P HC WMP30G	M HC WSM10S	M HC WMP20G	M HC WSM20S	M HC WSM21	M HC WMP30G	M HC WSM30S	S HC WSM10S	S HC WSM20S	S HC WSM21	S HC WSM30S
	TCMT06T102-FM4	0,2	6,87	0,02–0,10	0,1–1,0						😐					😐	
	TCMT06T104-FM4	0,4	6,87	0,04–0,17	0,1–1,0						😐					😐	
	TCMT090202-FM4	0,2	9,62	0,04–0,12	0,1–1,0			😊		😐				😊	😐		
	TCMT090204-FM4	0,4	9,62	0,05–0,16	0,1–1,5	☹		😊	😐	😐				😊	😐		
	TCMT090208-FM4	0,8	9,62	0,08–0,20	0,1–1,5					😐					😐		
	TCMT110202-FM4	0,2	11	0,04–0,12	0,1–1,0			😊		😐			☹	😊	😐		☹
	TCMT110204-FM4	0,4	11	0,05–0,16	0,1–1,5	☹		😊	😐	😐			☹	😊	😐		☹
	TCMT110208-FM4	0,8	11	0,08–0,20	0,1–1,5			😊		😐				😊	😐		
	TCMT16T302-FM4	0,2	16,5	0,04–0,12	0,1–1,0					😐					😐		
	TCMT16T304-FM4	0,4	16,5	0,05–0,16	0,1–1,5	☹		😊	😐	😐			☹	😊	😐		☹
	TCMT16T308-FM4	0,8	16,5	0,08–0,20	0,1–1,5	☹		😊	😐	😐			☹	😊	😐		☹
	TCMT090204-MM4	0,4	9,62	0,08–0,20	0,4–2,0	☹		😊	😐	😐				😊	😐		
	TCMT090208-MM4	0,8	9,62	0,12–0,25	0,5–2,0					😐					😐		
	TCMT110204-MM4	0,4	11	0,08–0,20	0,4–2,0	☹			😐	😐					😐		
	TCMT110208-MM4	0,8	11	0,12–0,30	0,5–2,0					😐					😐		
	TCMT16T304-MM4	0,4	16,5	0,08–0,25	0,4–3,0	☹			😐	😐					😐		
	TCMT16T308-MM4	0,8	16,5	0,12–0,32	0,5–3,0	☹		😊	😐	😐				😊	😐		
	TCMT220408-MM4	0,8	22	0,12–0,32	0,5–3,5					😐					😐		
	TCMT090204-RM4	0,4	9,62	0,12–0,25	0,4–3,0					😐			☹		😐		☹
	TCMT090208-RM4	0,8	9,62	0,16–0,30	0,6–3,0					😐					😐		
	TCMT110204-RM4	0,4	11	0,12–0,25	0,4–3,0	☹		😊	😐	😐			☹	😊	😐		☹
	TCMT110208-RM4	0,8	11	0,16–0,30	0,6–3,0	☹			😐	😐			☹		😐		☹
	TCMT16T304-RM4	0,4	16,5	0,12–0,25	0,4–3,0	☹		😊	😐	😐			☹	😊	😐		☹
	TCMT16T308-RM4	0,8	16,5	0,16–0,35	0,6–4,0	☹	☹	😊	😐	😐		☹	☹	😊	😐		☹
	TCMT16T312-RM4	1,2	16,5	0,20–0,40	0,8–4,0					😐			☹		😐		☹

See the ISO 1832 designation key for dimensions

HC = Coated carbide

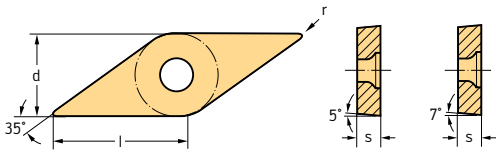
Ordering example for the grade WSM21: TCMT06T102-FM4 WSM21
Ordering example for the grade WSM21: TCMT06T104-FM4 WSM21
Ordering example for the grade WSM10S: TCMT090202-FM4 WSM10S
Ordering example for the grade WSM20S: TCMT090202-FM4 WSM20S
Ordering example for the grade WMP20G: TCMT090204-FM4 WMP20G

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

Turning Insert – Positive rhombic 35°

VCGT / VCMT / VBMT

Tiger·tec® Gold



Indexable inserts

	Designation	r mm	l mm	f mm	a_p mm	P HC	M HC					S HC			
						WMP20G	WSM01	WSM10S	WMP20G	WSM20S	WSM30S	WSM01	WSM10S	WSM20S	WSM30S
	VCGT110301-FM2	0,1	11,07	0,02–0,06	0,1–1,5					😐				😐	
	VCGT110302-FM2	0,2	11,07	0,05–0,12	0,2–2,0	☹	☺		😐	😐		☺		😐	
	VCGT110304-FM2	0,4	11,07	0,08–0,25	0,2–2,5	☹	☺	☺	😐	😐		☺	☺	😐	
	VCGT160402-FM2	0,2	16,61	0,05–0,12	0,2–2,0		☺			😐		☺		😐	
	VCGT160404-FM2	0,4	16,61	0,08–0,25	0,2–2,5	☹	☺	☺	😐	😐		☺	☺	😐	
	VCGT160408-FM2	0,8	16,61	0,10–0,30	0,3–3,0			☺		😐			☺	😐	
	VCMT110302-FM4	0,2	11,07	0,04–0,12	0,1–1,0	☹	☺	☺	😐	😐	☹	☺	☺	😐	☹
	VCMT110304-FM4	0,4	11,07	0,05–0,16	0,1–1,5	☹	☺	☺	😐	😐	☹	☺	☺	😐	☹
	VCMT160402-FM4	0,2	16,61	0,04–0,12	0,1–1,0	☹		☺	😐	😐	☹		☺	😐	☹
	VCMT160404-FM4	0,4	16,61	0,05–0,16	0,1–1,5	☹	☺	☺	😐	😐	☹	☺	☺	😐	☹
	VCMT160408-FM4	0,8	16,61	0,08–0,20	0,1–1,5	☹	☺	☺	😐	😐	☹	☺	☺	😐	☹
	VBMT110304-FM6	0,4	11,07	0,08–0,20	0,3–1,6		☺	☺		😐	☹	☺	☺	😐	☹
	VBMT110308-FM6	0,8	11,07	0,12–0,30	0,5–1,6			☺		😐	☹		☺	😐	☹
	VBMT160404-FM6	0,4	16,61	0,08–0,25	0,3–2,0	☹	☺	☺	😐	😐	☹	☺	☺	😐	☹
	VBMT160408-FM6	0,8	16,61	0,12–0,30	0,6–2,5	☹		☺	😐	😐			☺	😐	
	VBMT160412-FM6	1,2	16,61	0,15–0,30	1,0–2,5			☺		😐			☺	😐	
	VBMT110302-MM4	0,2	11,07	0,05–0,12	0,2–1,5		☺					☺			
	VBMT110304-MM4	0,4	11,07	0,08–0,20	0,4–1,5	☹	☺	☺	😐	😐		☺	☺	😐	
	VBMT110308-MM4	0,8	11,07	0,12–0,25	0,5–1,5	☹		☺	😐	😐			☺	😐	
	VBMT160402-MM4	0,2	16,61	0,05–0,12	0,2–2,0		☺					☺			
	VBMT160404-MM4	0,4	16,61	0,08–0,20	0,4–2,0	☹	☺	☺	😐	😐	☹	☺	☺	😐	☹
	VBMT160408-MM4	0,8	16,61	0,12–0,30	0,5–2,0	☹	☺	☺	😐	😐	☹	☺	☺	😐	☹
	VBMT160412-MM4	1,2	16,61	0,12–0,32	0,5–2,0	☹		☺	😐	😐			☺	😐	
	VCMT160404-MM4	0,4	16,61	0,08–0,20	0,4–2,0	☹		☺	😐	😐			☺	😐	
	VCMT160408-MM4	0,8	16,61	0,12–0,30	0,5–2,0	☹		☺	😐	😐			☺	😐	
	VCMT110304-RM4	0,4	11,07	0,12–0,20	0,4–2,5	☹		☺	😐	😐	☹		☺	😐	☹
	VCMT110308-RM4	0,8	11,07	0,16–0,25	0,6–3,0	☹			😐	😐	☹			😐	☹
	VCMT160404-RM4	0,4	16,61	0,12–0,25	0,4–2,5	☹		☺	😐	😐	☹		☺	😐	☹
	VCMT160408-RM4	0,8	16,61	0,16–0,30	0,6–3,0	☹		☺	😐	😐	☹		☺	😐	☹
	VCMT160412-RM4	1,2	16,61	0,20–0,35	0,8–3,0	☹			😐	😐	☹			😐	☹

See the ISO 1832 designation key for dimensions
Ordering example for the grade WSM20S: VCGT110301-FM2 WSM20S
Ordering example for the grade WMP20G: VCGT110302-FM2 WMP20G

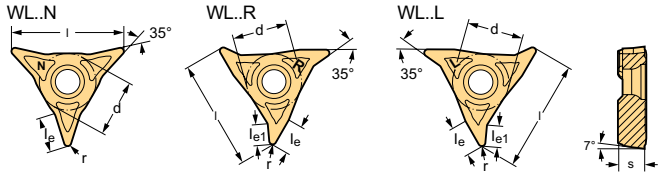
HC = Coated carbide

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 HC WMP20G	M HC WSM01	M HC WSM10S	M HC WMP20G	M HC WSM20S	S HC WSM01	S HC WSM10S	S HC 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	0,8	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	0,8	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-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-VC0504R-MM4	0,4	17	4,6	3,1	0,05–0,20	0,1–1,8					😐			😐
	WL17-VC0508R-MM4	0,8	17	5	3,6	0,08–0,25	0,2–1,8					😐			😐
	WL25-VC0704R-MM4	0,4	25	6,2	3,9	0,08–0,25	0,4–2,5	☹			☹	😐			😐
	WL25-VC0708R-MM4	0,8	25	6,6	4,6	0,12–0,32	0,5–2,5	☹			☹	😐			😐
	WL17-VC0504L-MM4	0,4	17	4,6	3,1	0,05–0,20	0,1–1,8					😐			😐
	WL17-VC0508L-MM4	0,8	17	5	3,6	0,08–0,25	0,2–1,8					😐			😐
	WL25-VC0704L-MM4	0,4	25	6,2	3,9	0,08–0,25	0,4–2,5	☹			☹	😐			😐
	WL25-VC0708L-MM4	0,8	25	6,6	4,6	0,12–0,32	0,5–2,5					😐			😐

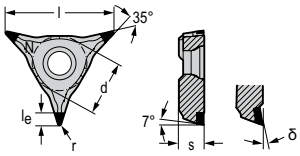
Ordering example for the grade WMP20G: WL17-VC0502N-FM4 WMP20G

HC = Coated carbide

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

PCD – Indexable inserts copy turning system

WL...-VC...



Indexable inserts

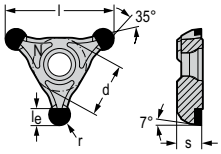
	Designation	r mm	l mm	l_e mm		f mm	a_p mm	N DP WDN10	O DP WDN10
	WL25-VCGT0702NFS-3	0,2	25	4,26	10°	0,03–0,12	0,1–3,0	☺	☺
	WL25-VCGT0704NFS-3	0,4	25	4,29	10°	0,03–0,25	0,1–3,0	☺	☺
	WL25-VCGT0708NFS-3	0,8	25	4,12	10°	0,03–0,38	0,1–3,0	☺	☺
	WL25-VCGW0702NFS-3	0,2	25	4,19	0°	0,03–0,12	0,1–3,0	☺	☺
	WL25-VCGW0704NFS-3	0,4	25	4,19	0°	0,03–0,25	0,1–3,0	☺	☺
	WL25-VCGW0708NFS-3	0,8	25	4,19	0°	0,03–0,38	0,1–3,0	☺	☺
Chipbreaker	WL25-VCGT0704NFSM3	0,4	25	3,8	25°	0,03–0,25	0,1–3,0	☺	☺
	WL25-VCGT0708NFSM3	0,8	25	3,79	25°	0,03–0,38	0,1–3,0	☺	☺

Ordering example for the grade WDN10: WL25-VCGT0702NFS-3 WDN10

DP = Polycrystalline diamond

PCD – Indexable inserts copy turning system

WL...-RC...



Indexable inserts

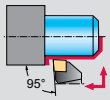
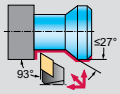
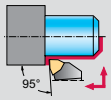
	Designation	r mm	l mm	l_e mm		f mm	a_p mm	N DP WDN10	O DP WDN10
	WL25-RCGT0420NFSM3	2	25	2,97	25°	0,10–0,20	0,1–2,0	☺	☺
	WL25-RCGT0525NFSM3	2,5	25	3,87	25°	0,10–0,25	0,1–2,5	☺	☺

Ordering example for the grade WDN10: WL25-RCGT0420NFSM3 WDN10

DP = Polycrystalline diamond

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

Square-shank turning toolholders – Negative basic shape

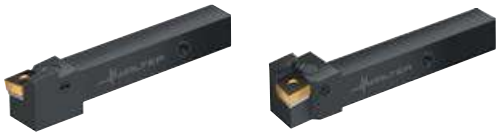
Type			
Machining			
	NEW	NEW	NEW
Designation	PCLN...-S-P	PDJN...-S-P	PWLN...-S-P
Approach angle	95°	93°	95°
Clamping system	Lever-type	Lever-type	Lever-type
Coolant supply	Precision cooling	Precision cooling	Precision cooling
Shank size h [mm]	16	12–16	12–16
Shank size h [Inch]			
Insert size l [mm]	12	11	6
Page in catalogue	36	37	38
QR code			
www.walter-tools.com/woc/	PCLN-S-P	PDJN-S-P	PWLN-S-P

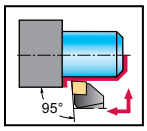
Shank tool – Toggle clamp

PCLN...-S-P mm

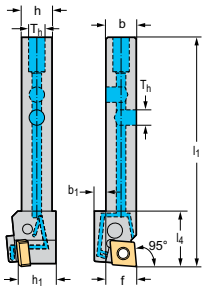
Walter Turn

– Precision cooling
– For Swiss Machining





Tool



Square shank

Designation	h mm	h_1 mm	b mm	b_1 mm	f mm	l_1 mm	l_4 mm	γ	$λ_s$	T_h	Type
★ PCLNR1616X12-S-P	12	16	16	16	6	16	120	29	0°	0°	G1/8"	CN .. 1204 ..
★ PCLNL1616X12-S-P	12	16	16	16	6	16	120	29	0°	0°	G1/8"	CN .. 1204 ..

Dimensional drawing shows right-hand version. | Measured with master insert:CN .. 120408 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

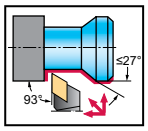
Type h [mm]	CN .. 1204 .. 16
Shim	AP134-CN1208
Lever	KN102
Clamping screw Tightening torque	FS2585 (T15IP) 2,5 Nm
Shim pin	RS102
Screw plug	FS2589
G 1/8" threaded plug	FS2258 (SW 2)
Bolt	KB1000-8-16
Pressure spring	FS1470
Torx key	FS1465 (T15IP)

Shank tool – Toggle clamp

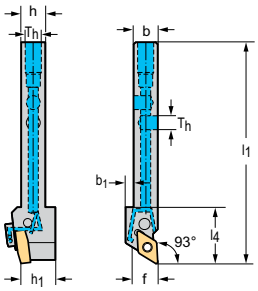
PDJN...-S-P mm

Walter Turn

– Precision cooling
– For Swiss Machining



Tool



Square shank

Designation		h mm	h_1 mm	b mm	b_1 mm	f mm	l_1 mm	l_4 mm	γ	$λ_s$	T_h	Type
★ PDJNR1212J11-S-P	11	12	12	12	4	12	110	28	0°	0°	M8X1	DN .. 1104 ..
★ PDJNR1616X11-S-P	11	16	16	16		16	120	28	0°	0°	G1/8"	
★ PDJNL1212J11-S-P	11	12	12	12	4	12	110	28	0°	0°	M8X1	DN .. 1104 ..
★ PDJNL1616X11-S-P	11	16	16	16		16	120	28	0°	0°	G1/8"	

Dimensional drawing shows right-hand version. | Measured with master insert:DN .. 110408 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

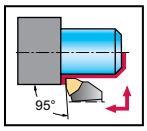
Type h [mm]	DN .. 1104 .. 12	DN .. 1104 .. 16
Shim	AP171-DN1108	AP171-DN1108
Lever	KN119	KN119
Clamping screw Tightening torque	FS2585 (T15IP) 2,5 Nm	FS2585 (T15IP) 2,5 Nm
Shim pin	RS101	RS101
Screw plug	FS2589	FS2589
G 1/8" threaded plug		FS2258 (SW 2)
M8X1 threaded plug	FS2587 (SW 4)	
Bolt	KB1000-6-15	KB1000-6-15
Torx key	FS1465 (T15IP)	FS1465 (T15IP)

Shank tool – Toggle clamp

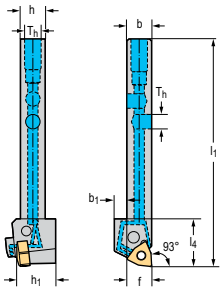
PWLN...-S-P mm

Walter Turn

– Precision cooling
– For Swiss Machining



Tool



Square shank

Designation		h mm	h_1 mm	b mm	b_1 mm	f mm	l_1 mm	l_4 mm	γ	$λ_s$	T_h	Type
★ PWLNR1212J06-S-P	06	12	12	12	6	12	110	23	0°	0°	M8X1	WN .. 0604 ..
★ PWLNR1616X06-S-P	06	16	16	16	2	16	120	23	0°	0°	G1/8"	
★ PWLNL1212J06-S-P	06	12	12	12	6	12	110	23	0°	0°	M8X1	WN .. 0604 ..
★ PWLNL1616X06-S-P	06	16	16	16	2	16	120	23	0°	0°	G1/8"	

Dimensional drawing shows right-hand version. | Measured with master insert:WN .. 060408 | The maximum recommended coolant pressure is 150 bar (2175 psi) | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type h [mm]		WN .. 0604 .. 12	WN .. 0604 .. 16
	Shim	AP172-WN0612	AP172-WN0612
	Lever	KN101	KN101
	Clamping screw Tightening torque	FS2585 (T15IP) 2,5 Nm	FS2585 (T15IP) 2,5 Nm
	Shim pin	RS101	RS101
	Screw plug	FS2589	FS2589
	G 1/8" threaded plug		FS2258 (SW 2)
	M8X1 threaded plug	FS2587 (SW 4)	
	Bolt	KB1000-6-15	KB1000-6-15
	Torx key	FS1465 (T15IP)	FS1465 (T15IP)

Cutting inserts

System	GD				
Machining	Medium feed				High feed
	NEW	NEW	NEW	NEW	NEW
Geometry	CF5	UE6	UF4	RE6	CE4
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●
K Cast iron	●	●	●●	●●	●●
N NF metals	●●	●	●	●	●
S Materials with difficult cutting properties	●●	●●	●	●●	●
H Hard materials				●	●
O Other	●	●		●	
Insert width s [mm]	3,0–4,0	3,0–8,0	3,0–8,0	3,0–8,0	2,5–6,0
a_p [mm]	0,09	0,2–4,0	0,1–4,0	0,1–4,0	
f [mm]	0,05–0,28	0,09–0,45	0,09–0,55	0,08–0,80	0,07–0,40
Page in catalogue	43	42	43	44	43
QR code					
www.walter-tools.com/woc/	CF5	UE6	UF4	RE6	CE4

System	GD	
Machining	High feed	
	NEW	NEW
Geometry	UD4	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]	3,0–8,0	3,0–8,0
a_p [mm]	0,4–4,0	0,5–4,0
f [mm]	0,09–0,50	0,10–0,80
Page in catalogue	43	44
QR code		
www.walter-tools.com/woc/	UD4	RD4

WALTER SELECT

●● Primary application ● Other application

A2

Cutting inserts

System	WB..-G	WB..-GR	WB..-GP	WB..-A	WB..-AR
Machining					
	NEW	NEW	NEW	NEW	NEW
Geometry	G	GR	GP	A	AR
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●●	●	●	●	●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials	●	●	●	●	●
O Other	●	●	●	●	●
Insert width s [mm]	0,5–2,0	1,0–2,0	1,0	1,0–2,0	1,0–2,0
a_p [mm]	0,01–0,06	0,01–0,06	0,01–0,06	0,02–0,06	0,02–0,06
f [mm]	0,01–0,06	0,01–0,06	0,01–0,06	0,02–0,06	0,02–0,06
Page in catalogue	45	49	48	50	53
QR code					
www.walter-tools.com/woc/	G	GR	GP	A	AR

System	WB..-AC	WB..-AD	WB..-AN	WB..-T	WB..-T..E
Machining					
	NEW	NEW	NEW	NEW	NEW
Geometry	AC	AD	AN	T	T-E
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials	●	●	●	●	●
O Other	●	●	●	●	●
Insert width s [mm]	1,0–3,0	1,0–2,0	2,0–3,0		
a_p [mm]	0,02–0,06	0,02–0,06	0,02–0,06	0,05–0,8	0,01–0,13
f [mm]	0,02–0,06	0,02–0,06	0,02–0,06	0,01–0,08	0,01–0,03
Page in catalogue	52	54	51	55	55
QR code					
www.walter-tools.com/woc/	AC	AD	AN	T	T-E

WALTER SELECT ●● Primary application ● Other application

Cutting inserts

System	WB..-T..F-P	WB..-T..X	WB..-C	WB..-B	WB..-I
Machining					
	NEW	NEW	NEW	NEW	NEW
	Chipbreaker	Chipbreaker			
Geometry	T-F	T-X	C	B	I
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials	●	●	●	●	
O Other	●	●	●	●	
Insert width s [mm]					
a_p [mm]	0,15–0,8	0,15–0,9	0,15	0,15	
f [mm]	0,02–0,08	0,02–0,15	0,02–0,07	0,02–0,07	
Page in catalogue	**55**	**55**	**52**	**45**	**65**
QR code					
www.walter-tools.com/woc/	T-F	T-X	C	B	I

WALTER SELECT

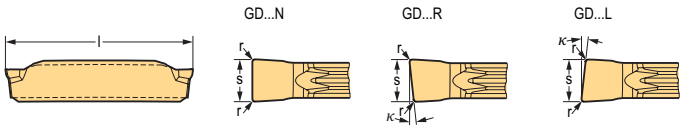
●● Primary application ● Other application

A2

Grooving and parting off – cutting inserts

GD

Tiger·tec® Gold



Cutting inserts

	Designation	s mm	r mm	κ	l mm	f mm	S_{Tol} mm	l_{Tol} mm	P HC WKP23G	P HC WSM23G	P HC WKP33G	P HC WSM33G	P HC WSM43G	M HC WSM23G	M HC WSM33G	M HC WSM43G	K HC WKP23G	K HC WKP33G	K HC WSM23G	K HC WSM33G	S HC WSM23G	S HC WSM33G	S HC WSM43G
	GD26-3E300R6-CF5	3	0,2	6	26,5	0,06–0,25	±0,05	±0,15				😐	☹		😐	☹						😐	☹
	GD26-3E300R15-CF5	3	0,2	15	26,5	0,05–0,18	±0,05	±0,15				🤩			🤩							🤩	
	GD26-4E400R6-CF5	4	0,2	6	26,5	0,08–0,28	±0,05	±0,15				😐			😐							😐	
	GD26-2E250N02-CE4	2,5	0,2		26,5	0,07–0,25	±0,05	±0,15				😐			😐					😐		😐	
	GD26-3E300N02-CE4	3	0,2		26,5	0,08–0,30	±0,05	±0,15	☺	☺	🤩	😐	☹	☺	😐	☹	😐	🤩	😐	😐	☺	😐	☹
	GD26-4E400N03-CE4	4	0,3		26,5	0,10–0,32	±0,05	±0,15	☺	☺		😐	☹	☺	😐	☹	😐		😐	😐	☺	😐	☹
	GD26-5E500N03-CE4	5	0,3		26,5	0,12–0,38	±0,05	±0,15	☺			😐	☹		😐	☹	😐			😐		😐	☹
	GD26-6E600N03-CE4	6	0,3		26,5	0,12–0,40	±0,05	±0,15	☺			😐	☹		😐	☹	😐			😐		😐	☹

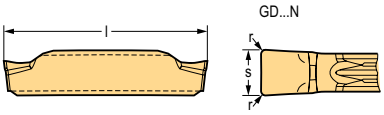
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WSM33G: GD26-3E300R15-CF5 WSM33G

HC = Coated carbide

Grooving and recessing – cutting inserts

GD

Tiger·tec® Gold



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a_p mm	S_{Tol} mm	l_{Tol} mm	P HC WKP13G	P HC WKP23G	P HC WSM23G	P HC WKP33G	P HC WSM33G	P HC WSM43G	M HC WSM13G	M HC WSM23G	M HC WSM33G	M HC WSM43G	K HC WKP13G	K HC WKP23G	K HC WKP33G	K HC WSM23G	K HC WSM33G	S HC WSM13G	S HC WSM23G	S HC WSM33G	S HC WSM43G
	GD26-3E300N03-UE6	3	0,3	26,5	0,09–0,25	0,2–2,0	±0,05	±0,15		🤩	🤩		🤩		🤩	🤩	🤩			🤩				🤩	🤩	🤩	
	GD26-3E318N03-UE6	3,18	0,3	26,5	0,09–0,25	0,2–2,0	±0,05	±0,15					🤩				🤩									🤩	
	GD26-4E400N04-UE6	4	0,4	26,5	0,10–0,28	0,2–2,8	±0,05	±0,15		🤩	🤩		🤩		🤩	🤩	🤩			🤩				🤩	🤩	🤩	
	GD26-5E500N04-UE6	5	0,4	26,5	0,10–0,33	0,2–3,0	±0,05	±0,15		🤩	🤩		🤩		🤩	🤩	🤩			🤩				🤩	🤩	🤩	
	GD26-5E500N08-UE6	5	0,8	26,5	0,10–0,33	0,4–3,0	±0,05	±0,15		🤩	🤩		🤩			🤩	🤩			🤩					🤩	🤩	
	GD26-6E600N04-UE6	6	0,4	26,5	0,10–0,38	0,2–3,2	±0,05	±0,15		🤩	🤩		🤩		🤩	🤩	🤩			🤩				🤩	🤩	🤩	
	GD26-6E600N08-UE6	6	0,8	26,5	0,12–0,38	0,4–3,2	±0,05	±0,15		🤩	🤩		🤩			🤩	🤩			🤩					🤩	🤩	
	GD26-8E800N08-UE6	8	0,8	26,5	0,14–0,45	0,5–4,0	±0,05	±0,15			😐		☹			😐	☹								😐	☹	

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WKP23G: GD26-3E300N03-UE6 WKP23G

HC = Coated carbide

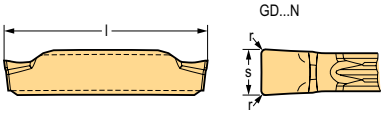
WALTER SELECT Optimum indexable insert for → Good = 🤩 → Average = 😐 → Poor = ☹ machining conditions

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

Grooving and recessing – cutting inserts

GD

Tiger·tec® Gold



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a_p mm	S_{Tol} mm	l_{Tol} mm	P HC WKP13G	P HC WKP23G	P HC WSM23G	P HC WKP33G	P HC WSM33G	P HC WSM43G	M HC WSM13G	M HC WSM23G	M HC WSM33G	M HC WSM43G	K HC WKP13G	K HC WKP23G	K HC WKP33G	K HC WSM23G	K HC WSM33G	S HC WSM13G	S HC WSM23G	S HC WSM33G	S HC WSM43G
	GD26-3E300N02-UF4	3	0,2	26,5	0,09–0,26	0,1–1,5	±0,05	±0,15					😐				😐						😐			😐	
	GD26-3E300N03-UF4	3	0,3	26,5	0,09–0,26	0,2–2,0	±0,05	±0,15		😊	😊		😐	☹		😊	😐	☹		😐		😐	😐		😊	😐	☹
	GD26-3E318N03-UF4	3,18	0,3	26,5	0,09–0,26	0,2–2,0	±0,05	±0,15		😊			😐	☹			😐	☹		😐			😐			😐	☹
	GD26-4E400N02-UF4	4	0,2	26,5	0,09–0,30	0,1–2,8	±0,05	±0,15					😐				😐						😐			😐	
	GD26-4E400N04-UF4	4	0,4	26,5	0,10–0,30	0,2–2,8	±0,05	±0,15		😊	😊		😐	☹		😊	😐	☹		😐		😐	😐		😊	😐	☹
	GD26-4E400N08-UF4	4	0,8	26,5	0,10–0,30	0,4–2,8	±0,05	±0,15		😊			😐				😐			😐			😐			😐	
	GD26-4E475N04-UF4	4,75	0,4	26,5	0,10–0,35	0,3–3,0	±0,05	±0,15					😐				😐						😐			😐	
	GD26-5E500N04-UF4	5	0,4	26,5	0,10–0,35	0,2–3,0	±0,05	±0,15		😊	😊		😐	☹		😊	😐	☹		😐		😐	😐		😊	😐	☹
	GD26-5E500N08-UF4	5	0,8	26,5	0,10–0,35	0,4–3,0	±0,05	±0,15		😊			😐				😐			😐			😐			😐	
	GD26-6E600N05-UF4	6	0,5	26,5	0,12–0,40	0,3–3,5	±0,05	±0,15		😊			😐	☹			😐	☹		😐			😐			😐	☹
	GD26-6E600N08-UF4	6	0,8	26,5	0,12–0,40	0,4–3,5	±0,05	±0,15		😊			😐				😐			😐			😐			😐	
	GD26-6E635N05-UF4	6,35	0,5	26,5	0,12–0,40	0,3–3,5	±0,05	±0,15					😐				😐						😐			😐	
	GD26-8E800N08-UF4	8	0,8	26,5	0,15–0,55	0,9–4,0	±0,05	±0,15					🙁				🙁						🙁			🙁	
	GD26-3E300N03-UD4	3	0,3	26,5	0,09–0,26	0,4–2,0	±0,05	±0,15	😊	😊		😐	😐				😐		😊	😐	😐		😐			😐	
	GD26-3E318N03-UD4	3,18	0,3	26,5	0,10–0,26	0,4–2,0	±0,05	±0,15		😊										😐							
	GD26-4E400N04-UD4	4	0,4	26,5	0,10–0,30	0,5–2,8	±0,05	±0,15	😊	😊		😐	😐				😐		😊	😐	😐		😐			😐	
	GD26-4E400N08-UD4	4	0,8	26,5	0,10–0,30	0,9–2,8	±0,05	±0,15	😊	😊		😐	😐				😐		😊	😐	😐		😐			😐	
	GD26-5E500N04-UD4	5	0,4	26,5	0,12–0,35	0,5–3,0	±0,05	±0,15	😊	😊		😐	😐				😐		😊	😐	😐		😐			😐	
	GD26-5E500N08-UD4	5	0,8	26,5	0,12–0,35	0,9–3,0	±0,05	±0,15	😊	😊		😐	😐				😐		😊	😐	😐		😐			😐	
	GD26-6E600N05-UD4	6	0,5	26,5	0,14–0,40	0,6–3,5	±0,05	±0,15	😊	😊		😐	😐				😐		😊	😐	😐		😐			😐	
	GD26-6E600N08-UD4	6	0,8	26,5	0,14–0,40	0,9–3,5	±0,05	±0,15	😊	😊		😐	😐				😐		😊	😐	😐		😐			😐	
	GD26-8E800N08-UD4	8	0,8	26,5	0,20–0,50	0,9–4,0	±0,05	±0,15		🙁		🙁	🙁				🙁			🙁	🙁		🙁			🙁	
	GD26-8E800N12-UD4	8	1,2	26,5	0,15–0,50	1,3–4,0	±0,05	±0,15					🙁				🙁						🙁			🙁	

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WKP23G: GD26-3E300N03-UE6 WKP23G

HC = Coated carbide

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

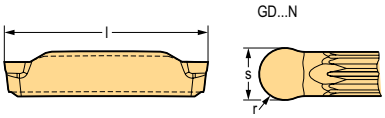
🙁 🙁 ☹ / ★ = New addition to the product range

A2

Grooving and copy turning – cutting inserts

GD

Tiger·tec® Gold



Cutting inserts

	Designation	s mm	r mm	l mm	f mm	a_p mm	S_{Tol} mm	l_{Tol} mm	P HC WKP23G	P HC WSM23G	P HC WSM33G	M HC WSM23G	M HC WSM33G	K HC WKP23G	K HC WSM33G	S HC WSM23G	S HC WSM33G
	GD26-3E300N15-RE6	3	1,5	26,5	0,08–0,36	0,1–1,5	±0,05	±0,15	☺	☺	😐	☺	😐	😐		☺	😐
	GD26-4E400N20-RE6	4	2	26,5	0,12–0,46	0,1–2,0	±0,05	±0,15	☺	☺	😐	☺	😐	😐		☺	😐
	GD26-5E500N25-RE6	5	2,5	26,5	0,15–0,58	0,2–2,5	±0,05	±0,15	☺	☺	😐	☺	😐	😐		☺	😐
	GD26-6E600N30-RE6	6	3	26,5	0,18–0,68	0,2–3,0	±0,05	±0,15	☺	☺	😐	☺	😐	😐		☺	😐
	GD26-8E800N40-RE6	8	4	26,5	0,18–0,80	0,4–4,0	±0,05	±0,15	☺	☺	😐	☺	😐	😐		☺	😐
	GD26-3E300N15-RD4	3	1,5	26,5	0,10–0,38	0,5–1,5	±0,05	±0,15	☺		😐		😐	😐	😐		😐
	GD26-3E318N16-RD4	3,18	1,6	26,5	0,10–0,38	0,5–1,5	±0,05	±0,15	☺		😐		😐	😐	😐		😐
	GD26-4E400N20-RD4	4	2	26,5	0,15–0,48	0,5–2,0	±0,05	±0,15	☺		😐		😐	😐	😐		😐
	GD26-4E475N24-RD4	4,75	2,38	26,5	0,17–0,50	0,5–2,3	±0,05	±0,15			😐		😐		😐		😐
	GD26-5E500N25-RD4	5	2,5	26,5	0,17–0,60	0,5–2,5	±0,05	±0,15	☺		😐		😐	😐	😐		😐
	GD26-6E600N30-RD4	6	3	26,5	0,20–0,70	0,5–3,0	±0,05	±0,15	☺		😐		😐	😐	😐		😐
	GD26-6E635N32-RD4	6,35	3,2	26,5	0,20–0,70	0,5–3,2	±0,05	±0,15			😐		😐		😐		😐
	GD26-8E800N40-RD4	8	4	26,5	0,20–0,80	0,5–4,0	±0,05	±0,15	☺					😐			

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WKP23G: GD26-3E300N15-RE6 WKP23G

HC = Coated carbide

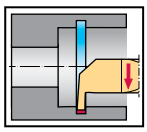
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide mini boring bar – Grooving and circlip grooves

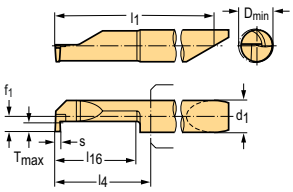
WB..-G mm

– from D_{min} 2mm



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar

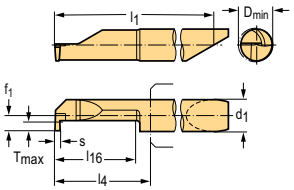


Designation	s mm	T_{max} mm	D_{min} mm	r mm	f_1 mm	l_{16} mm	f mm	WSM23X
★ WB04-G2012-050R	0,5	0,4	2		1,95	12	0,01–0,04	☺
★ WB04-G3016-070R	0,7	0,6	3		1,95	16	0,01–0,04	☺
★ WB04-G4210-078R	0,78	0,8	4,2		1,95	10	0,01–0,04	☺
★ WB04-G4215-078R	0,78	0,8	4,2		1,95	15	0,01–0,04	☺
★ WB04-G4220-078R	0,78	0,8	4,2		1,95	20	0,01–0,04	☺
★ WB04-G4210-100R	1	0,8	4,2		1,95	10	0,01–0,04	☺
★ WB04-G4215-100R	1	0,8	4,2		1,95	15	0,01–0,04	☺
★ WB04-G4220-100R	1	0,8	4,2		1,95	20	0,01–0,04	☺
★ WB05-G5210-078R	0,78	1	5,2		2,45	10	0,02–0,05	☺
★ WB05-G5215-078R	0,78	1	5,2		2,45	15	0,02–0,05	☺
★ WB05-G5220-078R	0,78	1	5,2		2,45	20	0,02–0,05	☺
★ WB05-G5210-100R	1	1	5,2		2,45	10	0,02–0,05	☺
★ WB05-G5215-100R	1	1	5,2		2,45	15,2	0,02–0,05	☺
★ WB05-G5220-100R	1	1	5,2		2,45	20	0,02–0,05	☺
★ WB05-G5230-100R	1	1	5,2		2,45	30	0,02–0,05	☺
★ WB06-G6210-117R	1,17	1,8	6,2		2,95	10	0,02–0,06	☺
★ WB05-G5210-150R	1,5	1	5,2		2,45	10	0,02–0,05	☺
★ WB05-G5215-150R	1,5	1	5,2		2,45	15	0,02–0,05	☺
★ WB05-G5220-150R	1,5	1	5,2		2,45	20	0,02–0,05	☺
★ WB05-G5230-150R	1,5	1	5,2		2,45	30	0,02–0,05	☺
★ WB05-G5210-200R	2	1	5,2		2,45	10	0,02–0,05	☺
★ WB05-G5215-200R	2	1	5,2		2,45	15,2	0,02–0,05	☺
★ WB05-G5220-200R	2	1	5,2		2,45	20	0,02–0,05	☺
★ WB05-G5230-200R	2	1	5,2		2,45	30	0,02–0,05	☺
★ WB06-G6210-078R	0,78	1,8	6,2		2,95	10	0,02–0,06	☺
★ WB06-G6215-078R	0,78	1,8	6,2		2,95	15	0,02–0,06	☺
★ WB06-G6225-078R	0,78	1,8	6,2		2,95	25	0,02–0,06	☺
★ WB06-G6210-100R	1	1,8	6,2		2,95	10	0,02–0,06	☺
★ WB06-G6215-100R	1	1,8	6,2		2,95	15	0,02–0,06	☺
★ WB06-G6225-100R	1	1,8	6,2		2,95	25	0,02–0,06	☺
★ WB06-G6235-100R	1	1,8	6,2		2,95	35	0,02–0,06	☺
★ WB06-G6215-117R	1,17	1,8	6,2		2,95	15	0,02–0,06	☺
★ WB06-G6225-117R	1,17	1,8	6,2		2,95	25	0,02–0,06	☺
★ WB06-G6210-150R	1,5	1,8	6,2		2,95	10	0,02–0,06	☺
★ WB06-G6215-150R	1,5	1,8	6,2		2,95	15	0,02–0,06	☺
★ WB06-G6225-150R	1,5	1,8	6,2		2,95	25	0,02–0,06	☺
★ WB06-G6235-150R	1,5	1,8	6,2		2,95	35	0,02–0,06	☺
★ WB06-G6215-157R	1,57	1,8	6,2		2,95	15	0,02–0,06	☺
★ WB06-G6225-157R	1,57	1,8	6,2		2,95	25	0,02–0,06	☺
★ WB06-G6210-200R	2	1,8	6,2		2,95	10	0,02–0,06	☺

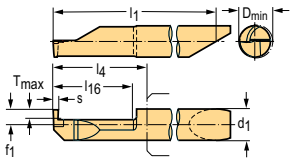
Ordering example for the grade WSM23X: WB04-G2012-050R WSM23X

A2

Boring bar



Designation	s mm	T_{max} mm	D_{min} mm	r mm	f_1 mm	l_{16} mm	f mm	WSM23X
★ WB06-G6215-200R	2	1,8	6,2		2,95	15	0,02–0,06	☺
★ WB06-G6225-200R	2	1,8	6,2		2,95	25	0,02–0,06	☺
★ WB06-G6230-200R	2	1,8	6,2		2,95	30	0,02–0,06	☺
★ WB07-G7215-200R	2	2,5	7,2		3,45	15	0,02–0,06	☺
★ WB07-G7210-078R	0,78	2,5	7,2		3,45	10	0,02–0,06	☺
★ WB07-G7215-078R	0,78	2,5	7,2		3,45	15	0,02–0,06	☺
★ WB07-G7225-078R	0,78	2,5	7,2		3,45	25	0,02–0,06	☺
★ WB07-G7235-078R	0,78	2,5	7,2		3,45	35	0,02–0,06	☺
★ WB07-G7210-100R	1	2,5	7,2		3,45	10	0,02–0,06	☺
★ WB07-G7215-100R	1	2,5	7,2		3,45	15	0,02–0,06	☺
★ WB07-G7225-100R	1	2,5	7,2		3,45	25	0,02–0,06	☺
★ WB07-G7235-100R	1	2,5	7,2		3,45	35	0,02–0,06	☺
★ WB07-G7210-150R	1,5	2,5	7,2		3,45	10	0,02–0,06	☺
★ WB07-G7215-150R	1,5	2,5	7,2		3,45	15	0,02–0,06	☺
★ WB07-G7225-150R	1,5	2,5	7,2		3,45	25	0,02–0,06	☺
★ WB07-G7235-150R	1,5	2,5	7,2		3,45	35	0,02–0,06	☺
★ WB07-G7215-157R	1,57	2,5	7,2		3,45	15	0,02–0,06	☺
★ WB07-G7225-157R	1,57	2,5	7,2		3,45	25	0,02–0,06	☺
★ WB07-G7210-200R	2	2,5	7,2		3,45	10	0,02–0,06	☺
★ WB07-G7225-200R	2	2,5	7,2		3,45	25	0,02–0,06	☺
★ WB07-G7235-200R	2	2,5	7,2		3,45	35	0,02–0,06	☺



★ WB05-G5220-100L	1	1	5,2		2,45	20	0,02–0,05	☺
★ WB05-G5220-200L	2	1	5,2		2,45	20	0,02–0,05	☺
★ WB06-G6215-100L	1	1,8	6,2		2,95	15	0,02–0,06	☺
★ WB06-G6215-150L	1,5	1,8	6,2		2,95	15	0,02–0,06	☺
★ WB06-G6215-200L	2	1,8	6,2		2,95	15	0,02–0,06	☺
★ WB07-G7215-100L	1	2,5	7,2		3,45	15	0,02–0,06	☺
★ WB07-G7215-150L	1,5	2,5	7,2		3,45	15	0,02–0,06	☺
★ WB07-G7215-200L	2	2,5	7,2		3,45	15	0,02–0,06	☺

Ordering example for the grade WSM23X: WB04-G2012-050R WSM23X

WALTER SELECT

●● Primary application ● Other application

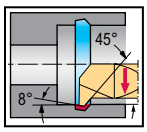
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

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

A2

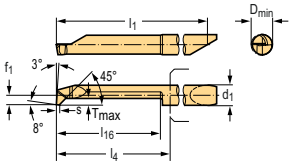
Solid carbide mini boring bar – Pre-parting

WB..-GP mm



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	d_1 mm	s mm	T_{max} mm	D_{min} mm	r mm	f_1 mm	l_{16} mm	f mm	WSM23X
★ WB04-GP3710-100R	4	1	0,7	3,7		1,7	10,2	0,01–0,04	☺
★ WB05-GP5215-100R	5	1	0,7	5,2		2,45	15	0,02–0,05	☺
★ WB05-GP5220-100R	5	1	0,7	5,2		2,45	20	0,02–0,05	☺
★ WB05-GP5225-100R	5	1	0,7	5,2		2,45	25	0,02–0,05	☺
★ WB05-GP5230-100R	5	1	0,7	5,2		2,45	30	0,02–0,05	☺
★ WB06-GP6230-100R	6	1	0,7	6,2		2,95	30,5	0,02–0,06	☺

Ordering example for the grade WSM23X: WB04-GP3710-100R WSM23X

WALTER SELECT

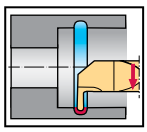
●● Primary application ● Other application

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

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

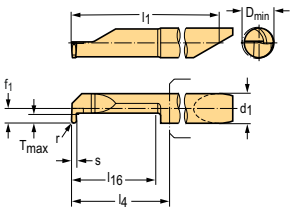
Solid carbide mini boring bar – Grooving and copy turning

WB..-GR mm



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	d_1 mm	s mm	T_{max} mm	D_{min} mm	r mm	f_1 mm	l_{16} mm	f mm	WSM23X
★ WB04-GR4215-100R	4	1	0,8	4,2	0,5	1,95	15	0,01–0,04	☺
★ WB05-GR5220-100R	5	1	1	5,2	0,5	2,45	20	0,02–0,05	☺
★ WB06-GR6225-100R	6	1	1,8	6,2	0,5	2,95	25	0,02–0,06	☺
★ WB06-GR6225-150R	6	1,5	1,8	6,2	0,8	2,95	25	0,02–0,06	☺
★ WB06-GR6225-200R	6	2	1,8	6,2	1	2,95	25	0,02–0,06	☺
★ WB07-GR7230-100R	7	1	2,5	7,2	0,5	3,45	30	0,02–0,06	☺
★ WB07-GR7230-150R	7	1,5	2,5	7,2	0,8	3,45	30	0,02–0,06	☺
★ WB07-GR7230-200R	7	2	2,5	7,2	1	3,45	30	0,02–0,06	☺

Ordering example for the grade WSM23X: WB04-GR4215-100R WSM23X

WALTER SELECT

●● Primary application ● Other application

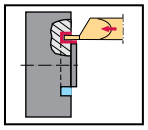
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

A2

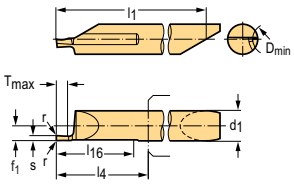
Solid carbide mini boring bar – Axial grooving

WB..-A mm

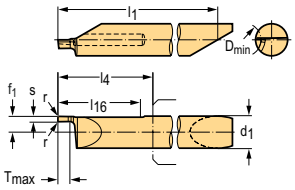


	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	d_1 mm	s mm	T_{max} mm	D_{min} mm	r mm	f_1 mm	l_{16} mm	f mm	WSM23X
★ WB06-A6215-100R	6	1	2	4,2	0,15	2,95	15	0,02–0,06	☺
★ WB06-A6215-150R	6	1,5	3	3,2	0,15	2,95	15	0,02–0,06	☺
★ WB06-A6215-200R	6	2	4	2,2	0,15	2,95	15	0,02–0,06	☺



Designation	d_1 mm	s mm	T_{max} mm	D_{min} mm	r mm	f_1 mm	l_{16} mm	f mm	WSM23X
★ WB06-A6215-100L	6	1	2	4,2	0,15	2,95	15	0,02–0,06	☺
★ WB06-A6215-150L	6	1,5	3	3,2	0,15	2,95	15	0,02–0,06	☺
★ WB06-A6215-200L	6	2	4	2,2	0,15	2,95	15	0,02–0,06	☺

Ordering example for the grade WSM23X: WB06-A6215-100R WSM23X

WALTER SELECT

●● Primary application ● Other application

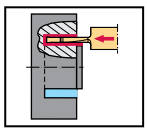
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

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

Solid carbide mini boring bar – axial deep grooving – neutral

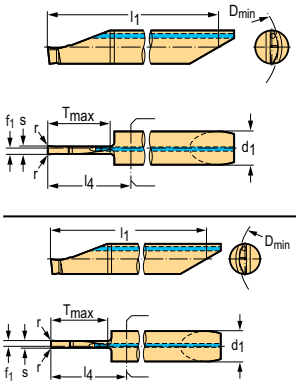
WB..-AN mm

– Internal cooling



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	d_1 mm	s mm	T_{max} mm	D_{min} mm	r mm	f_1 mm	f mm	WSM23X
★ WB08-AN16015P200R	8	2	15	12	0,2	0,49	0,02–0,06	☺
★ WB08-AN16015P300R	8	3	15	10	0,2	0,93	0,02–0,06	☺
★ WB10-AN20020P300R	10	3	20	14	0,2	0,93	0,02–0,06	☺
★ WB10-AN20030P300R	10	3	30	10	0,2	0,93	0,02–0,06	☺

Designation	d_1 mm	s mm	T_{max} mm	D_{min} mm	r mm	f_1 mm	f mm	WSM23X
★ WB08-AN16015P200L	8	2	15	12	0,2	0,49	0,02–0,06	☺
★ WB08-AN16015P300L	8	3	15	10	0,2	0,93	0,02–0,06	☺
★ WB10-AN20020P300L	10	3	20	14	0,2	0,93	0,02–0,06	☺
★ WB10-AN20030P300L	10	3	30	14	0,2	0,93	0,02–0,06	☺

Ordering example for the grade WSM23X: WB08-AN16015P200R WSM23X

WALTER SELECT

●● Primary application ● Other application

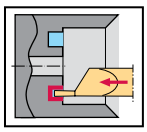
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

A2

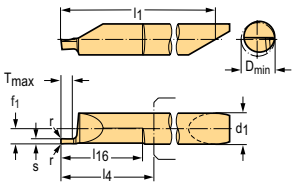
Solid carbide mini boring bar – Axial grooving – Contra

WB..-AC mm

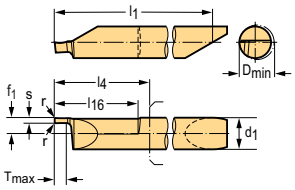


	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	d_1 mm	s mm	T_{max} mm	D_{min} mm	r mm	f_1 mm	l_{16} mm	f mm	WSM23X
★ WB06-AC6215-100R	6	1	2	4,2	0,15	2,95	15	0,02–0,06	☺
★ WB06-AC6215-150R	6	1,5	3	3,2	0,15	2,95	15	0,02–0,06	☺
★ WB06-AC6215-200R	6	2	4	2,2	0,15	2,95	15	0,02–0,06	☺
★ WB06-AC6215-250R	6	2,5	5	1,2	0,15	2,95	15	0,02–0,06	☺
★ WB06-AC6215-300R	6	3	6	0,2	0,15	2,95	15	0,02–0,06	☺



Designation	d_1 mm	s mm	T_{max} mm	D_{min} mm	r mm	f_1 mm	l_{16} mm	f mm	WSM23X
★ WB06-AC6215-100L	6	1	2	4,2	0,15	2,95	15	0,02–0,06	☺
★ WB06-AC6215-150L	6	1,5	3	3,2	0,15	2,95	15	0,02–0,06	☺
★ WB06-AC6215-200L	6	2	4	2,2	0,15	2,95	15	0,02–0,06	☺
★ WB06-AC6215-250L	6	2,5	5	1,2	0,15	2,95	15	0,02–0,06	☺
★ WB06-AC6215-300L	6	3	6	0,2	0,15	2,95	15	0,02–0,06	☺

Ordering example for the grade WSM23X: WB06-AC6215-100R WSM23X

WALTER SELECT

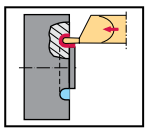
●● Primary application ● Other application

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

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

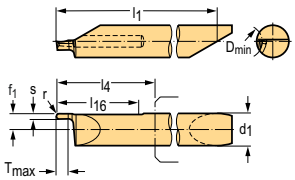
Solid carbide mini boring bar – Axial grooving full radius

WB..-AR mm



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	d_1 mm	s mm	T_{max} mm	D_{min} mm	r mm	f_1 mm	l_{16} mm	f mm	WSM23X
★ WB06-AR6215-100L	6	1	2	4,2	0,5	2,95	15,2	0,02–0,06	☺
★ WB06-AR6215-200L	6	2	4	2,2	1	2,95	15,2	0,02–0,06	☺

Ordering example for the grade WSM23X: WB06-AR6215-100L WSM23X

WALTER SELECT

●● Primary application ● Other application

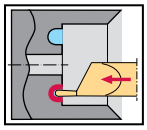
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

A2

Solid carbide mini boring bar – Axial grooving full radius – Contra

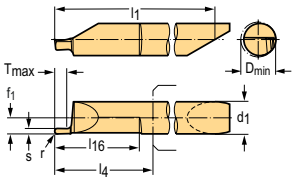
WB..-AD mm



WB...

