WALTER
Engineering Kompetenz

Industry-specific solution

Mould and die making

_ SHAPING THE FUTURE – WITH INNOVATIVE TOOL SOLUTIONS

We get your workpieces into shape.

How to find and order your tool solution:

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

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

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

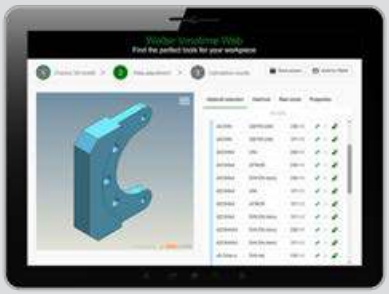
Walter online catalogue

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

Walter GPS

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

Walter Innotime®



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

Digital ordering methods

TOOLSHOP

EDI B2B

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

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Technologies at Walter

Accure·tec®

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

Drion·tec™

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

Krato·tec™

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

Tiger·tec® Gold

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

Tiger·tec® Silver

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

Thrill·tec™

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

Walter BLAXX

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

Walter Green

Walter Green: Sustainability and responsible use of resources are central components of our company principles. We use our "Walter Green" seal to show how we implement these principles – such as by offsetting our CO_2 emissions with environmental conservation projects.

Walter Xpress

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

Walter Precision XT

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

Walter Boring XT

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

XD Technology

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

Xill·tec®

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

Xtra·tec®

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

Xtra·tec®XT

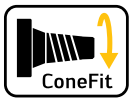
Xtra·tec® XT is the latest generation of Walter milling tools. As the "Xtended" Xtra·tec® technology, it offers a completely new perspective on productivity and process reliability. It can cover nearly all milling operations in every common material group: More reliable, productive, cost-efficient than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

X·treme Evo

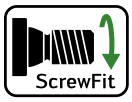
For Walter, the X·treme Evo DC260 & DC160 Advance solid carbide drills as well as the X·treme Evo Plus DC180 Supreme and X·treme Evo 3 DC183 Supreme are the embodiment of the "next generation of drilling", offering versatility for a wide range of materials and machine concepts – with outstanding tool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

Technologies at Walter (continued)

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



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

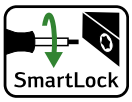


Walter ScrewFit users benefit from maximum flexibility. Its modular interface is suitable for a wide variety of boring bars and adaptors and a wide range of tool diameters and lengths for milling and drilling.

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

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

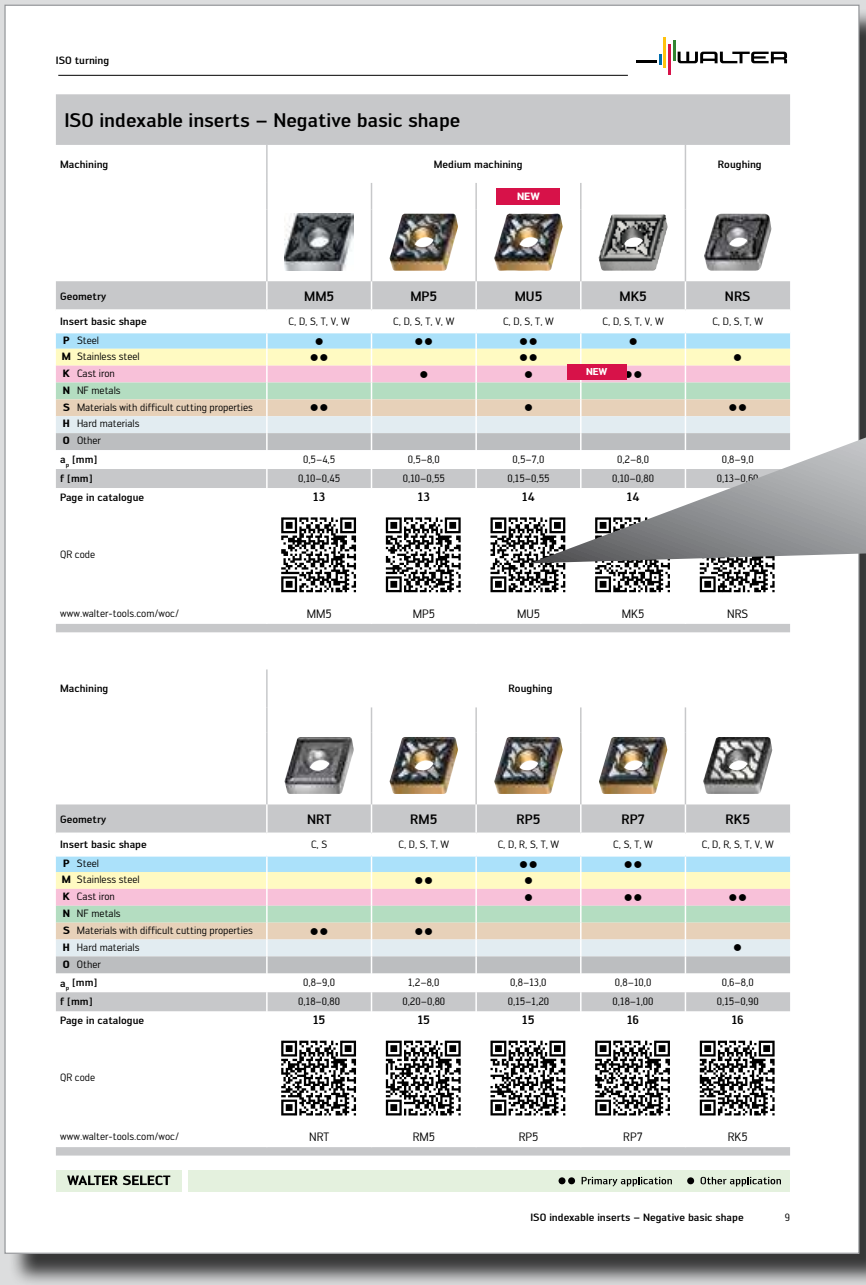
“Flash” refers to specialised solid carbide milling cutters for high-feed milling. Their end-face geometry reduces the chip thickness “h” and therefore enables an extremely high feed per tooth. Forces that occur are diverted axially towards the centre of the tool, which helps to stabilise the machining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



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

The structure of the new Walter General Catalogue

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



ISO turning

WALTER

ISO indexable inserts – Negative basic shape

Machining	Medium machining				Roughing
			NEW		
Geometry	MM5	MP5	MU5	MK5	NRS
Insert basic shape	C, D, S, T, V, W	C, D, S, T, V, W	C, D, S, T, W	C, D, S, T, V, W	C, D, S, T, W
P Steel	●	●●	●●	●	
M Stainless steel	●●		●●		●
K Cast iron		●	●	NEW ●●	
N NF metals					
S Materials with difficult cutting properties	●●		●		●●
H Hard materials					
O Other					
a_p [mm]	0,5–4,5	0,5–8,0	0,5–7,0	0,2–8,0	0,8–9,0
f [mm]	0,10–0,45	0,10–0,55	0,15–0,55	0,10–0,80	0,13–0,60
Page in catalogue	13	13	14	14	
QR code					
www.walter-tools.com/woc/	MM5	MP5	MU5	MK5	NRS

Machining	Roughing				
Geometry	NRT	RM5	RP5	RP7	RK5
Insert basic shape	C, S	C, D, S, T, W	C, D, R, S, T, W	C, S, T, W	C, D, R, S, T, V, W
P Steel			●●	●●	
M Stainless steel		●●	●		
K Cast iron			●	●●	●●
N NF metals					
S Materials with difficult cutting properties	●●	●●			
H Hard materials					●
O Other					
a_p [mm]	0,8–9,0	1,2–8,0	0,8–13,0	0,8–10,0	0,6–8,0
f [mm]	0,18–0,80	0,20–0,80	0,15–1,20	0,18–1,00	0,15–0,90
Page in catalogue	15	15	15	16	16
QR code					
www.walter-tools.com/woc/	NRT	RM5	RP5	RP7	RK5

WALTER SELECT ●● Primary application ● Other application

ISO indexable inserts – Negative basic shape 9

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

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

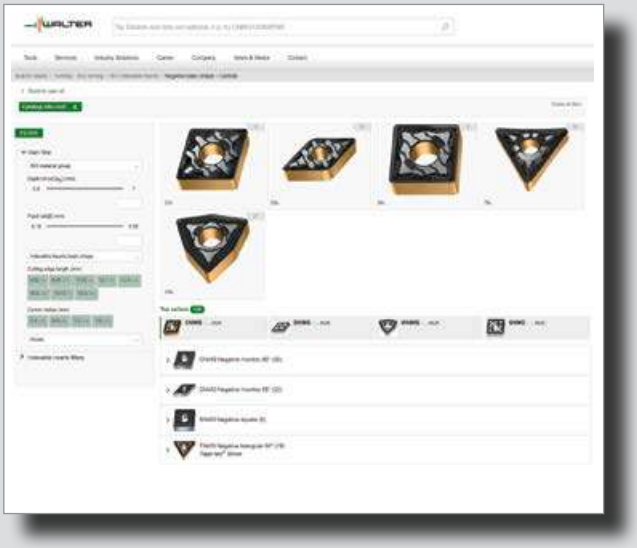
NEW Tools with this icon are product innovations and are displayed in this way in the product range overviews.