	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	d_1 mm	s mm	T_{max} mm	D_{min} mm	r mm	f_1 mm	l_{16} mm	f mm	WSM23X
★ WB06-AD6215-100R	6	1	2	4,2	0,5	2,95	15,2	0,02–0,06	☺
★ WB06-AD6215-200R	6	2	4	2,2	1	2,95	15,2	0,02–0,06	☺

Ordering example for the grade WSM23X: WB06-AD6215-100R WSM23X

WALTER SELECT

●● Primary application ● Other application

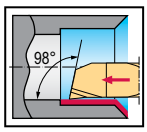
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

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

Solid carbide mini boring bar – Turning - Eccentric Line

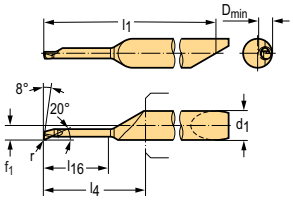
WB..-T..E mm

– Eccentric design for D_{min} less than 2 mm
– Recommended recording W4282

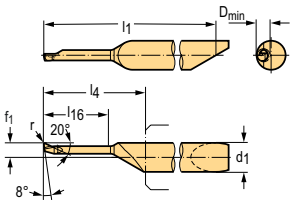


	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	d_1 mm	D_{min} mm	r mm	f_1 mm	l_{16} mm	l_4 mm	f mm	a_p mm	WSM23X
★ WB04-T0301E098R00	4	0,3	0	2	1,2	13	0,01–0,03	0,01–0,02	☺
★ WB04-T0401E098R00	4	0,4	0	2	1,6	13	0,01–0,03	0,01–0,02	☺
★ WB04-T0502E098R00	4	0,5	0	2	2	13	0,01–0,03	0,01–0,03	☺
★ WB04-T0602E098R00	4	0,6	0	2	2,5	13	0,01–0,03	0,01–0,03	☺
★ WB04-T0703E098R00	4	0,7	0	2	3,6	13	0,01–0,03	0,01–0,04	☺
★ WB04-T0804E098R00	4	0,8	0	2	4,1	13	0,01–0,03	0,01–0,04	☺
★ WB04-T0905E098R00	4	0,9	0	2	5,1	13	0,01–0,03	0,01–0,05	☺
★ WB04-T1004E098R05	4	1	0,05	2	4	13	0,02–0,03	0,05–0,07	☺
★ WB04-T1004E098R10	4	1	0,1	2	4	13	0,02–0,03	0,09–0,13	☺
★ WB04-T1006E098R05	4	1	0,05	2	6	13	0,02–0,03	0,05–0,07	☺
★ WB04-T1006E098R10	4	1	0,1	2	6	13	0,02–0,03	0,09–0,13	☺
★ WB04-T1706E098R05	4	1,7	0,05	2	6,1	13	0,02–0,03	0,05–0,07	☺
★ WB04-T1706E098R10	4	1,7	0,1	2	6,1	13	0,02–0,03	0,09–0,13	☺
★ WB04-T1709E098R05	4	1,7	0,05	2	9,1	13	0,02–0,03	0,05–0,07	☺
★ WB04-T1709E098R10	4	1,7	0,1	2	9,1	13	0,02–0,03	0,09–0,13	☺



★ WB04-T1004E098L10	4	1	0,1	2	4	13	0,02–0,03	0,09–0,13	☺
★ WB04-T1706E098L10	4	1,7	0,1	2	6,1	13	0,02–0,03	0,09–0,13	☺

Refer to the Walter online catalogue for more product information: www.walter-tools.com | Ordering example for the grade WSM23X: WB04-T0301E098R00 WSM23X

WALTER SELECT

●● Primary application ● Other application

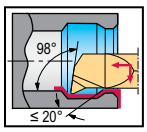
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

A2

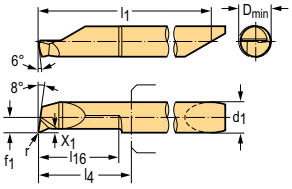
Solid carbide mini boring bar – Turning

WB..-T mm



	P	M	K	N	S	H	O
WSM13X	●●	●●	●	●●	●●		
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	d_1 mm	X_1 mm	D_{min} mm	r mm	f_1 mm	l_{16} mm	f mm	a_p mm	WSM23X	WSM13X
★ WB04-T2206-098R05	4	0,2	2,2	0,05	1	6	0,01–0,03	0,1–0,4	☺	
★ WB04-T2206-098R10	4	0,2	2,2	0,1	1	6	0,02–0,08	0,1–0,5	☺	
★ WB04-T2209-098R05	4	0,2	2,2	0,05	1	9	0,01–0,03	0,1–0,4	☺	
★ WB04-T2209-098R10	4	0,2	2,2	0,1	1	9	0,02–0,08	0,1–0,5	☺	
★ WB04-T2213-098R10	4	0,2	2,2	0,1	1	13	0,02–0,08	0,1–0,5	☺	
★ WB04-T2710-098R05	4	0,2	2,7	0,05	1,2	10	0,01–0,03	0,1–0,5	☺	☺
★ WB04-T2710-098R15	4	0,2	2,7	0,15	1,2	10	0,02–0,08	0,2–0,5	☺	☺
★ WB04-T2715-098R05	4	0,2	2,7	0,05	1,2	15	0,01–0,03	0,1–0,4	☺	
★ WB04-T2715-098R15	4	0,2	2,7	0,15	1,2	15	0,02–0,03	0,2–0,5	☺	☺
★ WB04-T3210-098R15	4	0,2	3,2	0,15	1,5	10	0,02–0,05	0,2–0,5	☺	☺
★ WB04-T3215-098R05	4	0,2	3,2	0,05	1,5	15	0,02–0,05	0,1–0,5	☺	☺
★ WB04-T3215-098R15	4	0,2	3,2	0,15	1,5	15	0,02–0,05	0,2–0,5	☺	☺
★ WB04-T3220-098R05	4	0,2	3,2	0,05	1,5	20	0,02–0,03	0,2–0,5	☺	
★ WB04-T3220-098R15	4	0,2	3,2	0,15	1,5	20	0,02–0,05	0,2–0,5	☺	☺
★ WB04-T4210-098R15	4	0,3	4,2	0,15	2	10	0,02–0,05	0,2–0,5	☺	☺
★ WB04-T4215-098R05	4	0,3	4,2	0,05	2	15	0,02–0,06	0,1–0,5	☺	☺
★ WB04-T4215-098R15	4	0,3	4,2	0,15	2	15	0,02–0,05	0,2–0,5	☺	☺
★ WB04-T4220-098R05	4	0,3	4,2	0,05	2	20	0,02–0,03	0,1–0,4	☺	
★ WB04-T4220-098R15	4	0,3	4,2	0,15	2	20	0,02–0,06	0,2–0,5	☺	☺
★ WB04-T4225-098R05	4	0,3	4,2	0,05	2	25	0,02–0,03	0,2–0,5	☺	
★ WB04-T4225-098R15	4	0,3	4,2	0,15	2	25	0,02–0,05	0,2–0,5	☺	☺
★ WB05-T5210-098R20	5	0,5	5,2	0,2	2,5	10	0,02–0,05	0,2–0,6	☺	☺
★ WB05-T5220-098R05	5	0,5	5,2	0,05	2,5	20	0,02–0,05	0,1–0,5	☺	☺
★ WB05-T5220-098R20	5	0,5	5,2	0,2	2,5	20	0,02–0,05	0,2–0,6	☺	☺
★ WB05-T5225-098R20	5	0,5	5,2	0,2	2,5	25	0,02–0,03	0,2–0,6	☺	☺
★ WB05-T5230-098R05	5	0,5	5,2	0,05	2,5	30	0,02–0,06	0,1–0,5	☺	
★ WB05-T5230-098R20	5	0,5	5,2	0,2	2,5	30	0,02–0,05	0,2–0,6	☺	☺
★ WB05-T5240-098R20	5	0,5	5,2	0,2	2,5	40	0,02–0,05	0,2–0,6	☺	
★ WB06-T6215-098R20	6	0,5	6,2	0,2	3	15	0,02–0,08	0,2–0,7	☺	☺
★ WB06-T6220-098R05	6	0,5	6,2	0,05	3	20	0,02–0,06	0,1–0,6	☺	
★ WB06-T6220-098R20	6	0,5	6,2	0,2	3	20	0,02–0,08	0,2–0,7	☺	☺
★ WB06-T6225-098R20	6	0,5	6,2	0,2	3	25	0,02–0,08	0,2–0,7	☺	☺
★ WB06-T6230-098R20	6	0,5	6,2	0,2	3	30	0,02–0,08	0,2–0,7	☺	☺
★ WB06-T6235-098R20	6	0,5	6,2	0,2	3	35	0,02–0,08	0,2–0,7	☺	
★ WB06-T6240-098R20	6	0,5	6,2	0,2	3	40	0,02–0,08	0,2–0,7	☺	☺
★ WB07-T7225-098R20	7	0,5	7,2	0,2	3,5	25	0,03–0,08	0,2–0,8	☺	☺
★ WB07-T7230-098R20	7	0,5	7,2	0,2	3,5	30	0,03–0,08	0,2–0,8	☺	☺
★ WB07-T7240-098R20	7	0,5	7,2	0,2	3,5	40	0,03–0,08	0,2–0,8	☺	
★ WB07-T7245-098R20	7	0,5	7,2	0,2	3,5	45	0,03–0,08	0,2–0,8	☺	

Refer to the Walter online catalogue for more product information: www.walter-tools.com | Ordering example for the grade WSM23X: WB04-T2206-098R05 WSM23X

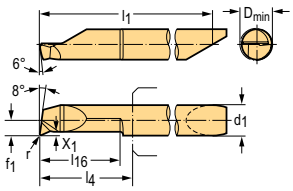
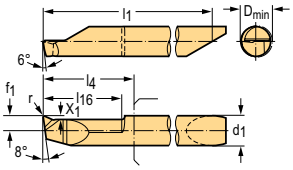
WALTER SELECT

●● Primary application ● Other application

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

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

Boring bar

	Designation	d_1 mm	X_1 mm	D_{min} mm	r mm	f_1 mm	l_{16} mm	f mm	a_p mm	WSM23X	WSM13X
	★ WB07-T7250-098R20	7	0,5	7,2	0,2	3,5	50	0,03–0,08	0,2–0,8	☺	☺
	★ WB04-T2206-098L10	4	0,2	2,2	0,1	1	6	0,02–0,03	0,1–0,4	☺	
	★ WB04-T2710-098L15	4	0,2	2,7	0,15	1,2	10	0,02–0,03	0,2–0,5	☺	
	★ WB04-T2715-098L15	4	0,2	2,7	0,15	1,2	15	0,02–0,03	0,2–0,5	☺	
	★ WB04-T3210-098L15	4	0,2	3,2	0,15	1,5	10	0,02–0,05	0,1–0,5	☺	
	★ WB04-T3215-098L15	4	0,2	3,2	0,15	1,5	15	0,02–0,05	0,2–0,5	☺	
	★ WB04-T3220-098L15	4	0,2	3,2	0,15	1,5	20	0,02–0,05	0,2–0,5	☺	
	★ WB04-T4210-098L15	4	0,3	4,2	0,15	2	10	0,02–0,05	0,2–0,5	☺	
	★ WB04-T4215-098L05	4	0,3	4,2	0,05	2	15	0,02–0,05	0,1–0,5	☺	
	★ WB04-T4215-098L15	4	0,3	4,2	0,15	2	15	0,02–0,05	0,2–0,5	☺	
	★ WB04-T4220-098L15	4	0,3	4,2	0,15	2	20	0,02–0,05	0,2–0,5	☺	
	★ WB04-T4225-098L15	4	0,3	4,2	0,15	2	25	0,02–0,05	0,2–0,5	☺	
	★ WB05-T5210-098L20	5	0,5	5,2	0,2	2,5	10	0,02–0,07	0,2–0,6	☺	
	★ WB05-T5220-098L20	5	0,5	5,2	0,2	2,5	20	0,02–0,07	0,2–0,6	☺	
	★ WB05-T5225-098L20	5	0,5	5,2	0,2	2,5	25	0,02–0,05	0,2–0,6	☺	
	★ WB05-T5230-098L20	5	0,5	5,2	0,2	2,5	30	0,02–0,07	0,2–0,6	☺	
	★ WB06-T6215-098L20	6	0,5	6,2	0,2	3	15	0,02–0,08	0,2–0,7	☺	
	★ WB06-T6220-098L20	6	0,5	6,2	0,2	3	20	0,02–0,08	0,2–0,7	☺	
	★ WB06-T6225-098L20	6	0,5	6,2	0,2	3	25	0,02–0,08	0,2–0,7	☺	
	★ WB06-T6230-098L20	6	0,5	6,2	0,2	3	30	0,02–0,08	0,2–0,7	☺	
	★ WB06-T6235-098L20	6	0,5	6,2	0,2	3	35	0,02–0,08	0,2–0,7	☺	
	★ WB07-T7225-098L20	7	0,5	7,2	0,2	3,5	25	0,03–0,08	0,2–0,8	☺	
	★ WB07-T7230-098L20	7	0,5	7,2	0,2	3,5	30	0,03–0,08	0,2–0,8	☺	

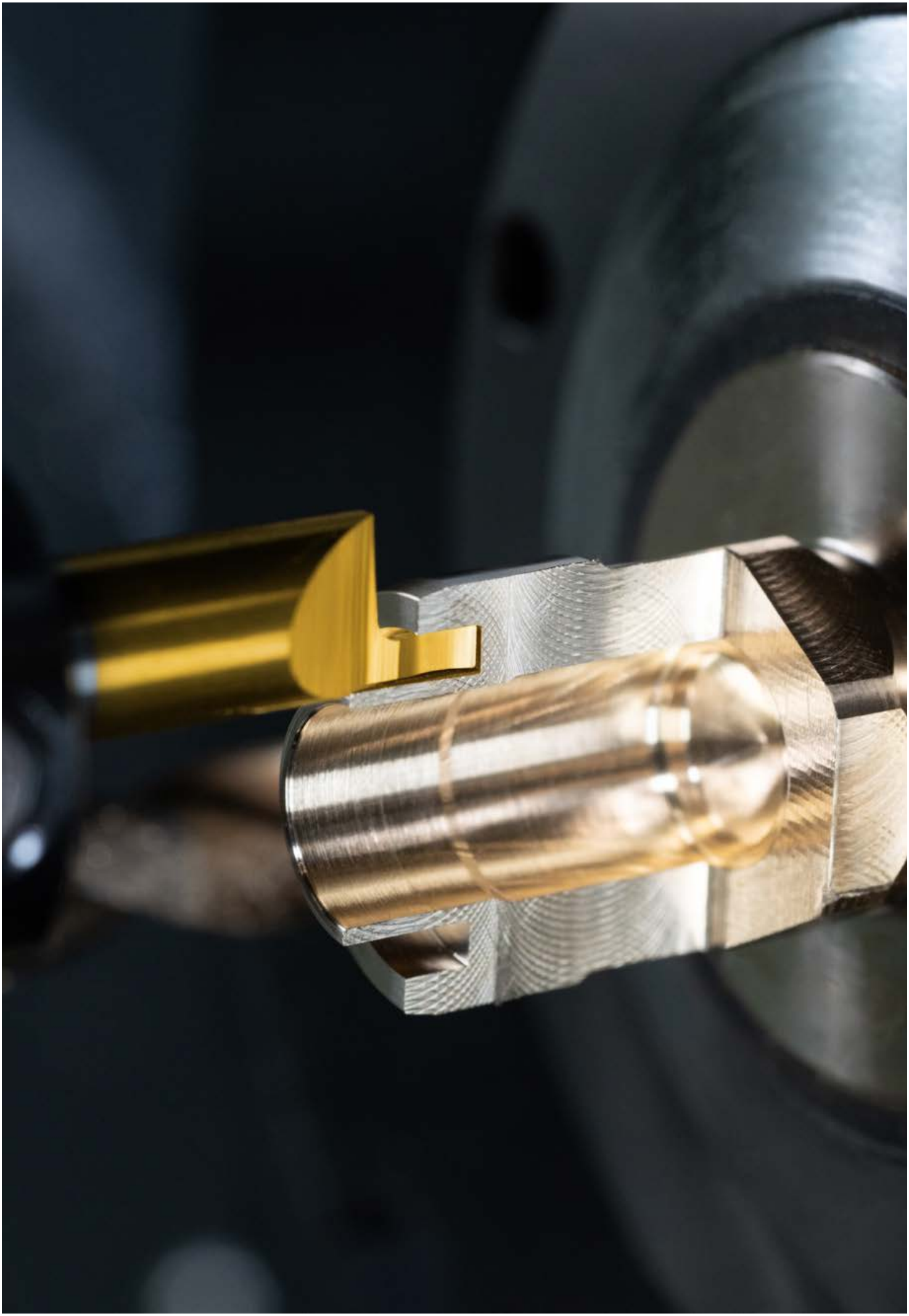
Refer to the Walter online catalogue for more product information: www.walter-tools.com | Ordering example for the grade WSM23X: WB04-T2206-098R05 WSM23X

WALTER SELECT

●● Primary application ● Other application

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

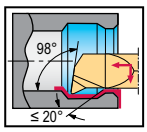
☺ 😐 ☹ / ★ = New addition to the product range



Solid carbide mini boring bar – Turning

WB..-T..F-P mm

– Laser-generated chip former
– Internal cooling

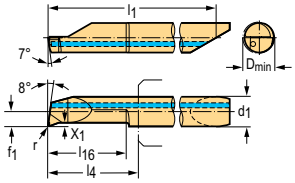


Chipbreaker

WB...

	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	d_1 mm	X_1 mm	D_{min} mm	r mm	f_1 mm	l_{16} mm	l_4 mm	f mm	a_p mm	WSM23X
★ WB04-T4210FP98R15	4	0,3	4,2	0,15	2	10,2	13	0,02–0,05	0,2–0,5	☺
★ WB05-T5210FP98R20	5	0,5	5,2	0,2	2,5	10,2	13	0,02–0,07	0,2–0,6	☺
★ WB06-T6215FP98R20	6	0,5	6,2	0,2	3	15,2	18	0,02–0,08	0,2–0,7	☺
★ WB07-T7225FP98R20	7	0,5	7,2	0,2	3,5	25,4	28	0,03–0,08	0,2–0,8	☺

Refer to the Walter online catalogue for more product information: www.walter-tools.com | Ordering example for the grade WSM23X: WB04-T4210FP98R15 WSM23X

WALTER SELECT

●● Primary application ● Other application

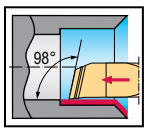
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

A2

Solid carbide mini boring bar – Turning

WB..-T..X mm

– Ground chipformer

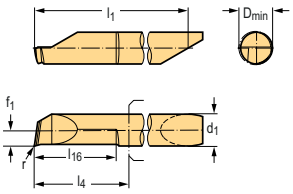


Chipbreaker

WB...

	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	d_1 mm	D_{min} mm	r mm	f_1 mm	l_{16} mm	l_4 mm	f mm	a_p mm	WSM23X
★ WB04-T3215X098R15	4	3,2	0,15	2	15,2	18	0,05–0,15	0,2–0,5	☺
★ WB04-T4210X098R15	4	4,2	0,15	2	10,2	13	0,02–0,06	0,2–0,5	☺
★ WB04-T4215X098R15	4	4,2	0,15	2	15,3	18	0,02–0,06	0,2–0,5	☺
★ WB04-T4225X098R15	4	4,2	0,15	2	25,3	28	0,02–0,06	0,2–0,5	☺
★ WB05-T5210X098R20	5	5,2	0,2	2,5	10,2	13	0,02–0,08	0,2–0,6	☺
★ WB05-T5220X098R20	5	5,2	0,2	2,5	20,3	23	0,02–0,08	0,2–0,6	☺
★ WB05-T5230X098R20	5	5,2	0,2	2,5	30,5	33	0,02–0,08	0,2–0,6	☺
★ WB06-T6215X098R20	6	6,2	0,2	3	15,2	18	0,02–0,08	0,2–0,8	☺
★ WB06-T6220X098R20	6	6,2	0,2	3	20,3	23	0,02–0,08	0,2–0,8	☺
★ WB06-T6225X098R20	6	6,2	0,2	3	25,4	28	0,02–0,08	0,2–0,8	☺
★ WB06-T6230X098R20	6	6,2	0,2	3	30,5	33	0,02–0,08	0,2–0,8	☺
★ WB07-T7225X098R20	7	7,2	0,2	3,5	25,4	28	0,03–0,08	0,2–0,9	☺
★ WB07-T7230X098R20	7	7,2	0,2	3,5	30,5	33	0,03–0,08	0,2–0,9	☺
★ WB07-T7240X098R20	7	7,2	0,2	3,5	40,6	43	0,03–0,08	0,2–0,9	☺

Refer to the Walter online catalogue for more product information: www.walter-tools.com | Ordering example for the grade WSM23X: WB04-T3215X098R15 WSM23X

WALTER SELECT

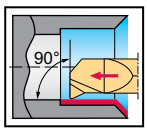
●● Primary application ● Other application

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

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

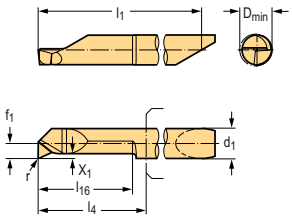
Solid carbide mini boring bar – Turning

WB..-T mm



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	d_1 mm	X_1 mm	D_{min} mm	r mm	f_1 mm	l_{16} mm	f mm	a_p mm	WSM23X
★ WB04-T3212-090R15	4	0,2	3,2	0,15	1,5	12	0,02–0,05	0,1–0,5	☺
★ WB04-T4215-090R15	4	0,3	4,2	0,15	2	15	0,02–0,05	0,1–0,5	☺
★ WB05-T5210-090R20	5	0,5	5,2	0,2	2,5	10	0,02–0,07	0,2–0,6	☺
★ WB05-T5215-090R20	5	0,5	5,2	0,2	2,5	15	0,02–0,07	0,2–0,6	☺
★ WB05-T5220-090R20	5	0,5	5,2	0,2	2,5	20	0,02–0,07	0,2–0,6	☺

Refer to the Walter online catalogue for more product information: www.walter-tools.com | Ordering example for the grade WSM23X: WB04-T3212-090R15 WSM23X

WALTER SELECT

●● Primary application ● Other application

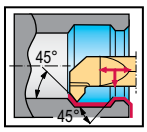
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

A2

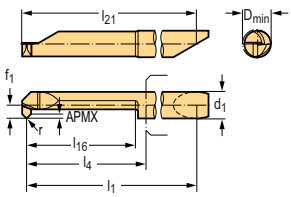
Solid carbide mini boring bar – Turning and chamfering

WB..-T mm



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	d_1 mm	D_{min} mm	APMX mm	r mm	f_1 mm	l_{16} mm	l_4 mm	l_{21} mm	f mm	a_p mm	WSM23X
★ WB05-T5215-045R20	5	5,2	0,6	0,2	2,5	15	17	22,3	0,02–0,06	0,2–0,6	☺
★ WB05-T5220-045R20	5	5,2	0,6	0,2	2,5	20	22	27,3	0,02–0,06	0,2–0,6	☺
★ WB06-T6220-045R20	6	6,2	0,6	0,2	3	20	22	28,2	0,02–0,07	0,2–0,6	☺
★ WB06-T6225-045R20	6	6,2	0,6	0,2	3	25	27	33,2	0,02–0,07	0,2–0,6	☺
★ WB07-T7220-045R20	7	7,2	0,6	0,2	3,5	20	22	29,1	0,02–0,07	0,2–0,6	☺
★ WB07-T7240-045R20	7	7,2	0,6	0,2	3,5	40	42	49,1	0,02–0,07	0,2–0,6	☺

Refer to the Walter online catalogue for more product information: www.walter-tools.com | Ordering example for the grade WSM23X: WB05-T5215-045R20 WSM23X

WALTER SELECT

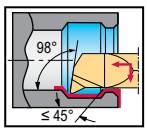
●● Primary application ● Other application

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

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

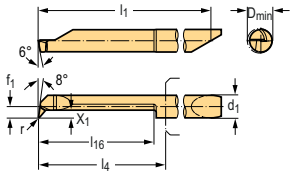
Solid carbide mini boring bar – Copy turning

WB..-C mm

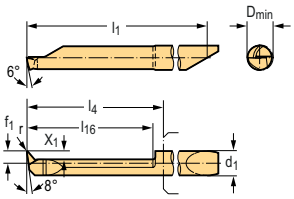


	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	d_1 mm	D_{min} mm	X_1 mm	r mm	f_1 mm	l_{16} mm	l_4 mm	f mm	a_p mm	WSM23X
★ WB04-C4220-098R15	4	4,2	0,8	0,15	2	20	23	0,02–0,05	0,2–0,5	☺
★ WB05-C5225-098R15	5	5,2	1	0,15	2,5	25	28	0,02–0,06	0,2–0,6	☺
★ WB06-C6230-098R15	6	6,2	1,8	0,15	3	30	33	0,02–0,07	0,2–0,6	☺
★ WB07-C7240-098R20	7	7,2	2,5	0,2	3,5	40	43	0,02–0,07	0,2–0,6	☺



Designation	d_1 mm	D_{min} mm	X_1 mm	r mm	f_1 mm	l_{16} mm	l_4 mm	f mm	a_p mm	WSM23X
★ WB04-C4220-098L15	4	4,2	0,8	0,15	2	20	23	0,02–0,05	0,2–0,5	☺
★ WB05-C5225-098L15	5	5,2	1	0,15	2,5	25	28	0,02–0,06	0,2–0,6	☺
★ WB06-C6230-098L15	6	6,2	1,8	0,15	3	30	33	0,02–0,07	0,2–0,6	☺
★ WB07-C7240-098L20	7	7,2	2,5	0,2	4,2	40	43	0,02–0,07	0,2–0,6	☺

Refer to the Walter online catalogue for more product information: www.walter-tools.com | Ordering example for the grade WSM23X: WB04-C4220-098R15 WSM23X

WALTER SELECT

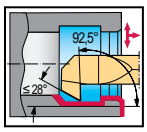
●● Primary application ● Other application

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

A2

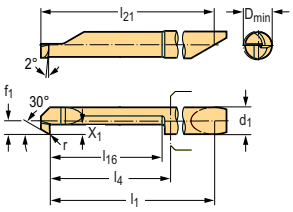
Solid carbide mini boring bar – Backward turning

WB..-B mm



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	d_1 mm	D_{min} mm	X_1 mm	r mm	f_1 mm	l_{16} mm	l_4 mm	l_{21} mm	f mm	a_p mm	WSM23X
★ WB04-B4225-090R15	4	4,2	0,8	0,15	2	23,4	26	31,5	0,02–0,05	0,2–0,5	☺
★ WB05-B5230-090R15	5	5,2	1	0,2	2,5	28,5	31	37,3	0,02–0,06	0,2–0,6	☺
★ WB06-B6230-090R15	6	6,2	1,8	0,2	3	28,5	31	38,2	0,02–0,07	0,2–0,6	☺
★ WB07-B7230-090R15	7	7,2	2,5	0,2	3,5	27,5	30	39,1	0,02–0,07	0,2–0,6	☺

Refer to the Walter online catalogue for more product information: www.walter-tools.com | Ordering example for the grade WSM23X: WB04-B4225-090R15 WSM23X

WALTER SELECT

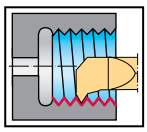
●● Primary application ● Other application

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

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

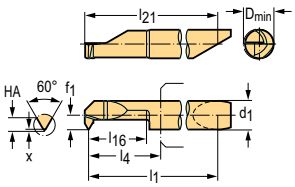
Solid carbide mini boring bar – 60° partial profile

WB..-I mm

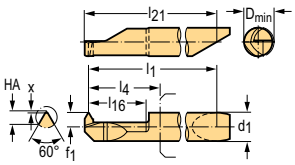


	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	TP mm	TPI [Threads/ Inch]	d_1 mm	D_{min} mm	l_{21} mm	l_{16} mm	l_4 mm	l_1 mm	f_1 mm	HA mm	X mm	WSM23X
★ WB04-IR4215-60050	0,5–0,7	48–36	4	4,2	32,3	15	17,6	31,9	1,95	0,45	0,05	☺
★ WB05-IR5215-60050	0,5–0,8	48–36	5	5,2	37,3	15	17,6	36,9	2,45	0,48	0,05	☺
★ WB05-IR5115-60070	0,75–1	36–24	5	5,1	37,3	15	17,6	36,8	2,35	0,65	0,08	☺
★ WB05-IR4815-60100	1–1,3	24–20	5	4,8	37,3	14,7	17,5	36,7	2,25	0,8	0,1	☺
★ WB06-IR6215-60100	1–1,3	24–20	6	6,2	37,3	15	17,5	36,7	2,95	0,8	0,1	☺
★ WB06-IR6215-60125	1,25–1,5	20–18	6	6,2	37,3	15	17,2	36,6	2,95	0,97	0,13	☺
★ WB06-IR6215-60150	1,5–1,8	18–16	6	6,2	37,3	15	17,2	36,5	2,95	1,14	0,16	☺



Designation	TP mm	TPI [Threads/ Inch]	d_1 mm	D_{min} mm	l_{21} mm	l_{16} mm	l_4 mm	l_1 mm	f_1 mm	HA mm	X mm	WSM23X
★ WB04-IL4215-60050	0,5–0,7	48–36	4	4,2	32,3	15	17,6	31,9	1,95	0,45	0,05	☺
★ WB05-IL4815-60100	1–1,3	24–20	5	4,8	37,3	15	17,5	36,7	2,25	0,8	0,1	☺
★ WB06-IL6215-60125	1,25–1,5	20–18	6	6,2	37,3	15	17,2	36,6	2,95	0,97	0,13	☺
★ WB06-IL6215-60150	1,5–1,8	18–16	6	6,2	37,3	15	17,2	36,5	2,95	1,14	0,16	☺

Ordering example for the grade WSM23X: WB04-IR4215-60050 WSM23X

WALTER SELECT

●● Primary application ● Other application

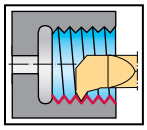
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

A2

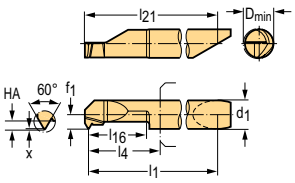
Solid carbide mini boring bar – Full profile, ISO metric 60°

WB..-I mm



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	TP mm	d_1 mm	D_{min} mm	l_{21} mm	l_{16} mm	l_4 mm	l_1 mm	f_1 mm	HA mm	X mm	WSM23X
★ WB04-IR4215ISO050	0,5	4	4,2	32,3	15	17,6	31,9	1,95	0,45	0,05	☺
★ WB04-IR4215ISO070	0,7	4	4,2	32,3	15	17,5	31,8	1,9	0,77	0,07	☺
★ WB04-IR4015ISO080	0,8	4	4	32,3	15	17,5	31,8	1,85	0,84	0,09	☺
★ WB05-IR5215ISO050	0,5	5	5,2	37,3	15	17,6	36,9	2,45	0,45	0,05	☺
★ WB05-IR5115ISO075	0,75	5	5,1	37,3	15	17,5	36,8	2,4	0,78	0,08	☺
★ WB05-IR4815ISO100	1	5	4,8	37,3	14,6	17,4	36,7	2,25	1	0,1	☺
★ WB06-IR6215ISO100	1	6	6,2	37,3	15	17,4	36,7	2,95	1	0,1	☺
★ WB06-IR6215ISO125	1,25	6	6,2	37,3	15	17,3	36,6	2,95	1,28	0,13	☺
★ WB06-IR6215ISO150	1,5	6	6,2	37,3	15	17,2	36,5	2,95	1,61	0,16	☺
★ WB06-IR6215ISO175	1,75	6	6,2	37,3	15	17,1	36,4	2,95	1,83	0,18	☺
★ WB06-IR6215ISO200	2	6	6,2	37,3	15	17	36,3	2,95	2,07	0,22	☺

Ordering example for the grade WSM23X: WB04-IR4015ISO080 WSM23X

WALTER SELECT

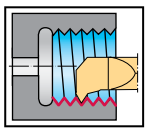
●● Primary application ● Other application

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

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

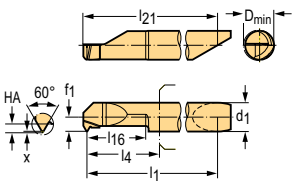
Solid carbide mini boring bar – Full profile, American UN 60°

WB..-I mm



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	TPI [Threads/ Inch]	d_1 mm	D_{min} mm	l_{21} mm	l_{16} mm	l_4 mm	l_1 mm	f_1 mm	HA mm	X mm	WSM23X
★ WB04-IR4215-UN24	24	4	4,2	32,3	15	17,4	31,6	1,95	1,01	0,11	☺
★ WB04-IR4015-UN28	28	4	4	32,3	15	17,4	31,7	1,85	0,9	0,1	☺
★ WB04-IR4015-UN32	32	4	4	32,3	15	17,5	31,7	1,85	0,89	0,09	☺
★ WB05-IR5215-UN20	20	5	5,2	37,3	15	17,3	36,6	2,45	1,13	0,13	☺
★ WB06-IR6215-UN16	16	6	6,2	37,3	15	15,2	36,4	2,95	1,36	0,16	☺
★ WB06-IR6215-UN18	18	6	6,2	37,3	15	17,3	36,5	2,95	1,25	0,15	☺

Ordering example for the grade WSM23X: WB04-IR4015-UN28 WSM23X

WALTER SELECT

●● Primary application ● Other application

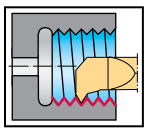
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

A2

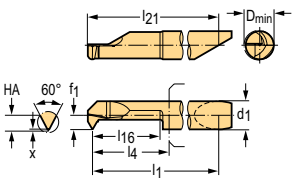
Solid carbide mini boring bar – Full profile, American NPT 60°

WB..-I mm



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	TPI [Threads/ Inch]	d_1 mm	D_{min} mm	l_{21} mm	l_{16} mm	l_4 mm	l_1 mm	f_1 mm	HA mm	X mm	WSM23X
★ WB06-IR2115-NPT18	18	6	6,2	37,3	15	17,2	36,3	2,95	1,64	0,04	☺
★ WB06-IR2115-NPT27	27	6	6,2	37,3	15	17,2	36,5	2,95	1,63	0,03	☺

Ordering example for the grade WSM23X: WB06-IR2115-NPT18 WSM23X

WALTER SELECT

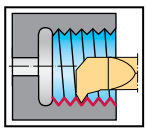
●● Primary application ● Other application

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

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

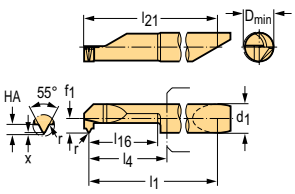
Solid carbide mini boring bar – Full profile, Whitworth 55°

WB..-I mm



	P	M	K	N	S	H	O
WSM23X	●●	●●	●	●	●●		

Boring bar



Designation	TPI [Threads/ Inch]	d_1 mm	D_{min} mm	r mm	l_{21} mm	l_{16} mm	l_4 mm	l_1 mm	f_1 mm	HA mm	X mm	WSM23X
★ WB05-IR2115-W28	28	5	5,2	0,12	37,3	15	17,2	36,5	2,45	0,73	0,14	☺
★ WB06-IR2115-W19	19	6	6,2	0,18	37,3	15	17	36,3	2,95	1,07	0,21	☺
★ WB06-IR2115-W28	28	6	6,2	0,12	37,3	15	17,2	36,5	2,95	0,73	0,14	☺

Ordering example for the grade WSM23X: WB05-IR2115-W28 WSM23X

WALTER SELECT

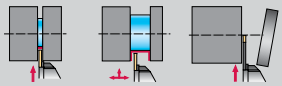
●● Primary application ● Other application

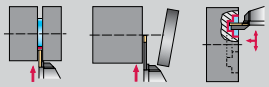
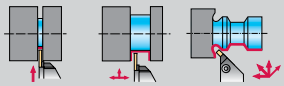
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

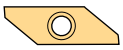
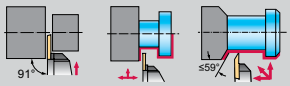
A2

Shank tools/parting blades

System	GD..		
Machining			
	NEW	NEW	NEW
Designation	G5011	G5011...-P	G5111
Insert width s [mm]	3–8	3–8	3–8
Cutting depth T_{max} [mm]	38	33	28
Coolant supply	External	Precision cooling	External
Shank size h [mm]	20–32	16–32	25
Shank size h [Inch]	0,625–1,500	0,750–1,000	
Page in catalogue	74	76	81
QR code			
www.walter-tools.com/woc/	G5011	G5011-P	G5111

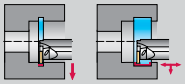
System	GD..		
Machining			
	NEW	NEW	NEW
Designation	G5111...-P	G5521	G5551
Insert width s [mm]	3–6	2,5–6	2,5–6
Cutting depth T_{max} [mm]	25	8	8
Coolant supply	Precision cooling	External	External
Shank size h [mm]	25	20–25	20–25
Shank size h [Inch]		0,750–1,000	1,000
Page in catalogue	84	86	88
QR code			
www.walter-tools.com/woc/	G5111-P	G5521	G5551

Shank tools/parting blades

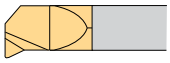
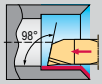
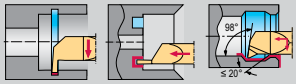
System	 WT..
Machining	
	NEW
Designation	W2011-P
Insert width s [mm]	0,5–3
Cutting depth T_{max} [mm]	7
Coolant supply	Precision cooling
Shank size h [mm]	12–20
Shank size h [Inch]	
Page in catalogue	90
QR code	
www.walter-tools.com/woc/	W2011-P

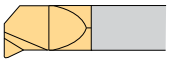
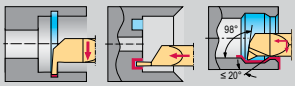
A2

Boring bars – Internal grooving

System	GD..
Machining	
	NEW
Designation	G5221
Insert width s [mm]	3–5
Cutting depth T_{max} [mm]	12
Coolant supply	Internal
Boring bar Ø d_1 [mm]	32–40
Boring bar Ø d_1 [inch]	
Page in catalogue	91
QR code	
www.walter-tools.com/woc/	G5221

Boring bars WB – Internal machining

System	 WB...		
Machining			
	NEW	NEW	NEW
Designation	W4282-A	W4280-A	W4291-A
Insert width s [mm]			
Cutting depth T_{max} [mm]			
Coolant supply	Internal	Internal	Internal
Shank size h [mm]	10,4–20	20–25	15–25
Shank size h [Inch]	0,437–0,709	0,709–0,961	0,039–0,961
Page in catalogue	94	92	96
QR code			
www.walter-tools.com/woc/	W4282-A	W4280-A	W4291-A

System	 WB...
Machining	
	NEW
Designation	W4280-C
Insert width s [mm]	
Cutting depth T_{max} [mm]	
Coolant supply	Internal
Shank size h [mm]	C3–C4
Shank size h [Inch]	
Page in catalogue	98
QR code	
www.walter-tools.com/woc/	W4280-C

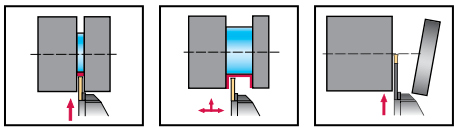
A2

Shank tool – Radial grooving

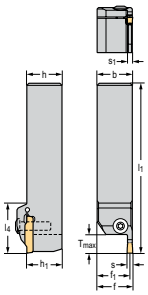
G5011 mm

Groov·tec® GD

– Screw clamping



Tool

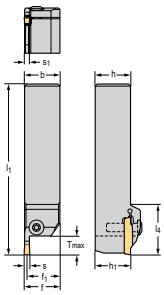


Square shank

Designation	s mm	T_{max} mm	h = h_1 mm	b mm	f_1 mm	l_1 mm	l_4 mm	s_1 mm	Type
G5011-2020R-3T12GD26	3	12	20	20	18,8	145	35	2,4	GD26-3 ..
G5011-2525R-3T12GD26		12	25	25	23,8	145	35	2,4	
G5011-2020R-4T12GD26	4	12	20	20	18,3	145	35	3,4	GD26-4 ..
G5011-2020R-4T21GD26		21	20	20	18,3	150	40	3,4	
G5011-2525R-4T12GD26		12	25	25	23,3	145	35	3,4	
G5011-2525R-4T21GD26		21	25	25	23,3	150	40	3,4	
G5011-2020R-5T12GD26	5	12	20	20	17,9	145	35	4,2	GD26-5 ..
G5011-2020R-5T21GD26		21	20	20	17,9	150	40	4,2	
G5011-2525R-5T12GD26		12	25	25	22,9	145	35	4,2	
G5011-2525R-5T21GD26		21	25	25	22,9	150	40	4,2	
G5011-2525R-5T33GD26		33	25	25	22,9	150	55	4,2	
G5011-3232R-5T33GD26		33	32	32	29,9	150	55	4,2	
G5011-2020R-6T12GD26	6	12	20	20	17,4	145	35	5,2	GD26-6 ..
G5011-2020R-6T21GD26		21	20	20	17,4	150	40	5,2	
G5011-2525R-6T12GD26		12	25	25	22,4	145	35	5,2	
G5011-2525R-6T21GD26		21	25	25	22,8	150	40	5,2	
G5011-2525R-6T33GD26		33	25	25	22,4	150	55	5,2	
G5011-3232R-6T33GD26		33	32	32	29,4	150	55	5,2	
★ G5011-2525R-8T28GD26	8	28	25	25	21,5	145	50	7	GD26-8 ..
★ G5011-3232R-8T28GD26		28	32	32	28,5	145	50	7	
G5011-2020L-3T12GD26	3	12	20	20	18,8	145	35	2,4	GD26-3 ..
G5011-2525L-3T12GD26		12	25	25	23,8	145	35	2,4	
G5011-2020L-4T12GD26	4	12	20	20	18,3	145	35	3,4	GD26-4 ..
G5011-2020L-4T21GD26		21	20	20	18,3	150	40	3,4	
G5011-2525L-4T12GD26		12	25	25	23,3	145	35	3,4	
G5011-2525L-4T21GD26		21	25	25	23,3	150	40	3,4	
G5011-2020L-5T12GD26	5	12	20	20	17,9	145	35	4,2	GD26-5 ..
G5011-2020L-5T21GD26		21	20	20	17,9	150	40	4,2	
G5011-2525L-5T12GD26		12	25	25	22,9	145	35	4,2	
G5011-2525L-5T21GD26		21	25	25	22,9	150	40	4,2	
G5011-2525L-5T33GD26		33	25	25	22,9	150	55	4,2	
G5011-3232L-5T33GD26		33	32	32	29,9	150	55	4,2	
G5011-2020L-6T12GD26	6	12	20	20	17,4	145	35	5,2	GD26-6 ..
G5011-2020L-6T21GD26		21	20	20	17,4	150	40	5,2	
G5011-2525L-6T12GD26		12	25	25	22,4	145	35	5,2	
G5011-2525L-6T21GD26		21	25	25	22,4	150	40	5,2	

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

Tool

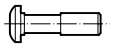


Square shank

Designation	s mm	T_{max} mm	h = h_1 mm	b mm	f_1 mm	l_1 mm	l_4 mm	s_1 mm	Type
G5011-2525L-6T33GD26	6	33	25	25	22,4	150	55	5,2	GD26-6 ..
G5011-3232L-6T33GD26		33	32	32	29,4	150	55	5,2	
★ G5011-2525L-8T28GD26	8	28	25	25	21,5	145	50	7	GD26-8 ..
★ G5011-3232L-8T28GD26		28	32	32	28,5	145	50	7	

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

Assembly parts

	s [mm]	3–4	5–6	8
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm	FS2118 (T20IP) 5 Nm	M08X020 ISO4762 12.9 (SW 6) 10 Nm
	Allen key	FS1464 (T20IP)	FS1464 (T20IP)	ISO2936-6 (SW 6)

Accessories

	s [mm]	3–4	5–6	8
	Torque screwdriver, analogue	FS2003		
	Torque screwdriver, digital	FS2248		
	Torque T-handle		FS2041	
	Interchangeable blade	FS2015 (T20IP)		SD2000-6.0 SW (SW 6)

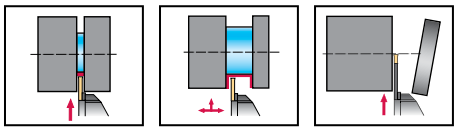
A2

Shank tool – Radial grooving

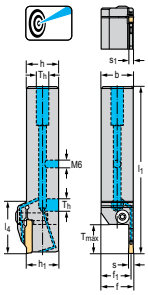
G5011...-P mm

Groov·tec® GD

– Screw clamping
– Precision cooling



Tool

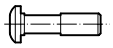


Square shank

Designation	s mm	T_{max} mm	h = h_1 mm	b mm	f_1 mm	l_1 mm	l_4 mm	s_1 mm	T_h	Type
G5011-2020R-3T12GD26-P	3	12	20	20	18,8	120	35	2,4	G1/8"	GD26-3 ..
G5011-2525R-3T12GD26-P		12	25	25	23,8	125	35	2,4	G1/8"	
G5011-2020R-4T12GD26-P	4	12	20	20	18,3	120	35	3,4	G1/8"	GD26-4 ..
G5011-2020R-4T21GD26-P		21	20	20	18,3	125	40	3,4	G1/8"	
G5011-2525R-4T12GD26-P		12	25	25	23,3	125	35	3,4	G1/8"	
G5011-2525R-4T21GD26-P		21	25	25	23,3	130	40	3,4	G1/8"	
G5011-2020R-5T12GD26-P	5	12	20	20	17,9	120	35	4,2	G1/8"	GD26-5 ..
G5011-2020R-5T21GD26-P		21	20	20	17,9	125	40	4,2	G1/8"	
G5011-2525R-5T12GD26-P		12	25	25	22,9	125	35	4,2	G1/8"	
G5011-2525R-5T21GD26-P		21	25	25	22,9	130	40	4,2	G1/8"	
G5011-2525R-5T33GD26-P		33	25	25	22,9	145	55	4,2	G1/8"	
G5011-2525R-6T12GD26-P	6	12	25	25	22,4	125	35	5,2	G1/8"	GD26-6 ..
G5011-2525R-6T21GD26-P		21	25	25	22,4	130	40	5,2	G1/8"	
G5011-2525R-6T33GD26-P		33	25	25	22,4	145	55	5,2	G1/8"	
★ G5011-2525R-8T28GD26-P	8	28	25	25	21,5	140	50	7	G1/8"	GD26-8 ..
★ G5011-3225R-8T28GD26-P		28	32	25	21,5	145	50	7	G1/8"	
G5011-2020L-3T12GD26-P	3	12	20	20	18,8	120	35	2,4	G1/8"	GD26-3 ..
G5011-2525L-3T12GD26-P		12	25	25	23,8	125	35	2,4	G1/8"	
G5011-1616L-4T12GD26-P	4	12	16	16	14,3	120	35	3,4	G1/8"	GD26-4 ..
G5011-2020L-4T12GD26-P		12	20	20	18,3	120	35	3,4	G1/8"	
G5011-2020L-4T21GD26-P		21	20	20	18,3	125	40	3,4	G1/8"	
G5011-2525L-4T12GD26-P		12	25	25	23,3	125	35	3,4	G1/8"	
G5011-2525L-4T21GD26-P		21	25	25	23,3	130	40	3,4	G1/8"	
G5011-2020L-5T12GD26-P	5	12	20	20	17,9	120	35	4,2	G1/8"	GD26-5 ..
G5011-2020L-5T21GD26-P		21	20	20	17,9	125	40	4,2	G1/8"	
G5011-2525L-5T12GD26-P		12	25	25	22,9	125	35	4,2	G1/8"	
G5011-2525L-5T21GD26-P		21	25	25	22,9	130	40	4,2	G1/8"	
G5011-2525L-5T33GD26-P		33	25	25	22,9	145	55	4,2	G1/8"	
G5011-2525L-6T12GD26-P	6	12	25	25	22,4	125	35	5,2	G1/8"	GD26-6 ..
G5011-2525L-6T21GD26-P		21	25	25	22,4	130	40	5,2	G1/8"	
G5011-2525L-6T33GD26-P		33	25	25	22,4	145	55	5,2	G1/8"	
★ G5011-2525L-8T28GD26-P	8	28	25	25	21,5	140	50	7	G1/8"	GD26-8 ..
★ G5011-3225L-8T28GD26-P		28	32	25	21,5	145	50	7	G1/8"	

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

Assembly parts

	s [mm] b [mm]	3–6 16–25	8 25
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm	M08X020 ISO4762 12.9 (SW 6) 10 Nm
	G 1/8" threaded plug	FS2258 (SW 2)	FS2258 (SW 2)
	Allen key	FS1464 (T20IP)	ISO2936-6 (SW 6)

Accessories

	s [mm] b [mm]	3–6 16–25	8 25
	Torque screwdriver, analogue	FS2003	
	Torque T-handle		FS2041
	Torque screwdriver, digital	FS2248	
	Interchangeable blade	FS2015 (T20IP)	SD2000-6.0 SW (SW 6)

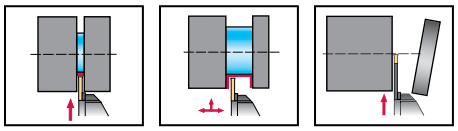
A2

Shank tool – Radial grooving

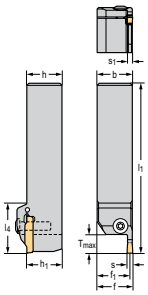
G5011 inch

Groov·tec® GD

– Screw clamping



Tool

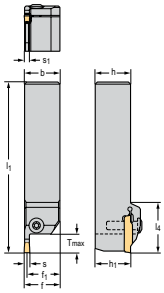


Square shank

Designation	s inch	T_{max} inch	h = h_1 inch	b inch	f_1 inch	l_1 inch	l_4 inch	s_1 inch	Type
G5011.10R-3T12GD26	0,118	0,472	0,625	0,625	0,578	5,315	1,378	0,094	GD26-3 ..
G5011.12R-3T12GD26		0,472	0,750	0,750	0,703	5,709	1,378	0,094	
G5011.16R-3T12GD26		0,472	1,000	1,000	0,953	5,709	1,378	0,094	
G5011.10R-4T12GD26	0,157	0,472	0,625	0,625	0,558	5,315	1,378	0,134	GD26-4 ..
G5011.12R-4T12GD26		0,472	0,750	0,750	0,683	5,709	1,378	0,134	
G5011.12R-4T21GD26		0,827	0,750	0,750	0,683	5,906	1,575	0,134	
G5011.16R-4T12GD26		0,472	1,000	1,000	0,933	5,709	1,378	0,134	
G5011.16R-4T21GD26		0,827	1,000	1,000	0,933	5,906	1,575	0,134	
G5011.20R-4T21GD26		0,827	1,250	1,250	1,183	5,906	1,575	0,134	
G5011.12R-5T12GD26	0,197	0,472	0,750	0,750	0,667	5,709	1,378	0,165	GD26-5 ..
G5011.12R-5T21GD26		0,827	0,750	0,750	0,667	5,906	1,575	0,165	
G5011.16R-5T12GD26		0,472	1,000	1,000	0,917	5,709	1,378	0,165	
G5011.16R-5T21GD26		0,827	1,000	1,000	0,917	5,906	1,575	0,165	
G5011.16R-5T33GD26		1,299	1,000	1,000	0,917	5,906	2,165	0,165	
G5011.20R-5T26GD26		1,024	1,250	1,250	1,167	5,906	1,772	0,165	
G5011.12R-6T12GD26	0,236	0,472	0,750	0,750	0,648	5,709	1,378	0,205	GD26-6 ..
G5011.12R-6T21GD26		0,827	0,750	0,750	0,648	5,906	1,575	0,205	
G5011.16R-6T12GD26		0,472	1,000	1,000	0,898	5,709	1,378	0,205	
G5011.16R-6T21GD26		0,827	1,000	1,000	0,898	5,906	1,575	0,205	
G5011.16R-6T33GD26		1,299	1,000	1,000	0,898	5,906	2,165	0,205	
G5011.20R-6T21GD26		0,827	1,250	1,250	1,148	5,906	1,575	0,205	
G5011.20R-6T33GD26		1,299	1,250	1,250	1,148	5,906	2,165	0,205	
★ G5011.16R-8T28GD26	0,315	1,102	1,000	1,000	0,862	5,906	2,165	0,276	GD26-8 ..
★ G5011.20R-8T38GD26		1,496	1,250	1,250	1,11	6,890	2,795	0,276	
★ G5011.24R-8T38GD26		1,496	1,500	1,500	0,969	6,890	2,795	0,276	
G5011.10L-3T12GD26	0,118	0,472	0,625	0,625	0,578	5,315	1,378	0,094	GD26-3 ..
G5011.12L-3T12GD26		0,472	0,750	0,750	0,703	5,709	1,378	0,094	
G5011.16L-3T12GD26		0,472	1,000	1,000	0,953	5,709	1,378	0,094	
G5011.20L-3T21GD26		0,827	1,250	1,250	1,203	5,906	1,575	0,094	
G5011.10L-4T12GD26	0,157	0,472	0,625	0,625	0,558	5,315	1,378	0,134	GD26-4 ..
G5011.12L-4T12GD26		0,472	0,750	0,750	0,683	5,709	1,378	0,134	
G5011.12L-4T21GD26		0,827	0,750	0,750	0,683	5,906	1,575	0,134	
G5011.16L-4T12GD26		0,472	1,000	1,000	0,933	5,709	1,378	0,134	
G5011.16L-4T21GD26		0,827	1,000	1,000	0,933	5,906	1,575	0,134	
G5011.12L-5T21GD26	0,197	0,827	0,750	0,750	0,667	5,906	1,575	0,165	GD26-5 ..
G5011.16L-5T21GD26		0,827	1,000	1,000	0,917	5,906	1,575	0,165	

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

Tool

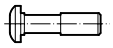


Square shank

Designation	s inch	T_{max} inch	h = h_1 inch	b inch	f_1 inch	l_1 inch	l_4 inch	s_1 inch	Type
G5011.16L-5T33GD26	0,197	1,299	1,000	1,000	0,917	5,906	2,165	0,165	GD26-5 ..
G5011.12L-6T21GD26	0,236	0,827	0,750	0,750	0,648	5,906	1,575	0,205	GD26-6 ..
G5011.16L-6T12GD26		0,472	1,000	1,000	0,898	5,709	1,378	0,205	
G5011.16L-6T21GD26		0,827	1,000	1,000	0,898	5,906	1,575	0,205	
G5011.16L-6T33GD26		1,299	1,000	1,000	0,898	5,906	2,165	0,205	
G5011.20L-6T21GD26		0,827	1,250	1,250	1,148	5,906	1,575	0,205	
G5011.20L-6T33GD26		1,299	1,250	1,250	1,148	5,906	2,165	0,205	
★ G5011.16L-8T28GD26	0,315	1,102	1,000	1,000	0,862	5,906	2,165	0,276	GD26-8 ..
★ G5011.20L-8T38GD26		1,496	1,250	1,250	1,11	6,890	2,795	0,276	
★ G5011.24L-8T38GD26		1,496	1,500	1,500	1,362	6,890	2,795	0,276	

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

Assembly parts

	s [inch]	0,118–0,236	0,315
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 3,688 lbs	M08X020 ISO4762 12.9 (SW 6) 7,376 lbs
	Allen key	FS1464 (T20IP)	ISO2936-6 (SW 6)

Accessories

	s [inch]	0,118–0,236	0,315
	Torque screwdriver, analogue	FS2004	
	Torque T-handle		FS2041
	Torque screwdriver, digital	FS2248	
	Interchangeable blade	FS2015 (T20IP)	SD2000-6.0 SW (SW 6)

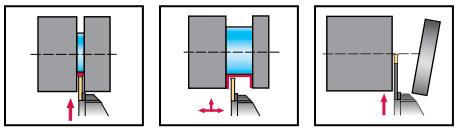
A2

Shank tool – Radial grooving

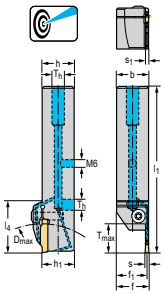
G5011...-P inch

Groov·tec® GD

– Screw clamping
– Precision cooling



Tool

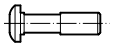


Square shank

Designation	s inch	T_{max} inch	D_{max} inch	h = h_1 inch	b inch	f_1 inch	l_1 inch	l_4 inch	s_1 inch	T_h	Type
G5011.12R-3T21GD26-P	0,118	0,827	4,724	0,750	0,750	0,703	5,118	1,575	0,094	G1/8"	GD26-3 ..
★ G5011.12R-3T26GD26-P		1,024	4,724	0,750	0,750	0,602	5,315	1,772	0,094	G1/8"	
G5011.16R-3T21GD26-P		0,827	4,724	1,000	1,000	0,953	5,118	1,575	0,094	G1/8"	
G5011.16R-3T26GD26-P		1,024	4,724	1,000	1,000	0,953	5,315	1,772	0,094	G1/8"	
★ G5011.12R-4T26GD26-P	0,157	1,024	4,724	0,750	0,750	0,685	5,315	1,772	0,134	G1/8"	GD26-4 ..
G5011.16R-4T26GD26-P		1,024	4,724	1,000	1,000	0,933	5,315	1,772	0,134	G1/8"	
G5011.16R-4T33GD26-P		1,299	4,724	1,000	1,000	0,933	5,709	2,165	0,134	G1/8"	
G5011.12L-3T21GD26-P	0,118	0,827	4,724	0,750	0,750	0,703	5,118	1,575	0,094	G1/8"	GD26-3 ..
★ G5011.12L-3T26GD26-P		1,024	4,724	0,750	0,750	6,154	5,315	1,772	0,094	G1/8"	
G5011.16L-3T21GD26-P		0,827	4,724	1,000	1,000	0,953	5,118	1,575	0,094	G1/8"	
G5011.16L-3T26GD26-P		1,024	4,724	1,000	1,000	0,953	5,315	1,772	0,094	G1/8"	
★ G5011.12L-4T26GD26-P	0,157	1,024	4,724	0,750	0,750	0,683	5,315	1,772	0,134	G1/8"	GD26-4 ..
G5011.16L-4T26GD26-P		1,024	4,724	1,000	1,000	0,933	5,315	1,772	0,134	G1/8"	

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

Assembly parts

	s [inch] b [inch]	0,118–0,157 0,75–1
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 3,688 lbs
	G 1/8" threaded plug	FS2258 (SW 2)
	Allen key	FS1464 (T20IP)

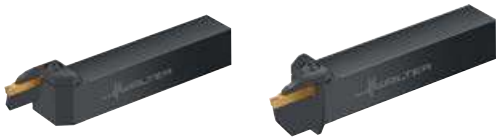
Accessories

	s [inch] b [inch]	0,118–0,157 0,75–1
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

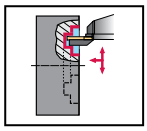
Shank tool – Axial grooving

G5111 mm

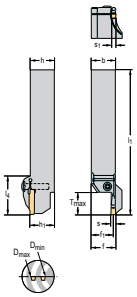
Groov·tec® GD



– Screw clamping



Tool



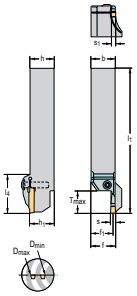
Square shank

Designation	s mm	T_{max} mm	D_{min} mm	D_{max} mm	h = h_1 mm	b mm	f_1 mm	l_1 mm	l_4 mm	s_1 mm	Type
G5111-2525R-3T12-034GD26	3	12	34	44	25	25	24	145	35	2,4	GD26-3 ..
G5111-2525R-3T12-042GD26		12	42	60	25	25	24	145	35	2,4	
G5111-2525R-3T12-054GD26		12	54	75	25	25	24	145	35	2,4	
G5111-2525R-3T12-067GD26		12	67	100	25	25	24	145	35	2,4	
G5111-2525R-3T12-090GD26		12	90	160	25	25	24	145	35	2,4	
G5111-2525R-3T12-130GD26		12	130	300	25	25	24	145	35	2,4	
G5111-2525R-3T21-054GD26		21	54	75	25	25	24	150	40	2,4	
G5111-2525R-3T21-067GD26		21	67	100	25	25	24	150	40	2,4	
G5111-2525R-3T21-090GD26		21	90	160	25	25	24	150	40	2,4	
G5111-2525R-3T21-130GD26		21	130	300	25	25	24	150	40	2,4	
G5111-2525R-4T12-040GD26	4	12	40	60	25	25	23,4	145	35,1	3,4	GD26-4 ..
G5111-2525R-4T12-052GD26		12	52	72	25	25	23,4	145	35,1	3,4	
G5111-2525R-4T12-064GD26		12	64	100	25	25	23,4	145	35,1	3,4	
G5111-2525R-4T12-092GD26		12	92	140	25	25	23,4	145	35,1	3,4	
G5111-2525R-4T12-132GD26		12	132	230	25	25	23,4	145	35,1	3,4	
G5111-2525R-4T12-220GD26		12	220	500	25	25	23,4	145	35,1	3,4	
G5111-2525R-4T21-040GD26		21	40	60	25	25	23,4	150	40,1	3,4	
G5111-2525R-4T21-052GD26		21	52	72	25	25	23,4	150	40,1	3,4	
G5111-2525R-4T25-064GD26		25	64	100	25	25	23,4	150	45,1	3,4	
G5111-2525R-4T25-092GD26		25	92	140	25	25	23,4	150	45,1	3,4	
G5111-2525R-4T25-132GD26		25	132	230	25	25	23,4	150	45,1	3,4	
G5111-2525R-4T25-220GD26		25	220	500	25	25	23,4	150	45,1	3,4	
G5111-2525R-5T12-040GD26	5	12	40	70	25	25	23,1	145	35	4,2	GD26-5 ..
G5111-2525R-5T12-060GD26		12	60	95	25	25	23,1	145	35	4,2	
G5111-2525R-5T12-085GD26		12	85	130	25	25	23,1	145	35	4,2	
G5111-2525R-5T12-120GD26		12	120	180	25	25	23,2	145	35	4,2	
G5111-2525R-5T12-175GD26		12	175	500	25	25	23	145	35	4,2	
G5111-2525R-5T21-040GD26		21	40	70	25	25	23,1	150	40	4,2	
G5111-2525R-5T21-060GD26		21	60	95	25	25	23,1	150	40	4,2	
G5111-2525R-5T25-085GD26		25	85	130	25	25	23,1	150	45	4,2	
G5111-2525R-5T25-120GD26		25	120	180	25	25	23,2	150	45	4,2	
G5111-2525R-5T25-175GD26		25	175	500	25	25	23	150	45	4,2	
G5111-2525R-6T12-040GD26	6	12	40	70	25	25	22,6	145	35	5,2	GD26-6 ..
G5111-2525R-6T12-058GD26		12	58	100	25	25	22,6	145	35	5,2	
G5111-2525R-6T12-088GD26		12	88	180	25	25	22,6	145	35	5,2	
G5111-2525R-6T12-168GD26		12	168	400	25	25	22,5	145	35	5,2	
G5111-2525R-6T21-040GD26		21	40	70	25	25	22,6	150	40	5,2	
G5111-2525R-6T25-058GD26		25	58	100	25	25	22,6	150	45	5,2	

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

A2

Tool

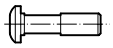


Square shank

Designation	s mm	T_{max} mm	D_{min} mm	D_{max} mm	h = h_1 mm	b mm	f_1 mm	l_1 mm	l_4 mm	s_1 mm	Type
G5111-2525R-6T25-088GD26	6	25	88	180	25	25	22,6	150	45	5,2	GD26-6 ..
G5111-2525R-6T25-168GD26		25	168	400	25	25	22,5	150	45	5,2	
★ G5111-2525R-8T28-050GD26	8	28	50	80	25	25	21,8	160	50,1	7	GD26-8 ..
★ G5111-2525R-8T28-075GD26		28	75	150	25	25	21,8	160	50,1	7	
★ G5111-2525R-8T28-140GD26		28	140	400	25	25	21,6	160	50,1	7	
G5111-2525L-3T12-034GD26	3	12	34	44	25	25	24	145	35	2,4	GD26-3 ..
G5111-2525L-3T12-042GD26		12	42	60	25	25	24	145	35	2,4	
G5111-2525L-3T12-054GD26		12	54	75	25	25	24	145	35	2,4	
G5111-2525L-3T12-067GD26		12	67	100	25	25	24	145	35	2,4	
G5111-2525L-3T12-090GD26		12	90	160	25	25	24	145	35	2,4	
G5111-2525L-3T12-130GD26		12	130	300	25	25	24	145	35	2,4	
G5111-2525L-3T21-054GD26		21	54	75	25	25	24	150	40	2,4	
G5111-2525L-3T21-067GD26		21	67	100	25	25	24	150	40	2,4	
G5111-2525L-3T21-090GD26		21	90	160	25	25	24	150	40	2,4	
G5111-2525L-3T21-130GD26		21	130	300	25	25	24	150	40	2,4	
G5111-2525L-4T12-040GD26	4	12	40	60	25	25	23,4	145	35,1	3,4	GD26-4 ..
G5111-2525L-4T12-052GD26		12	52	72	25	25	23,4	145	35,1	3,4	
G5111-2525L-4T12-064GD26		12	64	100	25	25	23,4	145	35,1	3,4	
G5111-2525L-4T12-092GD26		12	92	140	25	25	23,4	145	35,1	3,4	
G5111-2525L-4T12-132GD26		12	132	230	25	25	23,4	145	35,1	3,4	
G5111-2525L-4T12-220GD26		12	220	500	25	25	23,4	145	35,1	3,4	
G5111-2525L-4T21-040GD26		21	40	60	25	25	23,4	150	40,1	3,4	
G5111-2525L-4T21-052GD26		21	52	72	25	25	23,4	150	40,1	3,4	
G5111-2525L-4T25-064GD26		25	64	100	25	25	23,4	150	45,1	3,4	
G5111-2525L-4T25-092GD26		25	92	140	25	25	23,4	150	45,1	3,4	
G5111-2525L-4T25-132GD26		25	132	230	25	25	23,4	150	45,1	3,4	
G5111-2525L-4T25-220GD26		25	220	500	25	25	23,4	150	45,1	3,4	
G5111-2525L-5T12-040GD26	5	12	40	70	25	25	23,1	145	35	4,2	GD26-5 ..
G5111-2525L-5T12-060GD26		12	60	95	25	25	23,1	145	35	4,2	
G5111-2525L-5T12-085GD26		12	85	130	25	25	23,1	145	35	4,2	
G5111-2525L-5T12-120GD26		12	120	180	25	25	23,2	145	35	4,2	
G5111-2525L-5T12-175GD26		12	175	500	25	25	23	145	35	4,2	
G5111-2525L-5T21-040GD26		21	40	70	25	25	23,1	150	40	4,2	
G5111-2525L-5T21-060GD26		21	60	95	25	25	23,1	150	40	4,2	
G5111-2525L-5T25-085GD26		25	85	130	25	25	23,1	150	45	4,2	
G5111-2525L-5T25-120GD26		25	120	180	25	25	23,2	150	45	4,2	
G5111-2525L-5T25-175GD26		25	175	500	25	25	23	150	45	4,2	
G5111-2525L-6T12-040GD26	6	12	40	70	25	25	22,6	145	35	5,2	GD26-6 ..
G5111-2525L-6T12-058GD26		12	58	100	25	25	22,6	145	35	5,2	
G5111-2525L-6T12-088GD26		12	88	180	25	25	22,6	145	35	5,2	
G5111-2525L-6T12-168GD26		12	168	400	25	25	22,5	145	35	5,2	
G5111-2525L-6T21-040GD26		21	40	70	25	25	22,6	150	40	5,2	
G5111-2525L-6T25-058GD26		25	58	100	25	25	22,6	150	45	5,2	
G5111-2525L-6T25-088GD26		25	88	180	25	25	22,6	150	45	5,2	
G5111-2525L-6T25-168GD26		25	168	400	25	25	22,5	150	45	5,2	
★ G5111-2525L-8T28-050GD26	8	28	50	80	25	25	21,8	160	50,1	7	GD26-8 ..
★ G5111-2525L-8T28-075GD26		28	75	150	25	25	21,8	160	50,1	7	
★ G5111-2525L-8T28-140GD26		28	140	400	25	25	21,6	160	50,1	7	

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

Assembly parts

	s [mm]	3–6	8
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm	M08X020 ISO4762 12.9 (SW 6) 10 Nm
	Allen key	FS1464 (T20IP)	ISO2936-6 (SW 6)

Accessories

	s [mm]	3–6	8
	Torque screwdriver, analogue	FS2003	
	Torque screwdriver, digital	FS2248	
	Torque T-handle		FS2041
	Interchangeable blade	FS2015 (T20IP)	SD2000-6.0 SW (SW 6)

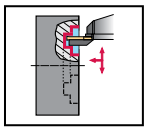
A2

Shank tool – Axial grooving

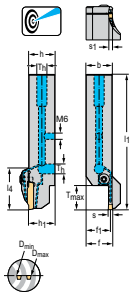
G5111...-P mm

Groov·tec® GD

– Screw clamping
– Precision cooling



Tool

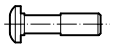


Square shank

Designation	s mm	T_{max} mm	D_{min} mm	D_{max} mm	$h = h_1$ mm	b mm	f_1 mm	l_1 mm	l_4 mm	s_1 mm	T_h	Type
★ G5111-2525R3T21-054GD26P	3	21	54	75	25	25	24	130	40,1	2,4	G1/8"	GD26-3 ..
★ G5111-2525R3T21-067GD26P		21	67	100	25	25	24	130	40,1	2,4	G1/8"	
★ G5111-2525R3T21-090GD26P		21	90	160	25	25	24	130	40,1	2,4	G1/8"	
★ G5111-2525R3T21-130GD26P		21	130	300	25	25	24	130	40,1	2,4	G1/8"	
★ G5111-2525R4T21-040GD26P	4	21	40	60	25	25	23,4	130	40,1	3,4	G1/8"	GD26-4 ..
★ G5111-2525R4T21-052GD26P		21	52	72	25	25	23,4	130	40,1	3,4	G1/8"	
★ G5111-2525R4T25-064GD26P		25	64	100	25	25	23,4	135	45,1	3,4	G1/8"	
★ G5111-2525R4T25-092GD26P		25	92	140	25	25	23,4	135	45,1	3,4	G1/8"	
★ G5111-2525R4T25-132GD26P		25	132	230	25	25	23,4	135	45,1	3,4	G1/8"	
★ G5111-2525R4T25-220GD26P		25	220	500	25	25	23,4	135	45,1	3,4	G1/8"	
★ G5111-2525R5T21-040GD26P	5	21	40	70	25	25	23,1	130	40,1	4,2	G1/8"	GD26-5 ..
★ G5111-2525R5T21-060GD26P		21	60	95	25	25	23,1	130	40,1	4,2	G1/8"	
★ G5111-2525R5T25-085GD26P		25	85	130	25	25	23,1	135	45,1	4,2	G1/8"	
★ G5111-2525R5T25-120GD26P		25	120	180	25	25	23,2	135	45,1	4,2	G1/8"	
★ G5111-2525R5T25-175GD26P		25	175	500	25	25	23	135	45,1	4,2	G1/8"	
★ G5111-2525R6T21-040GD26P	6	21	40	70	25	25	22,6	130	40,1	5,2	G1/8"	GD26-6 ..
★ G5111-2525R6T25-058GD26P		25	58	100	25	25	22,6	135	45,1	5,2	G1/8"	
★ G5111-2525R6T25-088GD26P		25	88	180	25	25	22,6	135	45,1	5,2	G1/8"	
★ G5111-2525R6T25-168GD26P		25	168	400	25	25	22,5	135	45,1	5,2	G1/8"	
★ G5111-2525L3T21-054GD26P	3	21	54	75	25	25	24	130	40,1	2,4	G1/8"	GD26-3 ..
★ G5111-2525L3T21-067GD26P		21	67	100	25	25	24	130	40,1	2,4	G1/8"	
★ G5111-2525L3T21-090GD26P		21	90	160	25	25	24	130	40,1	2,4	G1/8"	
★ G5111-2525L3T21-130GD26P		21	130	300	25	25	24	130	40,1	2,4	G1/8"	
★ G5111-2525L4T21-052GD26P	4	21	52	72	25	25	23,4	130	40,1	3,4	G1/8"	GD26-4 ..
★ G5111-2525L4T25-064GD26P		25	64	100	25	25	23,4	135	45,1	3,4	G1/8"	
★ G5111-2525L4T25-092GD26P		25	92	140	25	25	23,4	135	45,1	3,4	G1/8"	
★ G5111-2525L4T25-132GD26P		25	132	230	25	25	23,4	135	45,1	3,4	G1/8"	
★ G5111-2525L4T25-220GD26P		25	220	500	25	25	23,4	135	45,1	3,4	G1/8"	
★ G5111-2525L5T25-085GD26P	5	25	85	130	25	25	23,1	135	45,1	4,2	G1/8"	GD26-5 ..
★ G5111-2525L5T25-175GD26P		25	175	500	25	25	23	135	45,1	4,2	G1/8"	
★ G5111-2525L6T25-058GD26P	6	25	58	100	25	25	22,6	135	45,1	5,2	G1/8"	GD26-6 ..
★ G5111-2525L6T25-088GD26P		25	88	180	25	25	22,6	135	45,1	5,2	G1/8"	
★ G5111-2525L6T25-168GD26P		25	168	400	25	25	22,5	135	45,1	5,2	G1/8"	

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

Assembly parts

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

Accessories

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

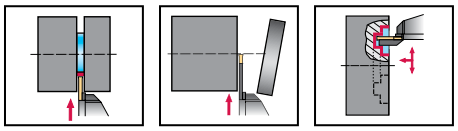
A2

Shank tool – 90° universal

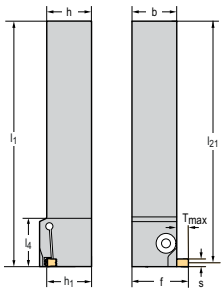
G5521 mm

Groov·tec® GD

– Screw clamping
– Different grooving widths fit in one tool



Tool

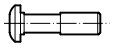


Square shank

Designation	s mm	T_{max} mm	h = h_1 mm	b mm	f_1 mm	l_1 mm	l_4 mm	Type
★ G5521-2020R-T8GD26	2.5 - 6	8	20	20	28,5	140	30	GD26- ..
★ G5521-2525R-T8GD26		8	25	25	33,5	140	30	
★ G5521-2020L-T8GD26	2.5 - 6	8	20	20	28,5	140	30	GD26- ..
★ G5521-2525L-T8GD26		8	25	25	33,5	140	30	

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | For information on the smallest possible axial groove [D_{min}], see „Technical information" | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [mm]	2.5 - 6
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	Allen key	FS1464 (T20IP)

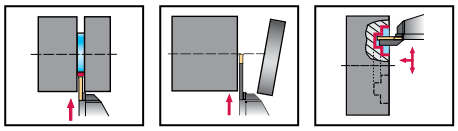
Accessories

	s [mm]	2.5 - 6
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

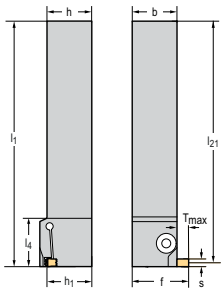
Shank tool – 90° universal

G5521 inch

– Screw clamping
– Different grooving widths fit in one tool



Tool

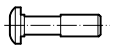


Square shank

Designation	s inch	T_{max} inch	h = h_1 inch	b inch	f_1 inch	l_1 inch	l_4 inch	Type
★ G5521.12R-T8GD26	0,098 - 0,236	0,315	0,750	0,750	1,085	5,512	1,181	GD26- ..
★ G5521.16R-T8GD26		0,315	1,000	1,000	1,335	5,512	1,181	
★ G5521.16L-T8GD26	0,098 - 0,236	0,315	1,000	1,000	1,335	5,512	1,181	GD26- ..

Dimensional drawing shows right-hand version. | $f = f_1 + s/2$ | For information on the smallest possible axial groove [D_{min}], see „Technical information" | Refer to the Walter online catalogue for more product information: www.walter-tools.com | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	s [inch]	0.098 - 0.236
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 3,688 lbs
	Allen key	FS1464 (T20IP)

Accessories

	s [inch]	0.098 - 0.236
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

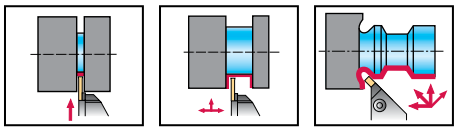
A2

Shank tool – 45° universal

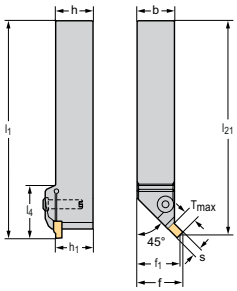
G5551 mm

Groov·tec® GD

– Screw clamping
– Different grooving widths fit in one tool



Tool

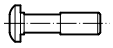


Square shank

Designation	s mm	T_{max} mm	h = h_1 mm	b mm	f_1 mm	l_4 mm	l_{21} mm	Type
★ G5551-2020R-T8GD26	2.5 - 6	8	20	20	17,5	36	137,5	GD26- ..
★ G5551-2525R-T8GD26		8	25	25	22,5	36	137,5	
★ G5551-2020L-T8GD26	2.5 - 6	8	20	20	17,5	36	137,5	GD26- ..
★ G5551-2525L-T8GD26		8	25	25	22,5	36	137,5	

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

Assembly parts

	s [mm]	2.5 - 6
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 5 Nm
	Allen key	FS1464 (T20IP)

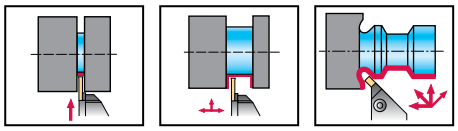
Accessories

	s [mm]	2.5 - 6
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

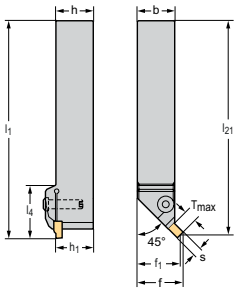
Shank tool – 45° universal

G5551 inch

– Screw clamping
– Different grooving widths fit in one tool



Tool

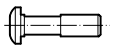


Square shank

Designation	s inch	T_{max} inch	$h = h_1$ inch	b inch	f_1 inch	l_4 inch	l_{21} inch	Type
★ G5551.16R-T8GD26	0,098 - 0,236	0,315	1,000	1,000	0,902	1,417	5,413	GD26- ..
★ G5551.16L-T8GD26	0,098 - 0,236	0,315	1,000	1,000	0,902	1,417	5,413	GD26- ..

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

Assembly parts

	s [inch]	0.098 - 0.236
	Clamping screw for grooving insert Tightening torque	FS2118 (T20IP) 3,688 lbs
	Allen key	FS1464 (T20IP)

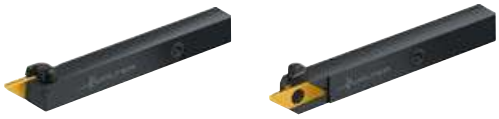
Accessories

	s [inch]	0.098 - 0.236
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)

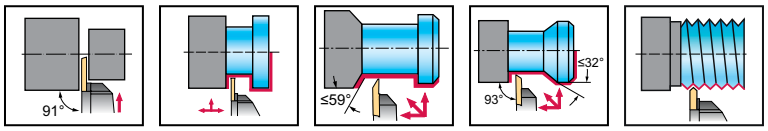
A2

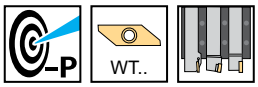
Shank tool – Radial grooving

W2011-P mm

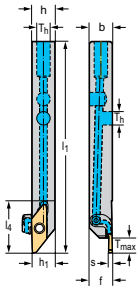


– Precision cooling
– For Swiss Machining





Tool



Square shank

Designation	s mm	T_{max} mm	h = h_1 mm	b mm	f mm	l_1 mm	l_4 mm	T_h	Type
★ W2011-1212R-WT26-P	0.5 - 3	7	12	12	12	110	27	M8X1	WT26..
★ W2011-1616R-WT26-P		7	16	16	16	110	27	G1/8“	
★ W2011-2020R-WT26-P		7	20	20	20	110	27	G1/8“	
★ W2011-1212L-WT26-P	0.5 - 3	7	12	12	12	110	27	M8X1	WT26..
★ W2011-1616L-WT26-P		7	16	16	16	110	27	G1/8“	
★ W2011-2020L-WT26-P		7	20	20	20	110	27	G1/8“	

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

Assembly parts

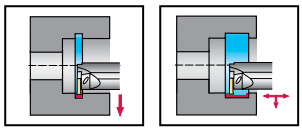
s [mm]	0.5 - 3
Clamping screw for grooving insert Tightening torque	FS2675 (8IP) 1,2 Nm
M8X1 threaded plug	FS2587 (SW 4)
G 1/8“ threaded plug	FS2258 (SW 2)
Coolant nozzle	CN1000-M3-1-R
M6 threaded plug	FS2288 (SW 3)
Allen key	FS2672 (T8IP)

Boring bar – Internal grooving

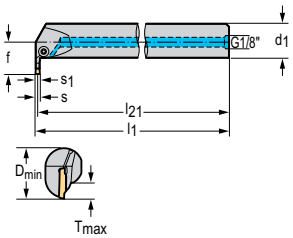
G5221 mm

Groov·tec® GD

– Screw clamping
– Reinforced design



Tool

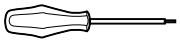


Cylindrical shank with flat

Designation	s mm	T_{max} mm	D_{min} mm	d_1 mm	f mm	l_{21} mm	l_1 mm	s_1 mm	Type
★ G5221-32SR-3T12-GD26	3	12	44	32	27,8	198,8	200	2,4	GD26-3 ..
★ G5221-40TR-3T12-GD26		12	52	40	31,8	248,8	250	2,4	
★ G5221-32SR-4T12-GD26	4	12	44	32	27,8	198,3	200	3,4	GD26-4 ..
★ G5221-40TR-4T12-GD26		12	52	40	31,8	248,3	250	3,4	
★ G5221-32SR-5T12-GD26	5	12	44	32	27,8	197,9	200	4,2	GD26-5 ..
★ G5221-40TR-5T12-GD26		12	52	40	31,8	247,9	250	4,2	
★ G5221-32SL-3T12-GD26	3	12	44	32	27,8	198,8	200	2,4	GD26-3 ..
★ G5221-40TL-3T12-GD26		12	52	40	31,8	248,8	250	2,4	
★ G5221-32SL-4T12-GD26	4	12	44	32	27,8	198,3	200	3,4	GD26-4 ..
★ G5221-40TL-4T12-GD26		12	52	40	31,8	248,3	250	3,4	
★ G5221-32SL-5T12-GD26	5	12	44	32	27,8	197,9	200	4,2	GD26-5 ..
★ G5221-40TL-5T12-GD26		12	52	40	31,8	247,9	250	4,2	

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

Assembly parts

	D_{min} [mm]	44–52
	Clamping screw for grooving insert Tightening torque	FS2089 (T25IP) 6 Nm
	Screwdriver	FS1487 (T25IP)

Accessories

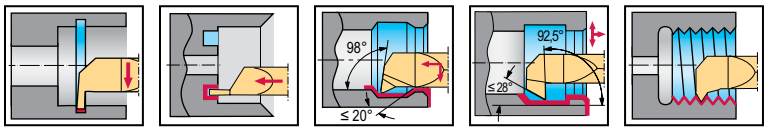
	D_{min} [mm]	44–52
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2016 (T25IP)

A2

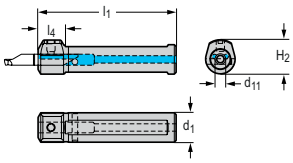
Adaptor - WB mini boring bar – Uni Line

W4280-A mm

– Screw clamping
– Internal cooling



Tool



Designation	d_{11} mm	d_1 mm	l_4 mm	l_1 mm	h_2 mm	kg	Type
★ W4280-A10-WB04	4	10	14	65	14,5	0,06	WB04...
★ W4280-A12-WB04	4	12	14	70	15,5	0,06	
★ W4280-A16-WB04	4	16	14	75	17,5	0,14	
★ W4280-A20-WB04	4	20	14	90	20	0,2	
★ W4280-A22-WB04	4	22	14	110	22	0,33	
★ W4280-A25-WB04	4	25	14	110	25	0,4	
★ W4280-A10-WB05	5	10	14	65	15	0,06	WB05...
★ W4280-A12-WB05	5	12	14	70	16	0,08	
★ W4280-A16-WB05	5	16	14	75	18	0,11	
★ W4280-A20-WB05	5	20	14	90	20	0,2	
★ W4280-A22-WB05	5	22	14	110	22	0,32	
★ W4280-A25-WB05	5	25	14	110	25	0,41	
★ W4280-A12-WB06	6	12	14	70	16,5	0,06	WB06...
★ W4280-A16-WB06	6	16	14	75	18,5	0,12	
★ W4280-A20-WB06	6	20	14	90	22	0,2	
★ W4280-A22-WB06	6	22	14	110	22	0,33	
★ W4280-A25-WB06	6	25	14	110	25	0,39	
★ W4280-A16-WB07	7	16	14	75	19	0,11	WB07...
★ W4280-A20-WB07	7	20	14	90	22	0,22	
★ W4280-A22-WB07	7	22	14	110	22	0,32	
★ W4280-A25-WB07	7	25	14	110	25	0,41	
★ W4280-A16-WB08	8	16	14	75	19,5	0,13	WB08...
★ W4280-A20-WB08	8	20	14	90	25	0,23	
★ W4280-A25-WB08	8	25	14	110	25	0,41	
★ W4280-A20-WB10	10	20	14	90	25	0,22	WB10...
★ W4280-A25-WB10	10	25	14	110	25	0,4	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

d_1 [mm]	10–25
Screw	FS2708 (T15IP)

Accessories

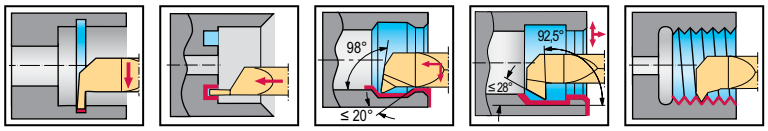
d_1 [mm]	10–25
Torx key	FS1465 (T15IP)

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

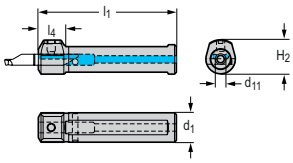
Adaptor - WB mini boring bar – Uni Line

W4280-A inch

– Screw clamping
– Internal cooling



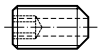
Tool



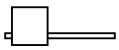
Designation	d_{11} inch	d_1 inch	l_4 inch	l_1 inch	h_2 inch	lbs	Type
★ W4280.A0500-WB04	0,157	0,500	0,551	2,756	0,61	0,203	WB04...
★ W4280.A0625-WB04	0,157	0,625	0,551	2,953	0,689	0,300	
★ W4280.A0750-WB04	0,157	0,750	0,551	4,331	0,787	0,511	
★ W4280.A1000-WB04	0,157	1,000	0,591	4,331	1,000	0,95	
★ W4280.A0500-WB05	0,197	0,500	0,551	2,756	0,630	2,006	WB05...
★ W4280.A0625-WB05	0,197	0,625	0,551	2,953	0,709	0,291	
★ W4280.A0750-WB05	0,197	0,750	0,551	4,331	0,787	0,545	
★ W4280.A1000-WB05	0,197	1,000	0,591	4,331	1,000	0,946	
★ W4280.A0500-WB06	0,236	0,500	0,551	2,756	0,650	0,192	WB06...
★ W4280.A0625-WB06	0,236	0,625	0,551	2,953	0,728	0,289	
★ W4280.A0750-WB06	0,236	0,750	0,551	4,331	0,866	0,507	
★ W4280.A1000-WB06	0,236	1,000	0,591	4,331	1,000	0,884	
★ W4280.A0625-WB07	0,276	0,625	0,551	2,953	0,748	0,287	WB07...
★ W4280.A0750-WB07	0,276	0,750	0,551	4,331	0,866	0,538	
★ W4280.A1000-WB07	0,276	1,000	0,591	4,331	1,000	0,944	
★ W4280.A0750-WB08	0,315	0,750	0,551	4,331	0,945	0,553	WB08...
★ W4280.A1000-WB08	0,315	1,000	0,591	4,331	1,000	0,908	
★ W4280.A0750-WB10	0,394	0,750	0,551	4,331	0,945	0,538	WB10...
★ W4280.A1000-WB10	0,394	1,000	0,591	4,331	1,000	0,904	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	d_1 [inch]	0,5–1
	Screw	FS2708 (T15IP)

Accessories

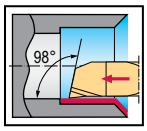
	d_1 [inch]	0,5–1
	Torx key	FS1465 (T15IP)

A2

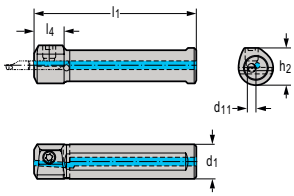
Adaptor - WB mini boring bar – Eccentric Line

W4282-A mm

– First choice for WB..-T..E
– Internal cooling



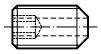
Tool



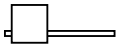
Designation	d_{11} mm	d_1 mm	h_2 mm	l_4 mm	l_1 mm	kg	Type
★ W4282-A12R-WB04	4	12	15,3	14	70	0,11	WB04...
★ W4282-A16R-WB04	4	16	17,2	14	75	0,11	
★ W4282-A20R-WB04	4	20	22	14	90	0,21	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	d_1 [mm]	12–20
	Screw	FS2708 (T15IP)

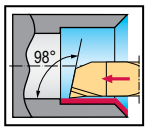
Accessories

	d_1 [mm]	12–20
	Torx key	FS1465 (T15IP)

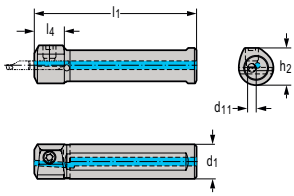
Adaptor - WB mini boring bar – Eccentric Line

W4282-A inch

– First choice for WB..-T..E
– Internal cooling



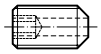
Tool



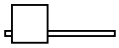
Designation	d_{11} inch	d_1 inch	h_2 inch	l_4 inch	l_1 inch	lbs	Type
★ W4282.A0500R-WB04	0,157	0,500	0,614	0,551	2,756	0,134	WB04...
★ W4282.A0750R-WB04	0,157	0,750	0,827	0,551	4,331	0,496	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	d_1 [inch]	0,5–0,75
	Screw	FS2708 (T15IP)

Accessories

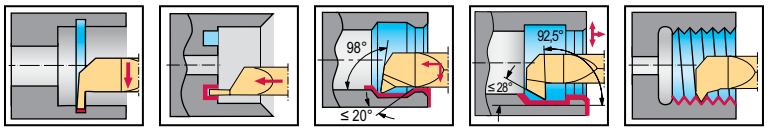
	d_1 [inch]	0,5–0,75
	Torx key	FS1465 (T15IP)

A2

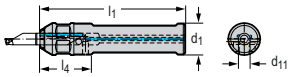
Adaptor - WB mini boring bar – Collet Line

W4291-A mm

– Collet clamping
– Adjustable coolant supply



Tool



Designation	d_{11} mm	d_1 mm	l_4 mm	l_1 mm	kg	Type
★ W4291-A12-WB04	4	12	22	70	0,08	WB04...
★ W4291-A16-WB04	4	16	22	75	0,12	
★ W4291-A20-WB04	4	20	22	90	0,21	
★ W4291-A25-WB04	4	25	24	110	0,37	
★ W4291-A16-WB05	5	16	23	75	0,12	WB05...
★ W4291-A20-WB05	5	20	26	90	0,2	
★ W4291-A25-WB05	5	25	25	110	0,37	
★ W4291-A16-WB06	6	16	26,5	75	0,1	WB06...
★ W4291-A20-WB06	6	20	26,5	90	0,2	
★ W4291-A25-WB06	6	25	26,5	110	0,36	
★ W4291-A16-WB07	7	16	26,5	75	0,12	WB07...
★ W4291-A20-WB07	7	20	26,5	90	0,19	
★ W4291-A25-WB07	7	25	26	110	0,36	
★ W4291-A16-WB08	8	16	19	75	0,11	WB08...
★ W4291-A20-WB08	8	20	29	90	0,2	
★ W4291-A25-WB08	8	25	29	110	0,37	
★ W4291-A20-WB10	10	20	29	90	0,19	WB10...
★ W4291-A25-WB10	10	25	29	10	0,36	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

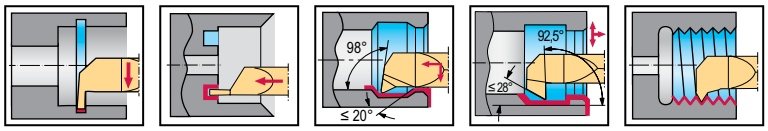
Type d_1 [mm]	WB04...–WB05... 12–25	WB06...–WB07... 16–25	WB08...–WB10... 16–25
Union nut	FS2709 (SW13)	FS2710 (SW15)	FS2711 (SW17)
Torx key	FS2146 (T6IP)	FS2146 (T6IP)	FS2146 (T6IP)
Screw	FS2734 (T06IP)	FS2734 (T06IP)	FS2734 (T06IP)

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

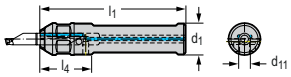
Adaptor - WB mini boring bar – Collet Line

W4291-A inch

– Collet clamping
– Adjustable coolant supply



Tool



Designation	d_{11} inch	d_1 inch	l_4 inch	l_1 inch	lbs	Type
★ W4291.A0500-WB04	0,157	0,500	0,866	2,756	0,192	WB04...
★ W4291.A0625-WB04	0,157	0,625	0,866	2,953	0,269	
★ W4291.A0750-WB04	0,157	0,750	0,866	4,331	0,525	
★ W4291.A1000-WB04	0,157	1,000	0,945	4,331	0,838	
★ W4291.A0750-WB05	0,197	0,750	1,024	4,331	0,509	WB05...
★ W4291.A1000-WB05	0,197	1,000	0,984	4,331	0,829	
★ W4291.A0625-WB06	0,236	0,625	1,043	2,953	0,269	WB06...
★ W4291.A0750-WB06	0,236	0,750	1,043	4,331	0,511	
★ W4291.A1000-WB06	0,236	1,000	1,043	4,331	0,825	
★ W4291.A0750-WB07	0,276	0,750	1,043	4,331	0,507	WB07...
★ W4291.A1000-WB07	0,276	1,000	1,024	4,331	0,82	
★ W4291.A1000-WB08	0,315	1,000	1,142	4,331	0,809	WB08...
★ W4291.A1000-WB10	0,394	1,000	1,142	4,331	0,822	WB10...

Bodies and assembly parts are included in the scope of delivery

Assembly parts

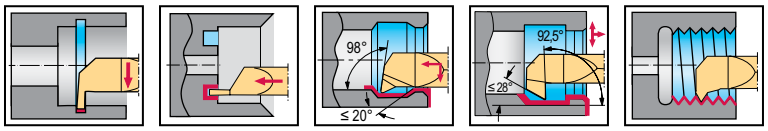
Type d_1 [inch]	WB04...–WB05... 0,5–1	WB06...–WB07... 0,625–1	WB08...–WB10... 1
Union nut	FS2709 (SW13)	FS2710 (SW15)	FS2711 (SW17)
Torx key	FS2146 (T6IP)	FS2146 (T6IP)	FS2146 (T6IP)
Screw	FS2734 (T06IP)	FS2734 (T06IP)	FS2734 (T06IP)

A2

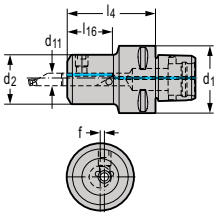
Walter Capto™ Adaptor - WB mini boring bar

W4280-C mm

– Screw clamping
– Internal cooling



Tool



Walter Capto™ in acc. with ISO 26623

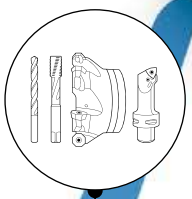
Designation	d_{11} mm	d_1	d_2 mm	f_1 mm	l_4 mm	l_{16} mm	kg	Type
★ W4280-C3-42-WB04	4	C3	21	1	22	42	0,22	WB04...
★ W4280-C4-47-WB04	4	C4	21	1	22	47	0,37	
★ W4280-C3-42-WB05	5	C3	22	1	22	42	0,24	WB05...
★ W4280-C4-47-WB05	5	C4	22	1	22	47	0,37	
★ W4280-C3-42-WB06	6	C3	23,5	2	22	42	0,24	WB06...
★ W4280-C4-47-WB06	6	C4	23,5	2	22	47	0,38	
★ W4280-C4-47-WB07	7	C4	25	2,9	22	47	0,39	WB07...