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

Scan the QR code

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

MU5



Direct link

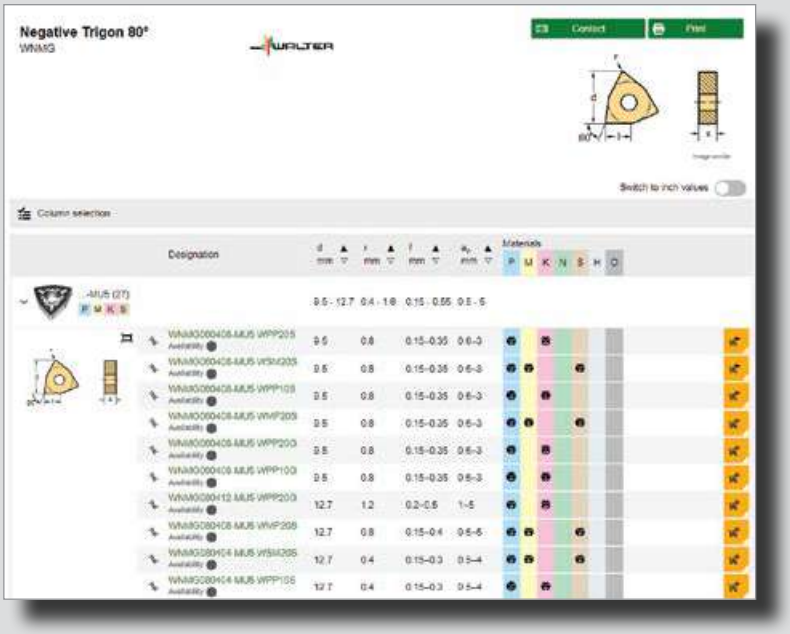
As well as scanning the QR code, you can also type the link directly into your browser:

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

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

Detailed overview of product data

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



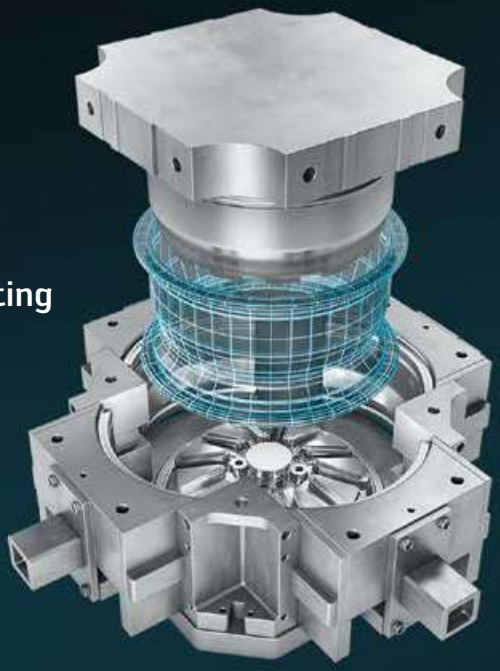
_ WALTER SOLUTIONS FOR MOULD AND DIE MAKING

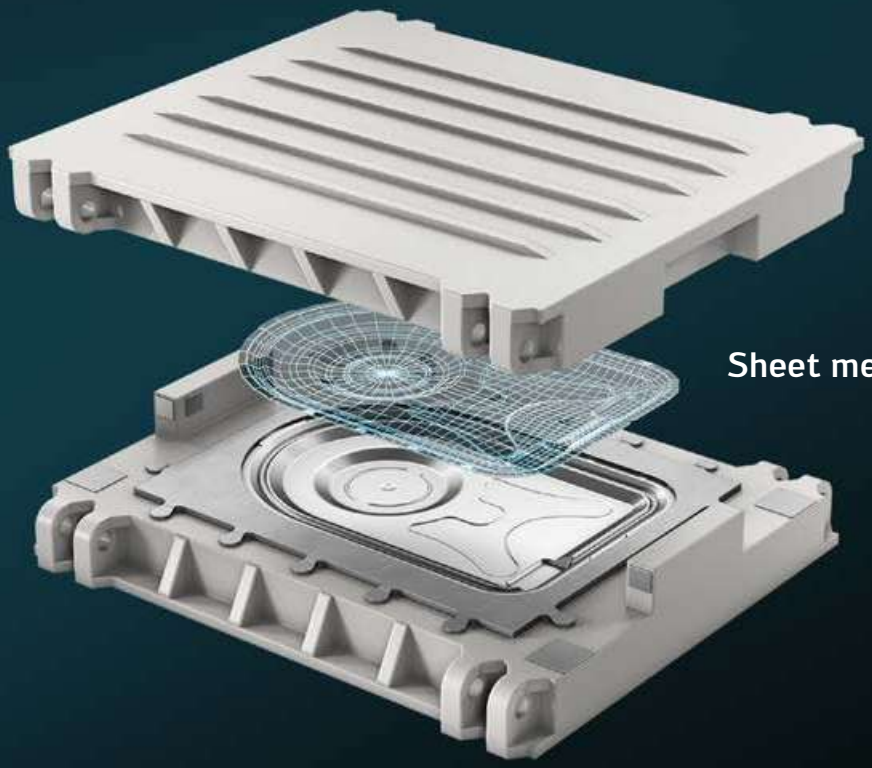
THE FUTURE AT ITS BEST.

Forging

Plastic injection moulding

Metal die casting





Sheet metal forming

Ever faster model changes, constant new requirements for the look and feel of the components, ever more wear resistant materials – with ever shorter changeover and delivery times: Mould and die making faces challenges that can only be overcome with suitably equipped machines and state of the art tools. Walter has them!

In this catalogue we would like to present them to you today: Milling cutters, drills and threading tools that are precisely tailored to the needs of mould and die making. No matter whether you want to process abrasive glass fibre materials, machine hard steels or machine special profiles, e.g. deep cavities, with tools from Walter, you shape the future.

Moulds and dies do not forgive mistakes, because they are often produced individually or in very small quantities. It's good to be able to access a unique tool database as early as the process simulation stage, in addition to premium tools.

Do you have the highest standards for flexibility, productivity and process reliability? With Walter, you can be sure of meeting these requirements.

PEAK PERFORMANCE IN PLASTIC INJECTION MOULDING.

Illustrative highlights

DC170 Supreme solid carbide drill

Productivity and accuracy are key when manufacturing temperature control channels for plastic injection moulds. The DC170 Supreme with its patented land design is the tool of choice here. Thanks to its minimal runout, temperature control channels can be placed very close to the mould contour, which ensures optimum temperature control.

MC388 Advance solid carbide milling cutter

Mould inserts are often made from hardened semi-finished products. This means that the final contour, including all cavities, must be produced with the highest possible surface quality. This eliminates the need for erosion processes and minimises the polishing work. With the Walter MC388 Advance, ISO H materials from 52 to 65 HRC can be machined economically and reliably, with maximised performance.

Walter tools machine injection moulds cost effectively – from ejector bolts to centring rings

Walter Precision XT B5110 precision boring tool

Column guides require high-precision through holes, which also place high demands on surface quality. Walter precision boring tools offer the best possibilities for producing them quickly and cost efficiently. Thanks to a wide range of indexable inserts and simple diameter adjustment, you can react quickly to changing requirements.

STRONG IN FORGING.

Illustrative highlights

Xtra·tec® XT M5008 high feed milling cutter

The M5008 achieves the highest metal removal rates that are common when roughing forging dies. Thanks to numerous insert grades (including WHH15X with maximum performance in hard machining), the milling cutter can be optimised to all conditions and reduce vibration due to the maximum number of teeth and minimal tool displacement forces. Thanks to four useable cutting edges, it is also hugely cost efficient.

D4120 indexable insert drill

Bores for transport and mounting must be produced quickly and reliably. The D4120 is the first choice for this process. Its hardened and polished surfaces ensure reliable chip removal and therefore maximum process reliability. Excellent surface quality can be achieved, where required, by using wiper cutting edges. Four useable cutting edges ensure long tool life and low cutting tool material costs.

Walter's efficient tool solutions enable the best surface qualities and therefore high quality forging results

T2711 thread milling cutter

The T2711 multi-row thread milling cutter is ideal for connecting threads with large diameters. Its benefits: Short machining times, maximum tool life and maximum productivity. The easy handling and minimal radius corrections increase process reliability. Thanks to its high operational smoothness, high quality threads in various pitches and lengths can be achieved. This offers you great flexibility to meet changes in thread sizes.