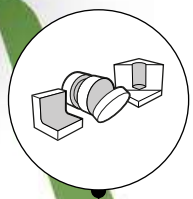
Bodies and assembly parts are included in the scope of delivery

How to use Walter GPS

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

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





A SEARCH PRODUCT-RELATED

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

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

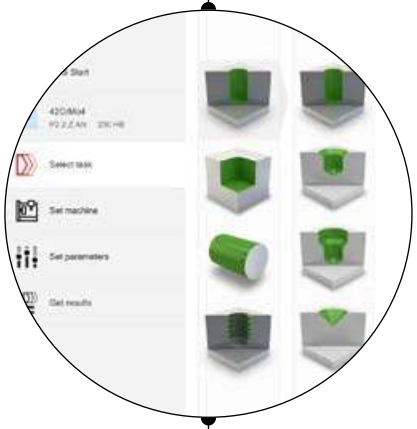
B SEARCH APPLICATION-RELATED

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

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

Select **material** and …

… **application**



Enter specific **tool**

Select **material** and …

… **application**

HOW WALTER GPS BENEFITS YOU

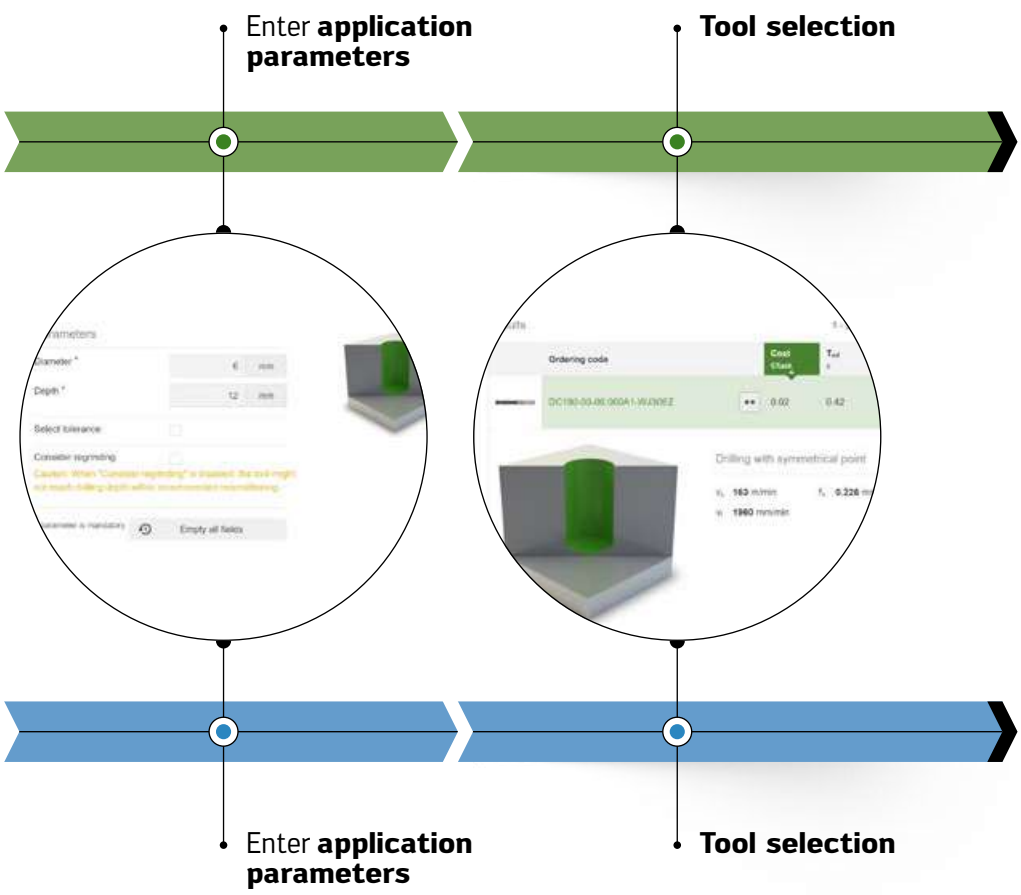
- **Find the right tool solution for your machining task –** quickly and based on your machining objective (e.g. maximum cost-efficiency).
- **Get reliable cutting data for your tool –** calculated according to your specifications: For your tool, your application and your material.
- **Ideal for calculating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

Launch Walter GPS now

Your navigation system for the best machining solution

www.walter-tools.com/gps

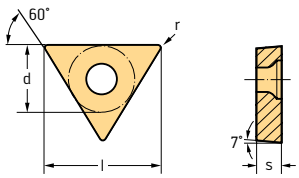
RESULT



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

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

Turning Insert – Positive triangular 60°
TCMT
Tiger·tec® Gold



Indexable inserts

B1

	Designation	r mm	l mm	P HC		M HC						S HC			
				WMP20G	WMP30G	WSM10S	WMP20G	WSM20S	WSM21	WMP30G	WSM30S	WSM10S	WSM20S	WSM21	WSM30S
	TCMT06T102-FM4	0,2	6,87						😐					😐	
	TCMT06T104-FM4	0,4	6,87						😐					😐	
	TCMT090202-FM4	0,2	9,62			😊		😐				😊	😐		
	TCMT090204-FM4	0,4	9,62	🙁		😊	😐	😐				😊	😐		
	TCMT090208-FM4	0,8	9,62					😐					😐		
	TCMT110202-FM4	0,2	11			😊		😐			🙁	😊	😐		🙁
	TCMT110204-FM4	0,4	11	🙁		😊	😐	😐			🙁	😊	😐		🙁
	TCMT110208-FM4	0,8	11			😊		😐				😊	😐		
	TCMT16T302-FM4	0,2	16,5					😐					😐		
	TCMT16T304-FM4	0,4	16,5	🙁		😊	😐	😐			🙁	😊	😐		🙁
	TCMT16T308-FM4	0,8	16,5	🙁		😊	😐	😐			🙁	😊	😐		🙁
	TCMT090204-MM4	0,4	9,62	🙁		😊	😐	😐				😊	😐		
	TCMT090208-MM4	0,8	9,62					😐					😐		
	TCMT110204-MM4	0,4	11	🙁			😐	😐					😐		
	TCMT110208-MM4	0,8	11					😐					😐		
	TCMT16T304-MM4	0,4	16,5	🙁			😐	😐					😐		
	TCMT16T308-MM4	0,8	16,5	🙁		😊	😐	😐				😊	😐		
	TCMT220408-MM4	0,8	22					😐					😐		
	TCMT090204-RM4	0,4	9,62					😐			🙁		😐		🙁
	TCMT090208-RM4	0,8	9,62					😐					😐		
	TCMT110204-RM4	0,4	11	🙁		😊	😐	😐			🙁	😊	😐		🙁
	TCMT110208-RM4	0,8	11	🙁			😐	😐			🙁		😐		🙁
	TCMT16T304-RM4	0,4	16,5	🙁		😊	😐	😐			🙁	😊	😐		🙁
	TCMT16T308-RM4	0,8	16,5	🙁	🙁	😊	😐	😐		🙁	🙁	😊	😐		🙁
	TCMT16T312-RM4	1,2	16,5					😐			🙁		😐		🙁

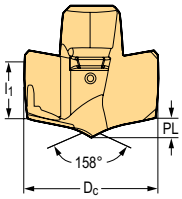
See the ISO 1832 designation key for dimensions
Ordering example for the grade WSM21: TCMT06T102-FM4 WSM21
Ordering example for the grade WSM21: TCMT06T104-FM4 WSM21
Ordering example for the grade WSM10S: TCMT090202-FM4 WSM10S
Ordering example for the grade WSM20S: TCMT090202-FM4 WSM20S
Ordering example for the grade WMP20G: TCMT090204-FM4 WMP20G

HC = Coated carbide

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

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

Exchangeable head
DS50



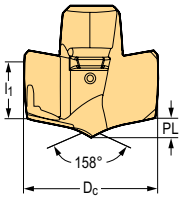
Designation	Number of cutting edges	D_c mm	PL mm	l_1 mm	P HC WMS35	P HC WPP35	M HC WMS35	M HC WPP35	K HC WMS35	K HC WPP35	N HC WMS35	N HC WPP35	S HC WMS35	S HC WPP35	H HC WMS35	H HC WPP35
DS50-09.00A-M	1	9	1,275	3,814	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-09.10A-M	1	9,1	1,283	3,806	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-09.20A-M	1	9,2	1,291	3,798	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-09.30A-M	1	9,3	1,299	3,79	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-09.40A-M	1	9,4	1,307	3,782	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-09.50B-M	1	9,5	1,344	4,034	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-09.52B-M	1	9,52	1,345	4,033	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-09.60B-M	1	9,6	1,352	4,026	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-09.70B-M	1	9,7	1,36	4,018	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-09.80B-M	1	9,8	1,368	4,01	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-09.90B-M	1	9,9	1,376	4,002	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-10.00C-M	1	10	1,413	4,243	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-10.10C-M	1	10,1	1,423	4,233	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-10.20C-M	1	10,2	1,431	4,225	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-10.30C-M	1	10,3	1,439	4,217	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-10.40C-M	1	10,4	1,447	4,209	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-10.50D-M	1	10,5	1,484	4,461	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-10.60D-M	1	10,6	1,492	4,453	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-10.70D-M	1	10,7	1,5	4,445	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-10.80D-M	1	10,8	1,508	4,437	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-10.90D-M	1	10,9	1,516	4,429	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-11.00E-M	1	11	1,554	4,671	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-11.10E-M	1	11,1	1,562	4,662	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-11.11E-M	1	11,11	1,562	4,662	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-11.20E-M	1	11,2	1,57	4,654	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-11.30E-M	1	11,3	1,578	4,646	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-11.40E-M	1	11,4	1,586	4,639	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-11.50F-M	1	11,5	1,623	4,88	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-11.60F-M	1	11,6	1,631	4,872	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-11.70F-M	1	11,7	1,639	4,864	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-11.80F-M	1	11,8	1,647	4,856	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-11.90F-M	1	11,9	1,655	4,848	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-12.00G-M	1	12	1,692	5,1	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-12.10G-M	1	12,1	1,7	5,092	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-12.20G-M	1	12,2	1,708	5,084	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-12.30G-M	1	12,3	1,716	5,076	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-12.40G-M	1	12,4	1,724	5,068	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-12.50H-M	1	12,5	1,761	5,31	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-12.60H-M	1	12,6	1,769	5,302	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-12.70H-M	1	12,7	1,777	5,294	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-12.80H-M	1	12,8	1,785	5,286	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-12.90H-M	1	12,9	1,793	5,278	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
DS50-13.00J-M	1	13	1,83	5,529	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐

Ordering example for the grade WMS35: DS50-09.00A-M WMS35

HC = Coated carbide

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

Exchangeable head
DS50



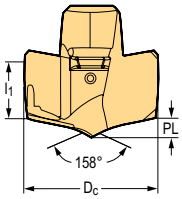
B1

	Designation	Number of cutting edges	D_c mm	PL mm	l_1 mm	P HC WMS35	P HC WPP35	M HC WMS35	M HC WPP35	K HC WMS35	K HC WPP35	N HC WMS35	N HC WPP35	S HC WMS35	S HC WPP35	H HC WMS35	H HC WPP35
	DS50-13.10J-M	1	13,1	1,838	5,521	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-13.20J-M	1	13,2	1,846	5,513	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-13.30J-M	1	13,3	1,854	5,505	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-13.40J-M	1	13,4	1,862	5,497	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-13.50K-M	1	13,5	1,899	5,739	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-13.60K-M	1	13,6	1,907	5,731	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-13.70K-M	1	13,7	1,915	5,723	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-13.80K-M	1	13,8	1,923	5,715	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-13.90K-M	1	13,9	1,931	5,708	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-14.00M-M	1	14	1,991	5,936	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-14.10M-M	1	14,1	2	5,928	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-14.20M-M	1	14,2	2,008	5,919	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-14.29M-M	1	14,29	2,015	5,912	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-14.30M-M	1	14,3	2,016	5,911	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-14.40M-M	1	14,4	2,024	5,903	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-14.50M-M	1	14,5	2,032	5,895	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-14.60M-M	1	14,6	2,041	5,887	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-14.70M-M	1	14,7	2,049	5,878	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-14.80M-M	1	14,8	2,057	5,87	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-14.90M-M	1	14,9	2,065	5,862	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-15.00N-M	1	15	2,13	6,355	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-15.10N-M	1	15,1	2,138	6,347	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-15.20N-M	1	15,2	2,147	6,338	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-15.30N-M	1	15,3	2,155	6,33	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-15.40N-M	1	15,4	2,163	6,322	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-15.50N-M	1	15,5	2,171	6,314	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-15.60N-M	1	15,6	2,179	6,306	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-15.70N-M	1	15,7	2,187	6,298	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-15.80N-M	1	15,8	2,195	6,29	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-15.88N-M	1	15,88	2,202	6,283	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-15.90N-M	1	15,9	2,203	6,282	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-16.00P-M	1	16	2,269	6,783	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-16.10P-M	1	16,1	2,277	6,775	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-16.13P-M	1	16,13	2,279	6,773	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-16.20P-M	1	16,2	2,285	6,767	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-16.30P-M	1	16,3	2,293	6,759	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-16.40P-M	1	16,4	2,301	6,751	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-16.50P-M	1	16,5	2,31	6,743	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-16.60P-M	1	16,6	2,318	6,735	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-16.70P-M	1	16,7	2,326	6,727	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-16.80P-M	1	16,8	2,334	6,719	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-16.90P-M	1	16,9	2,341	6,711	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	DS50-17.00R-M	1	17	2,407	7,213	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WMS35: DS50-09.00A-M WMS35

HC = Coated carbide

Exchangeable head
DS50



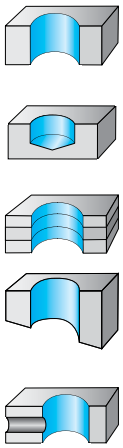
	Designation	Number of cutting edges	D_c mm	PL mm	l_1 mm	P HC WMS35	P HC WPP35	M HC WMS35	M HC WPP35	K HC WMS35	K HC WPP35	N HC WMS35	N HC WPP35	S HC WMS35	S HC WPP35	H HC WMS35	H HC WPP35
	DS50-17.10R-M	1	17,1	2,416	7,205	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	DS50-17.20R-M	1	17,2	2,424	7,196	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	DS50-17.30R-M	1	17,3	2,432	7,188	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	DS50-17.40R-M	1	17,4	2,44	7,18	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	DS50-17.46R-M	1	17,46	2,445	7,175	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	DS50-17.50R-M	1	17,5	2,448	7,172	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	DS50-17.60R-M	1	17,6	2,456	7,164	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	DS50-17.70R-M	1	17,7	2,464	7,156	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	DS50-17.80R-M	1	17,8	2,472	7,148	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	DS50-17.90R-M	1	17,9	2,48	7,14	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻

Ordering example for the grade WMS35: DS50-09.00A-M WMS35

HC = Coated carbide

B1

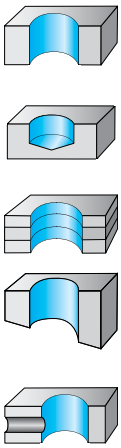
Exchangeable-head drills

Machining					
Drilling depth	3 x D_C	3 x D_C	5 x D_C	5 x D_C	8 x D_C
Designation	D5150	D5150	D5150	D5150	D5150
Effective cutting edges	2	2	2	2	2
Diameter range					
[mm]	9–9,99	10–17,99	9–9,99	10–17,99	9–9,99
[inch]	0,354–0,393	0,394–0,708	0,354–0,393	0,394–0,708	0,354–0,393
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			DS50 .		
Number of cutting edges	1	1	1	1	1
Page in catalogue	108	110	116	118	124
QR code					
www.walter-tools.com/woc/	D5150	D5150	D5150	D5150	D5150

WALTER SELECT

●● Primary application ● Other application

Exchangeable-head drills

Machining	
Drilling depth	8 x D_C

Designation	D5150
Effective cutting edges	2
Diameter range	
[mm]	10–17,99
[inch]	0,394–0,708
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	DS50 .
Number of cutting edges	1
Page in catalogue	126
QR code	
www.walter-tools.com/woc/	D5150

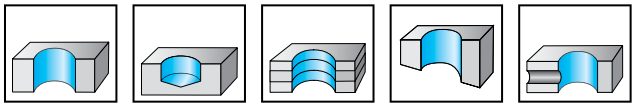
WALTER SELECT ●● Primary application ● Other application

Exchangeable-head drills

D5150 mm

B1

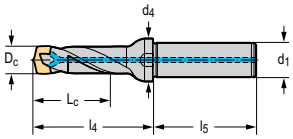
– Stable interface without assembly parts
– Universal M geometry for all ISO materials



3×D_c | 158° | Z=2

	P	M	K	N	S	H	O
D5150	●●	●●	●	●	●●	●	

Tool



Cylindrical shank with collar

Designation	$D_{c\,min}$ mm	$D_{c\,max}$ mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D5150-03-09.00A12-A	9	9,49	29,77	41,4	45	12	16	0,06	1	DS50-09...A-.
D5150-03-09.50A12-B	9,5	9,99	31,07	43,1	45	12	21	0,06	1	DS50-09...B-.

Bodies and assembly parts are included in the scope of delivery

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

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

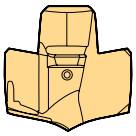
Assembly parts

	$D_{c\ min}$ [mm]	9–9,5
	Keys	SD9000-DS50-09-17.99

Accessories

	$D_{c\ min}$ [mm]	9–9,5
	Cover for key	SD9000-DS50-09-17.99-CV

Exchangeable head

	Designation	D_c mm	P HC WMS35	P HC WPP35	M HC WMS35	M HC WPP35	K HC WMS35	K HC WPP35	N HC WMS35	N HC WPP35	S HC WMS35	S HC WPP35	H HC WMS35	H HC WPP35
	DS50-..-M	9,0 - 9,9	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐

HC = Coated carbide

B1

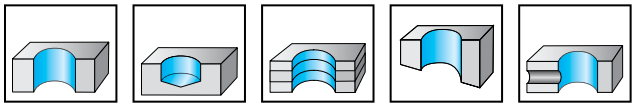
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = ☹

Exchangeable-head drills

D5150 mm

B1

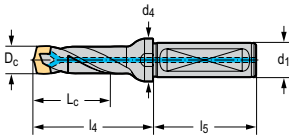
– Stable interface without assembly parts
– Universal M geometry for all ISO materials



3×D_c | 158° | Z=2

	P	M	K	N	S	H	O
D5150	●●	●●	●	●	●●	●	

Tool



Cylindrical shank with flat

Designation	$D_{c\,min}$ mm	$D_{c\,max}$ mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D5150-03-10.00F16-C	10	10,49	32,91	46,7	48	16	20	0,1	1	DS50-10...C-.
D5150-03-10.50F16-D	10,5	10,99	34,21	48,2	48	16	20	0,1	1	DS50-10...D-.
D5150-03-11.00F16-E	11	11,49	36,05	49,8	48	16	20	0,1	1	DS50-11...E-.
D5150-03-11.50F16-F	11,5	11,99	37,35	51,3	48	16	20	0,1	1	DS50-11...F-.
D5150-03-12.00F16-G	12	12,49	39,19	52,9	48	16	20	0,11	1	DS50-12...G-.
D5150-03-12.50F16-H	12,5	12,99	40,49	54,4	48	16	20	0,11	1	DS50-12...H-.
D5150-03-13.00F16-J	13	13,49	42,33	56	48	16	20	0,11	1	DS50-13...J-.
D5150-03-13.50F16-K	13,5	13,99	43,62	57,6	48	16	20	0,11	1	DS50-13...K-.
D5150-03-14.00F20-M	14	14,99	46,74	64,2	50	20	25	0,18	1	DS50-14...M-.
D5150-03-15.00F20-N	15	15,99	49,9	67,3	50	20	25	0,21	1	DS50-15...N-.
D5150-03-16.00F20-P	16	16,99	53,04	70,4	50	20	25	0,19	1	DS50-16...P-.
D5150-03-17.00F20-R	17	17,99	56,18	73,5	50	20	25	0,2	1	DS50-17...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 = ☹

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

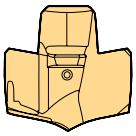
Assembly parts

	$D_{c\ min}$ [mm]	10–17
	Keys	SD9000-DS50-09-17.99

Accessories

	$D_{c\ min}$ [mm]	10–17
	Cover for key	SD9000-DS50-09-17.99-CV

Exchangeable head

Designation	D_c mm	P HC WMS35	P HC WPP35	M HC WMS35	M HC WPP35	K HC WMS35	K HC WPP35	N HC WMS35	N HC WPP35	S HC WMS35	S HC WPP35	H HC WMS35	H HC WPP35
 DS50-..-M	10,0 - 17,9	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐

HC = Coated carbide

B1

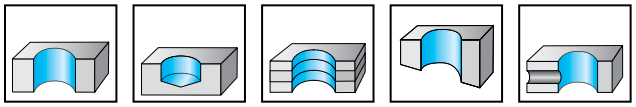
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Exchangeable-head drills

D5150 inch

B1

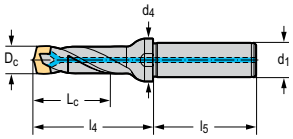
– Stable interface without assembly parts
– Universal M geometry for all ISO materials



3×D_c | 158° | Z=2

	P	M	K	N	S	H	O
D5150	●●	●●	●	●	●●	●	

Tool



Cylindrical shank with collar

Designation	$D_{c\,min}$ inch	$D_{c\,max}$ inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
D5150.03-09.00A13-A	0,354	0,374	1,172	1,630	1,772	0,500	0,630	0,137	1	DS50-09...A-.
D5150.03-09.50A13-B	0,374	0,393	1,223	1,697	1,772	0,500	0,630	0,139	1	DS50-09...B-.

Bodies and assembly parts are included in the scope of delivery

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

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

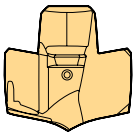
Assembly parts

	$D_{c\ min}$ [inch]	0,354–0,374
	Keys	SD9000-DS50-09-17.99

Accessories

	$D_{c\ min}$ [inch]	0,354–0,374
	Cover for key	SD9000-DS50-09-17.99-CV

Exchangeable head

	Designation	D_c inch	P HC		M HC		K HC		N HC		S HC		H HC	
			WMS35	WPP35	WMS35	WPP35	WMS35	WPP35	WMS35	WPP35	WMS35	WPP35	WMS35	WPP35
	DS50-..-M	0,4 - 0,4	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐

HC = Coated carbide

B1

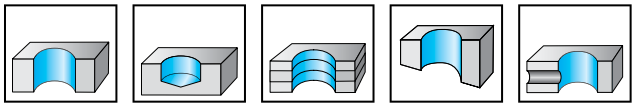
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = ☹

Exchangeable-head drills

D5150 inch

B1

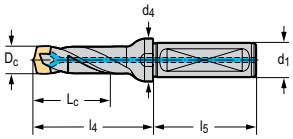
– Stable interface without assembly parts
– Universal M geometry for all ISO materials



3×D_c | 158° | Z=2

	P	M	K	N	S	H	O
D5150	●●	●●	●	●	●●	●	

Tool



Cylindrical shank with flat

Designation	$D_{c\,min}$ inch	$D_{c\,max}$ inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
D5150.03-10.00F15-C	0,394	0,413	1,296	1,839	1,890	0,625	0,787	0,218	1	DS50-10...C-.
D5150.03-10.50F15-D	0,413	0,433	1,347	1,898	1,890	0,625	0,787	0,223	1	DS50-10...D-.
D5150.03-11.00F15-E	0,433	0,452	1,419	1,961	1,890	0,625	0,787	0,223	1	DS50-11...E-.
D5150.03-11.50F15-F	0,453	0,472	1,47	2,020	1,890	0,625	0,787	0,225	1	DS50-11...F-.
D5150.03-12.00F15-G	0,472	0,492	1,543	2,083	1,890	0,625	0,787	0,231	1	DS50-12...G-.
D5150.03-12.50F15-H	0,492	0,511	1,594	2,142	1,890	0,625	0,787	0,236	1	DS50-12...H-.
D5150.03-13.00F15-J	0,512	0,531	1,667	2,205	1,890	0,625	0,787	0,236	1	DS50-13...J-.
D5150.03-13.50F15-K	0,531	0,551	1,717	2,268	1,890	0,625	0,787	0,24	1	DS50-13...K-.
D5150.03-14.00F19-M	0,551	0,59	1,84	2,528	1,969	0,750	1,125	0,375	1	DS50-14...M-.
D5150.03-15.00F19-N	0,591	0,630	1,965	2,650	1,969	0,750	1,125	0,381	1	DS50-15...N-.
D5150.03-16.00F19-P	0,630	0,669	2,088	2,772	1,969	0,750	1,125	0,397	1	DS50-16...P-.
D5150.03-17.00F19-R	0,669	0,708	2,212	2,894	1,969	0,750	1,125	0,414	1	DS50-17...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 = ☹

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

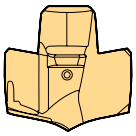
Assembly parts

	$D_{c\ min}$ [inch]	0,394–0,669
	Keys	SD9000-DS50-09-17.99

Accessories

	$D_{c\ min}$ [inch]	0,394–0,669
	Cover for key	SD9000-DS50-09-17.99-CV

Exchangeable head

	Designation	D_c inch	P HC		M HC		K HC		N HC		S HC		H HC	
			WMS35	WPP35	WMS35	WPP35	WMS35	WPP35	WMS35	WPP35	WMS35	WPP35	WMS35	WPP35
	DS50-..-M	0,4 - 0,7	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐

HC = Coated carbide

B1

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

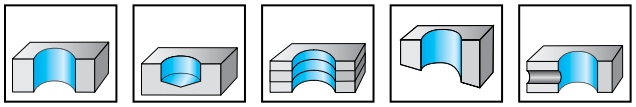
☺ 😐 ☹ / ★ = New addition to the product range

Exchangeable-head drills

D5150 mm

B1

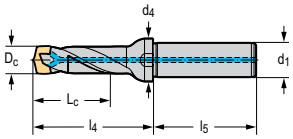
– Stable interface without assembly parts
– Universal M geometry for all ISO materials



5×D_c | 158° | Z=2

	P	M	K	N	S	H	O
D5150	●●	●●	●	●	●●	●	

Tool



Cylindrical shank with collar

Designation	$D_{c\,min}$ mm	$D_{c\,max}$ mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D5150-05-09.00A12-A	9	9,49	48,75	60,2	45	12	16	0,06	1	DS50-09...A-.
D5150-05-09.50A12-B	9,5	9,99	50,87	62,9	45	12	16	0,06	1	DS50-09...B-.

Bodies and assembly parts are included in the scope of delivery

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

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

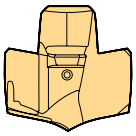
Assembly parts

	$D_{c\ min}$ [mm]	9–9,5
	Keys	SD9000-DS50-09-17.99

Accessories

	$D_{c\ min}$ [mm]	9–9,5
	Cover for key	SD9000-DS50-09-17.99-CV

Exchangeable head

	Designation	D_c mm	P HC WMS35	P HC WPP35	M HC WMS35	M HC WPP35	K HC WMS35	K HC WPP35	N HC WMS35	N HC WPP35	S HC WMS35	S HC WPP35	H HC WMS35	H HC WPP35
	DS50-..-M	9,0 - 9,9	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐

HC = Coated carbide

B1

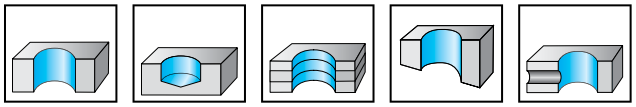
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Exchangeable-head drills

D5150 mm

B1

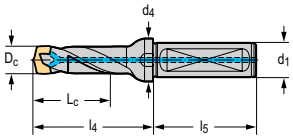
– Stable interface without assembly parts
– Universal M geometry for all ISO materials



5×D_c | 158° | Z=2

	P	M	K	N	S	H	O
D5150	●●	●●	●	●	●●	●	

Tool



Cylindrical shank with flat

Designation	$D_{c\,min}$ mm	$D_{c\,max}$ mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D5150-05-10.00F16-C	10	10,49	53,89	67,5	48	16	20	0,11	1	DS50-10...C-.
D5150-05-10.50F16-D	10,5	10,99	56,01	70	48	16	20	0,11	1	DS50-10...D-.
D5150-05-11.00F16-E	11	11,49	59,03	72,6	48	16	20	0,11	1	DS50-11...E-.
D5150-05-11.50F16-F	11,5	11,99	61,15	75,1	48	16	20	0,11	1	DS50-11...F-.
D5150-05-12.00F16-G	12	12,49	64,17	77,7	48	16	20	0,12	1	DS50-12...G-.
D5150-05-12.50F16-H	12,5	12,99	66,29	80,2	48	16	20	0,12	1	DS50-12...H-.
D5150-05-13.00F16-J	13	13,49	69,31	82,8	48	16	20	0,12	1	DS50-13...J-.
D5150-05-13.50F16-K	13,5	13,99	71,42	85,4	48	16	20	0,13	1	DS50-13...K-.
D5150-05-14.00F20-M	14	14,99	76,54	94	50	20	25	0,22	1	DS50-14...M-.
D5150-05-15.00F20-N	15	15,99	81,7	99,1	50	20	25	0,21	1	DS50-15...N-.
D5150-05-16.00F20-P	16	16,99	86,84	104,2	50	20	25	0,22	1	DS50-16...P-.
D5150-05-17.00F20-R	17	17,99	91,98	109,3	50	20	25	0,23	1	DS50-17...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 = ☹

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

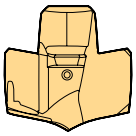
Assembly parts

	$D_{c\ min}$ [mm]	10–17
	Keys	SD9000-DS50-09-17.99

Accessories

	$D_{c\ min}$ [mm]	10–17
	Cover for key	SD9000-DS50-09-17.99-CV

Exchangeable head

Designation	D_c mm	P HC WMS35	P HC WPP35	M HC WMS35	M HC WPP35	K HC WMS35	K HC WPP35	N HC WMS35	N HC WPP35	S HC WMS35	S HC WPP35	H HC WMS35	H HC WPP35
 DS50-..-M	10,0 - 17,9	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide

B1

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

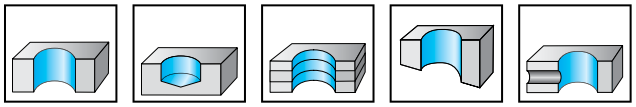
☺ 😐 ☹ / ★ = New addition to the product range

Exchangeable-head drills

D5150 inch

B1

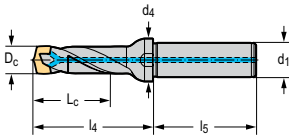
– Stable interface without assembly parts
– Universal M geometry for all ISO materials



5×D_c | 158° | Z=2

	P	M	K	N	S	H	O
D5150	●●	●●	●	●	●●	●	

Tool



Cylindrical shank with collar

Designation	$D_{c\,min}$ inch	$D_{c\,max}$ inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
D5150.05-09.00A13-A	0,354	0,354	1,919	2,37	1,772	0,500	0,630	0,148	1	DS50-09...A-.
D5150.05-09.50A13-B	0,374	0,393	2,003	2,476	1,772	0,500	0,630	0,152	1	DS50-09...B-.

Bodies and assembly parts are included in the scope of delivery

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

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

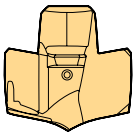
Assembly parts

	$D_{c\ min}$ [inch]	0,354–0,374
	Keys	SD9000-DS50-09-17.99

Accessories

	$D_{c\ min}$ [inch]	0,354–0,374
	Cover for key	SD9000-DS50-09-17.99-CV

Exchangeable head

	Designation	D_c inch	P HC		M HC		K HC		N HC		S HC		H HC	
			WMS35	WPP35	WMS35	WPP35	WMS35	WPP35	WMS35	WPP35	WMS35	WPP35	WMS35	WPP35
	DS50-..-M	0,4 - 0,4	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐

HC = Coated carbide

B1

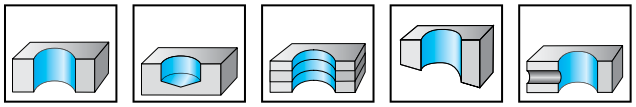
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = ☹

Exchangeable-head drills

D5150 inch

B1

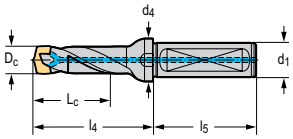
– Stable interface without assembly parts
– Universal M geometry for all ISO materials



5×D_c | 158° | Z=2

	P	M	K	N	S	H	O
D5150	●●	●●	●	●	●●	●	

Tool



Cylindrical shank with flat

Designation	$D_{c\,min}$ inch	$D_{c\,max}$ inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
D5150.05-10.00F15-C	0,394	0,413	2,122	2,657	1,890	0,625	0,787	0,234	1	DS50-10...C-.
D5150.05-10.50F15-D	0,413	0,433	2,205	2,756	1,890	0,625	0,787	0,24	1	DS50-10...D-.
D5150.05-11.00F15-E	0,433	0,452	2,324	2,858	1,890	0,625	0,787	0,243	1	DS50-11...E-.
D5150.05-11.50F15-F	0,453	0,472	2,407	2,957	1,890	0,625	0,787	0,249	1	DS50-11...F-.
D5150.05-12.00F15-G	0,472	0,492	2,526	3,059	1,890	0,625	0,787	0,256	1	DS50-12...G-.
D5150.05-12.50F15-H	0,492	0,511	2,610	3,157	1,890	0,625	0,787	0,265	1	DS50-12...H-.
D5150.05-13.00F15-J	0,512	0,531	2,729	3,260	1,890	0,625	0,787	0,267	1	DS50-13...J-.
D5150.05-13.50F15-K	0,531	0,551	2,812	3,362	1,890	0,625	0,787	0,278	1	DS50-13...K-.
D5150.05-14.00F19-M	0,551	0,59	3,013	3,701	1,969	0,750	1,125	0,417	1	DS50-14...M-.
D5150.05-15.00F19-N	0,591	0,630	3,217	3,902	1,969	0,750	1,125	0,507	1	DS50-15...N-.
D5150.05-16.00F19-P	0,630	0,669	3,419	4,102	1,969	0,750	1,125	0,459	1	DS50-16...P-.
D5150.05-17.00F19-R	0,669	0,708	3,621	4,303	1,969	0,750	1,125	0,489	1	DS50-17...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 = ☹

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

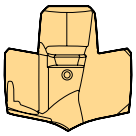
Assembly parts

	$D_{c\ min}$ [inch]	0,394–0,669
	Keys	SD9000-DS50-09-17.99

Accessories

	$D_{c\ min}$ [inch]	0,394–0,669
	Cover for key	SD9000-DS50-09-17.99-CV

Exchangeable head

	Designation	D_c inch	P HC		M HC		K HC		N HC		S HC		H HC	
			WMS35	WPP35	WMS35	WPP35	WMS35	WPP35	WMS35	WPP35	WMS35	WPP35	WMS35	WPP35
	DS50-..-M	0,4 - 0,7	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐

HC = Coated carbide

B1

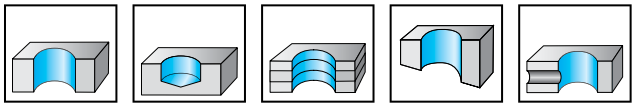
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = ☹

Exchangeable-head drills

D5150 mm

B1

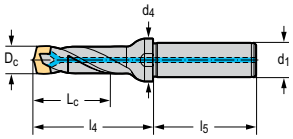
– Stable interface without assembly parts
– Universal M geometry for all ISO materials



8×D_c | 158° | Z=2

	P	M	K	N	S	H	O
D5150	●●	●●	●	●	●●	●	

Tool



Cylindrical shank with collar

Designation	$D_{c\,min}$ mm	$D_{c\,max}$ mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D5150-08-09.00A12-A	9	9,49	77,22	88,4	45	12	16	0,07	1	DS50-09...A-.
D5150-08-09.50A12-B	9,5	9,99	80,57	92,6	45	12	16	0,07	1	DS50-09...B-.

Bodies and assembly parts are included in the scope of delivery

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

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

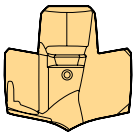
Assembly parts

	$D_{c\ min}$ [mm]	9–9,5
	Keys	SD9000-DS50-09-17.99

Accessories

	$D_{c\ min}$ [mm]	9–9,5
	Cover for key	SD9000-DS50-09-17.99-CV

Exchangeable head

	Designation	D_c mm	P HC WMS35	P HC WPP35	M HC WMS35	M HC WPP35	K HC WMS35	K HC WPP35	N HC WMS35	N HC WPP35	S HC WMS35	S HC WPP35	H HC WMS35	H HC WPP35
	DS50-..-M	9,0 - 9,9	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐

HC = Coated carbide

B1

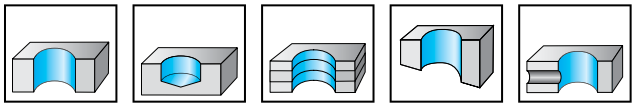
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = ☹

Exchangeable-head drills

D5150 mm

B1

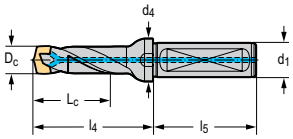
– Stable interface without assembly parts
– Universal M geometry for all ISO materials



8×D_c | 158° | Z=2

	P	M	K	N	S	H	O
D5150	●●	●●	●	●	●●	●	

Tool



Cylindrical shank with flat

Designation	$D_{c\,min}$ mm	$D_{c\,max}$ mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D5150-08-10.00F16-C	10	10,49	85,36	98,7	48	16	20	0,12	1	DS50-10...C-.
D5150-08-10.50F16-D	10,5	10,99	88,71	102,7	48	16	20	0,12	1	DS50-10...D-.
D5150-08-11.00F16-E	11	11,49	93,5	106,8	48	16	20	0,12	1	DS50-11...E-.
D5150-08-11.50F16-F	11,5	11,99	96,85	110,8	48	16	20	0,13	1	DS50-11...F-.
D5150-08-12.00F16-G	12	12,49	101,64	114,9	48	16	20	0,13	1	DS50-12...G-.
D5150-08-12.50F16-H	12,5	12,99	104,99	118,9	48	16	20	0,14	1	DS50-12...H-.
D5150-08-13.00F16-J	13	13,49	109,78	123	48	16	20	0,14	1	DS50-13...J-.
D5150-08-13.50F16-K	13,5	13,99	113,12	127,1	48	16	20	0,15	1	DS50-13...K-.
D5150-08-14.00F20-M	14	14,99	121,24	138,7	50	20	25	0,25	1	DS50-14...M-.
D5150-08-15.00F20-N	15	15,99	129,4	146,8	50	20	25	0,24	1	DS50-15...N-.
D5150-08-16.00F20-P	16	16,99	137,54	154,9	50	20	25	0,26	1	DS50-16...P-.
D5150-08-17.00F20-R	17	17,99	145,68	163	50	20	25	0,28	1	DS50-17...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 = ☹

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

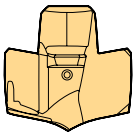
Assembly parts

	$D_{c\ min}$ [mm]	10–17
	Keys	SD9000-DS50-09-17.99

Accessories

	$D_{c\ min}$ [mm]	10–17
	Cover for key	SD9000-DS50-09-17.99-CV

Exchangeable head

Designation	D_c mm	P HC WMS35	P HC WPP35	M HC WMS35	M HC WPP35	K HC WMS35	K HC WPP35	N HC WMS35	N HC WPP35	S HC WMS35	S HC WPP35	H HC WMS35	H HC WPP35
 DS50-..-M	10,0 - 17,9	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐

HC = Coated carbide

B1

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

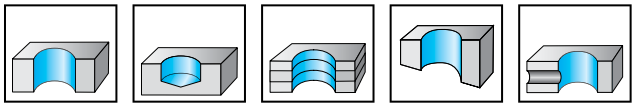
☺ 😐 ☹ / ★ = New addition to the product range

Exchangeable-head drills

D5150 inch

B1

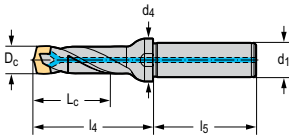
– Stable interface without assembly parts
– Universal M geometry for all ISO materials



8×D_c | 158° | Z=2

	P	M	K	N	S	H	O
D5150	●●	●●	●	●	●●	●	

Tool



Cylindrical shank with collar

Designation	$D_{c\,min}$ inch	$D_{c\,max}$ inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
D5150.08-09.00A13-A	0,354	0,374	3,04	3,48	1,772	0,500	0,630	0,163	1	DS50-09...A-.
D5150.08-09.50A13-B	0,374	0,393	3,172	3,646	1,772	0,500	0,630	0,172	1	DS50-09...B-.

Bodies and assembly parts are included in the scope of delivery

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

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

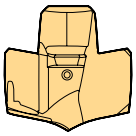
Assembly parts

	$D_{c\ min}$ [inch]	0,354–0,374
	Keys	SD9000-DS50-09-17.99

Accessories

	$D_{c\ min}$ [inch]	0,354–0,374
	Cover for key	SD9000-DS50-09-17.99-CV

Exchangeable head

	Designation	D_c inch	P HC		M HC		K HC		N HC		S HC		H HC	
			WMS35	WPP35	WMS35	WPP35	WMS35	WPP35	WMS35	WPP35	WMS35	WPP35	WMS35	WPP35
	DS50-..-M	0,4 - 0,4	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐

HC = Coated carbide

B1

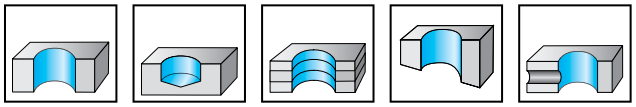
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = ☹

Exchangeable-head drills

D5150 inch

B1

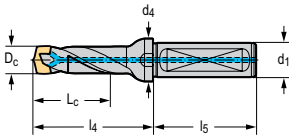
– Stable interface without assembly parts
– Universal M geometry for all ISO materials



8×D_c | 158° | Z=2

	P	M	K	N	S	H	O
D5150	●●	●●	●	●	●●	●	

Tool



Cylindrical shank with flat

Designation	$D_{c\,min}$ inch	$D_{c\,max}$ inch	L_c inch	l_4 inch	l_5 inch	d_1 inch	d_4 inch	lbs	No. of inserts	Type
D5150.08-10.00F15-C	0,394	0,413	3,361	3,886	1,890	0,625	0,787	0,256	1	DS50-10...C-.
D5150.08-10.50F15-D	0,413	0,433	3,493	4,043	1,890	0,625	0,787	0,267	1	DS50-10...D-.
D5150.08-11.00F15-E	0,433	0,452	3,681	4,205	1,890	0,625	0,787	0,269	1	DS50-11...E-.
D5150.08-11.50F15-F	0,453	0,472	3,813	4,362	1,890	0,625	0,787	0,282	1	DS50-11...F-.
D5150.08-12.00F15-G	0,472	0,492	4,002	4,524	1,890	0,625	0,787	0,293	1	DS50-12...G-.
D5150.08-12.50F15-H	0,492	0,511	4,133	4,681	1,890	0,625	0,787	0,306	1	DS50-12...H-.
D5150.08-13.00F15-J	0,512	0,531	4,322	4,843	1,890	0,625	0,787	0,313	1	DS50-13...J-.
D5150.08-13.50F15-K	0,531	0,551	4,454	5,004	1,890	0,625	0,787	0,328	1	DS50-13...K-.
D5150.08-14.00F19-M	0,551	0,59	4,773	5,461	1,969	0,750	1,125	0,476	1	DS50-14...M-.
D5150.08-15.00F19-N	0,591	0,630	5,094	5,780	1,969	0,750	1,125	0,5	1	DS50-15...N-.
D5150.08-16.00F19-P	0,630	0,669	5,415	6,098	1,969	0,750	1,125	0,545	1	DS50-16...P-.
D5150.08-17.00F19-R	0,669	0,708	5,735	6,417	1,969	0,750	1,125	0,595	1	DS50-17...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 = ☹

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

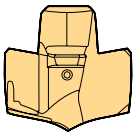
Assembly parts

	$D_{c\ min}$ [inch]	0,394–0,669
	Keys	SD9000-DS50-09-17.99

Accessories

	$D_{c\ min}$ [inch]	0,394–0,669
	Cover for key	SD9000-DS50-09-17.99-CV

Exchangeable head

	Designation	D_c inch	P HC		M HC		K HC		N HC		S HC		H HC	
			WMS35	WPP35	WMS35	WPP35	WMS35	WPP35	WMS35	WPP35	WMS35	WPP35	WMS35	WPP35
	DS50-..-M	0,4 - 0,7	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐

HC = Coated carbide

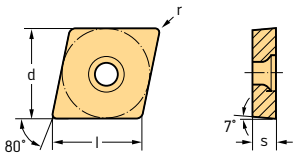
B1

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

Turning Insert – Positive rhombic 80°

CCGT / CCMT

Tiger·tec® Gold



Indexable inserts

B 2

	Designation	r mm	l mm	P HC		M HC						S HC			
				WMP20G	WMP30G	WSM01	WSM10S	WMP20G	WSM20S	WMP30G	WSM30S	WSM01	WSM10S	WSM20S	WSM30S
	CCGT060201-FM2	0,1	6,45						😐					😐	
	CCGT060202-FM2	0,2	6,45	☹		☺		😐	😐			☺		😐	
	CCGT060204-FM2	0,4	6,45	☹		☺		😐	😐			☺		😐	
	CCGT09T301-FM2	0,1	9,67						😐					😐	
	CCGT09T302-FM2	0,2	9,67	☹		☺		😐	😐			☺		😐	
	CCGT09T304-FM2	0,4	9,67	☹		☺	☺	😐	😐			☺	☺	😐	
	CCGT09T308-FM2	0,8	9,67			☺	☺		😐			☺	☺	😐	
	CCGT120404-FM2	0,4	12,9						😐					😐	
	CCGT120408-FM2	0,8	12,9						😐					😐	
	CCMT060202-FM4	0,2	6,45	☹			☺	😐	😐		☹		☺	😐	☹
	CCMT060204-FM4	0,4	6,45	☹	☹	☺	☺	😐	😐	☹	☹	☺	☺	😐	☹
	CCMT060208-FM4	0,8	6,45						😐		☹			😐	☹
	CCMT09T302-FM4	0,2	9,67	☹		☺	☺	😐	😐		☹	☺	☺	😐	☹
	CCMT09T304-FM4	0,4	9,67	☹	☹	☺	☺	😐	😐	☹	☹	☺	☺	😐	☹
	CCMT09T308-FM4	0,8	9,67	☹		☺	☺	😐	😐		☹	☺	☺	😐	☹
	CCMT120404-FM4	0,4	12,9	☹			☺	😐	😐		☹		☺	😐	☹
	CCMT120408-FM4	0,8	12,9	☹			☺	😐	😐		☹		☺	😐	☹

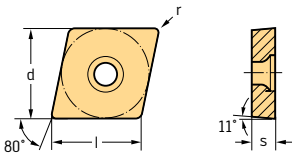
See the ISO 1832 designation key for dimensions
Ordering example for the grade WSM20S: CCGT060201-FM2 WSM20S
Ordering example for the grade WMP20G: CCGT060202-FM2 WMP20G

HC = Coated carbide

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

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

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



Indexable inserts

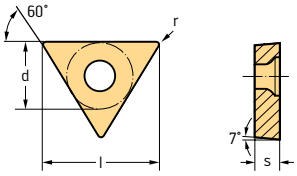
	Designation	r mm	l mm	P HC	M HC		S HC	
				WMP20G	WMP20G	WSM20S	WSM20S	
	CPMT050204-FM4	0,4	5,64	☹	😐	😐	😐	
	CPMT060204-FM4	0,4	6,45	☹	😐	😐	😐	
	CPMT09T304-FM4	0,4	9,67	☹	😐	😐	😐	
	CPMT09T308-FM4	0,8	9,67	☹	😐	😐	😐	

Ordering example for the grade WMP20G: CPMT050204-FM4 WMP20G

HC = Coated carbide

B 2

Turning Insert – Positive triangular 60°
TCMT
Tiger·tec® Gold



Indexable inserts

	Designation	r mm	l mm	P HC	M HC					S HC			
				WMP20G	WSM10S	WMP20G	WSM20S	WSM21	WSM30S	WSM10S	WSM20S	WSM21	WSM30S
	TCMT06T102-FM4	0,2	6,87					😐				😐	
	TCMT06T104-FM4	0,4	6,87					😐				😐	
	TCMT090202-FM4	0,2	9,62		☺		😐			☺	😐		
	TCMT090204-FM4	0,4	9,62	☹	☺	😐	😐			☺	😐		
	TCMT090208-FM4	0,8	9,62				😐				😐		
	TCMT110202-FM4	0,2	11		☺		😐		☹	☺	😐		☹
	TCMT110204-FM4	0,4	11	☹	☺	😐	😐		☹	☺	😐		☹
	TCMT110208-FM4	0,8	11		☺		😐			☺	😐		
	TCMT16T302-FM4	0,2	16,5				😐				😐		
	TCMT16T304-FM4	0,4	16,5	☹	☺	😐	😐		☹	☺	😐		☹
	TCMT16T308-FM4	0,8	16,5	☹	☺	😐	😐		☹	☺	😐		☹

See the ISO 1832 designation key for dimensions

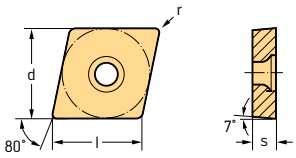
HC = Coated carbide

Ordering example for the grade WSM21: TCMT06T102-FM4 WSM21
Ordering example for the grade WSM21: TCMT06T104-FM4 WSM21
Ordering example for the grade WSM10S: TCMT090202-FM4 WSM10S
Ordering example for the grade WSM20S: TCMT090202-FM4 WSM20S
Ordering example for the grade WMP20G: TCMT090204-FM4 WMP20G

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

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

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



Indexable inserts

B 2

	Designation	r mm	l mm	P HC		M HC						S HC			
				WMP20G	WMP30G	WSM01	WSM10S	WMP20G	WSM20S	WMP30G	WSM30S	WSM01	WSM10S	WSM20S	WSM30S
	CCMT060204-MM4	0,4	6,45	☹	☹		☺	😐	😐	☹	☹		☺	😐	☹
	CCMT060208-MM4	0,8	6,45	☹				😐	😐					😐	
	CCMT09T304-MM4	0,4	9,67	☹	☹	☺	☺	😐	😐	☹	☹	☺	☺	😐	☹
	CCMT09T308-MM4	0,8	9,67	☹	☹	☺	☺	😐	😐	☹	☹	☺	☺	😐	☹
	CCMT120404-MM4	0,4	12,9	☹				😐	😐					😐	
	CCMT120408-MM4	0,8	12,9	☹			☺	😐	😐				☺	😐	
	CCMT060204-RM4	0,4	6,45	☹	☹		☺	😐	😐	☹	☹		☺	😐	☹
	CCMT060208-RM4	0,8	6,45	☹			☺	😐	😐		☹		☺	😐	☹
	CCMT09T304-RM4	0,4	9,67	☹	☹		☺	😐	😐	☹	☹		☺	😐	☹
	CCMT09T308-RM4	0,8	9,67	☹	☹		☺	😐	😐	☹	☹		☺	😐	☹
	CCMT120404-RM4	0,4	12,9	☹	☹		☺	😐	😐	☹	☹		☺	😐	☹
	CCMT120408-RM4	0,8	12,9	☹	☹		☺	😐	😐	☹	☹		☺	😐	☹
	CCMT120412-RM4	1,2	12,9	☹				😐	😐		☹			😐	☹

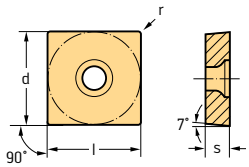
See the ISO 1832 designation key for dimensions
Ordering example for the grade WMP20G: CCMT060204-MM4 WMP20G

HC = Coated carbide

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

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

Turning Insert – Positive square
SCMT
Tiger·tec® Gold



Indexable inserts

	Designation	r mm	l mm	P HC WMP20G	P HC WMP30G	M HC WSM10S	M HC WMP20G	M HC WSM20S	M HC WMP30G	M HC WSM30S	S HC WSM10S	S HC WSM20S	S HC WSM30S
	SCMT09T304-MM4	0,4	9,53	☹		☺	😐	😐			☺	😐	
	SCMT09T308-MM4	0,8	9,53	☹		☺	😐	😐		☹	☺	😐	☹
	SCMT120408-MM4	0,8	12,7	☹			😐	😐				😐	
	SCMT09T304-RM4	0,4	9,53	☹	☹		😐	😐	☹	☹		😐	☹
	SCMT09T308-RM4	0,8	9,53	☹	☹	☺	😐	😐	☹	☹	☺	😐	☹
	SCMT120404-RM4	0,4	12,7					😐		☹		😐	☹
	SCMT120408-RM4	0,8	12,7	☹	☹	☺	😐	😐	☹	☹	☺	😐	☹
	SCMT120412-RM4	1,2	12,7	☹			😐	😐		☹		😐	☹

See the ISO 1832 designation key for dimensions
Ordering example for the grade WMP20G: SCMT09T304-MM4 WMP20G

HC = Coated carbide

B 2

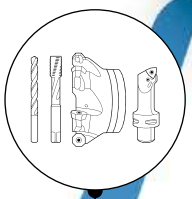
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

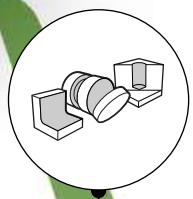
☺ 😐 ☹ / ★ = New addition to the product range

How to use Walter GPS

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

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





A SEARCH PRODUCT-RELATED

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

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

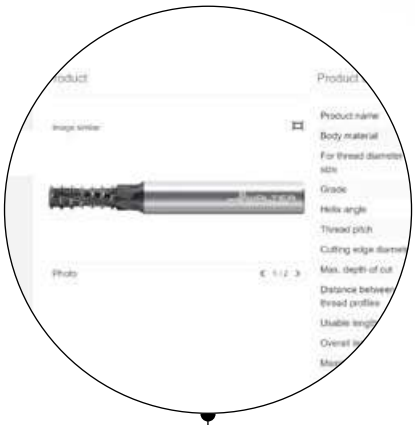
B SEARCH APPLICATION-RELATED

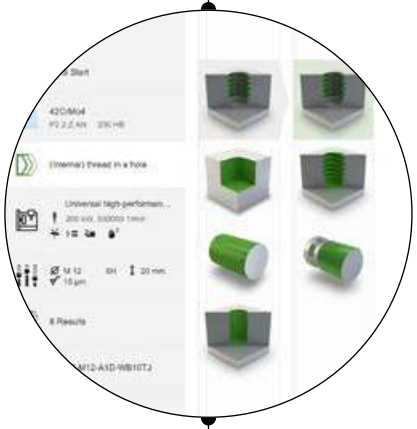
Do you know your application and your material, but don't know which tool solution is best for it?

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

Select **material** and …

… **application**





Enter specific **tool**

Select **material** and …

… **application**

HOW WALTER GPS BENEFITS YOU

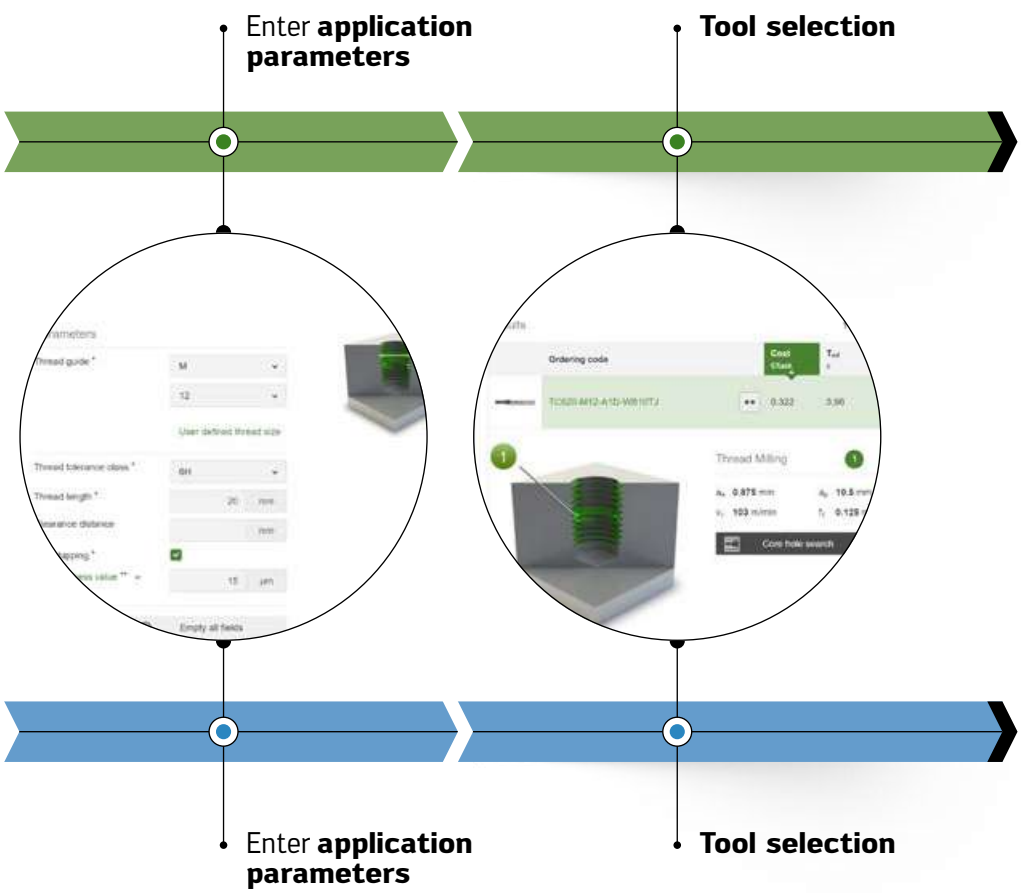
- **Find the right tool solution for your machining task –** quickly and based on your machining objective (e.g. maximum cost-efficiency).
- **Get reliable cutting data for your tool –** calculated according to your specifications: For your tool, your application and your material.
- **Ideal for calculating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

Launch Walter GPS now

Your navigation system for the best machining solution

www.walter-tools.com/gps

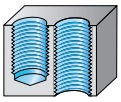
RESULT



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

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

Thread milling cutters without countersink

Machining		
Thread depth	1,5 x D_N	2 x D_N
	NEW	NEW
Designation	TD610 Supreme	TD610 Supreme
Thread type		
M	✔	✔
MF	✔	✔
UNC / UNF / UN-8	✔	✔
G / Rc / Rp	✔	✔
MJ / UNJC / UNJF	✔	
NPT / NPTF	✔	
Pg / BSW / Tr		
Thread insert	✔	✔
Additional services	R	R
Coolant supply	External / axial	External / axial
Coating / grade	WB10TU	WB10TU
Cutting tool material	VHM	VHM
P Steel	●●	●●
M Stainless steel	●●	●●
K Cast iron	●●	●●
N NF metals	●●	●●
S Materials with difficult cutting properties	●●	●●
H Hard materials		
O Other	●	●
Page in catalogue	139	141
QR code		
www.walter-tools.com/woc/	TD610	TD610

C3

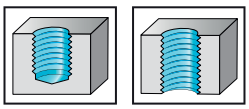
WALTER SELECT ●● Primary application ● Other application

Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

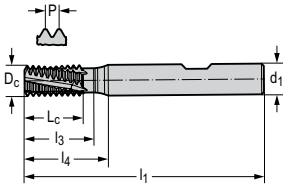
M-MF
DIN 13



≤ 1,5×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
TD610-M4-W0C-	M 4	0,7	3,1	6,3	57	8,95	21	6	3	☺
TD610-M5-W0C-	M 5	0,8	3,9	8	53	10,65	17	6	3	☺
TD610-M6-W0C-	M 6	1	4,7	9	57	12,55	21	6	4	☺
TD610-M8-W0C-	M 8	1,25	6	12,5	57	16,04	21	6	4	☺
TD610-M10-W0C-	M 10	1,5	7,9	15	63	19,48	27	8	4	☺
TD610-M12-W0C-	M 12	1,75	9,6	19,25	72	21,6	32	10	4	☺
TD610-M14-W0C-	M 14	2	11,2	22	83	26,4	38	12	5	☺
TD610-M16-W0C-	M 16	2	13,1	24	83	29,35	38	14	6	☺
TD610-M20-W0C-	M 20	2,5	16,4	30	94	36,23	46	18	6	☺

Ordering example for the grade WB10TU: TD610-M10-W0C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

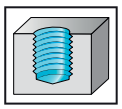
☺ 😐 ☹ / ★ = New addition to the product range

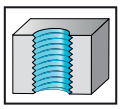
Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

M-MF
DIN 13

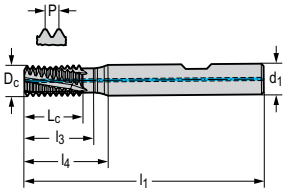




≤ 1,5×D_N | 15° | 48HRC

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
TD610-M4-W1C-	M 4	0,7	3,1	6,3	57	8,95	21	6	3	☺
TD610-M5-W1C-	M 5	0,8	3,9	8	57	10,65	21	6	3	☺
TD610-M6-W1C-	M 6	1	4,7	9	57	12,55	21	6	4	☺
TD610-M8-W1C-	M 8	1,25	6	12,5	57	16,04	21	6	4	☺
TD610-M10-W1C-	M 10	1,5	7,9	15	63	19,48	27	8	4	☺
TD610-M12-W1C-	M 12	1,75	9,6	19,25	72	21,6	32	10	4	☺
TD610-M14-W1C-	M 14	2	11,2	22	83	26,4	38	12	5	☺
TD610-M16-W1C-	M 16	2	13,1	24	83	29,35	38	14	6	☺
TD610-M20-W1C-	M 20	2,5	16,4	30	94	36,23	46	18	6	☺

Ordering example for the grade WB10TU: TD610-M10-W1C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

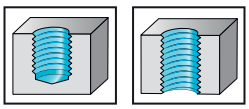
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

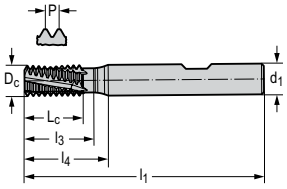
M-MF
DIN 13



≤ 2×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-M4-W0D-	M 4	0,7	3,1	8,4	57	10,95	21	6	3	☹
★ TD610-M5-W0D-	M 5	0,8	3,9	10,4	57	13,15	21	6	3	☹
★ TD610-M6-W0D-	M 6	1	4,7	12	61	15,55	25	6	4	☹
★ TD610-M8-W0D-	M 8	1,25	6	16,25	65	20,04	29	6	4	☹
★ TD610-M10-W0D-	M 10	1,5	7,9	21	63	23,35	27	8	4	☹
★ TD610-M12-W0D-	M 12	1,75	9,6	24,5	79	28,91	39	10	4	☹
★ TD610-M14-W0D-	M 14	2	11,2	28	87	33,35	42	12	5	☹
★ TD610-M16-W0D-	M 16	2	13,1	32	94	37,35	49	14	6	☹
★ TD610-M20-W0D-	M 20	2,5	16,4	40	115	46,23	67	18	6	☹

Ordering example for the grade WB10TU: TD610-M10-W0D-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

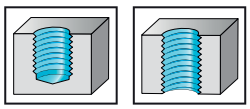
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

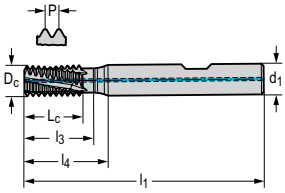
M-MF
DIN 13



≤ 2×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-M4-W1D-	M 4	0,7	3,1	8,4	57	10,95	21	6	3	☹
★ TD610-M5-W1D-	M 5	0,8	3,9	10,4	57	13,15	21	6	3	☹
★ TD610-M6-W1D-	M 6	1	4,7	12	61	15,55	25	6	4	☹
★ TD610-M8-W1D-	M 8	1,25	6	16,25	65	20,04	29	6	4	☹
★ TD610-M10-W1D-	M 10	1,5	7,9	21	63	23,35	27	8	4	☹
★ TD610-M12-W1D-	M 12	1,75	9,6	24,5	77	28,91	37	10	4	☹
★ TD610-M14-W1D-	M 14	2	11,2	28	87	33,35	42	12	5	☹
★ TD610-M16-W1D-	M 16	2	13,1	32	94	37,35	49	14	6	☹
★ TD610-M20-W1D-	M 20	2,5	16,4	40	115	46,23	67	18	6	☹

Ordering example for the grade WB10TU: TD610-M10-W1D-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

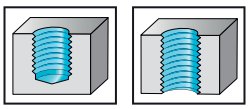
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

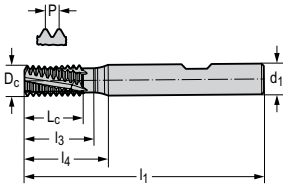
MF
DIN 13



≤ 1,5×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
TD610-M4X0.5-W0C-	MF 4X0.5	0,5	3,2	6	51	8,55	15	6	4	☺
TD610-M6X0.75-W0C-	MF 6X0.75	0,75	4,9	9	57	12,05	21	6	4	☺
TD610-M6X0.5-W0C-	MF 6X0.5	0,5	5,1	9	51	11,55	15	6	5	☺
TD610-M8X1-W0C-	MF 8X1	1	6,5	12	63	15,55	27	8	5	☺
TD610-M8X0.75-W0C-	MF 8X0.75	0,75	6,8	12	56	15,05	20	8	5	☺
TD610-M10X1-W0C-	MF 10X1	1	8,4	15	65	18,55	25	10	5	☺
TD610-M10X0.5-W0C-	MF 10X0.5	0,5	8,9	15	62	17,55	22	10	7	☺
TD610-M12X1.5-W0C-	MF 12X1.5	1,5	9,8	18	72	22,48	32	10	5	☺
TD610-M12X1-W0C-	MF 12X1	1	10	18	72	21,55	32	10	6	☺
TD610-M12X1.25W0C-	MF 12X1.25	1,25	10	18,75	72	21,1	32	10	6	☺
TD610-M14X1.5-W0C-	MF 14X1.5	1,5	11,7	21	83	25,48	38	12	6	☺
TD610-M14X1-W0C-	MF 14X1	1	12	21	74	25,35	29	12	7	☺
TD610-M16X1.5-W0C-	MF 16X1.5	1,5	13,6	24	83	28,48	38	14	6	☺
TD610-M16X1-W0C-	MF 16X1	1	14	24	83	28,35	38	14	7	☺
TD610-M18X1.5-W0C-	MF 18X1.5	1,5	15,5	27	92	31,48	44	16	7	☺
TD610-M18X1-W0C-	MF 18X1	1	15,9	27	92	31,35	44	16	8	☺
TD610-M20X2-W0C-	MF 20X2	2	16,9	30	92	35,35	44	18	6	☺

Ordering example for the grade WB10TU: TD610-M10X0.5-W0C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

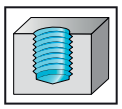
☺ 😐 ☹ / ★ = New addition to the product range

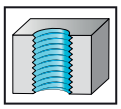
Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

MF
DIN 13

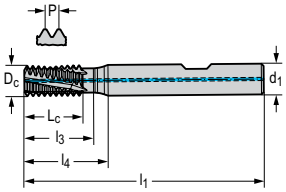




≤ 1,5×D_N | 15° | 48HRC

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
TD610-M4X0.5-W1C-	MF 4X0.5	0,5	3,2	6	51	8,55	15	6	4	☺
TD610-M6X0.75-W1C-	MF 6X0.75	0,75	4,9	9	57	12,05	21	6	4	☺
TD610-M6X0.5-W1C-	MF 6X0.5	0,5	5,1	9	51	11,55	15	6	5	☺
TD610-M8X1-W1C-	MF 8X1	1	6,5	12	63	15,55	27	8	5	☺
TD610-M8X0.75-W1C-	MF 8X0.75	0,75	6,8	12	56	15,05	20	8	5	☺
TD610-M10X1-W1C-	MF 10X1	1	8,4	15	65	18,55	25	10	5	☺
TD610-M10X0.5-W1C-	MF 10X0.5	0,5	8,9	15	62	17,55	22	10	7	☺
TD610-M12X1.5-W1C-	MF 12X1.5	1,5	9,8	18	72	22,48	32	10	5	☺
TD610-M12X1-W1C-	MF 12X1	1	10	18	72	21,55	32	10	6	☺
TD610-M12X1.25W1C-	MF 12X1.25	1,25	10	18,75	72	21,1	32	10	6	☺
TD610-M14X1.5-W1C-	MF 14X1.5	1,5	11,7	21	83	25,48	38	12	6	☺
TD610-M14X1-W1C-	MF 14X1	1	12	21	74	25,35	29	12	7	☺
TD610-M16X1.5-W1C-	MF 16X1.5	1,5	13,6	24	83	28,48	38	14	6	☺
TD610-M16X1-W1C-	MF 16X1	1	14	24	83	28,35	38	14	7	☺
TD610-M18X1.5-W1C-	MF 18X1.5	1,5	15,5	27	92	31,48	44	16	7	☺
TD610-M18X1-W1C-	MF 18X1	1	15,9	27	92	31,35	44	16	8	☺
TD610-M20X2-W1C-	MF 20X2	2	16,9	30	92	35,35	44	18	6	☺

Ordering example for the grade WB10TU: TD610-M10X0.5-W1C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

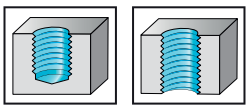
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

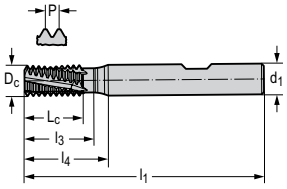
MF
DIN 13



≤ 2×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-M4X0.5-W0D-	M 4X0.5	0,5	3,2	8	57	10,55	21	6	4	☺
★ TD610-M6X0.75-W0D-	M 6X0.75	0,75	4,9	12	57	15,05	21	6	4	☺
★ TD610-M6X0.5-W0D-	M 6X0.5	0,5	5,1	12	57	14,55	21	6	5	☺
★ TD610-M8X1-W0D-	M 8X1	1	6,5	16	63	19,55	27	8	5	☺
★ TD610-M8X0.75-W0D-	M 8X0.75	0,75	6,8	16,5	63	19,05	27	8	5	☺
★ TD610-M10X1-W0D-	M 10X1	1	8,4	20	72	23,55	32	10	5	☺
★ TD610-M10X0.5-W0D-	M 10X0.5	0,5	8,9	20	72	22,55	32	10	7	☺
★ TD610-M12X1.5-W0D-	M 12X1.5	1,5	9,8	24	72	28,48	32	10	5	☺
★ TD610-M12X1-W0D-	M 12X1	1	10	24	72	27,55	32	10	6	☺
★ TD610-M12X1.25W0D-	M 12X1.25	1,25	10	25	72	27,1	32	10	6	☺
★ TD610-M14X1.5-W0D-	M 14X1.5	1,5	11,7	28,5	85	32,9	40	12	6	☺
★ TD610-M14X1-W0D-	M 14X1	1	12	28	83	32,35	38	12	7	☺
★ TD610-M16X1.5-W0D-	M 16X1.5	1,5	13,6	33	94	37,4	49	14	6	☺
★ TD610-M16X1-W0D-	M 16X1	1	14	32	94	36,35	49	14	7	☺
★ TD610-M18X1.5-W0D-	M 18X1.5	1,5	15,5	36	101	40,48	53	16	7	☺
★ TD610-M18X1-W0D-	M 18X1	1	15,9	36	94	40,35	46	16	8	☺
★ TD610-M20X1.5-W0D-	M 20X1.5	1,5	17,3	40,5	115	44,9	67	18	7	☺

Ordering example for the grade WB10TU: TD610-M10X0.5-W0D-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

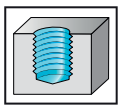
☺ 😐 ☹ / ★ = New addition to the product range

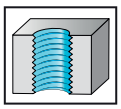
Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

MF
DIN 13

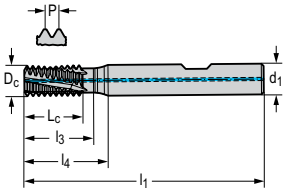




≤ 2×D_N | 15° | 48HRC

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-M4X0.5-W1D-	M 4X0.5	0,5	3,2	8	57	10,55	21	6	4	☹
★ TD610-M6X0.75-W1D-	M 6X0.75	0,75	4,9	12	57	15,05	21	6	4	☹
★ TD610-M6X0.5-W1D-	M 6X0.5	0,5	5,1	12	57	14,55	21	6	5	☹
★ TD610-M8X1-W1D-	M 8X1	1	6,5	16	63	19,55	27	8	5	☹
★ TD610-M8X0.75-W1D-	M 8X0.75	0,75	6,8	16,5	63	19,05	27	8	5	☹
★ TD610-M10X1-W1D-	M 10X1	1	8,4	20	72	23,55	32	10	5	☹
★ TD610-M10X0.5-W1D-	M 10X0.5	0,5	8,9	20	72	22,55	32	10	7	☹
★ TD610-M12X1.5-W1D-	M 12X1.5	1,5	9,8	24	72	28,48	32	10	5	☹
★ TD610-M12X1-W1D-	M 12X1	1	10	24	72	27,55	32	10	6	☹
★ TD610-M12X1.25W1D-	M 12X1.25	1,25	10	25	72	27,1	32	10	6	☹
★ TD610-M14X1.5-W1D-	M 14X1.5	1,5	11,7	28,5	85	32,9	40	12	6	☹
★ TD610-M14X1-W1D-	M 14X1	1	12	28	83	32,35	38	12	7	☹
★ TD610-M16X1.5-W1D-	M 16X1.5	1,5	13,6	33	94	37,4	49	14	6	☹
★ TD610-M16X1-W1D-	M 16X1	1	14	32	94	36,35	49	14	7	☹
★ TD610-M18X1.5-W1D-	M 18X1.5	1,5	15,5	36	101	40,48	53	16	7	☹
★ TD610-M18X1-W1D-	M 18X1	1	15,9	36	94	40,35	46	16	8	☹
★ TD610-M20X1.5-W1D-	M 20X1.5	1,5	17,3	40,5	100	44,9	52	18	7	☹

Ordering example for the grade WB10TU: TD610-M10X0.5-W1D-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

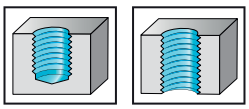
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

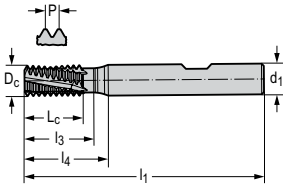
UNC
ASME B1.1



≤ 1,5×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Threads per inch	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
TD610-UNC8-W0C-	UNC #8-32	32	3,1	6,35	57	9,39	21	6	3	☺
TD610-UNC10-W0C-	UNC #10-24	24	3,5	7,41	57	10,94	21	6	3	☺
TD610-UNC1/4-W0C-	UNC 1/4-20	20	4,7	10,16	57	12,65	21	6	3	☺
TD610-UNC5/16-W0C-	UNC 5/16-18	18	6	12,7	57	15,17	21	6	4	☺
TD610-UNC3/8-W0C-	UNC 3/8-16	16	7,4	14,29	63	18,92	27	8	4	☺
TD610-UNC7/16-W0C-	UNC 7/16-14	14	8,7	18,14	72	22,54	32	10	4	☺
TD610-UNC1/2-W0C-	UNC 1/2-13	13	10	19,54	72	24,32	32	10	4	☺
TD610-UNC9/16-W0C-	UNC 9/16-12	12	11,4	23,28	83	27,68	38	12	5	☺
TD610-UNC5/8-W0C-	UNC 5/8-11	11	12,7	25,4	83	29,8	38	14	5	☺
TD610-UNC3/4-W0C-	UNC 3/4-10	10	15,5	30,48	92	34,88	44	16	5	☺
TD610-UNC7/8-W0C-	UNC 7/8-9	9	18	33,87	98	40,13	50	18	6	☺

Ordering example for the grade WB10TU: TD610-UNC1/2-W0C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

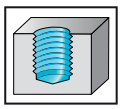
☺ 😐 ☹ / ★ = New addition to the product range

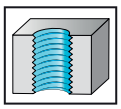
Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

UNC
ASME B1.1

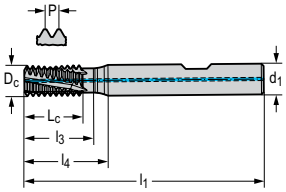




≤ 1,5×D_N | 15° | 48HRC

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Threads per inch	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
TD610-UNC8-W1C-	UNC #8-32	32	3,1	6,35	57	9,39	21	6	3	☺
TD610-UNC10-W1C-	UNC #10-24	24	3,5	7,41	57	10,94	21	6	3	☺
TD610-UNC1/4-W1C-	UNC 1/4-20	20	4,7	10,16	57	12,65	21	6	3	☺
TD610-UNC5/16-W1C-	UNC 5/16-18	18	6	12,7	57	15,17	21	6	4	☺
TD610-UNC3/8-W1C-	UNC 3/8-16	16	7,4	14,29	63	18,92	27	8	4	☺
TD610-UNC7/16-W1C-	UNC 7/16-14	14	8,7	18,14	72	22,54	32	10	4	☺
TD610-UNC1/2-W1C-	UNC 1/2-13	13	10	19,54	72	24,32	32	10	4	☺
TD610-UNC9/16-W1C-	UNC 9/16-12	12	11,4	23,28	83	27,68	38	12	5	☺
TD610-UNC5/8-W1C-	UNC 5/8-11	11	12,7	25,4	83	29,8	38	14	5	☺
TD610-UNC3/4-W1C-	UNC 3/4-10	10	15,5	30,48	92	34,88	44	16	5	☺
TD610-UNC7/8-W1C-	UNC 7/8-9	9	18	33,87	98	40,13	50	18	6	☺

Ordering example for the grade WB10TU: TD610-UNC1/2-W1C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

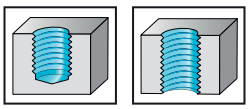
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

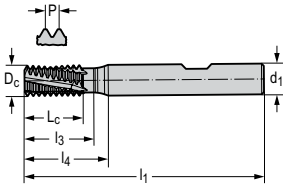
UNC
ASME B1.1



≤ 2×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Threads per inch	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-UNC8-W0D-	UNC #8-32	32	3,1	8,73	57	11,47	21	6	3	☺
★ TD610-UNC10-W0D-	UNC #10-24	24	3,5	10,58	61	12,56	25	6	3	☺
★ TD610-UNC1/4-W0D-	UNC 1/4-20	20	4,7	12,7	61	16,77	25	6	3	☺
★ TD610-UNC5/16-W0D-	UNC 5/16-18	18	6	16,93	61	19,14	25	6	4	☺
★ TD610-UNC3/8-W0D-	UNC 3/8-16	16	7,4	19,05	68	23,68	32	8	4	☺
★ TD610-UNC7/16-W0D-	UNC 7/16-14	14	8,7	23,59	79	27,99	39	10	4	☺
★ TD610-UNC1/2-W0D-	UNC 1/2-13	13	10	25,4	79	30,67	39	10	4	☺
★ TD610-UNC9/16-W0D-	UNC 9/16-12	12	11,4	29,63	89	34,03	44	12	5	☺
★ TD610-UNC5/8-W0D-	UNC 5/8-11	11	12,7	32,33	100	37,64	55	14	5	☺
★ TD610-UNC3/4-W0D-	UNC 3/4-10	10	15,5	38,1	101	44,4	53	16	5	☺
★ TD610-UNC7/8-W0D-	UNC 7/8-9	9	18	45,16	115	51,24	67	18	6	☺

Ordering example for the grade WB10TU: TD610-UNC1/2-W0D-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

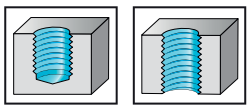
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

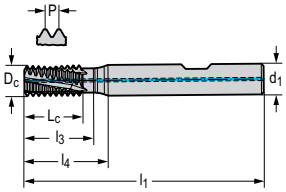
UNC
ASME B1.1



≤ 2×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Threads per inch	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-UNC8-W1D-	UNC #8-32	32	3,1	8,73	57	11,47	21	6	3	☹
★ TD610-UNC10-W1D-	UNC #10-24	24	3,5	10,58	61	12,56	25	6	3	☹
★ TD610-UNC1/4-W1D-	UNC 1/4-20	20	4,7	12,7	61	16,77	25	6	3	☹
★ TD610-UNC5/16-W1D-	UNC 5/16-18	18	6	16,93	61	19,14	25	6	4	☹
★ TD610-UNC3/8-W1D-	UNC 3/8-16	16	7,4	19,05	68	23,68	32	8	4	☹
★ TD610-UNC7/16-W1D-	UNC 7/16-14	14	8,7	23,59	79	27,99	39	10	4	☹
★ TD610-UNC1/2-W1D-	UNC 1/2-13	13	10	25,4	79	30,67	39	10	4	☹
★ TD610-UNC9/16-W1D-	UNC 9/16-12	12	11,4	29,63	89	34,03	44	12	5	☹
★ TD610-UNC5/8-W1D-	UNC 5/8-11	11	12,7	32,33	100	37,64	55	14	5	☹
★ TD610-UNC3/4-W1D-	UNC 3/4-10	10	15,5	38,1	101	44,4	53	16	5	☹
★ TD610-UNC7/8-W1D-	UNC 7/8-9	9	18	45,16	115	51,24	67	18	6	☹

Ordering example for the grade WB10TU: TD610-UNC1/2-W1D-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

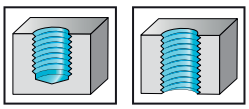
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

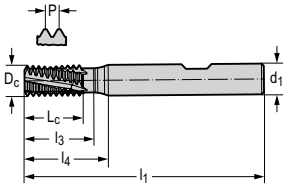
UNF
ASME B1.1



≤ 1,5×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Threads per inch	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
TD610-UNF8-W0C-	UNF #8-36	36	3,2	6,35	53	9,21	17	6	3	☺
TD610-UNF10-W0C-	UNF #10-32	32	3,7	7,94	57	10,38	21	6	3	☺
TD610-UNF1/4-W0C-	UNF 1/4-28	28	5,1	9,98	57	12,89	21	6	4	☺
TD610-UNF5/16-W0C-	UNF 5/16-24	24	6,4	12,7	57	14,82	21	8	4	☺
TD610-UNF7/16-W0C-	UNF 7/16-20	20	9,2	17,78	72	19,79	32	10	5	☺
TD610-UNF9/16-W0C-	UNF 9/16-18	18	12	22,58	83	26,98	38	12	6	☺
TD610-UNF3/4-W0C-	UNF 3/4-16	16	16,4	28,58	89	33,2	41	18	7	☺

Ordering example for the grade WB10TU: TD610-UNF1/4-W0C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

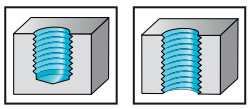
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

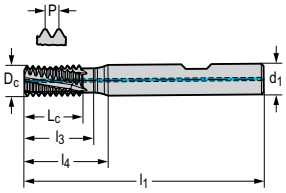
UNF
ASME B1.1



≤ 1,5×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Threads per inch	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
TD610-UNF8-W1C-	UNF #8-36	36	3,2	6,35	53	9,21	17	6	3	☻
TD610-UNF10-W1C-	UNF #10-32	32	3,7	7,94	57	10,38	21	6	3	☻
TD610-UNF1/4-W1C-	UNF 1/4-28	28	5,1	9,98	57	12,89	21	6	4	☻
TD610-UNF5/16-W1C-	UNF 5/16-24	24	6,4	12,7	57	14,82	21	8	4	☻
TD610-UNF7/16-W1C-	UNF 7/16-20	20	9,2	17,78	72	19,79	32	10	5	☻
TD610-UNF9/16-W1C-	UNF 9/16-18	18	12	22,58	82	26,98	37	12	6	☻
TD610-UNF3/4-W1C-	UNF 3/4-16	16	16,4	28,58	89	33,2	41	18	7	☻

Ordering example for the grade WB10TU: TD610-UNF1/4-W1C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☻ ➔ Average = ☹ ➔ Poor = ☠ machining conditions

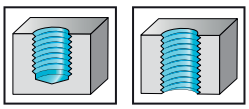
New addition to the product range = ☻ ☹ ☠ / ★

Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

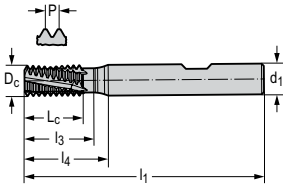
UNF
ASME B1.1



≤ 2×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Threads per inch	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-UNF8-W0D-	UNF #8-36	36	3,2	8,47	57	11,29	21	6	3	☺
★ TD610-UNF10-W0D-	UNF #10-32	32	3,7	10,32	57	12,79	21	6	3	☺
★ TD610-UNF1/4-W0D-	UNF 1/4-28	28	5,1	12,7	61	16,06	25	6	4	☺
★ TD610-UNF5/16-W0D-	UNF 5/16-24	24	6,4	15,88	63	19,58	27	8	4	☺
★ TD610-UNF7/16-W0D-	UNF 7/16-20	20	9,2	22,86	72	25,34	32	10	5	☺
★ TD610-UNF9/16-W0D-	UNF 9/16-18	18	12	29,63	85	34,03	40	12	6	☺
★ TD610-UNF3/4-W0D-	UNF 3/4-16	16	16,4	38,1	100	42,73	52	18	7	☺

Ordering example for the grade WB10TU: TD610-UNF1/4-W0D-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

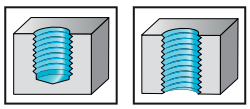
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

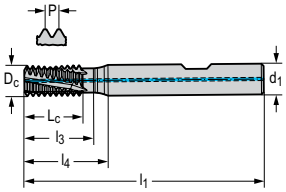
UNF
ASME B1.1



≤ 2×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Threads per inch	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-UNF8-W1D-	UNF #8-36	36	3,2	8,47	57	11,29	21	6	3	☹
★ TD610-UNF10-W1D-	UNF #10-32	32	3,7	10,32	57	12,79	21	6	3	☹
★ TD610-UNF1/4-W1D-	UNF 1/4-28	28	5,1	12,7	61	16,06	25	6	4	☹
★ TD610-UNF5/16-W1D-	UNF 5/16-24	24	6,4	15,88	63	19,58	27	8	4	☹
★ TD610-UNF7/16-W1D-	UNF 7/16-20	20	9,2	22,86	72	25,34	32	10	5	☹
★ TD610-UNF9/16-W1D-	UNF 9/16-18	18	12	29,63	85	34,03	40	12	6	☹
★ TD610-UNF3/4-W1D-	UNF 3/4-16	16	16,4	38,1	100	42,73	52	18	7	☹

Ordering example for the grade WB10TU: TD610-UNF1/4-W1D-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

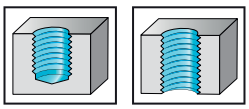
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

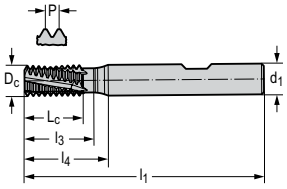
MJ
DIN ISO 5855-1



≤ 1,5×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●	●●	●	●	●●		●

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-MJ4-A1C-	MJ 4X0.7	0,7	3,1	6,3	57	8,95	21	6	3	☹
★ TD610-MJ5-A1C-	MJ 5X0.8	0,8	3,9	8	57	10,65	21	6	3	☹
★ TD610-MJ6-A1C-	MJ 6X1	1	4,7	9	57	12,55	21	6	4	☹
★ TD610-MJ8-A1C-	MJ 8X1.25	1,25	6	12,5	61	16,04	25	6	4	☹
★ TD610-MJ10-A1C-	MJ 10X1.5	1,5	7,9	15	63	19,48	27	8	4	☹
★ TD610-MJ12-A1C-	MJ 12X1.75	1,75	9,6	19,25	72	21,6	32	10	4	☹

Ordering example for the grade WB10TU: TD610-MJ10-A1C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

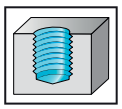
☺ 😐 ☹ / ★ = New addition to the product range

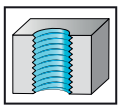
Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

UNJC
ASME B1.15

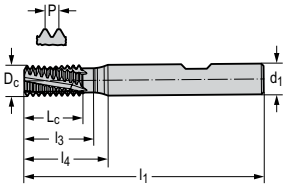




≤ 1,5×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●	●●	●	●	●●		●

Tool



DIN 6535 HA

Designation	D_N	Threads per inch	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-UNJC10-A1C-	UNJC #10-24	24	3,5	7,41	57	10,94	21	6	3	☺
★ TD610-UNJC1/4-A1C-	UNJC 1/4-20	20	4,7	10,16	57	12,65	21	6	3	☺
★ TD610-UNJC5/16A1C-	UNJC 5/16-18	18	6	12,7	57	15,17	21	6	4	☺
★ TD610-UNJC3/8-A1C-	UNJC 3/8-16	16	7,4	14,29	63	18,92	27	8	4	☺
★ TD610-UNJC7/16A1C-	UNJC 7/16-14	14	8,7	18,14	72	22,54	32	10	4	☺
★ TD610-UNJC1/2-A1C-	UNJC 1/2-13	13	10	19,54	72	24,32	32	10	4	☺

Ordering example for the grade WB10TU: TD610-UNJC1/2-A1C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

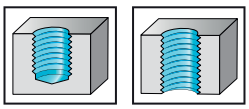
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

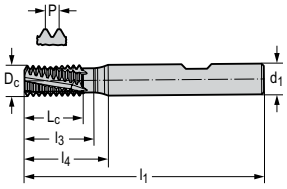
UNJF
ASME B1.15



≤ 1,5×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●	●●	●	●	●●		●

Tool



DIN 6535 HA

Designation	D_N	Threads per inch	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-UNJF10-A1C-	UNJF #10-32	32	3,7	7,94	57	10,38	21	6	3	☺
★ TD610-UNJF1/4-A1C-	UNJF 1/4-28	28	5,1	9,98	57	12,89	21	6	4	☺
★ TD610-UNJF5/16A1C-	UNJF 5/16-24	24	6,4	12,7	63	14,82	27	8	4	☺
★ TD610-UNJF3/8-A1C-	UNJF 3/8-24	24	7,9	14,82	58	17,2	22	8	5	☺
★ TD610-UNJF7/16A1C-	UNJF 7/16-20	20	9,2	17,78	72	19,79	32	10	5	☺
★ TD610-UNJF1/2-A1C-	UNJF 1/2-20	20	10,7	19,05	83	23,45	38	12	6	☺

Ordering example for the grade WB10TU: TD610-UNJF1/2-A1C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

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

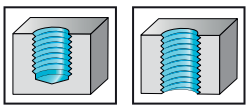
Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

G (BSP) DIN EN ISO 228

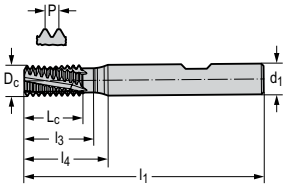
Rp DIN EN 10226-1



≤ 1,5×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Threads per inch	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
TD610-G1/16-W0C-	G 1/16-28	28	6	11,79	57	14,95	21	6	5	☹
TD610-G1/8-W0C-	G 1/8-28	28	8	15,42	63	17,96	27	8	5	☹
TD610-G1/4-W0C-	G 1/4-19	19	10,8	20,05	83	24,45	38	12	6	☹
TD610-G3/8-W0C-	G 3/8-19	19	14	25,4	83	29,8	38	14	7	☹
TD610-G1/2-W0C-	G 1/2-14	14	17,6	32,66	92	37,06	44	18	6	☹
TD610-G1-W0C-	G 1"-11	11	20	50,8	125	55,76	75	20	6	☹

Ordering example for the grade WB10TU: TD610-G1-W0C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

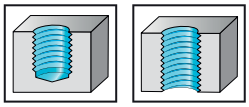
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

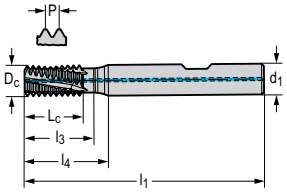
G (BSP) DIN EN ISO 228 | Rp DIN EN 10226-1



≤ 1,5×D_N | 15° | 48HRC

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Threads per inch	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
TD610-G1/16-W1C-	G 1/16-28	28	6	11,79	57	14,95	21	6	5	☺
TD610-G1/8-W1C-	G 1/8-28	28	8	15,42	63	17,96	27	8	5	☺
TD610-G1/4-W1C-	G 1/4-19	19	10,8	20,05	83	24,45	38	12	6	☺
TD610-G3/8-W1C-	G 3/8-19	19	14	25,4	83	29,8	38	14	7	☺
TD610-G1/2-W1C-	G 1/2-14	14	17,6	32,66	92	37,06	44	18	6	☺
TD610-G1-W1C-	G 1"-11	11	20	50,8	125	55,76	75	20	6	☺

Ordering example for the grade WB10TU: TD610-G1-W1C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

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

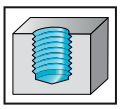
Solid carbide thread milling cutters

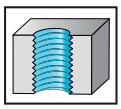
TD610 Supreme mm

– Universal thread milling cutters

G (BSP) DIN EN ISO 228

Rp DIN EN 10226-1

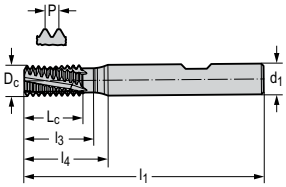




≤ 2×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Threads per inch	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-G1/16-W0D-	G 1/16-28	28	6	16,33	57	18,81	21	6	5	☹
★ TD610-G1/8-W0D-	G 1/8-28	28	8	19,96	63	22,82	27	8	5	☹
★ TD610-G1/4-W0D-	G 1/4-19	19	10,8	26,74	85	31,14	40	12	6	☹
★ TD610-G3/8-W0D-	G 3/8-19	19	14	33,42	94	37,82	49	14	7	☹
★ TD610-G1/2-W0D-	G 1/2-14	14	17,6	43,54	115	47,94	67	18	6	☹
★ TD610-G5/8-W0D-	G 5/8-14	14	19,4	47,17	110	51,57	60	20	7	☹
★ TD610-G1-W0D-	G 1-11	11	20	66,96	132	72,39	82	20	6	☹

Ordering example for the grade WB10TU: TD610-G1-W0D-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

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

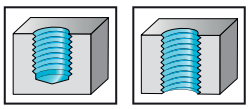
Solid carbide thread milling cutters

TD610 Supreme mm

– Universal thread milling cutters

G (BSP) DIN EN ISO 228

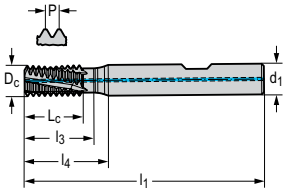
Rp DIN EN 10226-1



≤ 2×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Threads per inch	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-G1/16-W1D-	G 1/16-28	28	6	16,33	57	18,81	21	6	5	☹
★ TD610-G1/8-W1D-	G 1/8-28	28	8	19,96	63	22,82	27	8	5	☹
★ TD610-G1/4-W1D-	G 1/4-19	19	10,8	26,74	85	31,14	40	12	6	☹
★ TD610-G3/8-W1D-	G 3/8-19	19	14	33,42	94	37,82	49	14	7	☹
★ TD610-G1/2-W1D-	G 1/2-14	14	17,6	43,54	115	47,94	67	18	6	☹
★ TD610-G5/8-W1D-	G 5/8-14	14	19,4	47,17	110	51,57	60	20	7	☹
★ TD610-G1-W1D-	G 1-11	11	20	66,96	132	72,39	82	20	6	☹

Ordering example for the grade WB10TU: TD610-G1-W1D-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

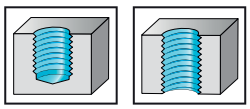
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide thread milling cutters

TD610 Supreme mm

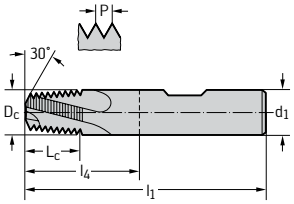
– Universal thread milling cutters

NPT
ASME B1.20.1



	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Threads per inch	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-NPT1/16-W0C-	NPT 1/16-27	27	5,28	11,55	57	21	21	6	4	☺
★ TD610-NPT1/8-W0C-	NPT 1/8-27	27	7,28	11,55	58	34	34	8	4	☺
★ TD610-NPT1/4-W0C-	NPT 1/4-18	18	8,92	17,33	66	26	26	10	4	☺
★ TD610-NPT1/2-W0C-	NPT 1/2-14	14	14,61	22,28	82	22	22	16	5	☺
★ TD610-NPT1-W0C-	NPT 1"-11.5	11,5	18,31	27,12	92	42	42	20	5	☺

Ordering example for the grade WB10TU: TD610-NPT1-W0C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

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

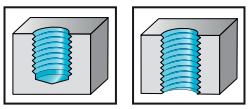
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide thread milling cutters

TD610 Supreme mm

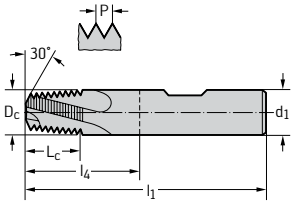
– Universal thread milling cutters

NPTF
ASME B1.20.3



	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Threads per inch	D_c mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-NPTF1/16W0C-	NPTF 1/16-27	27	5,28	11,5	57	21	21	6	4	☺
★ TD610-NPTF1/8-W0C-	NPTF 1/8-27	27	7,28	11,5	58	34	34	8	4	☺
★ TD610-NPTF1/4-W0C-	NPTF 1/4-18	18	8,92	17,27	66	26	26	10	4	☺
★ TD610-NPTF1/2-W0C-	NPTF 1/2-14	14	14,61	22,26	82	22	22	16	5	☺
★ TD610-NPTF1-W0C-	NPTF 1"-11.5	11,5	18,31	27,1	92	42	42	20	5	☺

Ordering example for the grade WB10TU: TD610-NPTF1-W0C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

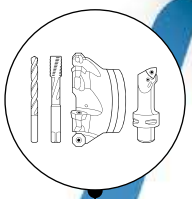
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

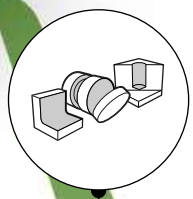
☺ 😐 ☹ / ★ = New addition to the product range

How to use Walter GPS

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

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





A SEARCH PRODUCT-RELATED

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

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

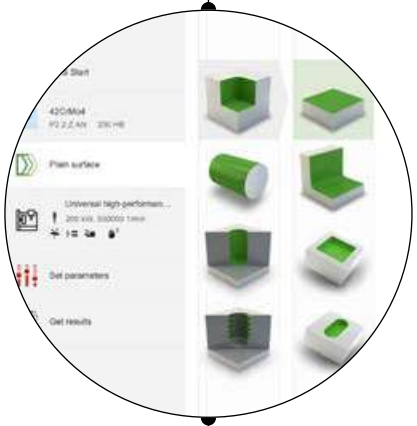
B SEARCH APPLICATION-RELATED

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

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

Select **material** and …

… **application**



Enter specific **tool**

Select **material** and …

… **application**

HOW WALTER GPS BENEFITS YOU

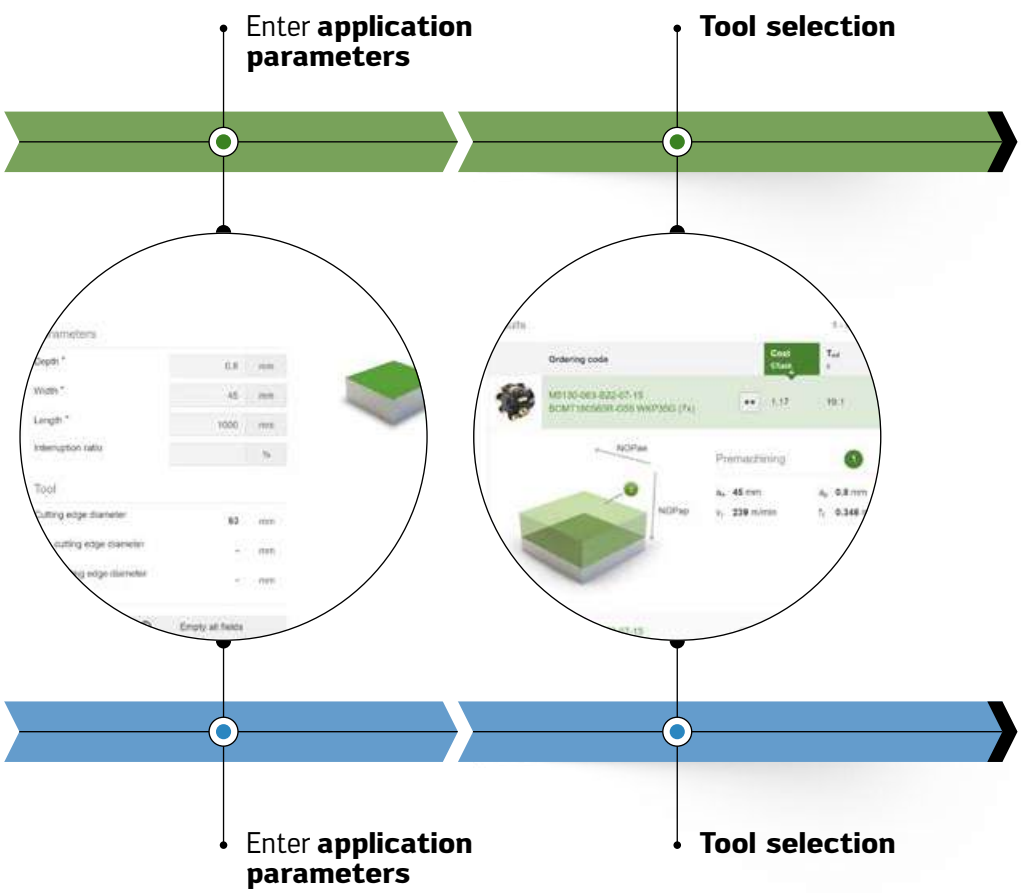
- **Find the right tool solution for your machining task –** quickly and based on your machining objective (e.g. maximum cost-efficiency).
- **Get reliable cutting data for your tool –** calculated according to your specifications: For your tool, your application and your material.
- **Ideal for calculating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