TOP MARKS IN SHEET METAL FORMING.

Illustrative highlights

Xtra·tec® XT M5468 button insert milling cutter

For large workpieces, e.g. in sheet metal forming, the M5468 impresses with its round inserts and stable configuration, whether it's opening cavities or HSC machining. It enables high feeds and cutting performance when roughing difficult to cut materials. Up to eight cutting edges can be used reliably because they are indexed via facets. This extends tool life and increases cost efficiency.

Accure·tec® vibration damped milling adaptor

Narrow interfering contours and deep pockets are often found on workpieces in mould making. Accure·tec® vibration damped adaptors are specially designed for vibration free milling where long overhangs are necessary. Their damping elements randomly mounted axially and radially ensure a stable process producing little noise. Preset at manufacturing and versatile thanks to various interfaces.

Cutting edge precise sheet metal forming – with premium high-performance tools from Walter

Xtra·tec® XT M5460 profile milling cutter

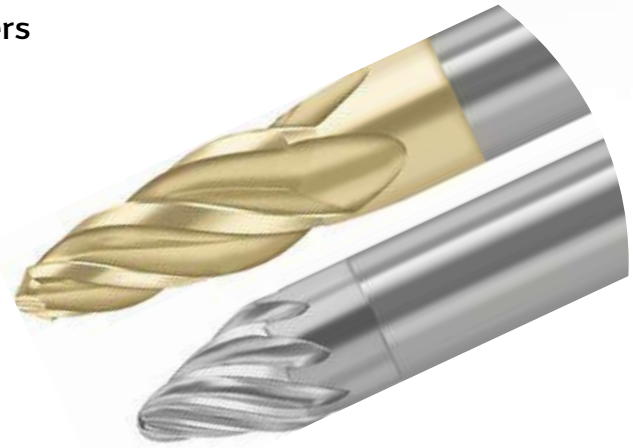
The M5460 is the first choice for materials with difficult cutting properties and hard machining of steels up to 63 HRC. For freeform surfaces and deep cavities, the internal coolant channel enables chip removal by means of compressed air or MQL. In addition to Weldon and cylindrical shanks, the M5460 is also available with a cylindrical modular interface. Thanks to the new geometry and Walter's own WHH15X grade, the milling cutter achieves tool life increases of up to 500 %.

MASTER OF METAL DIE CASTING.

Illustrative highlights

MD838/839 Supreme circle segment milling cutters

Thanks to optimised spacing between rows and CAM strategies, Walter circle segment milling cutters reduce the machining time in finishing and semi-finishing by up to 90 %. New geometries with large radii in the cutting area and a high number of teeth enable an excellent step-over distance capability and a high surface quality, e.g. when finishing steep walls or deep cavities – with maximum stability, productivity and process reliability.



TC685 Supreme orbital drill/thread mill

The TC685 Supreme is the specialist for hard machining of hardened steels from 44 to 65 HRC. It enables core holes and threads to be produced in one operation and is suitable for all ISO materials from groups H, P, S and K. Due to long tool life with maximum process reliability, it reduces the cost per thread, also saving space in the machine due to its dual functionality.

Minimises step formation and subsequent polishing processes – due to precise freeform machining with Walter tools

MD133 Supreme solid carbide shoulder milling cutter

Whether high metal removal rates or automated production, the MD133 Supreme is specially designed for the requirements of dynamic milling. As a problem solver for materials with difficult cutting properties or where unstable conditions exist, it reduces machining times while maximising productivity. The entire cutting edge length is used, ensuring uniform wear behaviour and therefore maximum cost efficiency.

A – Turning

A1: ISO turning		Page
Indexable inserts	Product range overview	
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	Order pages	
	ISO indexable inserts – Positive basic shape	22

A2: Grooving		Page
Cutting inserts	Product range overview	
	Cutting inserts	23
	Order pages	
	Cutting inserts	24

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

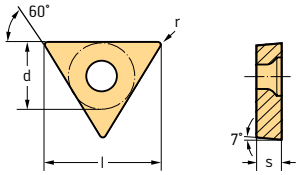
Machining	Finishing operation			Medium machining	
Geometry	**FM4**	**FM6**	**FK6**	**MM4**	**MK4**
Indexable inserts basic shape	T	T	T	T	T
P Steel	●	●	●	●	●
M Stainless steel	●●	●●	●	●●	●
K Cast iron			●●	●	●●
N NF metals					
S Materials with difficult cutting properties	●●	●●	●	●●	●
H Hard materials					
O Other					
a_p [mm]	0,1–1,5	0,5–2,5	0,5–2,0	0,5–3,0	0,5–3,0
f [mm]	0,08–0,20	0,12–0,32	0,10–0,25	0,12–0,32	0,12–0,32
Page in catalogue	22	22	22	22	22
QR code					
www.walter-tools.com/woc/	FM4	FM6	FK6	MM4	MK4

Machining	Roughing		
Geometry	**RM4**	**RK4**	**RK6**
Indexable inserts basic shape	T	T	T
P Steel	●	●	
M Stainless steel	●●	●	
K Cast iron	●	●●	●●
N NF metals			
S Materials with difficult cutting properties	●●	●	
H Hard materials			●
O Other			
a_p [mm]	0,6–4,0	0,6–4,0	0,6–4,0
f [mm]	0,16–0,35	0,16–0,35	0,16–0,35
Page in catalogue	22	22	22
QR code			
www.walter-tools.com/woc/	RM4	RK4	RK6

WALTER SELECT

●● Primary application ● Other application

Positive triangular 60°
TCMT / TCMW
Tiger·tec® Silver



Indexable inserts

	Designation	l mm	r mm	f mm	a_p mm	P HC WMP20S	M HC WSM10S	M HC WMP20S	M HC WSM20S	M HC WSM30S	K HC WKK10S	K HC WKK20S	S HC WSM10S	S HC WSM20S	S HC WSM30S
	TCMT110208-FM4	11	0,8	0,08–0,20	0,1–1,5		☺		😐	☹			☺	😐	☹
	TCMT16T308-FM4	16,5	0,8	0,08–0,20	0,1–1,5	😐	☺	😐	😐	☹			☺	😐	☹
	TCMT110208-FM6	11	0,8	0,12–0,30	0,5–1,6				😐	☹				😐	☹
	TCMT16T308-FM6	16,5	0,8	0,12–0,32	0,5–2,5				😐					😐	
	TCMT110208-FK6	11	0,8	0,10–0,20	0,5–2,0						☺	😐			
	TCMT16T308-FK6	16,5	0,8	0,10–0,25	0,5–2,0						☺	😐			
	TCMT110208-MM4	11	0,8	0,12–0,30	0,5–2,0				😐					😐	
	TCMT16T308-MM4	16,5	0,8	0,12–0,32	0,5–3,0	😐	☺	😐	😐				☺	😐	
	TCMT110208-MK4	11	0,8	0,12–0,30	0,5–2,0						☺	😐			
	TCMT16T308-MK4	16,5	0,8	0,12–0,32	0,5–3,0						☺	😐			
	TCMT110208-RM4	11	0,8	0,16–0,30	0,6–3,0	😐		😐	😐	☹				😐	☹
	TCMT16T308-RM4	16,5	0,8	0,16–0,35	0,6–4,0	😐	☺	😐	😐	☹			☺	😐	☹
	TCMT110208-RK4	11	0,8	0,16–0,30	0,6–3,0						☺	😐			
	TCMT16T308-RK4	16,5	0,8	0,16–0,35	0,6–4,0						☺	😐			
	TCMW16T308-RK6	16,5	0,8	0,16–0,35	0,6–4,0						☺	😐			

See the ISO 1832 designation key for dimensions
Ordering example for the grade WSM10S: TCMT110208-FM4 WSM10S

HC = Coated carbide

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

A2

Cutting inserts

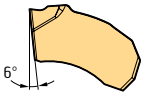
System	SX		
Machining	**High feed**	**Low feed**	**Medium feed**
Geometry	**CE4**	**SK8**	**SF5**
P Steel	●●		●●
M Stainless steel	●		●●
K Cast iron	●●		●
N NF metals	●	●●	●●
S Materials with difficult cutting properties	●	●	●●
H Hard materials	●		
O Other			●
Insert width s [mm]	1,5–5,0	1,5–5,0	1,5–5,0
a_p [mm]			
f [mm]	0,03–0,35	0,03–0,25	0,03–0,25
Page in catalogue	**548**	**548**	**548**
QR code			
www.walter-tools.com/woc/	CE4	SK8	SF5

WALTER SELECT

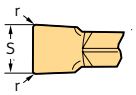
●● Primary application ● Other application

A2

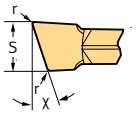
Grooving and parting off – cutting inserts
SX
Tiger·tec® Silver