Launch Walter GPS now

Your navigation system for the best machining solution

www.walter-tools.com/gps

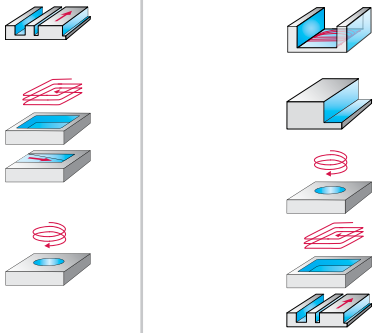
RESULT



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

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

Shoulder/slot milling cutters



	NEW	NEW	NEW
Designation	MC341 Supreme	MC333 Advance Xill·tec® Aero	MC331 Advance Xill·tec® Aero
Diameter range	6–20	6–25	6–25
Number of teeth	4–5	5–7	5–7
Corner radius	0,5	0,5–6	0,5–6
Diameter range	—	—	—
Number of teeth			
Corner radius			
Standard	P-NORM DIN 6527 L	DIN 6527 L P-NORM L P-NORM XL	DIN 6527 L P-NORM L P-NORM XL
Coating / grade	WK40TZ	WK40EA	WK40EA
Shank	DIN 6535 HA DIN 6535 HB	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	171	179	175
QR code			
www.walter-tools.com/woc/	MC341	MC333	MC331

WALTER SELECT

●● Primary application ● Other application

D1

Copy milling cutters

NEW

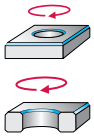
Designation	**MD480 Advance Xill·tec®**
Diameter range	0,4–16
Number of teeth	2–4
Corner radius	0,2–8
Diameter range	—
Number of teeth	
Corner radius	
Standard	P-NORM MINI P-NORM L DIN 6527 L P-NORM XL
Coating / grade	WB10TS
Shank	DIN 6535 HA
P Steel	
M Stainless steel	
K Cast iron	
N NF metals	
S Materials with difficult cutting properties	
H Hard materials	●●
O Other	
Page in catalogue	192
QR code	
www.walter-tools.com/woc/	MD480

WALTER SELECT

●● Primary application ● Other application

D1

Profiling cutters



	NEW	NEW	NEW
Designation	**MC504 Advance**	**MC501 Advance**	**MC500 Advance**
Diameter range	3–12	2–12	2–12
Number of teeth	4–6	4–6	4
Corner radius			
Diameter range	—	—	—
Number of teeth			
Corner radius			
Standard	PWZ-NORM L	P-NORM L	P-NORM L
Coating / grade	WJ30TF	WJ30TF	WJ30TF
Shank	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	200	199	198
QR code			
www.walter-tools.com/woc/	MC504	MC501	MC500

WALTER SELECT

●● Primary application ● Other application

Circle segment milling cutters

NEW

Designation	**MD880 Advance Xill·tec®**
Diameter range	6–16
Number of teeth	4–8
Corner radius	0,5–4
Diameter range	—
Number of teeth	
Corner radius	
Standard	P-NORM
Coating / grade	WB10TS
Shank	DIN 6535 HA
P Steel	
M Stainless steel	
K Cast iron	
N NF metals	
S Materials with difficult cutting properties	
H Hard materials	●●
O Other	
Page in catalogue	201
QR code	
www.walter-tools.com/woc/	MD880

WALTER SELECT

●● Primary application ● Other application

D1

Drill Mill

NEW

Designation	**MD780 Advance Xill·tec®**
Diameter range	2,5–16
Number of teeth	4
Corner radius	0,1
Diameter range	—
Number of teeth	
Corner radius	
Standard	DIN 6527 L P-NORM
Coating / grade	WB10TS
Shank	DIN 6535 HA
P Steel	
M Stainless steel	
K Cast iron	
N NF metals	
S Materials with difficult cutting properties	
H Hard materials	●●
O Other	
Page in catalogue	203
QR code	
www.walter-tools.com/woc/	MD780

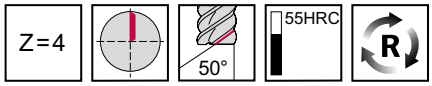
D1

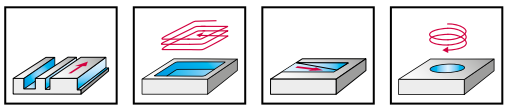
WALTER SELECT

●● Primary application ● Other application

Solid carbide shoulder/slot milling cutters

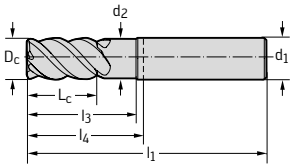
MC341 Supreme mm



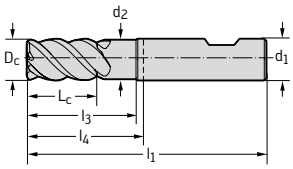


	P	M	K	N	S	H	O
WK40TZ	●●	●					

Tool



DIN 6535 HA



DIN 6535 HB

Designation	D_c h9 mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WK40TZ
MC341-06.0A4P-	6	10	16	5,5	57	21	6	4	☺
MC341-08.0A4P-	8	13	22	7,6	63	27	8	4	☺
MC341-10.0A4P-	10	16	28	9,5	72	32	10	4	☺
MC341-12.0A4P-	12	19	33	11,4	83	38	12	4	☺
MC341-16.0A4P-	16	26	42	15,2	92	44	16	4	☺
MC341-20.0A4P-	20	32	52	19	104	54	20	4	☺
★ MC341-12.0W4PD-	12	26	40	11,4	92	47	12	4	☺

Slot milling $a_p \leq 1.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TZ: MC341-06.0A4P-WK40TZ

D1

WALTER SELECT

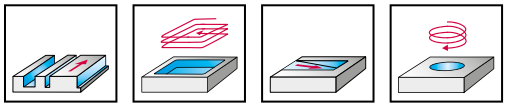
●● Primary application ● Other application

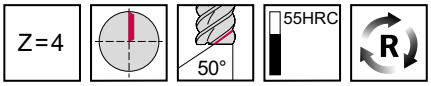
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide shoulder/slot milling cutters

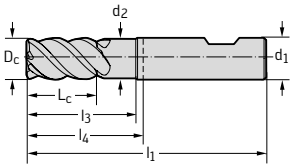
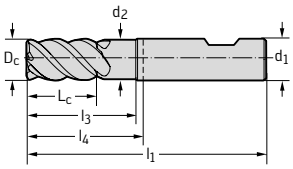
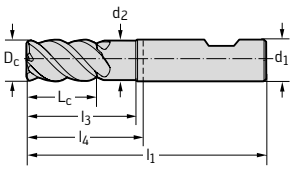
MC341 Supreme mm





	P	M	K	N	S	H	O
WK40TZ	●●	●					

Tool

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WK40TZ
 DIN 6535 HB										
★ MC341-06.0W4BC-	6		13	23	5,7	62	26	6	4	☺
★ MC341-10.0W4BC-	10		22	32	9,5	75	35	10	4	☺
★ MC341-16.0W4BC-	16		32	42	15,2	92	44	16	4	☺
 DIN 6535 HB										
★ MC341-08.0W4BD-	8		19	28	7,6	66	30	8	4	☺
 DIN 6535 HB										
★ MC341-06.0W4B050C-	6	0,5	13	18	5,7	57	21	6	4	☺
★ MC341-08.0W4B050C-	8	0,5	19	26	7,6	63	27	8	4	☺
★ MC341-10.0W4B050C-	10	0,5	22	30	9,5	72	32	10	4	☺
★ MC341-12.0W4B050C-	12	0,5	26	36	11,4	83	38	12	4	☺
★ MC341-16.0W4B050C-	16	0,5	32	42	15,2	92	44	16	4	☺

Ordering example for the grade WK40TZ: MC341-06.0W4BC-WK40TZ

D1

WALTER SELECT

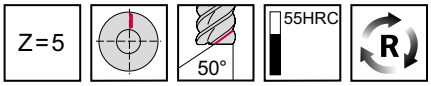
●● Primary application ● Other application

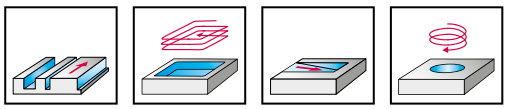
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide shoulder/slot milling cutters

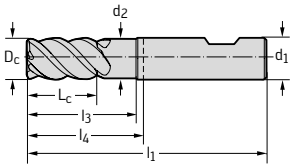
MC341 Supreme mm





	P	M	K	N	S	H	O
WK40TZ	●●	●					

Tool



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TZ
★ MC341-06.0W5B050-	6	0,5	13	57	21	6	5	☺
★ MC341-08.0W5B050-	8	0,5	19	63	27	8	5	☺
★ MC341-10.0W5B050-	10	0,5	22	72	32	10	5	☺
★ MC341-12.0W5B050-	12	0,5	26	83	38	12	5	☺
★ MC341-16.0W5B050-	16	0,5	32	92	44	16	5	☺

Ordering example for the grade WK40TZ: MC341-06.0W5B050-WK40TZ

D1

WALTER SELECT

●● Primary application ● Other application

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

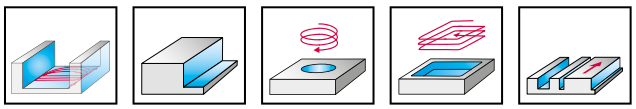
☺ 😐 ☹ / ★ = New addition to the product range

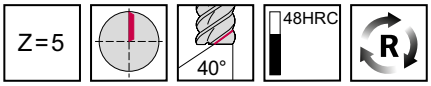
Solid carbide shoulder/slot milling cutters

MC331 Advance mm

Xill·tec® Aero

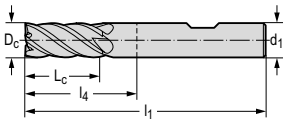
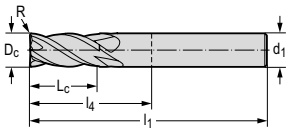
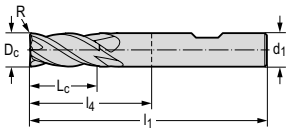
– Long reach





	P	M	K	N	S	H	O
WK40EA	●	●●	●	●	●●		

Tool

	Designation	D_c h10 mm	l_{11} mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40EA
 DIN 6535 HA	★ MC331-06.0A5BC-	6	0,1		13	57	21	6	5	☻
	★ MC331-08.0A5BC-	8	0,1		19	63	27	8	5	☻
	★ MC331-10.0A5BC-	10	0,1		22	72	32	10	5	☻
	★ MC331-12.0A5BC-	12	0,1		26	83	38	12	5	☻
 DIN 6535 HA	★ MC331-06.0A5B050C-	6		0,5	13	57	21	6	5	☻
	★ MC331-06.0A5B080C-	6		0,8	13	57	21	6	5	☻
	★ MC331-06.0A5B100C-	6		1	13	57	21	6	5	☻
	★ MC331-08.0A5B050C-	8		0,5	19	63	27	8	5	☻
	★ MC331-08.0A5B080C-	8		0,8	19	63	27	8	5	☻
	★ MC331-08.0A5B100C-	8		1	19	63	27	8	5	☻
	★ MC331-08.0A5B200C-	8		2	19	63	27	8	5	☻
	★ MC331-10.0A5B050C-	10		0,5	22	72	32	10	5	☻
	★ MC331-10.0A5B080C-	10		0,8	22	72	32	10	5	☻
	★ MC331-10.0A5B100C-	10		1	22	72	32	10	5	☻
	★ MC331-10.0A5B150C-	10		1,5	22	72	32	10	5	☻
	★ MC331-10.0A5B200C-	10		2	22	72	32	10	5	☻
	★ MC331-10.0A5B300C-	10		3	22	72	32	10	5	☻
	★ MC331-12.0A5B050C-	12		0,5	26	83	38	12	5	☻
	★ MC331-12.0A5B080C-	12		0,8	26	83	38	12	5	☻
	★ MC331-12.0A5B100C-	12		1	26	83	38	12	5	☻
	★ MC331-12.0A5B150C-	12		1,5	26	83	38	12	5	☻
	★ MC331-12.0A5B200C-	12		2	26	83	38	12	5	☻
	★ MC331-12.0A5B250C-	12		2,5	26	83	38	12	5	☻
	★ MC331-12.0A5B300C-	12		3	26	83	38	12	5	☻
	★ MC331-12.0A5B400C-	12		4	26	83	38	12	5	☻
 DIN 6535 HB	★ MC331-16.0W5B050C-	16		0,5	32	92	44	16	5	☻
	★ MC331-16.0W5B100C-	16		1	32	92	44	16	5	☻
	★ MC331-16.0W5B200C-	16		2	32	92	44	16	5	☻
	★ MC331-16.0W5B250C-	16		2,5	32	92	44	16	5	☻
	★ MC331-16.0W5B300C-	16		3	32	92	44	16	5	☻
	★ MC331-16.0W5B400C-	16		4	32	92	44	16	5	☻
	★ MC331-20.0W5B050C-	20		0,5	41	104	54	20	5	☻
	★ MC331-20.0W5B100C-	20		1	41	104	54	20	5	☻
	★ MC331-20.0W5B200C-	20		2	41	104	54	20	5	☻

Ordering example for the grade WK40EA: MC331-06.0A5BC-WK40EA

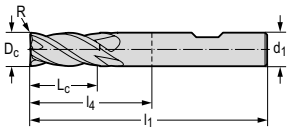
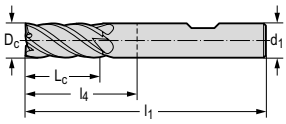
WALTER SELECT

●● Primary application ● Other application

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

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

Tool

Designation	D_c h10 mm	l_{11} mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40EA
 DIN 6535 HB									
★ MC331-20.0W5B250C-	20		2,5	41	104	54	20	5	☺
★ MC331-20.0W5B300C-	20		3	41	104	54	20	5	☺
★ MC331-20.0W5B400C-	20		4	41	104	54	20	5	☺
★ MC331-20.0W5B600C-	20		6	41	104	54	20	5	☺
 DIN 6535 HB									
★ MC331-16.0W5BC-	16	0,15		32	92	44	16	5	☺
★ MC331-20.0W5BC-	20	0,15		41	104	54	20	5	☺

Ordering example for the grade WK40EA: MC331-06.0A5BC-WK40EA

D1

WALTER SELECT

●● Primary application ● Other application

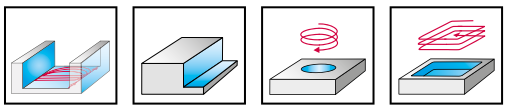
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

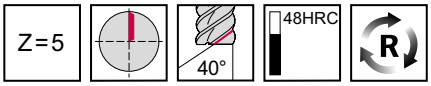
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

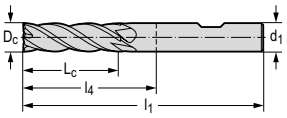
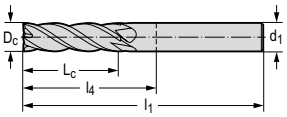
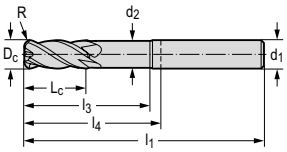
MC331 Advance mm

Xill·tec® Aero





	P	M	K	N	S	H	O
WK40EA	●	●●	●	●	●●		

Tool	Designation	D_c h10 mm	R mm	l_3 mm	L_c mm	l_1 mm	l_4 mm	d_2 mm	d_1 h5 mm	Z	WK40EA
 DIN 6535 HB	★ MC331-16.0W5LD-	16			48	115	67		16	5	☺
	★ MC331-20.0W5LD-	20			60	125	75		20	5	☺
 DIN 6535 HA	★ MC331-06.0A5LDW-	6			18	60	24		6	5	☺
	★ MC331-08.0A5LD-	8			24	75	39		8	5	☺
	★ MC331-10.0A5LD-	10			30	82	42		10	5	☺
	★ MC331-12.0A5LD-	12			36	100	55		12	5	☺
 DIN 6535 HA	★ MC331-06.0A5L050D-	6	0,5		22	65	29		6	5	☺
	★ MC331-06.0A5L080D-	6	0,8		22	65	29		6	5	☺
	★ MC331-06.0A5L100D-	6	1		22	65	29		6	5	☺
	★ MC331-08.0A5L050D-	8	0,5		28	75	39		8	5	☺
	★ MC331-08.0A5L080D-	8	0,8		28	75	39		8	5	☺
	★ MC331-08.0A5L100D-	8	1		28	75	39		8	5	☺
	★ MC331-08.0A5L200D-	8	2		28	75	39		8	5	☺
	★ MC331-10.0A5L050D-	10	0,5		32	82	42		10	5	☺
	★ MC331-10.0A5L080D-	10	0,8		32	82	42		10	5	☺
	★ MC331-10.0A5L100D-	10	1		32	82	42		10	5	☺
	★ MC331-10.0A5L150D-	10	1,5		32	82	42		10	5	☺
	★ MC331-10.0A5L200D-	10	2		32	82	42		10	5	☺
	★ MC331-10.0A5L300D-	10	3		32	82	42		10	5	☺
	★ MC331-12.0A5L050D-	12	0,5		40	100	55		12	5	☺
	★ MC331-12.0A5L080D-	12	0,8		40	100	55		12	5	☺
	★ MC331-12.0A5L100D-	12	1		40	100	55		12	5	☺
	★ MC331-12.0A5L150D-	12	1,5		40	100	55		12	5	☺
	★ MC331-12.0A5L200D-	12	2		40	100	55		12	5	☺
	★ MC331-12.0A5L250D-	12	2,5		40	100	55		12	5	☺
	★ MC331-12.0A5L300D-	12	3		40	100	55		12	5	☺
	★ MC331-12.0A5L400D-	12	4		40	100	55		12	5	☺

Ordering example for the grade WK40EA: MC331-16.0W5LD-WK40EA

D1

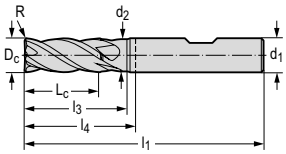
WALTER SELECT

●● Primary application ● Other application

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

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

Tool



DIN 6535 HB

Designation	D_c h10 mm	R mm	l_3 mm	L_c mm	l_1 mm	l_4 mm	d_2 mm	d_1 h5 mm	Z	WK40EA
★ MC331-16.0W5L050D-	16	0,5	65	50	115	67	15,2	16	5	☹
★ MC331-16.0W5L100D-	16	1	65	50	115	67	15,2	16	5	☹
★ MC331-16.0W5L200D-	16	2	65	50	115	67	15,2	16	5	☹
★ MC331-16.0W5L250D-	16	2,5	65	50	115	67	15,2	16	5	☹
★ MC331-16.0W5L300D-	16	3	65	50	115	67	15,2	16	5	☹
★ MC331-16.0W5L400D-	16	4	65	50	115	67	15,2	16	5	☹
★ MC331-16.0W5L600D-	16	6	65	50	115	67	15,2	16	5	☹
★ MC331-20.0W5L050D-	20	0,5	65	55	125	75	19	20	5	☹
★ MC331-20.0W5L100D-	20	1	73	55	125	75	19	20	5	☹
★ MC331-20.0W5L200D-	20	2	73	55	125	75	19	20	5	☹
★ MC331-20.0W5L250D-	20	2,5	73	55	125	75	19	20	5	☹
★ MC331-20.0W5L300D-	20	3	73	55	125	75	19	20	5	☹
★ MC331-20.0W5L400D-	20	4	73	55	125	75	19	20	5	☹
★ MC331-20.0W5L600D-	20	6	73	55	125	75	19	20	5	☹
★ MC331-25.0W5L050D-	25	0,5	90	90	153	97		25	5	☹
★ MC331-25.0W5L100D-	25	1	90	90	153	97		25	5	☹
★ MC331-25.0W5L200D-	25	2	90	90	153	97		25	5	☹
★ MC331-25.0W5L250D-	25	2,5	90	90	153	97		25	5	☹
★ MC331-25.0W5L300D-	25	3	90	90	153	97		25	5	☹
★ MC331-25.0W5L400D-	25	4	90	90	153	97		25	5	☹
★ MC331-25.0W5L600D-	25	6	90	90	153	97		25	5	☹

Ordering example for the grade WK40EA: MC331-16.0W5LD-WK40EA

D1

WALTER SELECT

●● Primary application ● Other application

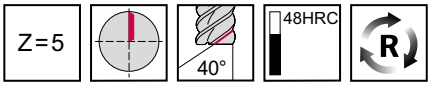
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

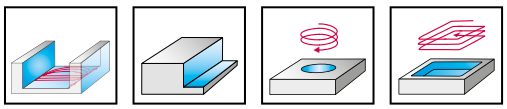
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

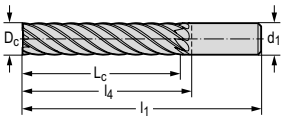
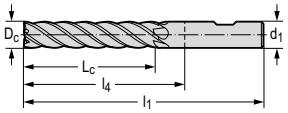
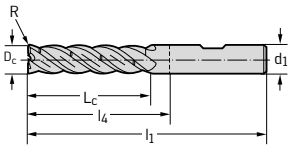
MC331 Advance mm

Xill·tec® Aero





	P	M	K	N	S	H	O
WK40EA	●	●●	●	●	●●		

Tool	Designation	D_c h10 mm	R mm	l_3 mm	L_c mm	l_1 mm	l_4 mm	d_2 mm	d_1 h5 mm	Z	WK40EA
 DIN 6535 HA	★ MC331-08.0A5XL-	8			40	90	54		8	5	☹
	★ MC331-10.0A5XL-	10			50	100	60		10	5	☹
	★ MC331-12.0A5XL-	12			60	120	75		12	5	☹
 DIN 6535 HB	★ MC331-16.0W5XL-	16			80	145	97		16	5	☹
	★ MC331-20.0W5XL-	20			100	170	120		20	5	☹
 DIN 6535 HB	★ MC331-16.0W5X050E-	16	0,5	95	80	145	97	15,2	16	5	☹
	★ MC331-16.0W5X100E-	16	1	95	80	145	97	15,2	16	5	☹
	★ MC331-16.0W5X250E-	16	2,5	95	80	145	97	15,2	16	5	☹
	★ MC331-16.0W5X300E-	16	3	95	80	145	97	15,2	16	5	☹
	★ MC331-16.0W5X400E-	16	4	95	80	145	97	15,2	16	5	☹
	★ MC331-20.0W5X400E-	20	4	118	100	170	120	19	20	5	☹
	★ MC331-25.0W5X100E-	25	1	125	125	188	132		25	5	☹
	★ MC331-25.0W5X400E-	25	4	125	125	188	132		25	5	☹
	★ MC331-25.0W5X600E-	25	6	125	125	188	132		25	5	☹

Ordering example for the grade WK40EA: MC331-08.0A5XL-WK40EA

D1

WALTER SELECT

●● Primary application ● Other application

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

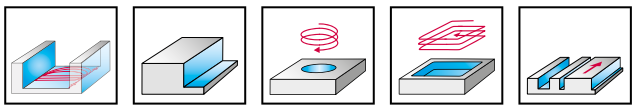
New addition to the product range = ☺ 😐 ☹ / ★

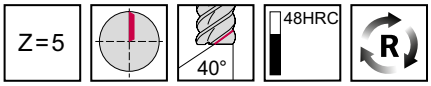
Solid carbide shoulder milling cutters

MC333 Advance mm

Xill·tec® Aero

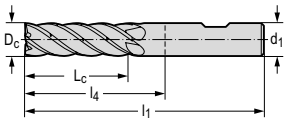
– Chip breaker





	P	M	K	N	S	H	O
WK40EA	●	●●	●	●	●●		

Tool



DIN 6535 HB

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40EA
★ MC333-06.0W5BC-	6	0,1	13	57	21	6	5	☹
★ MC333-08.0W5BC-	8	0,1	19	63	27	8	5	☹
★ MC333-10.0W5BC-	10	0,1	22	72	32	10	5	☹
★ MC333-12.0W5BC-	12	0,1	26	83	38	12	5	☹
★ MC333-16.0W5BC-	16	0,15	32	92	44	16	5	☹
★ MC333-20.0W5BC-	20	0,15	41	104	54	20	5	☹

Ordering example for the grade WK40EA: MC333-06.0W5BC-WK40EA

D1

WALTER SELECT

●● Primary application ● Other application

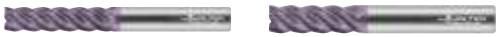
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

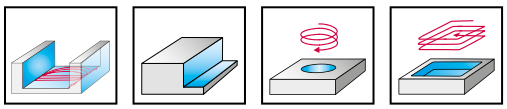
Solid carbide shoulder milling cutters

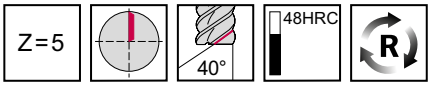
MC333 Advance mm

Xill·tec® Aero

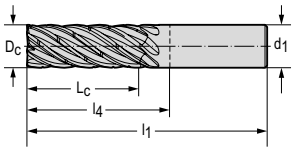
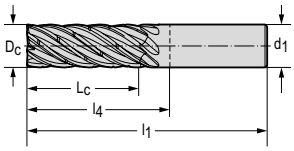
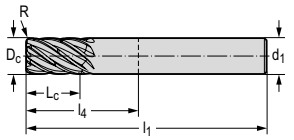
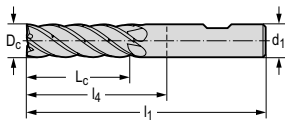


– Chip breaker





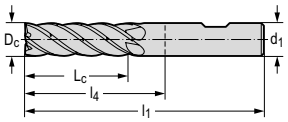
	P	M	K	N	S	H	O
WK40EA	●	●●	●	●	●●		

Tool	Designation	D_c h10 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40EA
 DIN 6535 HA	★ MC333-06.0A5LD-	6		18	60	24	6	5	☺
	★ MC333-08.0A5LD-	8		24	75	39	8	5	☺
	★ MC333-10.0A5LD-	10		30	82	42	10	5	☺
	★ MC333-12.0A5LD-	12		36	96	51	12	5	☺
 DIN 6535 HA	★ MC333-06.0A5LK-	6		25	70	34	6	5	☺
	★ MC333-08.0A5LK-	8		34	80	44	8	5	☺
	★ MC333-10.0A5LK-	10		42	90	50	10	5	☺
	★ MC333-12.0A5LK-	12		50	110	65	12	5	☺
 DIN 6535 HA	★ MC333-06.0A5L050D-	6	0,5	22	65	29	6	5	☺
	★ MC333-06.0A5L080D-	6	0,8	22	65	29	6	5	☺
	★ MC333-06.0A5L100D-	6	1	22	65	29	6	5	☺
	★ MC333-08.0A5L050D-	8	0,5	28	75	39	8	5	☺
	★ MC333-08.0A5L080D-	8	0,8	28	75	39	8	5	☺
	★ MC333-08.0A5L100D-	8	1	28	75	39	8	5	☺
	★ MC333-08.0A5L200D-	8	2	28	75	39	8	5	☺
	★ MC333-10.0A5L050D-	10	0,5	32	82	42	10	5	☺
	★ MC333-10.0A5L080D-	10	0,8	32	82	42	10	5	☺
	★ MC333-10.0A5L100D-	10	1	32	82	42	10	5	☺
	★ MC333-10.0A5L150D-	10	1,5	32	82	42	10	5	☺
	★ MC333-10.0A5L200D-	10	2	32	82	42	10	5	☺
	★ MC333-10.0A5L300D-	10	3	32	82	42	10	5	☺
	★ MC333-12.0A5L050D-	12	0,5	40	100	55	12	5	☺
	★ MC333-12.0A5L080D-	12	0,8	40	100	55	12	5	☺
	★ MC333-12.0A5L100D-	12	1	40	100	55	12	5	☺
	★ MC333-12.0A5L150D-	12	1,5	40	100	55	12	5	☺
	★ MC333-12.0A5L200D-	12	2	40	100	55	12	5	☺
	★ MC333-12.0A5L250D-	12	2,5	40	100	55	12	5	☺
	★ MC333-12.0A5L300D-	12	3	40	100	55	12	5	☺
	★ MC333-12.0A5L400D-	12	4	40	100	55	12	5	☺
 DIN 6535 HB	★ MC333-16.0W5LD-	16		48	115	67	16	5	☺
	★ MC333-20.0W5LD-	20		60	125	75	20	5	☺

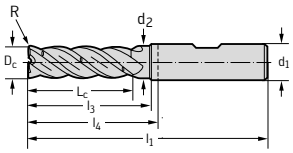
Ordering example for the grade WK40EA: MC333-06.0A5LD-WK40EA

D1

Tool



DIN 6535 HB



DIN 6535 HB

Designation	D_c h10 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40EA
★ MC333-16.0W5LK-	16		66	125	77	16	5	☺
★ MC333-20.0W5LK-	20		83	145	95	20	5	☺
★ MC333-16.0W5L050D-	16	0,5	50	115	67	16	5	☺
★ MC333-16.0W5L100D-	16	1	50	115	67	16	5	☺
★ MC333-16.0W5L200D-	16	2	50	115	67	16	5	☺
★ MC333-16.0W5L250D-	16	2,5	50	115	67	16	5	☺
★ MC333-16.0W5L300D-	16	3	50	115	67	16	5	☺
★ MC333-16.0W5L400D-	16	4	50	115	67	16	5	☺
★ MC333-16.0W5L600D-	16	6	50	115	67	16	5	☺
★ MC333-20.0W5L050D-	20	0,5	55	125	75	20	5	☺
★ MC333-20.0W5L100D-	20	1	55	125	75	20	5	☺
★ MC333-20.0W5L200D-	20	2	55	125	75	20	5	☺
★ MC333-20.0W5L250D-	20	2,5	55	125	75	20	5	☺
★ MC333-20.0W5L300D-	20	3	55	125	75	20	5	☺
★ MC333-20.0W5L400D-	20	4	55	125	75	20	5	☺
★ MC333-20.0W5L600D-	20	6	55	125	75	20	5	☺
★ MC333-25.0W5L050D-	25	0,5	90	153	97	25	5	☺
★ MC333-25.0W5L100D-	25	1	90	153	97	25	5	☺
★ MC333-25.0W5L200D-	25	2	90	153	97	25	5	☺
★ MC333-25.0W5L250D-	25	2,5	90	153	97	25	5	☺
★ MC333-25.0W5L300D-	25	3	90	153	97	25	5	☺
★ MC333-25.0W5L400D-	25	4	90	153	97	25	5	☺
★ MC333-25.0W5L600D-	25	6	90	153	97	25	5	☺

Ordering example for the grade WK40EA: MC333-06.0A5LD-WK40EA

D1

WALTER SELECT

●● Primary application ● Other application

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

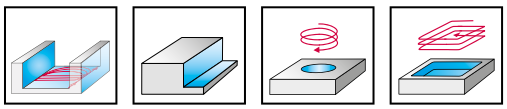
☺ 😐 ☹ / ★ = New addition to the product range

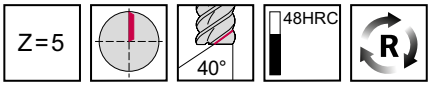
Solid carbide shoulder milling cutters

MC333 Advance mm

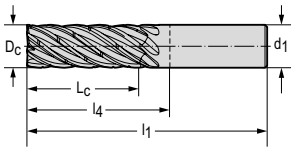
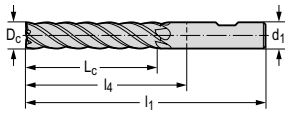
Xill·tec® Aero

– Chip breaker





	P	M	K	N	S	H	O
WK40EA	●	●●	●	●	●●		

Tool	Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40EA
 DIN 6535 HA	★ MC333-08.0A5XL-	8	40	90	54	8	5	☺
	★ MC333-10.0A5XL-	10	50	100	60	10	5	☺
	★ MC333-12.0A5XL-	12	60	120	75	12	5	☺
 DIN 6535 HB	★ MC333-16.0W5XL-	16	80	145	97	16	5	☺
	★ MC333-20.0W5XL-	20	100	170	120	20	5	☺

Ordering example for the grade WK40EA: MC333-08.0A5XL-WK40EA

D1

WALTER SELECT

●● Primary application ● Other application

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

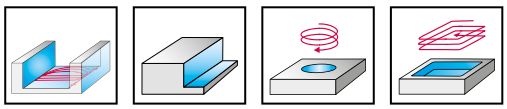
New addition to the product range = ☺ 😐 ☹ / ★

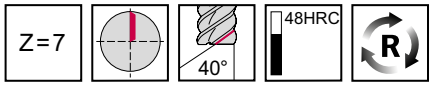
Solid carbide shoulder/slot milling cutters

MC331 Advance mm

Xill·tec® Aero

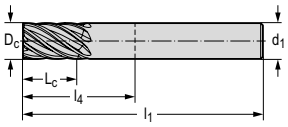
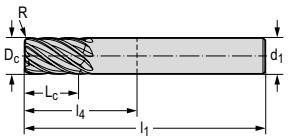
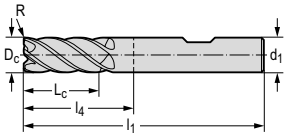
– Long reach





	P	M	K	N	S	H	O
WK40EA	●	●●	●	●	●●		

Tool

	Designation	D_c h10 mm	l_{11} mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40EA
 DIN 6535 HA	★ MC331-06.0A7BC-	6	0,1		13	57	21	6	7	☺
	★ MC331-08.0A7BC-	8	0,1		19	63	27	8	7	☺
	★ MC331-10.0A7BC-	10	0,1		22	72	32	10	7	☺
	★ MC331-12.0A7BC-	12	0,1		26	83	38	12	7	☺
	★ MC331-16.0A7BC-	16	0,15		32	92	44	16	7	☺
	★ MC331-20.0A7BC-	20	0,15		41	104	54	20	7	☺
 DIN 6535 HA	★ MC331-06.0A7B050C-	6		0,5	13	57	21	6	7	☺
	★ MC331-06.0A7B080C-	6		0,8	13	57	21	6	7	☺
	★ MC331-06.0A7B100C-	6		1	13	57	21	6	7	☺
	★ MC331-08.0A7B050C-	8		0,5	19	63	27	8	7	☺
	★ MC331-08.0A7B080C-	8		0,8	19	63	27	8	7	☺
	★ MC331-08.0A7B100C-	8		1	19	63	27	8	7	☺
	★ MC331-08.0A7B200C-	8		2	19	63	27	8	7	☺
	★ MC331-10.0A7B050C-	10		0,5	22	72	32	10	7	☺
	★ MC331-10.0A7B080C-	10		0,8	22	72	32	10	7	☺
	★ MC331-10.0A7B100C-	10		1	22	72	32	10	7	☺
	★ MC331-10.0A7B150C-	10		1,5	22	72	32	10	7	☺
	★ MC331-10.0A7B200C-	10		2	22	72	32	10	7	☺
	★ MC331-10.0A7B300C-	10		3	22	72	32	10	7	☺
	★ MC331-12.0A7B050C-	12		0,5	26	83	38	12	7	☺
	★ MC331-12.0A7B080C-	12		0,8	26	83	38	12	7	☺
	★ MC331-12.0A7B100C-	12		1	26	83	38	12	7	☺
	★ MC331-12.0A7B150C-	12		1,5	26	83	38	12	7	☺
	★ MC331-12.0A7B200C-	12		2	26	83	38	12	7	☺
	★ MC331-12.0A7B250C-	12		2,5	26	83	38	12	7	☺
	★ MC331-12.0A7B300C-	12		3	26	83	38	12	7	☺
	★ MC331-12.0A7B400C-	12		4	26	83	38	12	7	☺
 DIN 6535 HB	★ MC331-16.0W7B050C-	16		0,5	32	92	44	16	7	☺
	★ MC331-16.0W7B100C-	16		1	32	92	44	16	7	☺
	★ MC331-16.0W7B200C-	16		2	32	92	44	16	7	☺
	★ MC331-16.0W7B250C-	16		2,5	32	92	44	16	7	☺
	★ MC331-16.0W7B300C-	16		3	32	92	44	16	7	☺
	★ MC331-16.0W7B400C-	16		4	32	92	44	16	7	☺
	★ MC331-20.0W7B050C-	20		0,5	41	104	54	20	7	☺
	★ MC331-20.0W7B100C-	20		1	41	104	54	20	7	☺
	★ MC331-20.0W7B200C-	20		2	41	104	54	20	7	☺

Ordering example for the grade WK40EA: MC331-06.0A7BC-WK40EA

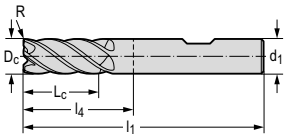
WALTER SELECT

●● Primary application ● Other application

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

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

Tool



DIN 6535 HB

Designation	D_c h10 mm	l_{11} mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40EA
★ MC331-20.0W7B250C-	20		2,5	41	104	54	20	7	☹
★ MC331-20.0W7B300C-	20		3	41	104	54	20	7	☹
★ MC331-20.0W7B400C-	20		4	41	104	54	20	7	☹
★ MC331-20.0W7B600C-	20		6	41	104	54	20	7	☹

Ordering example for the grade WK40EA: MC331-06.0A7BC-WK40EA

D1

WALTER SELECT

●● Primary application ● Other application

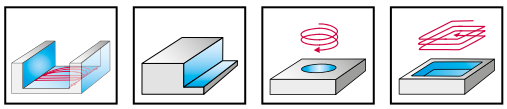
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

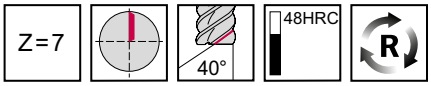
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MC331 Advance mm

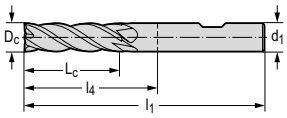
Xill·tec® Aero



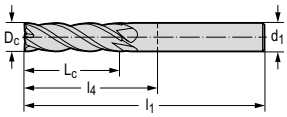


	P	M	K	N	S	H	O
WK40EA	●	●●	●	●	●●		

Tool



DIN 6535 HB



DIN 6535 HA

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40EA
★ MC331-16.0W7LD-	16	48	115	67	16	7	☺
★ MC331-20.0W7LD-	20	60	125	75	20	7	☺
★ MC331-06.0A7LD-	6	18	60	24	6	7	☺
★ MC331-08.0A7LD-	8	24	75	39	8	7	☺
★ MC331-10.0A7LD-	10	30	82	42	10	7	☺
★ MC331-12.0A7LD-	12	36	96	51	12	7	☺

Ordering example for the grade WK40EA: MC331-16.0W7LD-WK40EA

D1

WALTER SELECT

●● Primary application ● Other application

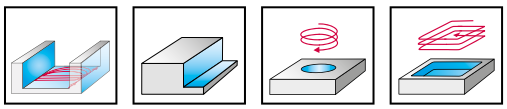
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

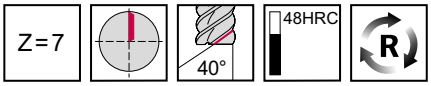
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MC331 Advance mm

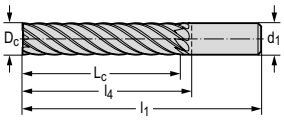
Xill·tec® Aero





	P	M	K	N	S	H	O
WK40EA	●	●●	●	●	●●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40EA
★ MC331-08.0A7XL-	8	40	90	54	8	7	☹
★ MC331-10.0A7XL-	10	50	100	60	10	7	☹
★ MC331-12.0A7XL-	12	60	120	75	12	7	☹
★ MC331-16.0A7XL-	16	80	145	97	16	7	☹
★ MC331-20.0A7XL-	20	100	170	120	20	7	☹

Ordering example for the grade WK40EA: MC331-08.0A7XL-WK40EA

D1

WALTER SELECT

●● Primary application ● Other application

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

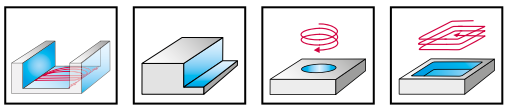
New addition to the product range = ☺ 😐 ☹ / ★

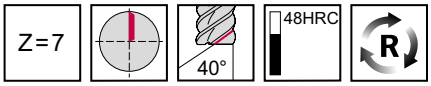
Solid carbide shoulder milling cutters

MC333 Advance mm

Xill·tec® Aero

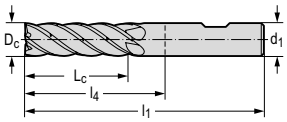
– Chip breaker





	P	M	K	N	S	H	O
WK40EA	●	●●	●	●	●●		

Tool



DIN 6535 HB

Designation	D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40EA
★ MC333-06.0W7BC-	6	0,1	13	57	21	6	7	☹
★ MC333-08.0W7BC-	8	0,1	19	63	27	8	7	☹
★ MC333-10.0W7BC-	10	0,1	22	72	32	10	7	☹
★ MC333-12.0W7BC-	12	0,1	26	83	38	12	7	☹
★ MC333-16.0W7BC-	16	0,15	32	92	44	16	7	☹
★ MC333-20.0W7BC-	20	0,15	41	104	54	20	7	☹

Ordering example for the grade WK40EA: MC333-06.0W7BC-WK40EA

D1

WALTER SELECT

●● Primary application ● Other application

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

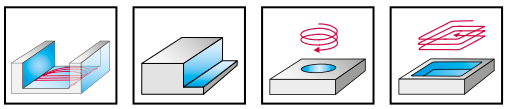
☺ 😐 ☹ / ★ = New addition to the product range

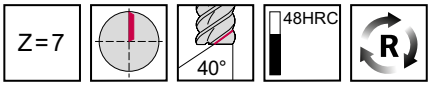
Solid carbide shoulder milling cutters

MC333 Advance mm

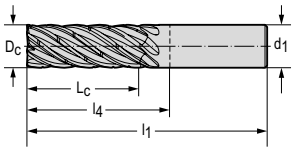
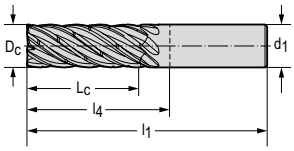
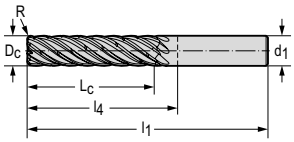
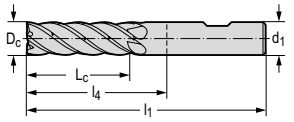
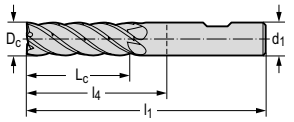
Xill·tec® Aero

– Chip breaker





	P	M	K	N	S	H	O
WK40EA	●	●●	●	●	●●		

Tool	Designation	D_c h10 mm	R mm	l_3 mm	L_c mm	l_1 mm	l_4 mm	d_2 mm	d_1 h5 mm	Z	WK40EA
 DIN 6535 HA	★ MC333-06.0A7LD-	6			18	60	24		6	7	☺
	★ MC333-08.0A7LD-	8			24	75	39		8	7	☺
	★ MC333-10.0A7LD-	10			30	82	42		10	7	☺
	★ MC333-12.0A7LD-	12			36	96	51		12	7	☺
 DIN 6535 HA	★ MC333-06.0A7LK-	6			25	70	34		6	7	☺
	★ MC333-08.0A7LK-	8			34	80	44		8	7	☺
	★ MC333-10.0A7LK-	10			42	90	50		10	7	☺
	★ MC333-12.0A7LK-	12			50	110	65		12	7	☺
 DIN 6535 HA	★ MC333-06.0A7L050D-	6	0,5		22	65	29		6	7	☺
	★ MC333-06.0A7L100D-	6	1		22	65	29		6	7	☺
	★ MC333-08.0A7L050D-	8	0,5		28	75	39		8	7	☺
	★ MC333-08.0A7L100D-	8	1		28	75	39		8	7	☺
	★ MC333-10.0A7L050D-	10	0,5		32	82	42		10	7	☺
	★ MC333-10.0A7L100D-	10	1		32	82	42		10	7	☺
	★ MC333-10.0A7L200D-	10	2		32	82	42		10	7	☺
	★ MC333-12.0A7L050D-	12	0,5		40	100	55		12	7	☺
	★ MC333-12.0A7L100D-	12	1		40	100	55		12	7	☺
	★ MC333-12.0A7L200D-	12	2		40	100	55		12	7	☺
	★ MC333-12.0A7L300D-	12	3		40	100	55		12	7	☺
	★ MC333-12.0A7L400D-	12	4		40	100	55		12	7	☺
 DIN 6535 HB	★ MC333-16.0W7LD-	16			48	115	67		16	7	☺
	★ MC333-20.0W7LD-	20			60	125	75		20	7	☺
 DIN 6535 HB	★ MC333-16.0W7LK-	16			66	125	77		16	7	☺
	★ MC333-20.0W7LK-	20			83	145	95		20	7	☺

Ordering example for the grade WK40EA: MC333-06.0A7LD-WK40EA

D1

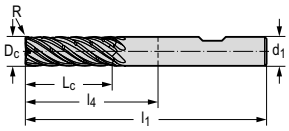
WALTER SELECT

●● Primary application ● Other application

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

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

Tool



DIN 6535 HB

Designation	D_c h10 mm	R mm	l_3 mm	L_c mm	l_1 mm	l_4 mm	d_2 mm	d_1 h5 mm	Z	WK40EA
★ MC333-16.0W7L050D-	16	0,5	65	50	115	67	15,2	16	7	☹
★ MC333-16.0W7L100D-	16	1	65	50	115	67	15,2	16	7	☹
★ MC333-16.0W7L200D-	16	2	65	50	115	67	15,2	16	7	☹
★ MC333-16.0W7L300D-	16	3	65	50	115	67	15,2	16	7	☹
★ MC333-16.0W7L400D-	16	4	65	50	115	67	15,2	16	7	☹
★ MC333-20.0W7L050D-	20	0,5	65	55	125	75	19	20	7	☹
★ MC333-20.0W7L200D-	20	2	73	55	125	75	19	20	7	☹
★ MC333-20.0W7L300D-	20	3	73	55	125	75	19	20	7	☹
★ MC333-20.0W7L400D-	20	4	73	55	125	75	19	20	7	☹
★ MC333-25.0W7L050D-	25	0,5	90	90	153	97		25	7	☹
★ MC333-25.0W7L200D-	25	2	90	90	153	97		25	7	☹
★ MC333-25.0W7L300D-	25	3	90	90	153	97		25	7	☹
★ MC333-25.0W7L400D-	25	4	90	90	153	97		25	7	☹
★ MC333-25.0W7L600D-	25	6	90	90	153	97		25	7	☹

Ordering example for the grade WK40EA: MC333-06.0A7LD-WK40EA

D1

WALTER SELECT

●● Primary application ● Other application

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

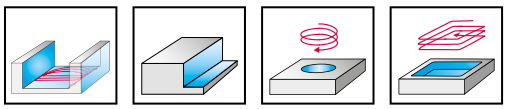
☺ 😐 ☹ / ★ = New addition to the product range

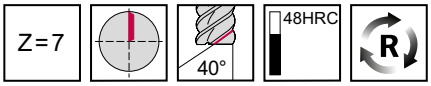
Solid carbide shoulder milling cutters

MC333 Advance mm

Xill·tec® Aero

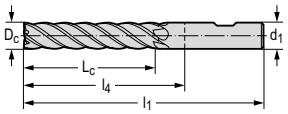
– Chip breaker





	P	M	K	N	S	H	O
WK40EA	●	●●	●	●	●●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40EA
★ MC333-08.0A7XL-	8	40	90	54	8	7	☹
★ MC333-10.0A7XL-	10	50	100	60	10	7	☹
★ MC333-12.0A7XL-	12	60	120	75	12	7	☹
★ MC333-16.0W7XL-	16	80	145	97	16	7	☹
★ MC333-20.0W7XL-	20	100	170	120	20	7	☹

Ordering example for the grade WK40EA: MC333-08.0A7XL-WK40EA

D1

WALTER SELECT

●● Primary application ● Other application

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

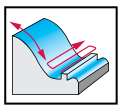
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide mini ball-nose copy milling cutters

MD480 Advance mm

Xill·tec®

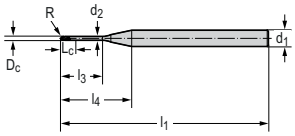
– Long reach



Z=2 | 30° | 63HRC 48HRC

	P	M	K	N	S	H	O
WB10TS						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 h5 mm	Z	WB10TS
★ MD480-00.4A2MA-	0,4	0,2	0,3	0,6	17	45	0,36	4	2	☺
★ MD480-00.4A2MB-	0,4	0,2	0,3	1	17	45	0,36	4	2	☺
★ MD480-00.4A2MC-	0,4	0,2	0,3	1,2	17	45	0,36	4	2	☺
★ MD480-00.4A2ME-	0,4	0,2	0,3	2	17	45	0,36	4	2	☺
★ MD480-00.4A2MF-	0,4	0,2	0,3	3	17	45	0,36	4	2	☺
★ MD480-00.4A2MH-	0,4	0,2	0,3	4	17	45	0,36	4	2	☺
★ MD480-00.4A2MI-	0,4	0,2	0,3	5	17	45	0,36	4	2	☺
★ MD480-00.5A2MA-	0,5	0,25	0,35	0,75	17	45	0,46	4	2	☺
★ MD480-00.5A2MB-	0,5	0,25	0,35	1,25	17	45	0,46	4	2	☺
★ MD480-00.5A2MC-	0,5	0,25	0,35	1,5	17	45	0,46	4	2	☺
★ MD480-00.5A2ME-	0,5	0,25	0,35	2,5	17	45	0,46	4	2	☺
★ MD480-00.5A2MF-	0,5	0,25	0,35	3	17	45	0,46	4	2	☺
★ MD480-00.5A2MG-	0,5	0,25	0,35	4	17	45	0,46	4	2	☺
★ MD480-00.5A2MH-	0,5	0,25	0,35	5	17	45	0,46	4	2	☺
★ MD480-00.5A2MI-	0,5	0,25	0,35	6	17	45	0,46	4	2	☺
★ MD480-00.5A2MJ-	0,5	0,25	0,35	8	17	45	0,46	4	2	☺
★ MD480-00.6A2MA-	0,6	0,3	0,4	0,9	17	45	0,56	4	2	☺
★ MD480-00.6A2MB-	0,6	0,3	0,4	1,5	17	45	0,56	4	2	☺
★ MD480-00.6A2MC-	0,6	0,3	0,4	1,8	17	45	0,56	4	2	☺
★ MD480-00.6A2ME-	0,6	0,3	0,4	3	17	45	0,56	4	2	☺
★ MD480-00.6A2MF-	0,6	0,3	0,4	4,5	17	45	0,56	4	2	☺
★ MD480-00.6A2MG-	0,6	0,3	0,4	5	17	45	0,56	4	2	☺
★ MD480-00.6A2MH-	0,6	0,3	0,4	6	17	45	0,56	4	2	☺
★ MD480-00.6A2MI-	0,6	0,3	0,4	8	17	45	0,56	4	2	☺
★ MD480-00.6A2MK-	0,6	0,3	0,4	12	22	50	0,56	4	2	☺
★ MD480-00.8A2MA-	0,8	0,4	0,5	1,2	17	45	0,76	4	2	☺
★ MD480-00.8A2MB-	0,8	0,4	0,5	2	17	45	0,76	4	2	☺
★ MD480-00.8A2MC-	0,8	0,4	0,5	2,4	17	45	0,76	4	2	☺
★ MD480-00.8A2ME-	0,8	0,4	0,5	4	17	45	0,76	4	2	☺
★ MD480-00.8A2MF-	0,8	0,4	0,5	6	17	45	0,76	4	2	☺
★ MD480-00.8A2MH-	0,8	0,4	0,5	8	17	45	0,76	4	2	☺
★ MD480-00.8A2MJ-	0,8	0,4	0,5	12	19,7	45	0,76	4	2	☺
★ MD480-01.0A2MA-	1	0,5	0,8	1,5	17	45	0,96	4	2	☺
★ MD480-01.0A2MB-	1	0,5	0,8	2,5	17	45	0,96	4	2	☺
★ MD480-01.0A2MC-	1	0,5	0,8	3	17	45	0,96	4	2	☺
★ MD480-01.0A2ME-	1	0,5	0,8	5	17	45	0,96	4	2	☺

Ordering example for the grade WB10TS: MD480-00.4A2MA-WB10TS

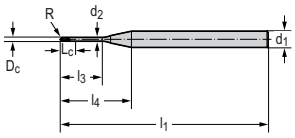
WALTER SELECT

●● Primary application ● Other application

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

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

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 h5 mm	Z	WB10TS
★ MD480-01.0A2MF-	1	0,5	0,8	6	17	45	0,96	4	2	
★ MD480-01.0A2MG-	1	0,5	0,8	8	17	45	0,96	4	2	
★ MD480-01.0A2MH-	1	0,5	0,8	10	22	50	0,96	4	2	
★ MD480-01.0A2MI-	1	0,5	0,8	12	22	50	0,96	4	2	
★ MD480-01.0A2MJ-	1	0,5	0,8	16	27	55	0,96	4	2	
★ MD480-01.0A2MK-	1	0,5	0,8	20	32	60	0,96	4	2	
★ MD480-01.2A2MA-	1,2	0,6	1,1	1,8	17	45	1,16	4	2	
★ MD480-01.2A2MC-	1,2	0,6	1,1	3,6	17	45	1,16	4	2	
★ MD480-01.2A2ME-	1,2	0,6	1,1	6	17	45	1,16	4	2	
★ MD480-01.2A2MH-	1,2	0,6	1,1	12	22	50	1,16	4	2	
★ MD480-01.5A2MA-	1,5	0,75	1,35	2,25	17	45	1,46	4	2	
★ MD480-01.5A2MB-	1,5	0,75	1,35	4	17	45	1,46	4	2	
★ MD480-01.5A2MC-	1,5	0,75	1,35	4,5	17	45	1,46	4	2	
★ MD480-01.5A2ME-	1,5	0,75	1,35	8	17	45	1,46	4	2	
★ MD480-01.5A2MG-	1,5	0,75	1,35	12	22	50	1,46	4	2	
★ MD480-01.5A2MH-	1,5	0,75	1,35	16	22	50	1,46	4	2	
★ MD480-01.5A2MI-	1,5	0,75	1,35	20	27	55	1,46	4	2	
★ MD480-02.0A2MA-	2	1	1,7	3	14	50	1,96	6	2	
★ MD480-02.0A2MB-	2	1	1,7	5	14,6	50	1,96	6	2	
★ MD480-02.0A2MC-	2	1	1,7	6	15,6	50	1,96	6	2	
★ MD480-02.0A2MD-	2	1	1,7	8	17,6	50	1,96	6	2	
★ MD480-02.0A2ME-	2	1	1,7	10	19,6	50	1,96	6	2	
★ MD480-02.0A2MF-	2	1	1,7	12	21,6	50	1,96	6	2	
★ MD480-02.0A2MG-	2	1	1,7	16	25,6	50	1,96	6	2	
★ MD480-02.0A2MH-	2	1	1,7	20	29,6	55	1,96	6	2	
★ MD480-02.0A2MI-	2	1	1,7	25	34,6	60	1,96	6	2	
★ MD480-02.0A2MJ-	2	1	1,7	30	39,6	65	1,96	6	2	
★ MD480-02.0A2MK-	2	1	1,7	40	49,6	75	1,96	6	2	
★ MD480-02.5A2MA-	2,5	1,25	2,2	3,75	14	50	2,46	6	2	
★ MD480-02.5A2MB-	2,5	1,25	2,2	6	14,4	50	2,46	6	2	
★ MD480-02.5A2MC-	2,5	1,25	2,2	7,5	15,9	50	2,46	6	2	
★ MD480-02.5A2ME-	2,5	1,25	2,2	12,5	20,9	50	2,46	6	2	
★ MD480-02.5A2MF-	2,5	1,25	2,2	15	23,4	50	2,46	6	2	
★ MD480-02.5A2MG-	2,5	1,25	2,2	20	28,4	55	2,46	6	2	
★ MD480-02.5A2MI-	2,5	1,25	2,2	30	38,4	65	2,46	6	2	
★ MD480-03.0A2MB-	3	1,5	2,4	7,5	14,7	50	2,96	6	2	
★ MD480-03.0A2ME-	3	1,5	2,4	15	22,2	50	2,96	6	2	
★ MD480-03.0A2MF-	3	1,5	2,4	22,5	29,7	50	2,96	6	2	
★ MD480-03.0A2MH-	3	1,5	2,4	30	37,2	65	2,96	6	2	
★ MD480-03.0A2MI-	3	1,5	2,4	36	43,2	70	2,96	6	2	

Ordering example for the grade WB10TS: MD480-00.4A2MA-WB10TS

D1

WALTER SELECT

●● Primary application ● Other application

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

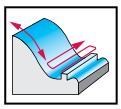
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide ball-nose copy milling cutters

MD480 Advance mm

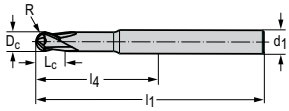
Xill·tec®

Z=2 | 30° | 63HRC 48HRC



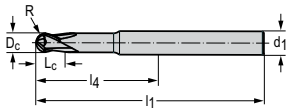
	P	M	K	N	S	H	O
WB10TS						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_4 mm	l_1 mm	d_1 h5 mm	Z	WB10TS
★ MD480-03.0A2B-	3	1,5	4,5	21	57	6	2	☺
★ MD480-04.0A2B-	4	2	6	21	57	6	2	☺
★ MD480-05.0A2B-	5	2,5	7,5	21	57	6	2	☺
★ MD480-05.0A2BD-	5	2,5	5	21	57	6	2	☺
★ MD480-06.0A2B-	6	3	6	21	57	6	2	☺
★ MD480-06.0A2BD-	6	3	6	29	65	6	2	☺
★ MD480-08.0A2B-	8	4	8	27	63	8	2	☺
★ MD480-08.0A2BD-	8	4	8	36	72	8	2	☺
★ MD480-10.0A2B-	10	5	10	32	72	10	2	☺
★ MD480-10.0A2BD-	10	5	10	43	83	10	2	☺
★ MD480-12.0A2B-	12	6	12	38	83	12	2	☺
★ MD480-12.0A2BC-	12	6	12	38	83	12	2	☺
★ MD480-16.0A2BC-	16	8	16	44	92	16	2	☺



DIN 6535 HA

★ MD480-03.0A2L-	3	1,5	4,5	44	80	6	2	☺
★ MD480-04.0A2L-	4	2	6	44	80	6	2	☺
★ MD480-05.0A2L-	5	2,5	7,5	44	80	6	2	☺
★ MD480-06.0A2L-	6	3	6	44	80	6	2	☺
★ MD480-08.0A2L-	8	4	8	64	100	8	2	☺
★ MD480-10.0A2L-	10	5	10	60	100	10	2	☺
★ MD480-12.0A2L-	12	6	12	55	100	12	2	☺
★ MD480-16.0A2L-	16	8	16	77	125	16	2	☺

Ordering example for the grade WB10TS: MD480-03.0A2B-WB10TS

D1

WALTER SELECT

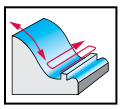
●● Primary application ● Other application

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

Solid carbide ball-nose copy milling cutters

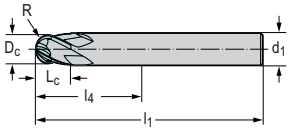
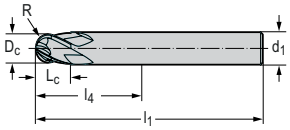
MD480 Advance mm

Xill·tec®



Z=4 | 30° | 63HRC 48HRC | R

	P	M	K	N	S	H	O
WB10TS						●●	

Tool	Designation	D_c h7 mm	R mm	L_c mm	l_4 mm	l_1 mm	d_1 h5 mm	Z	WB10TS
 DIN 6535 HA	★ MD480-06.0A4B-	6	3	6	21	57	6	4	☺
	★ MD480-06.0A4BD-	6	3	6	27	63	8	4	☺
	★ MD480-08.0A4B-	8	4	8	27	63	8	4	☺
	★ MD480-08.0A4BD-	8	4	8	32	72	10	4	☺
	★ MD480-10.0A4B-	10	5	10	32	72	10	4	☺
	★ MD480-10.0A4BD-	10	5	10	38	83	12	4	☺
	★ MD480-12.0A4B-	12	6	12	38	83	12	4	☺
	★ MD480-12.0A4BC-	12	6	12	38	83	12	4	☺
	★ MD480-16.0A4BB-	16	8	16	44	92	16	4	☺
 DIN 6535 HA	★ MD480-06.0A4L-	6	3	6	44	80	6	4	☺
	★ MD480-08.0A4L-	8	4	8	64	100	8	4	☺
	★ MD480-10.0A4L-	10	5	10	60	100	10	4	☺
	★ MD480-12.0A4L-	12	6	12	55	100	12	4	☺
	★ MD480-16.0A4L-	16	8	16	77	125	16	4	☺

Ordering example for the grade WB10TS: MD480-06.0A4B-WB10TS

D1

WALTER SELECT

●● Primary application ● Other application

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

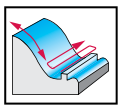
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide ball-nose copy milling cutters

MD480 Advance mm

Xill·tec®

– Long reach

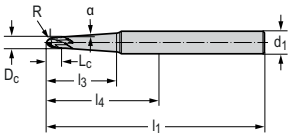


Z=2 | 30° | 63HRC 48HRC | R

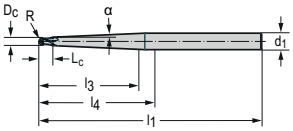
	P	M	K	N	S	H	O
WB10TS						●●	

Tool

Designation	D_c h7 mm	R mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_1 h5 mm	Z	WB10TS
★ MD480-01.0A2BV-	1	0,5	1	17,55	21	57	6	2	☹
★ MD480-01.0A2BW-	1	0,5	1	17,55	21	57	6	2	☹
★ MD480-01.5A2BV-	1,5	0,75	1,5	17,55	21	57	6	2	☹
★ MD480-01.5A2BW-	1,5	0,75	1,5	17,9	21	57	6	2	☹
★ MD480-02.0A2BV-	2	1	2	18,25	21	57	6	2	☹
★ MD480-02.0A2BW-	2	1	2	18,25	21	57	6	2	☹
★ MD480-02.5A2BV-	2,5	1,25	2,5	18,25	21	57	6	2	☹
★ MD480-02.5A2BW-	2,5	1,25	2,5	18,25	21	57	6	2	☹
★ MD480-03.0A2BV-	3	1,5	3	19	21	57	6	2	☹
★ MD480-03.0A2BW-	3	1,5	3	19,1	21	57	6	2	☹
★ MD480-01.0A2XV-	1	0,5	1	36,4	44	80	6	2	☹
★ MD480-02.0A2XV-	2	1	2	39,75	44	80	6	2	☹
★ MD480-03.0A2XV-	3	1,5	3	38,78	44	80	6	2	☹



DIN 6535 HA



DIN 6535 HA

Ordering example for the grade WB10TS: MD480-01.0A2BV-WB10TS

D1

WALTER SELECT

●● Primary application ● Other application

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

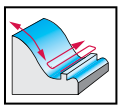
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide ball-nose copy milling cutters

MD480 Advance mm

Xill·tec®

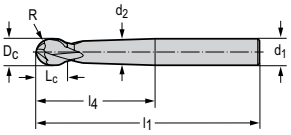
– Long reach



Z=2 | 30° | 63HRC 48HRC | R

	P	M	K	N	S	H	O
WB10TS						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_4 mm	l_1 mm	d_2 mm	d_1 h5 mm	Z	WB10TS
★ MD480-02.0A2LH-	2	1	2,5	39	75	1,7	6	2	☹
★ MD480-03.0A2LH-	3	1,5	3,2	44	80	2,5	6	2	☹
★ MD480-04.0A2LF-	4	2	3,9	44	80	3,3	6	2	☹
★ MD480-05.0A2LG-	5	2,5	5,6	44	80	4,1	6	2	☹
★ MD480-06.0A2LE-	6	3	5,2	64	100	4,7	6	2	☹
★ MD480-08.0A2LD-	8	4	6,7	64	100	6,5	8	2	☹
★ MD480-10.0A2LD-	10	5	8,2	60	100	8,2	10	2	☹
★ MD480-12.0A2LD-	12	6	9,6	55	100	9,8	12	2	☹
★ MD480-16.0A2LC-	16	8	10,7	102	150	13,4	16	2	☹

Ordering example for the grade WB10TS: MD480-02.0A2LH-WB10TS

D1

WALTER SELECT

●● Primary application ● Other application

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

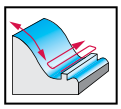
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide ball-nose copy milling cutters

MD480 Advance mm

Xill·tec®

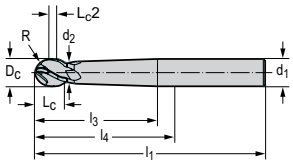
– Long reach



Z=4 | 30° | 63HRC 48HRC | R

	P	M	K	N	S	H	O
WB10TS						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	L_{c2} mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 h5 mm	Z	WB10TS
★ MD480-05.0A4LG-	5	2,5	5,6	3,1	43,01	44	80	4,1	6	4	☺
★ MD480-06.0A4LE-	6	3	5,2	2,2	29,99	64	100	4,7	6	4	☺
★ MD480-08.0A4LD-	8	4	6,7	2,7	35,97	64	100	6,5	8	4	☺
★ MD480-10.0A4LD-	10	5	8,2	3,2	43,02	60	100	8,2	10	4	☺
★ MD480-12.0A4LD-	12	6	9,6	3,6	52	55	100	9,8	12	4	☺
★ MD480-16.0A4LC-	16	8	10,7	2,7	61,07	102	150	13,4	16	4	☺

Ordering example for the grade WB10TS: MD480-05.0A4LG-WB10TS

D1

WALTER SELECT

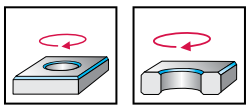
●● Primary application ● Other application

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

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

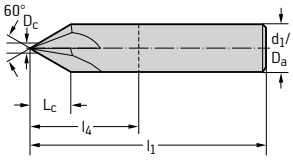
60° solid carbide chamfer mill

MC500 Advance mm

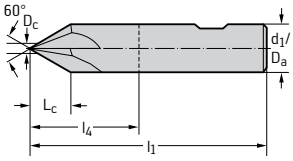


	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool



DIN 6535 HA



DIN 6535 HB

Designation	D_c mm	D_a mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
★ MC500-02.0A4L-	0,5	2	1,3	38	9,8	3	4	☹
★ MC500-03.0A4L-	0,5	3	2,17	38	9,8	3	4	☹
★ MC500-04.0A4L-	0,5	4	3,03	50	13,8	4	4	☹
MC500-06.0A4L-	1	6	4,3	57	20,1	6	4	😐
MC500-10.0A4L-	1,5	10	7,35	100	58,7	10	4	😐
★ MC500-08.0A4L-	2	8	5,2	80	43	8	4	☹
★ MC500-12.0A4L-	3	12	7,8	100	53,5	12	4	☹
MC500-10.0W4L-	1,5	10	7,35	100	58,7	10	4	😐

Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WJ30TF: MC500-02.0A4L-WJ30TF

D1

WALTER SELECT

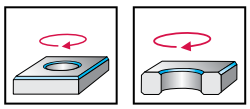
●● Primary application ● Other application

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

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

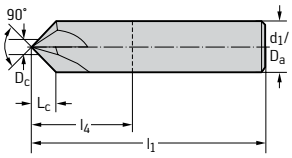
90° solid carbide chamfer mill

MC501 Advance mm

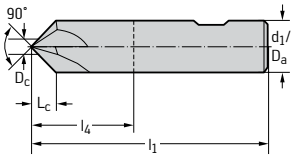


	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool



DIN 6535 HA



DIN 6535 HB

Designation	D_c mm	D_a mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
★ MC501-02.0A4L-	0,5	2	1,3	38	9,8	3	4	☹
★ MC501-03.0A4L-	0,5	3	2,17	38	9,8	3	4	☹
★ MC501-04.0A4L-	0,5	4	1,75	50	21,8	4	4	☹
MC501-06.0A4L-	1	6	2,5	57	20,5	6	4	☺
MC501-10.0A4L-	1,5	10	4,25	100	59,2	10	4	☺
MC501-08.0A5L-	2	8	3	80	43	8	5	☺
MC501-12.0A6L-	3	12	4,5	83	36,5	12	6	☺
MC501-06.0W4L-	1	6	2,5	57	20,5	6	4	☺
MC501-10.0W4L-	1,5	10	4,25	100	59,2	10	4	☺
MC501-08.0W5L-	2	8	3	80	43	8	5	☺
MC501-12.0W6L-	3	12	4,5	83	36,5	12	6	☺

Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WJ30TF: MC501-02.0A4L-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

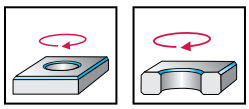
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide forward/backward deburrer

MC504 Advance mm

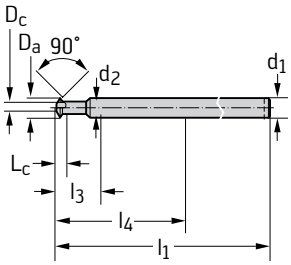
– Long reach
– Type forward/backward deburrer



Z= 4–6 | 0° | 48HRC | R

	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c mm	D_a mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	d_2 mm	d_1 h6 mm	Z	WJ30TF
★ MC504-03.0A4LB-	0,4	3	2,05	75	17	47	2,2	4	4	☹
★ MC504-04.0A4LB-	0,4	4	2,85	75	18	47	2,9	4	4	☹
★ MC504-05.0A4LB-	0,4	5	3,35	75	18	39	3,9	6	4	☹
MC504-06.0A4LB-	0,4	6	4,25	100	19	64	3,9	6	4	☺
MC504-08.0A4L-	5,9	8	2	100		64		6	4	☺
MC504-10.0A6L-	5,9	10	4	100		64		6	6	☺
MC504-12.0A6L-	5,9	12	6	100		64		6	6	☺

Ordering example for the grade WJ30TF: MC504-03.0A4LB-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

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

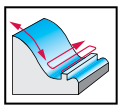
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide circle segment milling cutters

MD880 Advance mm

Xill·tec®

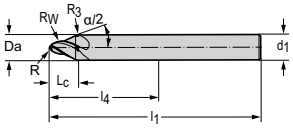
– Conical



Z=4 | 30° | 63HRC 48HRC | R

	P	M	K	N	S	H	O
WB10TS						●●	

Tool



DIN 6535 HA

Designation	α/2	D_a mm	R_w mm	R_3 mm	R mm	L_c mm	l_4 mm	d_1 h5 mm	l_1 mm	Z	WB10TS
★ MD880-06A4P050250-	20°	6	250	3	0,5	7,79	29	6	65	4	☹
★ MD880-06A4P100250-	20°	6	250	3	1	6,83	29	6	65	4	☹
★ MD880-08A4P050300-	20°	8	300	3	0,5	10,55	44	8	80	4	☹
★ MD880-08A4P100300-	20°	8	300	3	1	9,57	44	8	80	4	☹
★ MD880-10A4P200400-	20°	10	400	3	2	10,4	50	10	90	4	☹
★ MD880-12A4P200500-	20°	12	500	3	2	13,15	55	12	100	4	☹
★ MD880-12A4P300500-	20°	12	500	3	3	11,23	55	12	100	4	☹
★ MD880-16A4P301000-	20°	16	1.000	5	3	17,07	67	16	115	4	☹
★ MD880-16A4P401000-	20°	16	1.000	5	4	15,16	67	16	115	4	☹

Ordering example for the grade WB10TS: MD880-06A4P050250-WB10TS

D1

WALTER SELECT

●● Primary application ● Other application

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

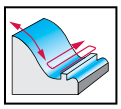
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide circle segment milling cutters

MD880 Advance mm

Xill·tec®

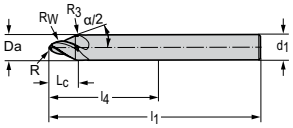
– Conical



Z = 8 | 30° | 63HRC 48HRC | R

	P	M	K	N	S	H	O
WB10TS						●●	

Tool



DIN 6535 HA

Designation	α/2	D_a mm	R_w mm	R_3 mm	R mm	L_c mm	l_4 mm	d_1 h5 mm	l_1 mm	Z	WB10TS
★ MD880-10A8P200400-	20°	10	400	3	2	10,4	50	10	90	8	☹
★ MD880-12A8P200500-	20°	12	500	3	2	13,15	55	12	100	8	☹
★ MD880-12A8P300500-	20°	12	500	3	3	11,23	55	12	100	8	☹

Ordering example for the grade WB10TS: MD880-10A8P200400-WB10TS

D1

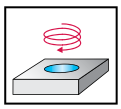
WALTER SELECT

●● Primary application ● Other application

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

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

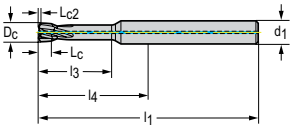
Solid carbide DrillMill
MD780 Advance mm
Xill·tec®



Z=4 | 15° | 63HRC 48HRC

	P	M	K	N	S	H	O
WB10TS						●●	

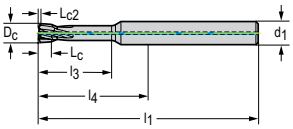
Tool



DIN 6535 HA

Designation	D_c h10 mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	L_{c2} mm	d_2 mm	d_1 h5 mm	Z	WB10TS
★ MD780-02.5A4BC-	3	1,63	57	9,67	21	0,24	1,91	6	4	☹
★ MD780-04.0A4BC-	4	2,6	57	15,45	21	0,39	3,06	6	4	☹
★ MD780-05.0A4BC-	5	3,25	57	19,35	21	0,49	3,83	6	4	☹

Bestellbeispiel für die Sorte WB10TS: MD780-02.5A4BC-WB10TS



DIN 6535 HA

Bezeichnung	D_c h10 mm	L_c mm	l_1 mm	l_3 mm	l_4 mm	L_{c2} mm	d_2 mm	d_1 h5 mm	Z	WB10TS
★ MD780-06.0A4PC-	6	3,9	65	23,2	29	0,59	4,59	6	4	☹
★ MD780-08.0A4PC-	8	5,2	75	30,95	39	0,78	6,12	8	4	☹
★ MD780-10.0A4PC-	10	6,5	85	38,7	45	0,98	7,65	10	4	☹
★ MD780-12.0A4PC-	12	7,8	100	46,4	55	1,17	9,18	12	4	☹
★ MD780-16.0A4PC-	16	10,4	115	61,9	67	1,56	12,24	16	4	☹

Ordering example for the grade WB10TS: MD780-02.5A4BC-WB10TS

D1

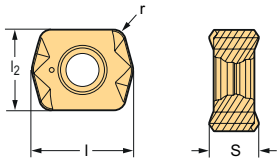
WALTER SELECT

●● Primary application ● Other application

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

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

Negative rhombic
ENMX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	r mm	l_2 mm	l mm	P HC				M HC			K HC		S HC			H HC
								WHH15X	WKP35G	WPP35G	WSP45G	WSM35G	WSM45X	WSP45G	WKP35G	WPP35G	WSM35G	WSM45X	WSP45G	WHH15X
	ENMX110616R-R5	M	4	6,82	1,6	11	13,52	☺	😐	😐	☹	😐		☹	☹	☹	😐		☹	☺
	ENMX110616R-M5	M	4	6,82	1,6	11	13,52	☺	😐	😐	☹	😐	☹	☹	☹	☹	😐	☹	☹	☺
	ENMX110616R-L5	M	4	6,82	1,6	11	13,52				☹	😐	☹	☹			😐	☹	☹	

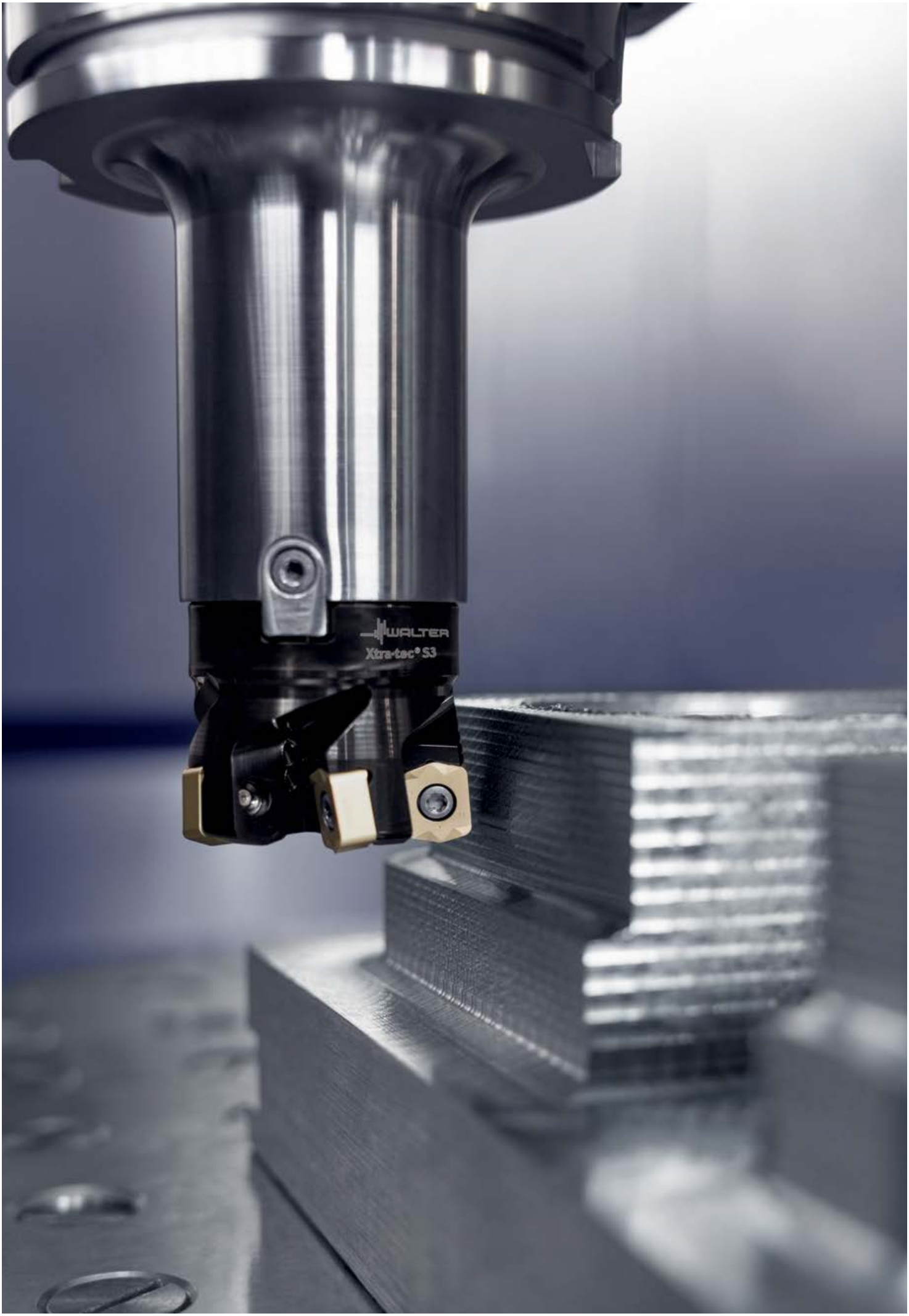
Ordering example for the grade WHH15X: ENMX110616R-R5 WHH15X
Ordering example for the grade WKP35G: ENMX110616R-R5 WKP35G

HC = Coated carbide

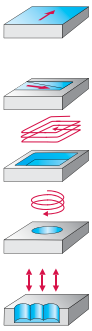
D2

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

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


WALTER
Xtra-tec® S3

High-feed milling cutters

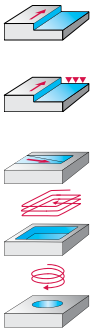
Machining	
Lead angle κ	20°

Designation	M6420 Xtra·tec® S3	
Diameter range	40–100	*2,000–4,000*
Boring bar/adaptor type		
DIN 1835 B		
Cylindrical bore DIN 138	✔	✔
ScrewFit		
Cylindrical shank		
Cylindrical modular		
Steep taper		
HSK		
NCT		
P Steel	●●	
M Stainless steel	●●	
K Cast iron	●●	
N NF metals		
S Materials with difficult cutting properties	●●	
H Hard materials	●●	
O Other		
Indexable inserts	 EN.X1106...	
Number of cutting edges	4	
Max. depth of cut	2	
Page in catalogue	208	
QR code		
www.walter-tools.com/woc/	M6420	

WALTER SELECT ●● Primary application ● Other application

D 2

Shoulder milling cutters

Machining	
Lead angle κ	90°

Designation	M5130 Xtra·tec® XT	
Diameter range	10–160	*0,500–6,000*
Boring bar/adaptor type		
DIN 1835 B	✔	✔
Cylindrical bore DIN 138	✔	✔
ScrewFit	✔	✔
Cylindrical shank	✔	✔
Cylindrical modular	✔	
Steep taper		
HSK		
NCT		
P Steel	●●	
M Stainless steel	●●	
K Cast iron	●●	
N NF metals	●●	
S Materials with difficult cutting properties	●●	
H Hard materials	●●	
O Other	●	
Indexable inserts	AC... / BC...	
Number of cutting edges	2	
Max. depth of cut	5 - 15	
Page in catalogue	213	
QR code		
www.walter-tools.com/woc/	M5130	

WALTER SELECT ●● Primary application ● Other application

D2

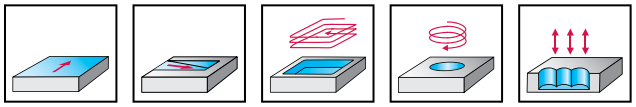
High-Feed-Fräser

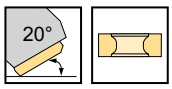
M6420 mm

ENMX110616R

Xtra·tec® S3

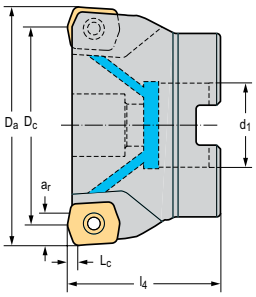
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M6420	●●	●●	●●		●●	●●	

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
★ M6420-040-B16-03-02	29,6	40	16	40	2	5,2	3	0,17	3	ENMX110616R
★ M6420-040-B16-04-02	29,6	40	16	40	2	5,2	4	0,16	4	
★ M6420-042-B16-03-02	31,6	42	16	40	2	5,2	3	0,19	3	
★ M6420-042-B16-04-02	31,6	42	16	40	2	5,2	4	0,18	4	
★ M6420-050-B22-04-02	39,6	50	22	40	2	5,2	4	0,26	4	
★ M6420-050-B22-05-02	39,6	50	22	40	2	5,2	5	0,26	5	
★ M6420-052-B22-04-02	41,6	52	22	40	2	5,2	4	0,28	4	
★ M6420-052-B22-05-02	41,6	52	22	40	2	5,2	5	0,29	5	
★ M6420-063-B22-05-02	52,6	63	22	40	2	5,2	5	0,43	5	
★ M6420-063-B22-07-02	52,6	63	22	40	2	5,2	7	0,44	7	
★ M6420-066-B27-05-02	55,6	66	27	50	2	5,2	5	0,67	5	
★ M6420-066-B27-07-02	55,6	66	27	50	2	5,2	7	0,66	7	
★ M6420-080-B27-06-02	69,6	80	27	50	2	5,2	6	0,87	6	
★ M6420-080-B27-08-02	69,6	80	27	50	2	5,2	8	0,92	8	
★ M6420-085-B27-06-02	74,6	85	27	50	2	5,2	6	0,98	6	
★ M6420-085-B27-08-02	74,6	85	27	50	2	5,2	8	1,01	8	
★ M6420-100-B32-07-02	89,6	100	32	60	2	5,2	7	1,53	7	
★ M6420-100-B32-09-02	89,6	100	32	60	2	5,2	9	1,62	9	

Bodies and assembly parts are included in the scope of delivery

D2

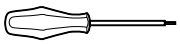
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

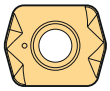
Assembly parts

	D_a [mm]	40–100
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 3,5 Nm

Accessories

	D_a [mm]	40–100
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15X	P HC WKP35G	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WKP35G	K HC WPP35G	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ENMX110616R-L5	M	4	1,6				☹	😐	☹	☹			😐	☹	☹	
	ENMX110616R-M5	M	4	1,6	☺	😐	😐	☹	😐	☹	☹	☹	☹	😐	☹	☹	☺
	ENMX110616R-R5	M	4	1,6	☺	😐	😐	☹	😐		☹	☹	☹	😐		☹	☺

HC = Coated carbide

D2

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

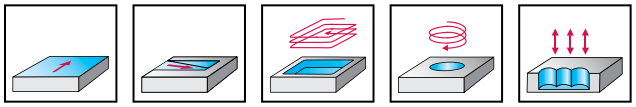
High-Feed-Fräser

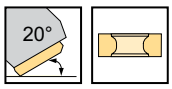
M6420 inch

ENMX110616R

Xtra·tec® S3

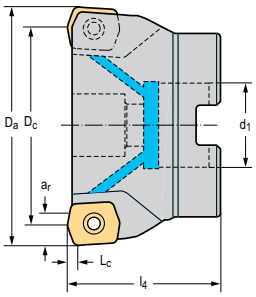
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M6420	●●	●●	●●		●●	●●	

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	L_c inch	a_r inch	Z	lbs	No. of inserts	Type
★ M6420.051-B19-04-02	1,591	2,000	0,750	1,575	0,079	0,205	4	0,604	4	ENMX110616R
★ M6420.051-B19-05-02	1,591	2,000	0,750	1,575	0,079	0,205	5	0,604	5	
★ M6420.064-B26-05-02	2,091	2,500	1,000	1,969	0,079	0,205	5	0,904	5	
★ M6420.064-B26-07-02	2,091	2,500	1,000	1,969	0,079	0,205	7	0,955	7	
★ M6420.076-B26-06-02	2,591	3,000	1,000	1,969	0,079	0,205	6	1,881	6	
★ M6420.076-B26-08-02	2,591	3,000	1,000	1,969	0,079	0,205	8	1,971	8	
★ M6420.102-B38-07-02	3,591	4,000	1,500	2,48	0,079	0,205	7	5,611	7	
★ M6420.102-B38-09-02	3,591	4,000	1,500	2,48	0,079	0,205	9	5,741	9	

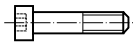
Bodies and assembly parts are included in the scope of delivery

D 2

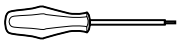
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

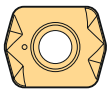
Assembly parts

	D_a [inch]	2	2,5–3	4
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 2,581 lbs	FS2300 (T15IP) 2,581 lbs	FS2300 (T15IP) 2,581 lbs
	Clamping screw for arbour-mounted tools	FS1518	FS1519	FS1583

Accessories

	D_a [inch]	2–4
	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 inch	P HC WHH15X	P HC WKP35G	P HC WPP35G	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WKP35G	K HC WPP35G	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ENMX110616R-L5	M	4	0,063				😡	😐	😡	😡			😐	😡	😡	
	ENMX110616R-M5	M	4	0,063	😊	😐	😐	😡	😐	😡	😡	😡	😡	😐	😡	😡	😊
	ENMX110616R-R5	M	4	0,063	😊	😐	😐	😡	😐		😡	😡	😡	😐		😡	😊

HC = Coated carbide

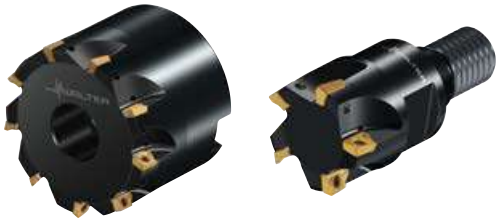
D2

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

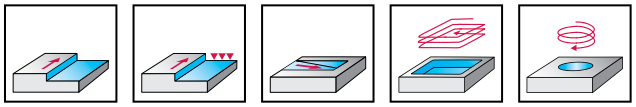
Shoulder milling cutters

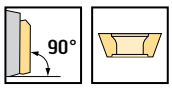
M5130 mm

AC .. 0602 .. R
Xtra·tec® XT



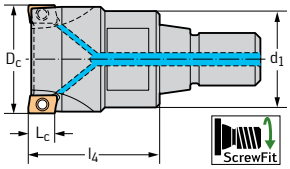
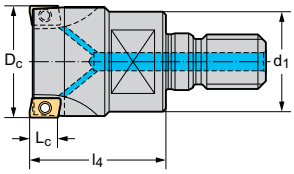
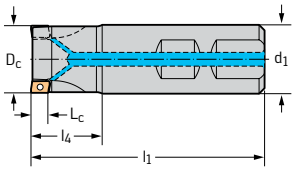
– 2 cutting edges per indexable insert





	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
 ScrewFit	M5130-010-T09-02-05	10	9,7	20		5	2	0,02	2	AC .. 0602 .. R
	M5130-012-T09-03-05	12	9,7	20		5	3	0,02	3	
	M5130-016-T14-03-05	16	14,5	25		5	3	0,04	3	
	M5130-016-T14-04-05	16	14,5	25		5	4	0,04	4	
	M5130-020-T18-04-05	20	18,5	25		5	4	0,05	4	
	M5130-020-T18-05-05	20	18,5	25		5	5	0,06	5	
	M5130-025-T22-05-05	25	22	30		5	5	0,11	5	
	M5130-025-T22-07-05	25	22	30		5	7	0,1	7	
	M5130-032-T28-06-05	32	28	35		5	6	0,19	6	
	M5130-032-T28-08-05	32	28	35		5	8	0,2	8	
	M5130-040-T36-07-05	40	36	35		5	7	0,34	7	
	M5130-040-T36-10-05	40	36	35		5	10	0,35	10	
 Cylindrical modular	M5130-010-TC06-02-05	10	9,7	20		5	2	0,02	2	AC .. 0602 .. R
	M5130-012-TC06-03-05	12	9,7	20		5	3	0,02	3	
	M5130-016-TC08-03-05	16	14,5	25		5	3	0,04	3	
	M5130-016-TC08-04-05	16	14,5	25		5	4	0,04	4	
	M5130-020-TC10-04-05	20	18,5	25		5	4	0,06	4	
	M5130-020-TC10-05-05	20	18,5	25		5	5	0,06	5	
	M5130-025-TC12-05-05	25	22	30		5	5	0,1	5	
	M5130-025-TC12-07-05	25	22	30		5	7	0,1	7	
	M5130-032-TC16-06-05	32	28	35		5	6	0,19	6	
	M5130-032-TC16-08-05	32	28	35		5	8	0,2	8	
	M5130-040-TC16-07-05	40	28	35		5	7	0,24	7	
	M5130-040-TC16-10-05	40	28	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	0,3	5	
	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

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]	10–63
Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0,5 Nm

Accessories

D_c [mm]	10	12	14–63	16	20	25	32	40
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				M		K					N		S	
						HC			HC			HC				HC	HW	HC	
					WKP25S	WKP35G	WPP35G	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WPP35G	WXN15	WK10	WSM35G	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	☺	😐	😐	😣	😐	😣	☺	😐	😐	😐	😐			😐	😣
ACMT060208R-G55	M	2	0,8	0,8		😐	😐	😣		😣				😐	😐				😣
ACMT060212R-G55	M	2	1,2	0,6		😐		😣		😣				😐					😣
ACMT060216R-G55	M	2	1,6	0,1		😐		😣		😣				😐					😣
ACMT060204R-K55	M	2	0,4	0,9		☺		😐	☺	😐				😐				☺	😐

HC = Coated carbide
HW = Uncoated carbide

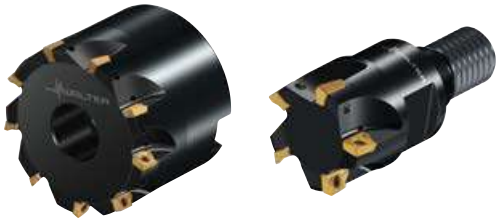
D2

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

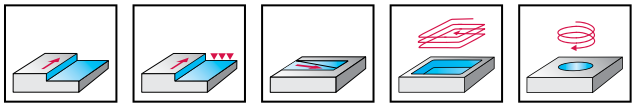
Shoulder milling cutters

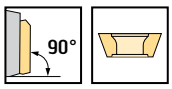
M5130 mm

AC .. 0602 .. R
Xtra·tec® XT



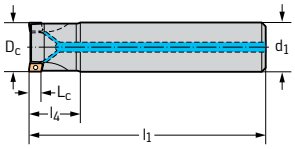
– 2 cutting edges per indexable insert





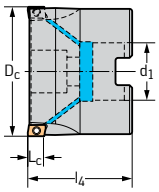
	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool



Cylindrical shank

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-010-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	0,11	3	
M5130-014-A16-03-05	14	16	30	80	5	3	0,12	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	0,26	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	



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
M5130-032-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	0,24	7	
M5130-040-B16-10-05	40	16	40		5	10	0,27	10	
M5130-050-B22-09-05	50	22	40		5	9	0,53	9	
M5130-050-B22-12-05	50	22	40		5	12	0,53	12	
M5130-063-B22-11-05	63	22	40		5	11	0,76	11	
M5130-063-B22-14-05	63	22	40		5	14	0,69	14	

Bodies and assembly parts are included in the scope of delivery

D2

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

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

Assembly parts

D_c [mm]	10–63
Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0,5 Nm

Accessories

D_c [mm]	10	12	14–63	16	20	25	32	40
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				M		K					N		S	
						HC			HC			HC				HC	HW	HC	
					WKP25S	WKP35G	WPP35G	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WPP35G	WXN15	WK10	WSM35G	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	😊	😐	😐	😣	😐	😣	😊	😐	😐	😐	😐			😐	😣
ACMT060208R-G55	M	2	0,8	0,8		😐	😐	😣		😣				😐	😐				😣
ACMT060212R-G55	M	2	1,2	0,6		😐		😣		😣				😐					😣
ACMT060216R-G55	M	2	1,6	0,1		😐		😣		😣				😐					😣
ACMT060204R-K55	M	2	0,4	0,9		😊		😐	😊	😐				😐				😊	😐

HC = Coated carbide
HW = Uncoated carbide

D2

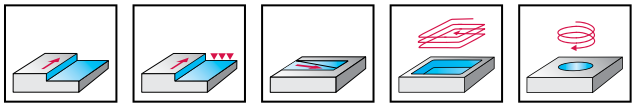
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = 😣

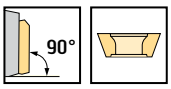
Shoulder milling cutters

M5130 inch

AC .. 0602 .. R
Xtra·tec® XT

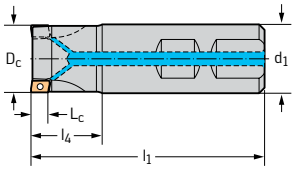
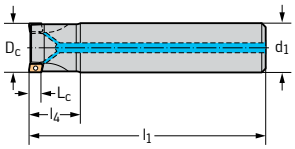
– 2 cutting edges per indexable insert





	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
 DIN 1835 B	M5130.013-W13-03-05	0,500	0,500	0,700	2,281	0,197	3	0,108	3	AC .. 0602 .. R
	M5130.015-W15-04-05	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	
 Cylindrical shank	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	0,315	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	

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]	0,5–1
Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0,369 lbs

Accessories

D_c [inch]	0,5–1
Torque screwdriver, analogue	FS2002
Interchangeable blade	SD2001-6IP (T6IP)
Screwdriver	SD1001-6IP (T6IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P				M		K					N		S	
						HC			HC			HC				HC	HW	HC	
					WKP25S	WKP35G	WPP35G	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WPP35G	WXN15	WK10	WSM35G	WSP45G
ACGT060204R-G65	G	2	0,016	0,035				☹	😐	☹								😐	☹
ACGT060204R-M85	G	2	0,016	0,035												☺	😐		
ACMT060202R-G55	M	2	0,008	0,039		😐		☹		☹				😐					☹
ACMT060204R-G55	M	2	0,016	0,035	☺	😐	😐	☹	😐	☹	☺	😐	😐	😐	😐			😐	☹
ACMT060208R-G55	M	2	0,031	0,031		😐	😐	☹		☹				😐	😐				☹
ACMT060212R-G55	M	2	0,047	0,022		😐		☹		☹				😐					☹
ACMT060216R-G55	M	2	0,063	0,002		😐		☹		☹				😐					☹
ACMT060204R-K55	M	2	0,016	0,035		☺		😐	☺	😐				😐				☺	😐

HC = Coated carbide
HW = Uncoated carbide

D2

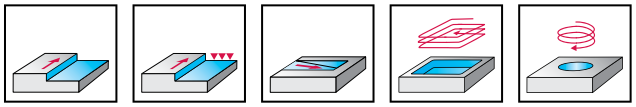
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

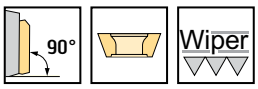
Shoulder milling cutters

M5130 mm

BC .. 0903 .. R
Xtra·tec® XT

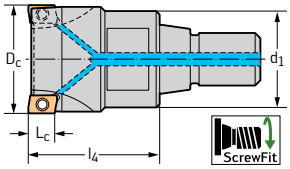
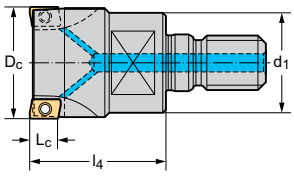
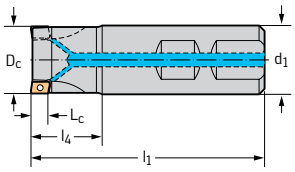
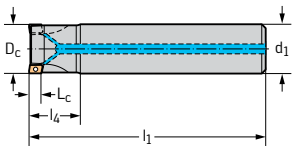
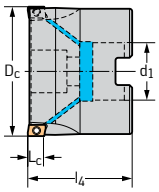
– 2 cutting edges per indexable insert





	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	14,5	25		9	2	0,03	2	BC .. 0903 .. R
	M5130-020-T18-02-09	20	18,5	30		9	2	0,06	2	
	M5130-020-T18-03-09	20	18,5	30		9	3	0,05	3	
	M5130-025-T22-03-09	25	22	35		9	3	0,09	3	
	M5130-025-T22-04-09	25	22	35		9	4	0,11	4	
	M5130-032-T28-04-09	32	28	40		9	4	0,18	4	
	M5130-032-T28-05-09	32	28	40		9	5	0,19	5	
 Cylindrical modular	M5130-016-TC08-02-09	16	14,5	25		9	2	0,04	2	BC .. 0903 .. R
	M5130-020-TC10-02-09	20	18,5	30		9	2	0,05	2	
	M5130-020-TC10-03-09	20	18,5	30		9	3	0,06	3	
	M5130-025-TC12-03-09	25	22	35		9	3	0,1	3	
	M5130-025-TC12-04-09	25	22	35		9	4	0,09	4	
	M5130-032-TC16-04-09	32	28	40		9	4	0,17	4	
	M5130-032-TC16-05-09	32	28	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	2	0,18	2	
	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	0,58	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	0,27	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	0,73	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	0,25	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	0,35	7	
	M5130-050-B22-05-09	50	22	40		9	5	0,32	5	
	M5130-050-B22-07-09	50	22	40		9	7	0,49	7	

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]	16–125
Clamping screw for indexable insert Tightening torque	FS2576 (T8IP) 1,2 Nm

Accessories

D_c [mm]	16	18–125	20	25	32
Torque screwdriver, analogue	FS2001				
Torque screwdriver, digital	FS2248				
Interchangeable blade	FS2012 (T8IP)				
Screwdriver	FS1483 (T8IP)				

Indexable inserts

			P							M				K								N			S			H
			HC							HC				HC								DP	HC	HW	HC			HC
Designation	Tolerance class	Number of cutting edges	WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WPP35G	WSP45G	WPM15G	WSM35G	WSM45X	WSP45G	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WPP35G	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G	WHH15X
BCGT090304R-B85	G	1																				☺						
BCGT090304R-G55	G	2			☺	☺			☹		☺		☹					☺	☺						☺		☹	
BCGT090304R-K85	G	2																					☺	☺				
BCMT090302R-G55	M	2			☺			☺	☹				☹					☺			☺						☹	
BCMT090304R-G55	M	2		☺	☺	☺			☹		☺	☹	☹	☺		☺	☺	☺	☺						☺	☹	☹	
BCMT090308R-G55	M	2			☺			☺	☹			☹	☹					☺			☺					☹	☹	
BCMT090312R-G55	M	2			☺	☺			☹				☹					☺	☺								☹	
BCMT090316R-G55	M	2			☺	☺			☹			☹	☹					☺	☺							☹	☹	
BCMT090320R-G55	M	2			☺	☺			☹			☹	☹					☺	☺							☹	☹	
BCMT090304R-F55	M	2		☺	☺			☺	☹			☹	☹	☺		☺	☺	☺			☺					☹	☹	
BCMT090304R-K55	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
BCGX0903PDR-G55 wiper insert only in combination with BCGT090304R-G55