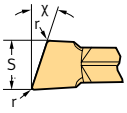
SX...N



SX...R



SX...L



Cutting inserts

	Designation	s mm	r mm	κ	f mm	S_{Tol} mm	l_{Tol} mm	P HC WKP23S	P HC WSM23S	P HC WSM33S	P HC WSM43S	M HC WSM23S	M HC WSM33S	M HC WSM43S	K HC WKP23S	S HC WSM23S	S HC WSM33S	S HC WSM43S
	SX-1E150N01-CE4	1,5	0,15		0,03–0,12	±0,05	±0,1			😐			😐				😐	
	SX-2E200N02-CE4	2	0,2		0,06–0,15	±0,05	±0,1	😊	😊	😐	☹	😊	😐	☹	😊	😊	😐	☹
	SX-2E260N03-CE4	2,6	0,3		0,06–0,18	±0,05	±0,1			😐			😐				😐	
	SX-3E300N02-CE4	3	0,2		0,09–0,30	±0,05	±0,1	😊	😊	😐	☹	😊	😐	☹	😊	😊	😐	☹
	SX-3E310N03-CE4	3,1	0,3		0,09–0,30	±0,05	±0,1			😐	☹		😐	☹			😐	☹
	SX-4E400N02-CE4	4	0,2		0,10–0,32	±0,05	±0,1	😊	😊	😐	☹	😊	😐	☹	😊	😊	😐	☹
	SX-4E410N03-CE4	4,1	0,3		0,10–0,32	±0,05	±0,1			😐			😐				😐	
	SX-4E480N03-CE4	4,8	0,3		0,12–0,35	±0,05	±0,1			😐			😐				😐	
	SX-5E500N04-CE4	5	0,4		0,12–0,35	±0,05	±0,1	😊		😐	☹		😐	☹	😊		😐	☹
	SX-2E200R6-CE4	2	0,2	6	0,06–0,10	±0,05	±0,1			😐			😐				😐	
	SX-3E300R6-CE4	3	0,2	6	0,09–0,20	±0,05	±0,1	😊		😐	☹		😐	☹	😊		😐	☹
	SX-4E400R6-CE4	4	0,2	6	0,10–0,22	±0,05	±0,1			😐	☹		😐	☹			😐	☹
	SX-5E500R6-CE4	5	0,4	6	0,12–0,25	±0,05	±0,1			😐			😐				😐	
	SX-3E300L6-CE4	3	0,2	6	0,09–0,20	±0,05	±0,1			😐			😐				😐	
	SX-4E400L6-CE4	4	0,2	6	0,10–0,22	±0,05	±0,1			😐			😐				😐	

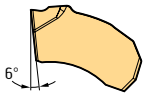
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WSM33S: SX-1E150N01-CE4 WSM33S

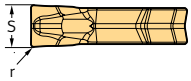
HC = Coated carbide

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

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

Slitting – cutting inserts
SX
Tiger·tec® Silver





A2

Cutting inserts

	Designation	s mm	r mm	f mm	S_{Tol} mm	l_{Tol} mm	P HC WSM33S	P HC WSM43S	M HC WSM33S	M HC WSM43S	N HW WK1	S HC WSM33S	S HC WSM43S
	SX-1E150N01-SK8	1,5	0,1	0,03–0,08	±0,02	±0,05					😐		
	SX-2E200N02-SK8	2	0,2	0,05–0,10	±0,02	±0,05					😐		
	SX-3E300N02-SK8	3	0,2	0,05–0,15	±0,02	±0,05					😐		
	SX-4E400N02-SK8	4	0,2	0,05–0,20	±0,02	±0,05					😐		
	SX-5E500N04-SK8	5	0,4	0,05–0,25	±0,02	±0,05					😐		
	SX-1E150N01-SF5	1,5	0,15	0,03–0,10	±0,05	±0,1	😐		😐			😐	
	SX-2E200N02-SF5	2	0,2	0,06–0,15	±0,05	±0,1	😐	☹	😐	☹		😐	☹
	SX-3E300N02-SF5	3	0,2	0,08–0,20	±0,05	±0,1	😐	☹	😐	☹		😐	☹
	SX-4E400N02-SF5	4	0,2	0,10–0,22	±0,05	±0,1	😐	☹	😐	☹		😐	☹
	SX-5E500N04-SF5	5	0,4	0,10–0,25	±0,05	±0,1	😐	☹	😐	☹		😐	☹

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WK1: SX-1E150N01-SK8 WK1

HC = Coated carbide
HW = Uncoated carbide

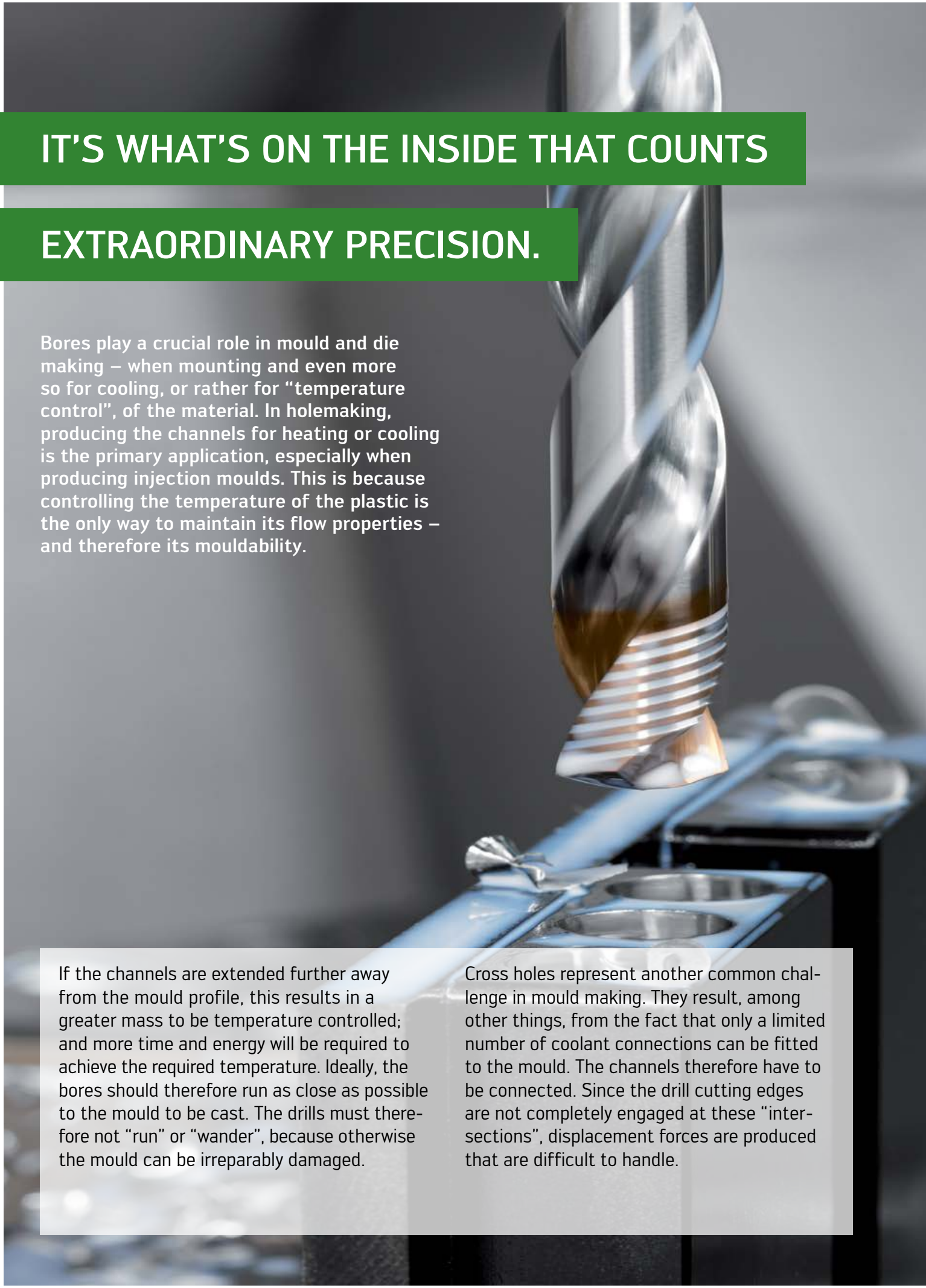
WALTER SELECT Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

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

IT'S WHAT'S ON THE INSIDE THAT COUNTS

EXTRAORDINARY PRECISION.

Bores play a crucial role in mould and die making – when mounting and even more so for cooling, or rather for "temperature control", of the material. In holemaking, producing the channels for heating or cooling is the primary application, especially when producing injection moulds. This is because controlling the temperature of the plastic is the only way to maintain its flow properties – and therefore its mouldability.