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

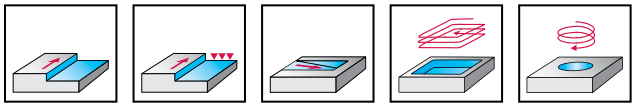
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☹

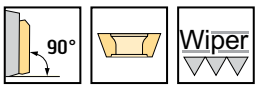
Shoulder milling cutters

M5130 mm

BC .. 0903 .. R
Xtra·tec® XT

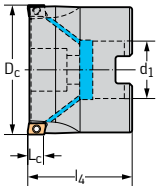
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●●	●

Tool



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
M5130-050-B22-08-09	50	22	40		9	8	0,48	8	BC .. 0903 .. R
M5130-063-B22-07-09	63	22	40		9	7	0,63	7	
M5130-063-B22-11-09	63	22	40		9	11	0,64	11	
M5130-080-B27-06-09	80	27	50		9	6	0,99	6	
M5130-080-B27-08-09	80	27	50		9	8	0,99	8	
M5130-100-B32-08-09	100	32	50		9	8	1,58	8	
M5130-100-B32-10-09	100	32	50		9	10	1,58	10	
M5130-125-B40-10-09	125	40	63		9	10	3,29	10	
M5130-125-B40-12-09	125	40	63		9	12	3,28	12	

Bodies and assembly parts are included in the scope of delivery

D2

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

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

Assembly parts

D_c [mm]	16–125
Clamping screw for indexable insert Tightening torque	FS2576 (T8IP) 1,2 Nm

Accessories

D_c [mm]	16	18–125	20	25	32
Torque screwdriver, analogue	FS2001				
Torque screwdriver, digital	FS2248				
Interchangeable blade	FS2012 (T8IP)				
Screwdriver	FS1483 (T8IP)				

Indexable inserts

			P							M				K								N			S			H
			HC							HC				HC								DP	HC	HW	HC			HC
Designation	Tolerance class	Number of cutting edges	WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WPP35G	WSP45G	WPM15G	WSM35G	WSM45X	WSP45G	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WPP35G	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G	WHH15X
BCGT090304R-B85	G	1																				😐						
BCGT090304R-G55	G	2			😐	😐			☹		😐		☹					😐	😐						😐		☹	
BCGT090304R-K85	G	2																					😊	😐				
BCMT090302R-G55	M	2			😐			😐	☹				☹					😐			😐						☹	
BCMT090304R-G55	M	2		😊	😐	😐			☹		😐	☹	☹	😊		😐	😐	😐	😐						😐	☹	☹	
BCMT090308R-G55	M	2			😐			😐	☹			☹	☹					😐			😐					☹	☹	
BCMT090312R-G55	M	2			😐	😐			☹				☹					😐	😐								☹	
BCMT090316R-G55	M	2			😐	😐			☹			☹	☹					😐	😐							☹	☹	
BCMT090320R-G55	M	2			😐	😐			☹			☹	☹					😐	😐							☹	☹	
BCMT090304R-F55	M	2		😊	😐			😐	☹			☹	☹	😊		😐	😐	😐			😐					☹	☹	
BCMT090304R-K55	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
BCGX0903PDR-G55 wiper insert only in combination with BCGT090304R-G55

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

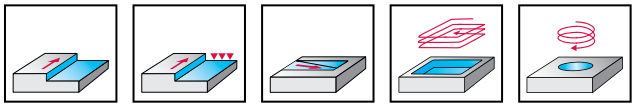
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = ☹

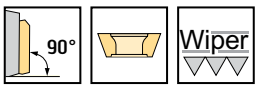
Shoulder milling cutters

M5130 inch

BC .. 0903 .. R
Xtra·tec® XT

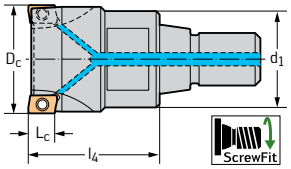
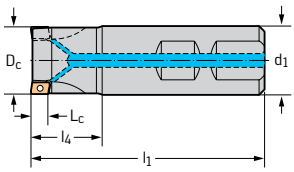
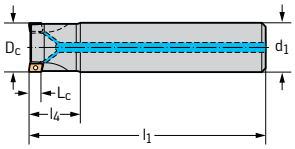
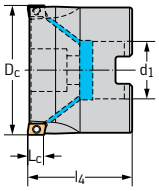
– 2 cutting edges per indexable insert





	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
 ScrewFit	M5130.019-T18-03-09	0,750	0,728	1,181		0,354	3	0,117	3	BC .. 0903 .. R
	M5130.026-T22-04-09	1,000	0,866	1,378		0,354	4	0,218	4	
	M5130.031-T28-04-09	1,250	1,102	1,378		0,354	4	0,357	4	
	M5130.038-T36-07-09	1,500	1,417	1,575		0,354	7	0,730	7	
 DIN 1835 B	M5130.013-W15-01-09	0,500	0,625	0,827	2,732	0,354	1	0,185	1	BC .. 0903 .. R
	M5130.015-W15-02-09	0,625	0,625	0,945	2,851	0,354	2	0,227	2	
	M5130.019-W19-03-09	0,750	0,750	1,535	3,567	0,354	3	0,351	3	
	M5130.026-W26-03-09	1,000	1,000	1,181	3,462	0,354	3	0,624	3	
	M5130.026-W26-04-09	1,000	1,000	1,181	3,462	0,354	4	0,626	4	
	M5130.031-W31-05-09	1,250	1,250	1,417	3,698	0,354	5	1,071	5	
	M5130.038-W31-06-09	1,500	1,250	1,417	3,698	0,354	6	1,102	6	
 Cylindrical shank	M5130.013-A15-01-09	0,500	0,625	1,250	6,250	0,354	1	0,465	1	BC .. 0903 .. R
	M5130.015-A15-02-09	0,625	0,625	1,630	7,000	0,354	2	0,54	2	
	M5130.019-A19-02-09	0,750	0,750	1,630	8,000	0,354	2	0,866	2	
	M5130.019-A19-03-09	0,750	0,750	1,630	8,000	0,354	3	0,869	3	
	M5130.026-A26-03-09	1,000	1,000	1,750	8,000	0,354	3	1,583	3	
	M5130.026-A26-04-09	1,000	1,000	1,750	8,000	0,354	4	1,594	4	
 Shell mill mount DIN 138 transverse keyway	M5130.038-B19-04-09	1,500	0,750	1,575		0,354	4	0,337	4	BC .. 0903 .. R
	M5130.038-B19-07-09	1,500	0,750	1,575		0,354	7	0,39	7	
	M5130.051-B19-05-09	2,000	0,750	1,575		0,354	5	0,756	5	
	M5130.051-B19-08-09	2,000	0,750	1,575		0,354	8	0,809	8	

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]	0,5–1,25	1,5–2
Clamping screw for indexable insert Tightening torque	FS2576 (T8IP) 0,885 lbs	FS2576 (T8IP) 0,885 lbs
Clamping screw for arbour-mounted tools		FS1523

Accessories

D_c [inch]	0,5–2	0,75	1	1,25	1,5
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							M				K								N			S			H
					HC						HC						HC					DP	HC	HW		HC		HC
			WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WPP35G	WSP45G	WPM15G	WSM35G	WSM45X	WSP45G	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WPP35G	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G	WHH15X
BCGT090304R-B85	G	1																				😐						
BCGT090304R-G55	G	2			😐	😐			☹		😐		☹					😐	😐						😐		☹	
BCGT090304R-K85	G	2																					☺	😐				
BCMT090302R-G55	M	2			😐			😐	☹				☹					😐			😐						☹	
BCMT090304R-G55	M	2		☺	😐	😐			☹		😐	☹	☹	☺		😐	😐	😐	😐						😐	☹	☹	
BCMT090308R-G55	M	2			😐			😐	☹			☹	☹					😐			😐					☹	☹	
BCMT090312R-G55	M	2			😐	😐			☹				☹					😐	😐								☹	
BCMT090316R-G55	M	2			😐	😐			☹			☹	☹					😐	😐							☹	☹	
BCMT090320R-G55	M	2			😐	😐			☹			☹	☹					😐	😐							☹	☹	
BCMT090304R-F55	M	2		☺	😐			😐	☹			☹	☹	☺		😐	😐	😐			😐					☹	☹	
BCMT090304R-K55	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
BCGX0903PDR-G55 wiper insert only in combination with BCGT090304R-G55

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

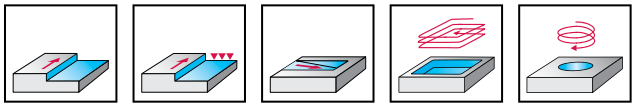
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

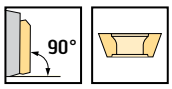
Shoulder milling cutters

M5130 mm

BC .. 1204 .. R
Xtra·tec® XT

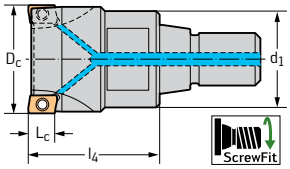
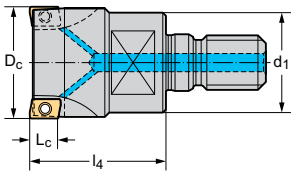
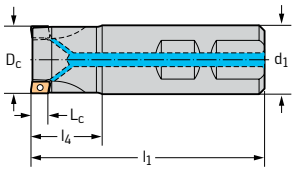
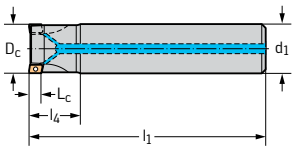
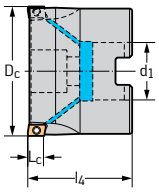
– 2 cutting edges per indexable insert





	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
 ScrewFit	M5130-025-T22-03-12	25	22	35		12	3	0,1	3	BC .. 1204 .. R
	M5130-032-T28-03-12	32	28	40		12	3	0,17	3	
	M5130-032-T28-04-12	32	28	40		12	4	0,18	4	
	M5130-040-T36-03-12	40	36	40		12	3	0,31	3	
	M5130-040-T36-05-12	40	36	40		12	5	0,32	5	
	M5130-040-T36-06-12	40	36	40		12	6	0,32	6	
 Cylindrical modular	M5130-025-TC12-03-12	25	22	35		12	3	0,1	3	BC .. 1204 .. R
	M5130-032-TC16-03-12	32	28	40		12	3	0,16	3	
	M5130-032-TC16-04-12	32	28	40		12	4	0,17	4	
	M5130-040-TC16-03-12	40	28	40		12	3	0,21	3	
	M5130-040-TC16-06-12	40	28	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	0,56	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	0,71	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	1,44	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	1,57	5	
	M5130-040-A40-04-12	40	40	44	250	12	4	2,25	4	
 Shell mill mount DIN 138 transverse keyway	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	0,33	6	
	M5130-050-B22-03-12	50	22	40		12	3	0,32	3	
	M5130-050-B22-04-12	50	22	40		12	4	0,3	4	
	M5130-050-B22-06-12	50	22	40		12	6	0,46	6	

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]	22–160
Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm

Accessories

D_c [mm]	22–125	25	32	40	160
Torque screwdriver, analogue	FS2003				
Torque screwdriver, digital	FS2248				
Interchangeable blade	FS2013 (T9IP)				
Screwdriver	FS1484 (T9IP)				
Sealing disc set					FS936 SET KOMPLETT
Gasket					O-R 96X4

Indexable inserts

Designation	Tolerance class	Number of cutting edges	P					M			K						N			S		
				HC					HC					HC			DP	HC	HW		HC	
			WKP25S	WKP35G	WKP35S	WPP35G	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WPP35G	WDN20	WXN15	WK10	WSM35G	WSM45X	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-G55	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		😐	😐		☹			☹				😐	😐							☹
BCMT120408R-F55	M	2	☺	😐		☹	☹			☹	☺	😐	😐	😐		😐						☹
BCMT120408R-K55	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

D2

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

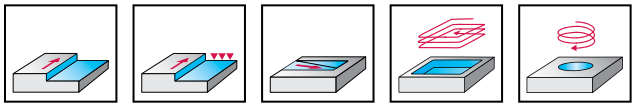
Shoulder milling cutters

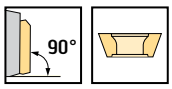
M5130 mm

BC .. 1204 .. R

Xtra·tec® XT

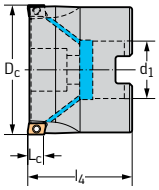
– 2 cutting edges per indexable insert





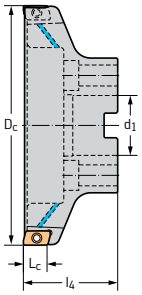
	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool



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
M5130-050-B22-07-12	50	22	40		12	7	0,31	7	BC .. 1204 .. R
M5130-063-B22-04-12	63	22	40		12	4	0,66	4	
M5130-063-B22-05-12	63	22	40		12	5	0,48	5	
M5130-063-B22-07-12	63	22	40		12	7	0,72	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	
M5130-063-B27-07-12	63	27	50		12	7	0,93	7	
M5130-063-B27-08-12	63	27	50		12	8	0,71	8	
M5130-080-B27-05-12	80	27	50		12	5	1,12	5	
M5130-080-B27-06-12	80	27	50		12	6	1,15	6	
M5130-080-B27-08-12	80	27	50		12	8	1,02	8	
M5130-080-B27-09-12	80	27	50		12	9	1,21	9	
M5130-100-B32-08-12	100	32	50		12	8	1,62	8	
M5130-100-B32-10-12	100	32	50		12	10	1,62	10	
M5130-125-B40-12-12	125	40	63		12	12	3,41	12	BC .. 1204 .. R
M5130-160-B40-14-12	160	40	63		12	14	3,62	14	



Shell mill mount DIN 138 transverse keyway

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]	22–160
Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm

Accessories

D_c [mm]	22–125	25	32	40	160
Torque screwdriver, analogue	FS2003				
Torque screwdriver, digital	FS2248				
Interchangeable blade	FS2013 (T9IP)				
Screwdriver	FS1484 (T9IP)				
Sealing disc set					FS936 SET KOMPLETT
Gasket					O-R 96X4

Indexable inserts

Designation	Tolerance class	Number of cutting edges	P					M			K						N			S		
				HC					HC					HC			DP	HC	HW		HC	
			WKP25S	WKP35G	WKP35S	WPP35G	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WPP35G	WDN20	WXN15	WK10	WSM35G	WSM45X	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-G55	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		😐	😐		☹			☹				😐	😐							☹
BCMT120408R-F55	M	2	☺	😐		☹	☹			☹	☺	😐	😐	😐		😐						☹
BCMT120408R-K55	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

D2

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

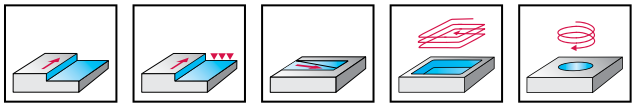
Shoulder milling cutters

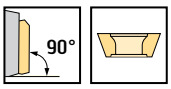
M5130 inch

BC .. 1204 .. R

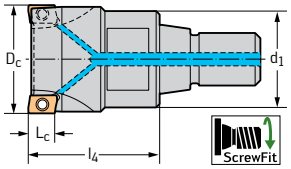
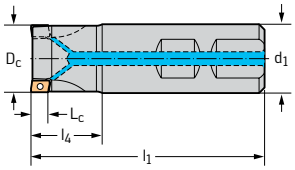
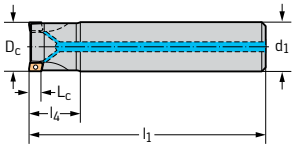
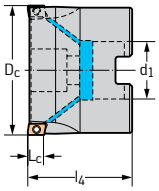
Xtra·tec® XT

– 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	1,000	0,866	1,378		0,472	3	0,187	3	BC .. 1204 .. R
	M5130.026-T22-04-12	1,000	0,866	1,378		0,472	4	0,196	4	
	M5130.031-T28-03-12	1,250	1,102	1,575		0,472	3	0,351	3	
	M5130.031-T28-04-12	1,250	1,102	1,575		0,472	4	0,412	4	
	M5130.038-T36-06-12	1,500	1,417	1,575		0,472	6	0,710	6	
	M5130.051-T45-06-12	2,000	1,772	1,575		0,472	6	1,074	6	
	M5130.051-T45-07-12	2,000	1,772	1,575		0,472	7	1,076	7	
 DIN 1835 B	M5130.019-W19-02-12	0,750	0,750	1,024	3,059	0,472	2	0,291	2	BC .. 1204 .. R
	M5130.026-W19-03-12	1,000	0,750	0,945	3,366	0,472	3	0,359	3	
	M5130.026-W26-03-12	1,000	1,000	1,339	3,280	0,472	3	0,604	3	
	M5130.031-W26-04-12	1,250	1,000	1,417	3,701	0,472	4	0,723	4	
	M5130.031-W26-05-12	1,250	1,000	1,417	3,701	0,472	5	0,728	5	
	M5130.031-W31-04-12	1,250	1,250	1,417	3,697	0,472	4	1,071	4	
	M5130.031-W31-05-12	1,250	1,250	1,417	3,701	0,472	5	1,047	5	
	M5130.038-W31-04-12	1,500	1,250	1,730	4,011	0,472	4	1,268	4	
	M5130.038-W31-06-12	1,500	1,250	1,730	4,011	0,472	6	1,294	6	
 Cylindrical shank	M5130.019-A19-02-12	0,750	0,750	1,030	7,530	0,472	2	0,816	2	BC .. 1204 .. R
	M5130.026-A19-03-12	1,000	0,750	1,500	8,000	0,472	3	0,908	3	
	M5130.026-A26-02-12	1,000	1,000	1,500	8,000	0,472	2	1,603	2	
	M5130.026-A26-03-12	1,000	1,000	1,500	8,000	0,472	3	1,572	3	
	M5130.031-A31-03-12	1,250	1,250	1,630	10,000	0,472	3	3,146	3	
	M5130.031-A31-04-12	1,250	1,250	1,630	10,000	0,472	4	3,142	4	
	M5130.038-A31-04-12	1,500	1,250	1,630	10,000	0,472	4	3,318	4	
 Shell mill mount DIN 138 transverse keyway	M5130.038-B19-05-12	1,500	0,750	1,500		0,472	5	0,340	5	BC .. 1204 .. R
	M5130.038-B19-06-12	1,500	0,750	1,500		0,472	6	0,326	6	
	M5130.051-B19-04-12	2,000	0,750	1,575		0,472	4	0,644	4	
	M5130.051-B19-06-12	2,000	0,750	1,575		0,472	6	1,131	6	
	M5130.051-B19-07-12	2,000	0,750	1,575		0,472	7	1,129	7	
	M5130.064-B26-05-12	2,500	1,000	1,575		0,472	5	1,208	5	
	M5130.064-B26-07-12	2,500	1,000	1,575		0,472	7	1,228	7	
	M5130.064-B26-08-12	2,500	1,000	1,575		0,472	8	1,202	8	
	M5130.076-B26-06-12	3,000	1,000	2,000		0,472	6	2,606	6	
	M5130.076-B26-08-12	3,000	1,000	2,000		0,472	8	2,205	8	
	M5130.076-B26-09-12	3,000	1,000	2,000		0,472	9	2,593	9	
	M5130.102-B38-12-12	4,000	1,500	2,500		0,472	12	6,162	12	

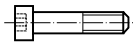
Bodies and assembly parts are included in the scope of delivery

D 2

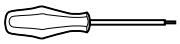
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

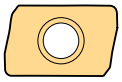
Assembly parts

	D_c [inch]	0,75–1,25	1,5–2	2,5	3	4–5
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs
	Clamping screw for arbour-mounted tools		FS1523	FS1519	FS1519	FS1583

Accessories

	D_c [inch]	0,75–5	1	1,25	1,5	2
	Torque screwdriver, analogue	FS2004				
	Torque screwdriver, digital	FS2248				
	Interchangeable blade	FS2013 (T9IP)				
	Screwdriver	FS1484 (T9IP)				
	Torque wrench					FS1394

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P					M			K						N			S		
					HC					HC					HC			DP	HC	HW		HC	
				WKP25S	WKP35G	WKP35S	WPP35G	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WPP35G	WDN20	WXN15	WK10	WSM35G	WSM45X	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-G55	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		😐	😐		☹			☹				😐	😐							☹
	BCMT120408R-F55	M	2	☺	😐		☹	☹			☹	☺	😐	😐	😐		😐						☹
	BCMT120408R-K55	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

D2

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

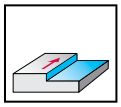
Shoulder milling cutters

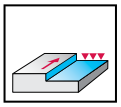
M5130 inch

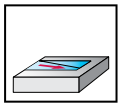
BC .. 1204 .. R

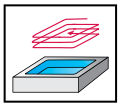
Xtra·tec® XT

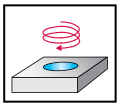
– 2 cutting edges per indexable insert



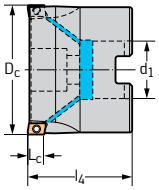








	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	M5130.127-B38-14-12	5,000	1,500	2,500		0,472	14	8,499	14	BC .. 1204 .. R

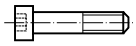
Bodies and assembly parts are included in the scope of delivery

D 2

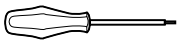
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

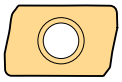
Assembly parts

	D_c [inch]	0,75–1,25	1,5–2	2,5	3	4–5
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs
	Clamping screw for arbour-mounted tools		FS1523	FS1519	FS1519	FS1583

Accessories

	D_c [inch]	0,75–5	1	1,25	1,5	2
	Torque screwdriver, analogue	FS2004				
	Torque screwdriver, digital	FS2248				
	Interchangeable blade	FS2013 (T9IP)				
	Screwdriver	FS1484 (T9IP)				
	Torque wrench					FS1394

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P					M			K						N			S		
					HC					HC					HC			DP	HC	HW		HC	
				WKP25S	WKP35G	WKP35S	WPP35G	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WPP35G	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G
	BCGT120408R-B85	G	1															😐					
	BCGT120408R-G55	G	2		😐	😐		☹	😐		☹	☺			😐	😐					😐		☹
	BCHT120404R-K85	H	2																☺	😐			
	BCHT120408R-K85	H	2																☺	😐			
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	BCHT120425R-K85	H	2																☺	😐			
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	BCHT120440R-K85	H	2																☺	😐			
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	BCMT120440R-G55	M	2		😐	😐		☹			☹				😐	😐							☹
	BCMT120408R-F55	M	2	☺	😐		☹	☹			☹	☺	😐	😐	😐		😐						☹
	BCMT120408R-K55	M	2		☺	☺		😐	☺		😐				😐	😐					☺		😐

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DP = Polycrystalline diamond
HW = Uncoated carbide

D2

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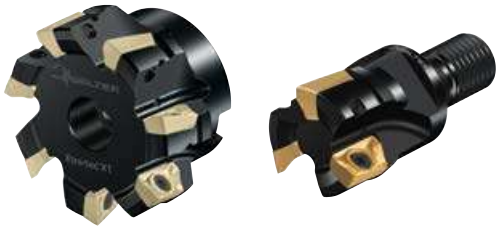
☺ 😐 ☹ / ★ = New addition to the product range

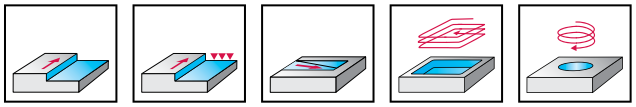
Shoulder milling cutters

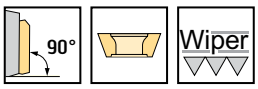
M5130 mm

BC .. 1605 .. R
Xtra·tec® XT

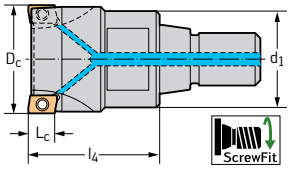
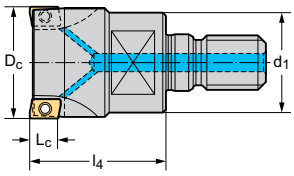
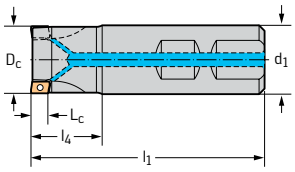
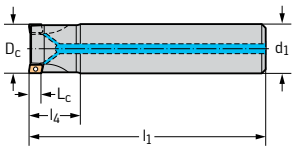
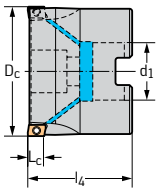


– 2 cutting edges per indexable insert





	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
 ScrewFit	M5130-032-T28-03-15	32	28	40		15	3	0,16	3	BC .. 1605 .. R
	M5130-040-T36-03-15	40	36	40		15	3	0,31	3	
	M5130-040-T36-04-15	40	36	40		15	4	0,3	4	
	M5130-050-T45-03-15	50	45	40		15	3	0,45	3	
	M5130-050-T45-05-15	50	45	40		15	5	0,43	5	
	M5130-050-T45-06-15	50	45	40		15	6	0,49	6	
 Cylindrical modular	M5130-032-TC16-03-15	32	28	40		15	3	0,15	3	BC .. 1605 .. R
	M5130-040-TC16-03-15	40	28	40		15	3	0,24	3	
	M5130-040-TC16-04-15	40	28	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	0,55	3	
 Cylindrical shank	M5130-025-A25-02-15	25	25	38	200	15	2	0,67	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	
 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	0,17	4	
	M5130-042-B16-03-15	42	16	40		15	3	0,19	3	
	M5130-050-B22-03-15	50	22	40		15	3	0,42	3	
	M5130-050-B22-05-15	50	22	40		15	5	0,27	5	
	M5130-050-B22-06-15	50	22	40		15	6	0,4	6	
	M5130-054-B22-03-15	54	22	40		15	3	0,5	3	
	M5130-063-B22-04-15	63	22	40		15	4	0,42	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 [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	32	40	50	160
Torque screwdriver, analogue	FS2003				
Torque screwdriver, digital	FS2248				
Interchangeable blade	FS2014 (T15IP)				
Screwdriver	FS1485 (T15IP)				
(incl. gasket + screws) Sealing disc set					FS936 SET KOMPLETT
Gasket					O-R 96X4
Torque wrench				FS1394	

Indexable inserts

Designation	Tolerance class	Number of cutting edges	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WPP35G	P HC WSP45G	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WPP35G	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
BCGT160508R-G51	G	2	2			😐			😐	☹				☹					😐			😐					☹	
BCGT160508R-G55	G	2	2			😐			😐	☹		😐		☹	☺				😐			😐			😐		☹	
BCHT160508R-K85	H	2	2																				☺	😐				
BCHT160512R-K85	H	2	1,7																				☺	😐				
BCHT160516R-K85	H	2	1,7																				☺	😐				
BCHT160520R-K85	H	2	1,5																				☺	😐				
BCHT160525R-K85	H	2	1,4																				☺	😐				
BCHT160530R-K85	H	2	1,2																				☺	😐				
BCHT160540R-K85	H	2	1,1																				☺	😐				
BCMT160508R-F55	M	2	2		☺	😐			😐	☹			☹	☹	☺		😐	😐	😐			😐				☹	☹	
BCMT160508R-G55	M	2	2		☺	😐			😐	☹		😐	☹	☹	☺		😐	😐	😐			😐			😐	☹	☹	
BCMT160512R-G55	M	2	1,7			😐			😐	☹			☹	☹					😐			😐				☹	☹	
BCMT160516R-G55	M	2	1,5			😐	😐			☹			☹	☹					😐	😐						☹	☹	
BCMT160520R-G55	M	2	1,5			😐	😐			☹			☹	☹					😐	😐						☹	☹	
BCMT160525R-G55	M	2	1,4			😐	😐			☹				☹					😐	😐							☹	
BCMT160530R-G55	M	2	1,2			😐			😐	☹				☹					😐			😐					☹	
BCMT160532R-G55	M	2	1,1			😐	😐			☹				☹					😐	😐							☹	
BCMT160540R-G55	M	2	1,1			😐	😐			☹			☹	☹					😐	😐						☹	☹	
BCMT160550R-G55	M	2	0,7			😐	😐			☹				☹					😐	😐							☹	
BCMT160560R-G55	M	2	0,1			😐			😐	☹			☹	☹					😐			😐				☹	☹	
BCMT160508R-G55W	M	2	2							☹			☹	☹												☹	☹	
BCMT160516R-G55W	M	2	1,5							☹			☹	☹												☹	☹	
BCMT160530R-G55W	M	2	1,2							☹			☹	☹												☹	☹	
BCMT160540R-G55W	M	2	1,5							☹			☹	☹												☹	☹	
BCMT160508R-K55	M	2	2			☺	☺			😐		☺		😐					😐	😐					☺		😐	
BCGX1605PDR-G55	G	2	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
BCGX1605PDR-G55 wiper insert only in combination with BCGT160508-G55

HC = Coated carbide
HW = Uncoated carbide

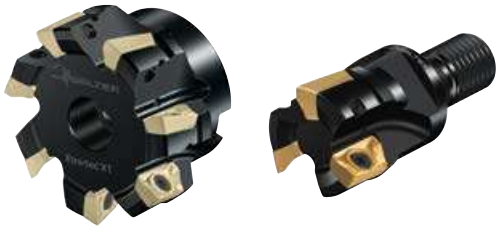
D2

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

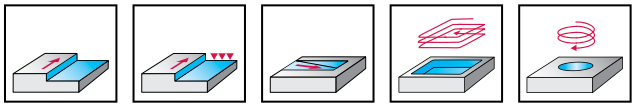
Shoulder milling cutters

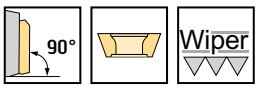
M5130 mm

BC .. 1605 .. R
Xtra·tec® XT



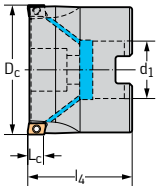
– 2 cutting edges per indexable insert





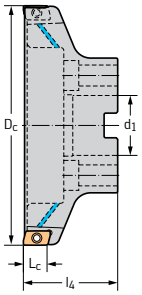
	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

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
M5130-063-B22-06-15	63	22	40		15	6	0,44	6	BC .. 1605 .. R
M5130-063-B22-07-15	63	22	40		15	7	0,45	7	
M5130-063-B27-04-15	63	27	50		15	4	0,61	4	
M5130-063-B27-06-15	63	27	50		15	6	0,64	6	
M5130-063-B27-07-15	63	27	50		15	7	0,86	7	
M5130-066-B27-04-15	66	27	50		15	4	0,88	4	
M5130-080-B27-05-15	80	27	50		15	5	1,14	5	
M5130-080-B27-07-15	80	27	50		15	7	0,96	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	1,5	5	
M5130-100-B32-08-15	100	32	50		15	8	1,62	8	
M5130-125-B40-07-15	125	40	63		15	7	3,97	7	
M5130-125-B40-10-15	125	40	63		15	10	2,67	10	
M5130-160-B40-08-15	160	40	63		15	8	3,69	8	BC .. 1605 .. R
M5130-160-B40-12-15	160	40	63		15	12	3,02	12	



Shell mill mount DIN 138 transverse keyway

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]	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	32	40	50	160
Torque screwdriver, analogue	FS2003				
Torque screwdriver, digital	FS2248				
Interchangeable blade	FS2014 (T15IP)				
Screwdriver	FS1485 (T15IP)				
(incl. gasket + screws) Sealing disc set					FS936 SET KOMPLETT
Gasket					O-R 96X4
Torque wrench				FS1394	

Indexable inserts

Designation	Tolerance class	Number of cutting edges	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WPM15G	P HC WPP35G	P HC WSP45G	M HC WPM15G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WPM15G	K HC WPP35G	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
BCGT160508R-G51	G	2	2			😐			😐	☹				☹					😐			😐					☹	
BCGT160508R-G55	G	2	2			😐			😐	☹		😐		☹	☺				😐			😐			😐		☹	
BCHT160508R-K85	H	2	2																				☺	😐				
BCHT160512R-K85	H	2	1,7																				☺	😐				
BCHT160516R-K85	H	2	1,7																				☺	😐				
BCHT160520R-K85	H	2	1,5																				☺	😐				
BCHT160525R-K85	H	2	1,4																				☺	😐				
BCHT160530R-K85	H	2	1,2																				☺	😐				
BCHT160540R-K85	H	2	1,1																				☺	😐				
BCMT160508R-F55	M	2	2		☺	😐			😐	☹			☹	☹	☺		😐	😐	😐			😐				☹	☹	
BCMT160508R-G55	M	2	2		☺	😐			😐	☹		😐	☹	☹	☺		😐	😐	😐			😐			😐	☹	☹	
BCMT160512R-G55	M	2	1,7			😐			😐	☹			☹	☹					😐			😐				☹	☹	
BCMT160516R-G55	M	2	1,5			😐	😐			☹			☹	☹					😐	😐						☹	☹	
BCMT160520R-G55	M	2	1,5			😐	😐			☹			☹	☹					😐	😐						☹	☹	
BCMT160525R-G55	M	2	1,4			😐	😐			☹				☹					😐	😐							☹	
BCMT160530R-G55	M	2	1,2			😐			😐	☹				☹					😐			😐					☹	
BCMT160532R-G55	M	2	1,1			😐	😐			☹				☹					😐	😐							☹	
BCMT160540R-G55	M	2	1,1			😐	😐			☹			☹	☹					😐	😐						☹	☹	
BCMT160550R-G55	M	2	0,7			😐	😐			☹				☹					😐	😐							☹	
BCMT160560R-G55	M	2	0,1			😐			😐	☹			☹	☹					😐			😐				☹	☹	
BCMT160508R-G55W	M	2	2							☹			☹	☹												☹	☹	
BCMT160516R-G55W	M	2	1,5							☹			☹	☹												☹	☹	
BCMT160530R-G55W	M	2	1,2							☹			☹	☹												☹	☹	
BCMT160540R-G55W	M	2	1,5							☹			☹	☹												☹	☹	
BCMT160508R-K55	M	2	2			☺	☺			😐		☺		😐					😐	😐					☺		😐	
BCGX1605PDR-G55	G	2	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
BCGX1605PDR-G55 wiper insert only in combination with BCGT160508-G55

HC = Coated carbide
HW = Uncoated carbide

D2

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

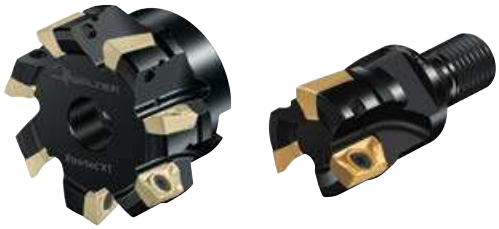
☺ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

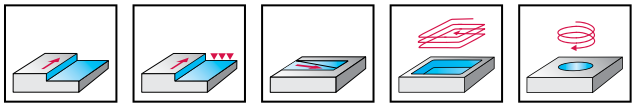
M5130 inch

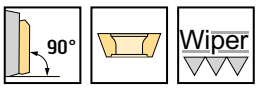
BC .. 1605 .. R

Xtra·tec® XT



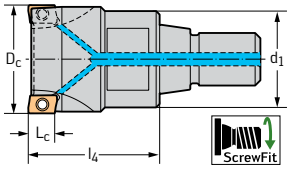
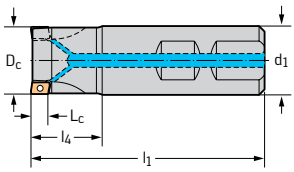
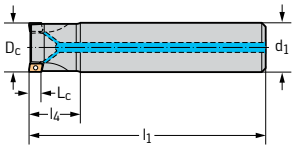
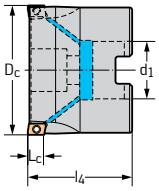
– 2 cutting edges per indexable insert





	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	1,417	1,500		0,591	3	0,661	3	BC .. 1605 .. R
	M5130.038-T36-04-15	1,500	1,417	1,500		0,591	4	0,701	4	
	M5130.051-T45-03-15	2,000	1,772	1,575		0,591	3	0,974	3	
	M5130.051-T45-06-15	2,000	1,772	1,575		0,591	6	1,016	6	
 DIN 1835 B	M5130.026-W19-02-15	1,000	0,750	1,85	3,878	0,591	2	0,419	2	BC .. 1605 .. R
	M5130.026-W26-02-15	1,000	1,000	1,850	4,131	0,591	2	0,719	2	
	M5130.031-W31-03-15	1,250	1,250	1,500	3,781	0,591	3	1,012	3	
	M5130.038-W31-03-15	1,500	1,250	1,730	4,011	0,591	3	1,243	3	
	M5130.038-W31-04-15	1,500	1,250	1,730	4,008	0,591	4	1,261	4	
 Cylindrical shank	M5130.026-A19-02-15	1,000	0,750	1,496	7,996	0,591	2	0,902	2	BC .. 1605 .. R
	M5130.026-A26-02-15	1,000	1,000	1,850	8,350	0,591	2	1,607	2	
	M5130.031-A31-03-15	1,250	1,250	1,500	9,87	0,591	3	3,201	3	
 Shell mill mount DIN 138 transverse keyway	M5130.051-B19-03-15	2,000	0,750	1,575		0,591	3	1,034	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	0,816	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 = ☹

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

Assembly parts

D_c [inch]	1	1,25–1,5	2	2,5–3	4–6
Clamping screw for indexable insert Tightening torque	FS1461 (T15IP) 1,844 lbs	FS2300 (T15IP) 2,581 lbs	FS1461 (T15IP) 1,844 lbs	FS2300 (T15IP) 2,581 lbs	FS2300 (T15IP) 2,581 lbs
Clamping screw for arbour-mounted tools			FS1523	FS1519	FS1583

Accessories

D_c [inch]	1–6	1,5	2
Torque screwdriver, analogue	FS2004		
Torque screwdriver, digital	FS2248		
Interchangeable blade	FS2014 (T15IP)		
Screwdriver	FS1485 (T15IP)		
Torque wrench			FS1394

Indexable inserts

Designation	Tolerance class	Number of cutting edges	b inch	P HC							M HC				K HC								N HC	N HW	S HC			H HC
				WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WPP35G	WSP45G	WPM15G	WSM35G	WSM45X	WSP45G	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WPP35G	WXN15	WK10	WSM35G	WSM45X	WSP45G	WHH15X
BCGT160508R-G51	G	2	0,079			😐			😐	☹				☹					😐			😐					☹	
BCGT160508R-G55	G	2	0,079			😐			😐	☹		😐		☹	☺				😐			😐			😐		☹	
BCHT160508R-K85	H	2	0,079																				☺	😐				
BCHT160512R-K85	H	2	0,067																				☺	😐				
BCHT160516R-K85	H	2	0,067																				☺	😐				
BCHT160520R-K85	H	2	0,059																				☺	😐				
BCHT160525R-K85	H	2	0,055																				☺	😐				
BCHT160530R-K85	H	2	0,047																				☺	😐				
BCHT160540R-K85	H	2	0,043																				☺	😐				
BCMT160508R-F55	M	2	0,079		☺	😐			😐	☹			☹	☹	☺		😐	😐	😐			😐				☹	☹	
BCMT160508R-G55	M	2	0,079		☺	😐			😐	☹		😐	☹	☹	☺		😐	😐	😐			😐			😐	☹	☹	
BCMT160512R-G55	M	2	0,067			😐			😐	☹			☹	☹					😐			😐				☹	☹	
BCMT160516R-G55	M	2	0,059			😐	😐			☹			☹	☹					😐	😐						☹	☹	
BCMT160520R-G55	M	2	0,059			😐	😐			☹			☹	☹					😐	😐						☹	☹	
BCMT160525R-G55	M	2	0,055			😐	😐			☹				☹					😐	😐							☹	
BCMT160530R-G55	M	2	0,047			😐			😐	☹				☹					😐			😐					☹	
BCMT160532R-G55	M	2	0,043			😐	😐			☹				☹					😐	😐							☹	
BCMT160540R-G55	M	2	0,043			😐	😐			☹			☹	☹					😐	😐						☹	☹	
BCMT160550R-G55	M	2	0,028			😐	😐			☹				☹					😐	😐							☹	
BCMT160560R-G55	M	2	0,004			😐			😐	☹			☹	☹					😐			😐				☹	☹	
BCMT160508R-G55W	M	2	0,079							☹			☹	☹												☹	☹	
BCMT160516R-G55W	M	2	0,059							☹			☹	☹												☹	☹	
BCMT160530R-G55W	M	2	0,047							☹			☹	☹												☹	☹	
BCMT160540R-G55W	M	2	0,057							☹			☹	☹												☹	☹	
BCMT160508R-K55	M	2	0,079			☺	☺			😐		☺		😐					😐	😐					☺		😐	
BCGX1605PDR-G55	G	2	0,315	☺				☺			☺				☺	☺					☺							☺

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
BCGX1605PDR-G55 wiper insert only in combination with BCGT160508-G55

HC = Coated carbide
HW = Uncoated carbide

D2

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

Rotating adaptors

NEW

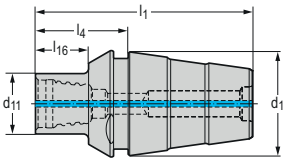
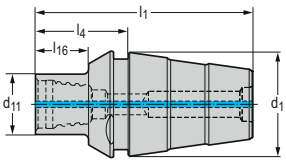
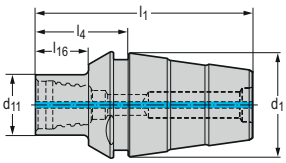
ER Collets DIN 6499

Designation	AB771-ER
Machine-side	DIN 6499
Tool-side	E10 - E25
Page in catalogue	239
QR code	
www.walter-tools.com/woc/	AB771-ER

ER Collets DIN 6499

AB771-ER mm

– For ConeFit milling cutter heads

Tool	Designation	d_1	d_1 mm	d_{11}	d_{11} mm	l_1 mm	l_4 mm	l_{16} mm	kg
 DIN 6499	★ AB771-ER16-E10-008	ER16	17	E10	9,6	35,7	14,9	7,2	0,08
	★ AB771-ER20-E10-008	ER20	21	E10	9,6	39,7	15,8	7,2	0,08
	★ AB771-ER20-E12-010	ER20	21	E12	11,6	41,7	17,8	9,2	0,1
 DIN 6499	★ AB771-ER25-E10-012	ER25	26	E10	9,6	46,2	20,3	7,2	0,13
	★ AB771-ER25-E12-014	ER25	26	E12	11,6	48,2	22,3	10,2	0,17
	★ AB771-ER25-E16-016	ER25	26	E16	15,4	50,2	24,3	14,2	0,19
 DIN 6499	★ AB771-ER32-E10-012	ER32	33	E10	9,6	52,4	21,5	7,4	0,19
	★ AB771-ER32-E12-014	ER32	33	E12	11,6	54,4	23,5	9,4	0,2
	★ AB771-ER32-E16-018	ER32	33	E16	15,4	58,4	27,5	13,4	0,28
	★ AB771-ER32-E20-022	ER32	33	E20	19,2	62,4	31,5	18,9	0,34
	★ AB771-ER32-E25-025	ER32	33	E25	24,1	65,4	34,5	25	0,24

E2

WALTER SELECT

●● Primary application ● Other application

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

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

Sustainable action in all Business divisions

Create the Change

Sustainability is an essential Requirement for Walter to be successful as a company on the market in the long term. It is therefore a key component of our corporate strategy. Our responsible person for sustainability encompasses all areas: from product recycling, sustainable packaging, energy efficiency and the reduction of CO_2 emissions to our commitment to health and safety and responsible behaviour towards our business partners.

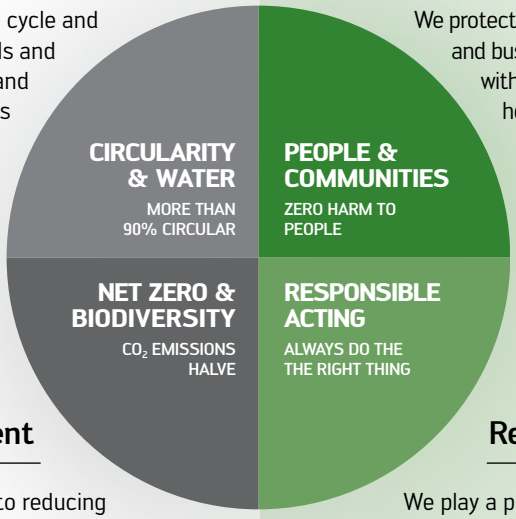
THE WALTER **SUSTAINABILITY GOALS** BY 2030

Circularity

We keep raw materials in the cycle and reuse them through circular business models and resources: e.g. through Reconditioning and recycling of tools tools, operating materials or packaging.

Human

We protect the health and safety of our employees and business partners and act in accordance with a fair Code of Conduct: e.g. by ensuring a healthy working environment and promoting diversity, equality and inclusion.



Environment

We make a significant contribution to reducing CO_2 emissions and thus our carbon footprint: e.g. by reducing or offsetting energy and emissions and sustainably optimising our processes.

Responsible person

We play a pioneering role in ethics, fairness and openness: e.g. by being transparent about sustainability goals and results and integrating compliance into our entire business operations.

PROVEN TO BE MANUFACTURED TO HIGH STANDARDS

All processes, procedures, methods and resources that we use are audited and evaluated by an independent body according to Hardness criteria: Occupational health and safety, Quality assurance and environmentally friendly behaviour are examples of this. Our social commitment shows that Walter takes his responsibility much further.

INTEGRITY NEXT

NQC

SILVER | Top 15% ecovadis Sustainability Rating JUL 2025

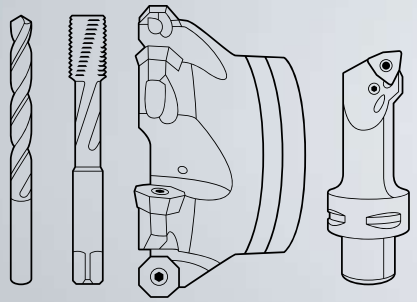
TYPE OF CERTIFICATION MARK DNV ISO 9001 • ISO 14001 ISO 45001 • ISO 50001

SCIENCE BASED TARGETS

Walter AG

Derendinger Straße 53, 72072 Tübingen
Postfach 2049, 72010 Tübingen
Germany

walter-tools.com



Europe

Walter Austria GmbH
Wien, Österreich
+43 1 5127300-0, service.at@walter-tools.com

Walter Benelux N.V./S.A.
Zaventem, Belgique
(B) +32 (02) 7258500
(NL) +31 (0) 900 26585-22
service.benelux@walter-tools.com

Walter (Schweiz) AG
Solothurn, Schweiz
+41 (0) 32 617 40 72, service.ch@walter-tools.com

Walter CZ s.r.o
Kurim, Czech Republic
+420 (0) 541 423352, service.cz@walter-tools.com

Walter Deutschland GmbH
Tübingen, Deutschland
+49 (0) 7071 701-400, service.de@walter-tools.com

Walter France
Soultz-sous-Forêts, France
+33 (0) 3 88 80 20 00, service.fr@walter-tools.com

Walter Hungária Kft.
Budapest, Magyarország
+36 1 464 7160, service.hu@walter-tools.com

Walter Tools Ibérica S.A.U.
El Prat de Llobregat, España
+34 934 796760, service.iberica@walter-tools.com

Walter Italia s.r.l.
Via Volta, s.n.c., 22071 Cadorago - CO, Italia
+39 031 926-111, customerservice.wit@walter-tools.com

Walter Norden AB
Halmstad, Sweden
+46 (0) 35 16 53 00, service.norden@walter-tools.com

Walter Polska Sp. z o.o.
Warszawa, Polska
+48 (0) 22 8520495, service.pl@walter-tools.com

Walter Tools SRL
Timisoara, România
+40 (0) 256 406218, service.ro@walter-tools.com

Walter Tools d.o.o.
Maribor, Slovenija
+386 (2) 629 01 30, service.si@walter-tools.com

Walter Slovakia, s.r.o.
Nitra, Slovakia
+421 (0) 37 3260 910, service.sk@walter-tools.com

Walter Kesici Takımlar Sanayi ve Ticaret Ltd. Şti.
Bursa, Türkiye
+90 (0) 224 909 5000 Pbx, service.tr@walter-tools.com

Walter GB Ltd.
Bromsgrove, England
+44 (1527) 839 450, service.uk@walter-tools.com

Asia

Walter Wuxi Co. Ltd.
Wuxi, Jiangsu, P.R. China
+86 (510) 853 72199, service.cn@walter-tools.com

Walter Wuxi Co. Ltd.
中国江苏省无锡市新区新畅南路 3 号
电话：+86-510-8537 2199 邮编：214028
客服热线：400 1510 510
邮箱：service.cn@walter-tools.com

Walter Tools India Pvt. Ltd.
Pune, India
+91 (20) 6773 7300, service.in@walter-tools.com

Walter Japan K.K.
Nagoya, Japan
+81 (52) 533 6135, service.jp@walter-tools.com

ワルタージャパン株式会社
名古屋市中村区名駅二丁目 45 番 7 号
+81 (0) 52 533 6135, service.jp@walter-tools.com

Walter Korea Ltd.
Anyang-si Gyeonggi-do, Korea
+82 (31) 337 6100, service.wkr@walter-tools.com

한국발터(주)
경기도 안양시 동안구 학의로 282
금강펜테리움 106호 14056
+82 (0) 31 337 6100, service.wkr@walter-tools.com

Walter Malaysia Sdn. Bhd.
Selangor D.E., Malaysia
+60(3)-5624 4265, service.my@walter-tools.com

Walter AG Singapore Pte. Ltd.
+65 6773 6180, service.sg@walter-tools.com

Walter (Thailand) Co., Ltd.
Bangkok, 10120, Thailand
+66 2 687 0388, service.th@walter-tools.com

America

Walter do Brasil Ltda.
Sorocaba – SP, Brasil
+55 15 32245700, service.br@walter-tools.com

Walter Canada
Mississauga, Canada
service.ca@walter-tools.com

Walter Tools S.A. de C.V.
El Marqués, Querétaro, México
+52 (442) 478-3500, service.mx@walter-tools.com

Walter USA, LLC
Greer, SC, USA
+1 800-945-5554, service.us@walter-tools.com

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