If the channels are extended further away from the mould profile, this results in a greater mass to be temperature controlled; and more time and energy will be required to achieve the required temperature. Ideally, the bores should therefore run as close as possible to the mould to be cast. The drills must therefore not "run" or "wander", because otherwise the mould can be irreparably damaged.

Cross holes represent another common challenge in mould making. They result, among other things, from the fact that only a limited number of coolant connections can be fitted to the mould. The channels therefore have to be connected. Since the drill cutting edges are not completely engaged at these "intersections", displacement forces are produced that are difficult to handle.

THE BENEFITS OF WALTER DRILLING AND REAMING TOOLS

Solid carbide drills:

Versatility due to wide range of drills: All commercially available shank variants; dimensions of up to 50 × D_C as standard and up to 70 × D_C as a custom version.

Innovative drill geometries and cooling concepts ensure maximum tool life and cost efficiency.

Lands located close to the drill point optimise the drilling quality on the component due to improved drill guidance.

Solid carbide drills such as the DC170 Supreme are suitable for all steel and cast iron workpieces and ensure maximum protection against breakage due to maximum carbide mass behind the cutting edge.

Regrinding up to three times in Walter Reconditioning Centres reduces costs and maximises the service life of the tool.

Indexable and exchangeable insert drills:

Indexable insert drills are the first choice for large diameter holes – and where solid carbide drills are not suitable, either due to technology limits or costs.

For medium diameters, exchangeable insert drills (compared to indexable insert drills), which have two cutting edges, can achieve 100 % more power compared to drills with just one.

High cost efficiency by replacing the indexable or exchangeable inserts instead of replacing the entire drill.

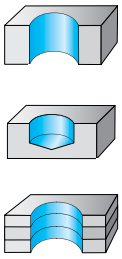
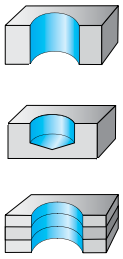
Drill specification and easy changeover to new materials through a wide range of inserts.

B – Drilling

B1: Drilling from solid		Page
Solid carbide drilling and reaming tools	Product range overview	
	Solid carbide drills – with internal coolant	29
	Solid carbide drills – without internal coolant	30
	Order pages	
	Solid carbide drills – with internal coolant	31
	Solid carbide drills – without internal coolant	128
Indexable inserts for holemaking	Replaceable inserts	161
	Indexable inserts for holemaking	175
Boring tools with indexable inserts	Product range overview	
	Indexable insert drills	180
	Order pages	
	Drills with indexable inserts	184

B2: Boring and precision boring		Page
Indexable inserts for boring and precision boring	Order pages	
	Indexable inserts for boring and precision boring	228
Tools for boring and precision boring	Product range overview	
	Precision boring	230
	Order pages	
	Precision boring	232

Solid carbide drills with internal coolant

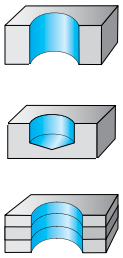
			
Drilling depth	**3 x D_C**	**3 x D_C**	**3 x D_C**
Designation	DC180 Supreme X-treme Evo Plus	DC160 Advance X-treme Evo	DC150 Perform
Additional services	R	R	R
Standard	DIN 6537 K	DIN 6537 K	DIN 6537 K
Coating / grade	WJ30EZ	WJ30ET	WJ30RE
Shank	DIN 6535 HA	DIN 6535 HE	DIN 6535 HE, turned 180° DIN 6535 HB
Diameter range [mm]	0,7–25	3–25	3–20
P Steel	●●	●●	●●
M Stainless steel	●●	●	●
K Cast iron	●●	●●	●●
N NF metals	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●
H Hard materials	●●	●	●
O Other	●	●	●
Page in catalogue	**31**	**37**	**45**
QR code			
www.walter-tools.com/woc/	DC180	DC160	DC150

WALTER SELECT

●● Primary application ● Other application

B1

Solid carbide drills without internal coolant



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

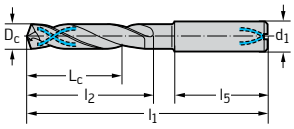
Designation	DC160 Advance X-treme Evo	DC160 Advance X-treme Evo	DC150 Perform	DC150 Perform
Additional services	R	R	R	
Standard	DIN 6537 K	DIN 6537 K	DIN 6537 K	DIN 6539
Coating / grade	WJ30ET	WJ30ET	WJ30RE	WJ30RE
Shank	DIN 6535 HA	DIN 6535 HE	DIN 6535 HE, turned 180° DIN 6535 HB	Cylindrical shank
Diameter range [mm]	0,5–25	3–25	3–20	1,5–2,9
P Steel	●●	●●	●●	●●
M Stainless steel	●●		●	●
K Cast iron	●●	●●	●●	●●
N NF metals	●●	●	●	●
S Materials with difficult cutting properties	●	●	●	●
H Hard materials	●	●	●	●
O Other	●	●	●	●
Page in catalogue	**130**	**130**	**139**	**138**
QR code				
www.walter-tools.com/woc/	DC160	DC160	DC150	DC150

WALTER SELECT ●● Primary application ● Other application

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

– with innovative Krato-tec™ multilayer coating

Tool

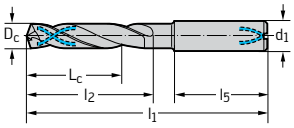


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EZ
DC180-03-03.000A1-	3		14	62	20	36	6	●
DC180-03-03.100A1-	3,1		14	62	20	36	6	●
DC180-03-03.175A1-	3,175	1/8"	14	62	20	36	6	●
DC180-03-03.200A1-	3,2		14	62	20	36	6	●
DC180-03-03.300A1-	3,3		14	62	20	36	6	●
DC180-03-03.400A1-	3,4		14	62	20	36	6	●
DC180-03-03.500A1-	3,5		14	62	20	36	6	●
DC180-03-03.572A1-	3,572	9/64"	14	62	20	36	6	●
DC180-03-03.600A1-	3,6		14	62	20	36	6	●
DC180-03-03.700A1-	3,7		14	62	20	36	6	●
DC180-03-03.800A1-	3,8		17	66	24	36	6	●
DC180-03-03.900A1-	3,9		17	66	24	36	6	●
DC180-03-03.969A1-	3,969	5/32"	17	66	24	36	6	●
DC180-03-04.000A1-	4		17	66	24	36	6	●
DC180-03-04.100A1-	4,1		17	66	24	36	6	●
DC180-03-04.200A1-	4,2		17	66	24	36	6	●
DC180-03-04.300A1-	4,3		17	66	24	36	6	●
DC180-03-04.366A1-	4,366	11/64"	17	66	24	36	6	●
DC180-03-04.400A1-	4,4		17	66	24	36	6	●
DC180-03-04.500A1-	4,5		17	66	24	36	6	●
DC180-03-04.600A1-	4,6		17	66	24	36	6	●
DC180-03-04.650A1-	4,6		17	66	24	36	6	●
DC180-03-04.700A1-	4,7		17	66	24	36	6	●
DC180-03-04.763A1-	4,763	3/16"	20	66	28	36	6	●
DC180-03-04.800A1-	4,8		20	66	28	36	6	●
DC180-03-04.900A1-	4,9		20	66	28	36	6	●
DC180-03-05.000A1-	5		20	66	28	36	6	●
DC180-03-05.100A1-	5,1		20	66	28	36	6	●
DC180-03-05.159A1-	5,159	13/64"	20	66	28	36	6	●
DC180-03-05.200A1-	5,2		20	66	28	36	6	●
DC180-03-05.300A1-	5,3		20	66	28	36	6	●
DC180-03-05.400A1-	5,4		20	66	28	36	6	●
DC180-03-05.500A1-	5,5		20	66	28	36	6	●
DC180-03-05.550A1-	5,5		20	66	28	36	6	●
DC180-03-05.556A1-	5,556	7/32"	20	66	28	36	6	●
DC180-03-05.600A1-	5,6		20	66	28	36	6	●

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

Tool



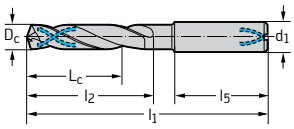
DIN 6535 HA

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EZ
DC180-03-05.700A1-	5,7		20	66	28	36	6	●
DC180-03-05.800A1-	5,8		20	66	28	36	6	●
DC180-03-05.900A1-	5,9		20	66	28	36	6	●
DC180-03-05.953A1-	5,953	15/64"	20	66	28	36	6	●
DC180-03-06.000A1-	6		20	66	28	36	6	●
DC180-03-06.100A1-	6,1		24	79	34	36	8	●
DC180-03-06.200A1-	6,2		24	79	34	36	8	●
DC180-03-06.300A1-	6,3		24	79	34	36	8	●
DC180-03-06.350A1-	6,350	1/4"	24	79	34	36	8	●
DC180-03-06.400A1-	6,4		24	79	34	36	8	●
DC180-03-06.500A1-	6,5		24	79	34	36	8	●
DC180-03-06.600A1-	6,6		24	79	34	36	8	●
DC180-03-06.700A1-	6,7		24	79	34	36	8	●
DC180-03-06.747A1-	6,747	17/64"	24	79	34	36	8	●
DC180-03-06.800A1-	6,8		24	79	34	36	8	●
DC180-03-06.900A1-	6,9		24	79	34	36	8	●
DC180-03-07.000A1-	7		24	79	34	36	8	●
DC180-03-07.100A1-	7,1		29	79	41	36	8	●
DC180-03-07.144A1-	7,144	9/32"	29	79	41	36	8	●
DC180-03-07.200A1-	7,2		29	79	41	36	8	●
DC180-03-07.300A1-	7,3		29	79	41	36	8	●
DC180-03-07.400A1-	7,4		29	79	41	36	8	●
DC180-03-07.500A1-	7,5		29	79	41	36	8	●
DC180-03-07.541A1-	7,541	19/64"	29	79	41	36	8	●
DC180-03-07.800A1-	7,8		29	79	41	36	8	●
DC180-03-07.900A1-	7,9		29	79	41	36	8	●
DC180-03-07.938A1-	7,938	5/16"	29	79	41	36	8	●
DC180-03-08.000A1-	8		29	79	41	36	8	●
DC180-03-08.100A1-	8,1		35	89	47	40	10	●
DC180-03-08.200A1-	8,2		35	89	47	40	10	●
DC180-03-08.300A1-	8,3		35	89	47	40	10	●
DC180-03-08.334A1-	8,334	21/64"	35	89	47	40	10	●
DC180-03-08.400A1-	8,4		35	89	47	40	10	●
DC180-03-08.500A1-	8,5		35	89	47	40	10	●
DC180-03-08.600A1-	8,6		35	89	47	40	10	●
DC180-03-08.700A1-	8,7		35	89	47	40	10	●
DC180-03-08.731A1-	8,731	11/32"	35	89	47	40	10	●
DC180-03-08.800A1-	8,8		35	89	47	40	10	●
DC180-03-09.000A1-	9		35	89	47	40	10	●
DC180-03-09.128A1-	9,128	23/64"	35	89	47	40	10	●
DC180-03-09.200A1-	9,2		35	89	47	40	10	●
DC180-03-09.300A1-	9,3		35	89	47	40	10	●
DC180-03-09.500A1-	9,5		35	89	47	40	10	●
DC180-03-09.525A1-	9,525	3/8"	35	89	47	40	10	●
DC180-03-09.600A1-	9,6		35	89	47	40	10	●
DC180-03-09.700A1-	9,7		35	89	47	40	10	●

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

Tool



DIN 6535 HA

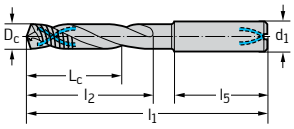
Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EZ
DC180-03-09.800A1-	9,8		35	89	47	40	10	●
DC180-03-09.922A1-	9,922	25/64"	35	89	47	40	10	●
DC180-03-10.000A1-	10		35	89	47	40	10	●
DC180-03-10.100A1-	10,1		40	102	55	45	12	●
DC180-03-10.200A1-	10,2		40	102	55	45	12	●
DC180-03-10.300A1-	10,3		40	102	55	45	12	●
DC180-03-10.319A1-	10,319	13/32"	40	102	55	45	12	●
DC180-03-10.400A1-	10,4		40	102	55	45	12	●
DC180-03-10.500A1-	10,5		40	102	55	45	12	●
DC180-03-10.716A1-	10,716	27/64"	40	102	55	45	12	●
DC180-03-10.800A1-	10,8		40	102	55	45	12	●
DC180-03-11.000A1-	11		40	102	55	45	12	●
DC180-03-11.100A1-	11,1		40	102	55	45	12	●
DC180-03-11.113A1-	11,113	7/16"	40	102	55	45	12	●
DC180-03-11.200A1-	11,2		40	102	55	45	12	●
DC180-03-11.500A1-	11,5		40	102	55	45	12	●
DC180-03-11.509A1-	11,509	29/64"	40	102	55	45	12	●
DC180-03-11.700A1-	11,7		40	102	55	45	12	●
DC180-03-11.800A1-	11,8		40	102	55	45	12	●
DC180-03-11.906A1-	11,906	15/32"	40	102	55	45	12	●
DC180-03-12.000A1-	12		40	102	55	45	12	●
DC180-03-12.100A1-	12,1		43	107	60	45	14	●
DC180-03-12.200A1-	12,2		43	107	60	45	14	●
DC180-03-12.300A1-	12,3		43	107	60	45	14	●
DC180-03-12.303A1-	12,303	31/64"	43	107	60	45	14	●
DC180-03-12.500A1-	12,5		43	107	60	45	14	●
DC180-03-12.600A1-	12,6		43	107	60	45	14	●
DC180-03-12.700A1-	12,700	1/2"	43	107	60	45	14	●
DC180-03-13.000A1-	13		43	107	60	45	14	●
DC180-03-13.300A1-	13,3		43	107	60	45	14	●
DC180-03-13.494A1-	13,494	17/32"	43	107	60	45	14	●
DC180-03-13.500A1-	13,5		43	107	60	45	14	●
DC180-03-14.000A1-	14		43	107	60	45	14	●
DC180-03-14.288A1-	14,288	9/16"	45	115	65	48	16	●
DC180-03-14.500A1-	14,5		45	115	65	48	16	●
DC180-03-15.000A1-	15		45	115	65	48	16	●
DC180-03-15.500A1-	15,5		45	115	65	48	16	●
DC180-03-15.875A1-	15,875	5/8"	45	115	65	48	16	●
DC180-03-16.000A1-	16		45	115	65	48	16	●
DC180-03-16.500A1-	16,5		51	123	73	48	18	●
DC180-03-17.000A1-	17		51	123	73	48	18	●
DC180-03-17.500A1-	17,5		51	123	73	48	18	●
DC180-03-18.000A1-	18		51	123	73	48	18	●
DC180-03-19.050A1-	19,050	3/4"	55	131	79	50	20	●
DC180-03-20.000A1-	20		55	131	79	50	20	●

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

Solid carbide drills with coolant-through
DC170 Supreme

B1

Tool



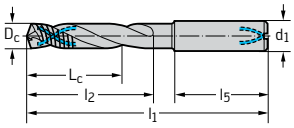
DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EJ
DC170-03-03.000A1-	3		14	62	20	36	6	☻
DC170-03-03.100A1-	3,1		14	62	20	36	6	☻
DC170-03-03.175A1-	3,175	1/8"	14	62	20	36	6	☻
DC170-03-03.200A1-	3,2		14	62	20	36	6	☻
DC170-03-03.300A1-	3,3		14	62	20	36	6	☻
DC170-03-03.400A1-	3,4		14	62	20	36	6	☻
DC170-03-03.500A1-	3,5		14	62	20	36	6	☻
DC170-03-03.572A1-	3,572	9/64"	14	62	20	36	6	☻
DC170-03-03.600A1-	3,6		14	62	20	36	6	☻
DC170-03-03.700A1-	3,7		14	62	20	36	6	☻
DC170-03-03.800A1-	3,8		17	66	24	36	6	☻
DC170-03-03.900A1-	3,9		17	66	24	36	6	☻
DC170-03-03.969A1-	3,969	5/32"	17	66	24	36	6	☻
DC170-03-04.000A1-	4		17	66	24	36	6	☻
DC170-03-04.100A1-	4,1		17	66	24	36	6	☻
DC170-03-04.200A1-	4,2		17	66	24	36	6	☻
DC170-03-04.300A1-	4,3		17	66	24	36	6	☻
DC170-03-04.366A1-	4,366	11/64"	17	66	24	36	6	☻
DC170-03-04.400A1-	4,4		17	66	24	36	6	☻
DC170-03-04.500A1-	4,5		17	66	24	36	6	☻
DC170-03-04.600A1-	4,6		17	66	24	36	6	☻
DC170-03-04.650A1-	4,65		17	66	24	36	6	☻
DC170-03-04.700A1-	4,7		17	66	24	36	6	☻
DC170-03-04.763A1-	4,763	3/16"	20	66	28	36	6	☻
DC170-03-04.800A1-	4,8		20	66	28	36	6	☻
DC170-03-04.900A1-	4,9		20	66	28	36	6	☻
DC170-03-05.000A1-	5		20	66	28	36	6	☻
DC170-03-05.100A1-	5,1		20	66	28	36	6	☻
DC170-03-05.159A1-	5,159	13/64"	20	66	28	36	6	☻
DC170-03-05.200A1-	5,2		20	66	28	36	6	☻
DC170-03-05.300A1-	5,3		20	66	28	36	6	☻
DC170-03-05.400A1-	5,4		20	66	28	36	6	☻
DC170-03-05.500A1-	5,5		20	66	28	36	6	☻
DC170-03-05.550A1-	5,55		20	66	28	36	6	☻
DC170-03-05.556A1-	5,556	7/32"	20	66	28	36	6	☻
DC170-03-05.600A1-	5,6		20	66	28	36	6	☻

Ordering example for the grade WJ30EJ: DC170-03-03.000A1-WJ30EJ

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

Tool

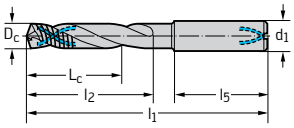


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EJ
DC170-03-05.700A1-	5,7		20	66	28	36	6	●
DC170-03-05.800A1-	5,8		20	66	28	36	6	●
DC170-03-05.900A1-	5,9		20	66	28	36	6	●
DC170-03-05.953A1-	5,953	15/64"	20	66	28	36	6	●
DC170-03-06.000A1-	6		20	66	28	36	6	●
DC170-03-06.100A1-	6,1		24	79	34	36	8	●
DC170-03-06.200A1-	6,2		24	79	34	36	8	●
DC170-03-06.300A1-	6,3		24	79	34	36	8	●
DC170-03-06.350A1-	6,350	1/4"	24	79	34	36	8	●
DC170-03-06.400A1-	6,4		24	79	34	36	8	●
DC170-03-06.500A1-	6,5		24	79	34	36	8	●
DC170-03-06.600A1-	6,6		24	79	34	36	8	●
DC170-03-06.700A1-	6,7		24	79	34	36	8	●
DC170-03-06.747A1-	6,747	17/64"	24	79	34	36	8	●
DC170-03-06.800A1-	6,8		24	79	34	36	8	●
DC170-03-06.900A1-	6,9		24	79	34	36	8	●
DC170-03-07.000A1-	7		24	79	34	36	8	●
DC170-03-07.100A1-	7,1		29	79	41	36	8	●
DC170-03-07.144A1-	7,144	9/32"	29	79	41	36	8	●
DC170-03-07.200A1-	7,2		29	79	41	36	8	●
DC170-03-07.300A1-	7,3		29	79	41	36	8	●
DC170-03-07.400A1-	7,4		29	79	41	36	8	●
DC170-03-07.500A1-	7,5		29	79	41	36	8	●
DC170-03-07.541A1-	7,541	19/64"	29	79	41	36	8	●
DC170-03-07.800A1-	7,8		29	79	41	36	8	●
DC170-03-07.900A1-	7,9		29	79	41	36	8	●
DC170-03-07.938A1-	7,938	5/16"	29	79	41	36	8	●
DC170-03-08.000A1-	8		29	79	41	36	8	●
DC170-03-08.100A1-	8,1		35	89	47	40	10	●
DC170-03-08.200A1-	8,2		35	89	47	40	10	●
DC170-03-08.300A1-	8,3		35	89	47	40	10	●
DC170-03-08.500A1-	8,5		35	89	47	40	10	●
DC170-03-08.600A1-	8,6		35	89	47	40	10	●
DC170-03-08.700A1-	8,7		35	89	47	40	10	●
DC170-03-08.731A1-	8,731	11/32"	35	89	47	40	10	●
DC170-03-08.800A1-	8,8		35	89	47	40	10	●
DC170-03-09.000A1-	9		35	89	47	40	10	●
DC170-03-09.128A1-	9,128	23/64"	35	89	47	40	10	●
DC170-03-09.200A1-	9,2		35	89	47	40	10	●
DC170-03-09.300A1-	9,3		35	89	47	40	10	●
DC170-03-09.500A1-	9,5		35	89	47	40	10	●
DC170-03-09.525A1-	9,525	3/8"	35	89	47	40	10	●
DC170-03-09.600A1-	9,6		35	89	47	40	10	●
DC170-03-09.700A1-	9,7		35	89	47	40	10	●
DC170-03-09.800A1-	9,8		35	89	47	40	10	●
DC170-03-09.922A1-	9,922	25/64"	35	89	47	40	10	●

Ordering example for the grade WJ30EJ: DC170-03-03.000A1-WJ30EJ

Tool



DIN 6535 HA

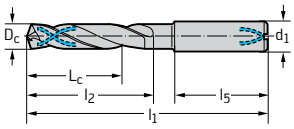
B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EJ
DC170-03-10.000A1-	10		35	89	47	40	10	●
DC170-03-10.100A1-	10,1		40	102	55	45	12	●
DC170-03-10.200A1-	10,2		40	102	55	45	12	●
DC170-03-10.300A1-	10,3		40	102	55	45	12	●
DC170-03-10.319A1-	10,319	13/32"	40	102	55	45	12	●
DC170-03-10.400A1-	10,4		40	102	55	45	12	●
DC170-03-10.500A1-	10,5		40	102	55	45	12	●
DC170-03-10.716A1-	10,716	27/64"	40	102	55	45	12	●
DC170-03-10.800A1-	10,8		40	102	55	45	12	●
DC170-03-11.000A1-	11		40	102	55	45	12	●
DC170-03-11.100A1-	11,1		40	102	55	45	12	●
DC170-03-11.113A1-	11,113	7/16"	40	102	55	45	12	●
DC170-03-11.200A1-	11,2		40	102	55	45	12	●
DC170-03-11.500A1-	11,5		40	102	55	45	12	●
DC170-03-11.509A1-	11,509	29/64"	40	102	55	45	12	●
DC170-03-11.700A1-	11,7		40	102	55	45	12	●
DC170-03-11.800A1-	11,8		40	102	55	45	12	●
DC170-03-12.000A1-	12		40	102	55	45	12	●
DC170-03-12.100A1-	12,1		43	107	60	45	14	●
DC170-03-12.200A1-	12,2		43	107	60	45	14	●
DC170-03-12.300A1-	12,3		43	107	60	45	14	●
DC170-03-12.500A1-	12,5		43	107	60	45	14	●
DC170-03-12.600A1-	12,6		43	107	60	45	14	●
DC170-03-12.700A1-	12,700	1/2"	43	107	60	45	14	●
DC170-03-13.000A1-	13		43	107	60	45	14	●
DC170-03-13.300A1-	13,3		43	107	60	45	14	●
DC170-03-13.494A1-	13,494	17/32"	43	107	60	45	14	●
DC170-03-13.500A1-	13,5		43	107	60	45	14	●
DC170-03-14.000A1-	14		43	107	60	45	14	●
DC170-03-14.288A1-	14,288	9/16"	45	115	65	48	16	●
DC170-03-14.500A1-	14,5		45	115	65	48	16	●
DC170-03-15.000A1-	15		45	115	65	48	16	●
DC170-03-15.875A1-	15,875	5/8"	45	115	65	48	16	●
DC170-03-16.000A1-	16		45	115	65	48	16	●
DC170-03-16.500A1-	16,5		51	123	73	48	18	●
DC170-03-17.000A1-	17		51	123	73	48	18	●
DC170-03-17.500A1-	17,5		51	123	73	48	18	●
DC170-03-18.000A1-	18		51	123	73	48	18	●
DC170-03-19.050A1-	19,050	3/4"	55	131	79	50	20	●
DC170-03-20.000A1-	20		55	131	79	50	20	●

Ordering example for the grade WJ30EJ: DC170-03-03.000A1-WJ30EJ

Solid carbide drills with coolant-through
DC160 Advance
X-treme Evo

Tool

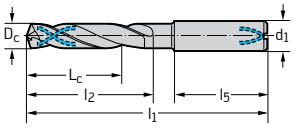


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-03-03.000A1-	3		14	62	20	36	6	●
DC160-03-03.100A1-	3,1		14	62	20	36	6	●
DC160-03-03.175A1-	3,175	1/8"	14	62	20	36	6	●
DC160-03-03.200A1-	3,2		14	62	20	36	6	●
DC160-03-03.250A1-	3,25		14	62	20	36	6	●
DC160-03-03.300A1-	3,3		14	62	20	36	6	●
DC160-03-03.400A1-	3,4		14	62	20	36	6	●
DC160-03-03.500A1-	3,5		14	62	20	36	6	●
DC160-03-03.572A1-	3,572	9/64"	14	62	20	36	6	●
DC160-03-03.600A1-	3,6		14	62	20	36	6	●
DC160-03-03.650A1-	3,65		14	62	20	36	6	●
DC160-03-03.700A1-	3,7		14	62	20	36	6	●
DC160-03-03.800A1-	3,8		17	66	24	36	6	●
DC160-03-03.900A1-	3,9		17	66	24	36	6	●
DC160-03-03.969A1-	3,969	5/32"	17	66	24	36	6	●
DC160-03-04.000A1-	4		17	66	24	36	6	●
DC160-03-04.100A1-	4,1		17	66	24	36	6	●
DC160-03-04.200A1-	4,2		17	66	24	36	6	●
DC160-03-04.300A1-	4,3		17	66	24	36	6	●
DC160-03-04.366A1-	4,366	11/64"	17	66	24	36	6	●
DC160-03-04.400A1-	4,4		17	66	24	36	6	●
DC160-03-04.500A1-	4,5		17	66	24	36	6	●
DC160-03-04.600A1-	4,6		17	66	24	36	6	●
DC160-03-04.650A1-	4,65		17	66	24	36	6	●
DC160-03-04.700A1-	4,7		17	66	24	36	6	●
DC160-03-04.763A1-	4,763	3/16"	20	66	28	36	6	●
DC160-03-04.800A1-	4,8		20	66	28	36	6	●
DC160-03-04.900A1-	4,9		20	66	28	36	6	●
DC160-03-05.000A1-	5		20	66	28	36	6	●
DC160-03-05.100A1-	5,1		20	66	28	36	6	●
DC160-03-05.159A1-	5,159	13/64"	20	66	28	36	6	●
DC160-03-05.200A1-	5,2		20	66	28	36	6	●
DC160-03-05.300A1-	5,3		20	66	28	36	6	●
DC160-03-05.400A1-	5,4		20	66	28	36	6	●
DC160-03-05.500A1-	5,5		20	66	28	36	6	●
DC160-03-05.550A1-	5,55		20	66	28	36	6	●

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

Tool



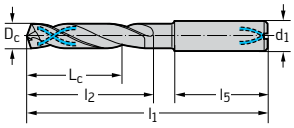
DIN 6535 HA

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-03-05.556A1-	5,556	7/32"	20	66	28	36	6	●
DC160-03-05.600A1-	5,6		20	66	28	36	6	●
DC160-03-05.700A1-	5,7		20	66	28	36	6	●
DC160-03-05.800A1-	5,8		20	66	28	36	6	●
DC160-03-05.900A1-	5,9		20	66	28	36	6	●
DC160-03-05.953A1-	5,953	15/64"	20	66	28	36	6	●
DC160-03-06.000A1-	6		20	66	28	36	6	●
DC160-03-06.100A1-	6,1		24	79	34	36	8	●
DC160-03-06.200A1-	6,2		24	79	34	36	8	●
DC160-03-06.300A1-	6,3		24	79	34	36	8	●
DC160-03-06.350A1-	6,350	1/4"	24	79	34	36	8	●
DC160-03-06.400A1-	6,4		24	79	34	36	8	●
DC160-03-06.500A1-	6,5		24	79	34	36	8	●
DC160-03-06.600A1-	6,6		24	79	34	36	8	●
DC160-03-06.700A1-	6,7		24	79	34	36	8	●
DC160-03-06.747A1-	6,747	17/64"	24	79	34	36	8	●
DC160-03-06.800A1-	6,8		24	79	34	36	8	●
DC160-03-06.900A1-	6,9		24	79	34	36	8	●
DC160-03-07.000A1-	7		24	79	34	36	8	●
DC160-03-07.100A1-	7,1		29	79	41	36	8	●
DC160-03-07.144A1-	7,144	9/32"	29	79	41	36	8	●
DC160-03-07.200A1-	7,2		29	79	41	36	8	●
DC160-03-07.300A1-	7,3		29	79	41	36	8	●
DC160-03-07.400A1-	7,4		29	79	41	36	8	●
DC160-03-07.500A1-	7,5		29	79	41	36	8	●
DC160-03-07.541A1-	7,541	19/64"	29	79	41	36	8	●
DC160-03-07.550A1-	7,55		29	79	41	36	8	●
DC160-03-07.600A1-	7,6		29	79	41	36	8	●
DC160-03-07.700A1-	7,7		29	79	41	36	8	●
DC160-03-07.800A1-	7,8		29	79	41	36	8	●
DC160-03-07.900A1-	7,9		29	79	41	36	8	●
DC160-03-07.938A1-	7,938	5/16"	29	79	41	36	8	●
DC160-03-08.000A1-	8		29	79	41	36	8	●
DC160-03-08.100A1-	8,1		35	89	47	40	10	●
DC160-03-08.200A1-	8,2		35	89	47	40	10	●
DC160-03-08.300A1-	8,3		35	89	47	40	10	●
DC160-03-08.334A1-	8,334	21/64"	35	89	47	40	10	●
DC160-03-08.400A1-	8,4		35	89	47	40	10	●
DC160-03-08.500A1-	8,5		35	89	47	40	10	●
DC160-03-08.600A1-	8,6		35	89	47	40	10	●
DC160-03-08.700A1-	8,7		35	89	47	40	10	●
DC160-03-08.731A1-	8,731	11/32"	35	89	47	40	10	●
DC160-03-08.800A1-	8,8		35	89	47	40	10	●
DC160-03-08.900A1-	8,9		35	89	47	40	10	●
DC160-03-09.000A1-	9		35	89	47	40	10	●
DC160-03-09.100A1-	9,1		35	89	47	40	10	●

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

Tool



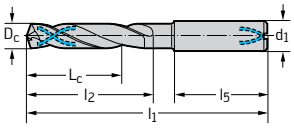
DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-03-09.128A1-	9,128	23/64"	35	89	47	40	10	●
DC160-03-09.200A1-	9,2		35	89	47	40	10	●
DC160-03-09.300A1-	9,3		35	89	47	40	10	●
DC160-03-09.400A1-	9,4		35	89	47	40	10	●
DC160-03-09.500A1-	9,5		35	89	47	40	10	●
DC160-03-09.525A1-	9,525	3/8"	35	89	47	40	10	●
DC160-03-09.550A1-	9,55		35	89	47	40	10	●
DC160-03-09.600A1-	9,6		35	89	47	40	10	●
DC160-03-09.700A1-	9,7		35	89	47	40	10	●
DC160-03-09.800A1-	9,8		35	89	47	40	10	●
DC160-03-09.900A1-	9,9		35	89	47	40	10	●
DC160-03-09.922A1-	9,922	25/64"	35	89	47	40	10	●
DC160-03-10.000A1-	10		35	89	47	40	10	●
DC160-03-10.100A1-	10,1		40	102	55	45	12	●
DC160-03-10.200A1-	10,2		40	102	55	45	12	●
DC160-03-10.300A1-	10,3		40	102	55	45	12	●
DC160-03-10.319A1-	10,319	13/32"	40	102	55	45	12	●
DC160-03-10.400A1-	10,4		40	102	55	45	12	●
DC160-03-10.500A1-	10,5		40	102	55	45	12	●
DC160-03-10.600A1-	10,6		40	102	55	45	12	●
DC160-03-10.700A1-	10,7		40	102	55	45	12	●
DC160-03-10.716A1-	10,716	27/64"	40	102	55	45	12	●
DC160-03-10.800A1-	10,8		40	102	55	45	12	●
DC160-03-10.900A1-	10,9		40	102	55	45	12	●
DC160-03-11.000A1-	11		40	102	55	45	12	●
DC160-03-11.100A1-	11,1		40	102	55	45	12	●
DC160-03-11.113A1-	11,113	7/16"	40	102	55	45	12	●
DC160-03-11.200A1-	11,2		40	102	55	45	12	●
DC160-03-11.300A1-	11,3		40	102	55	45	12	●
DC160-03-11.400A1-	11,4		40	102	55	45	12	●
DC160-03-11.500A1-	11,5		40	102	55	45	12	●
DC160-03-11.509A1-	11,509	29/64"	40	102	55	45	12	●
DC160-03-11.550A1-	11,55		40	102	55	45	12	●
DC160-03-11.600A1-	11,6		40	102	55	45	12	●
DC160-03-11.700A1-	11,7		40	102	55	45	12	●
DC160-03-11.800A1-	11,8		40	102	55	45	12	●
DC160-03-11.900A1-	11,9		40	102	55	45	12	●
DC160-03-11.906A1-	11,906	15/32"	40	102	55	45	12	●
DC160-03-12.000A1-	12		40	102	55	45	12	●
DC160-03-12.100A1-	12,1		43	107	60	45	14	●
DC160-03-12.200A1-	12,2		43	107	60	45	14	●
DC160-03-12.250A1-	12,25		43	107	60	45	14	●
DC160-03-12.300A1-	12,3		43	107	60	45	14	●
DC160-03-12.303A1-	12,303	31/64"	43	107	60	45	14	●
DC160-03-12.400A1-	12,4		43	107	60	45	14	●
DC160-03-12.500A1-	12,5		43	107	60	45	14	●

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

B1

Tool



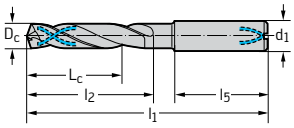
DIN 6535 HA

B1

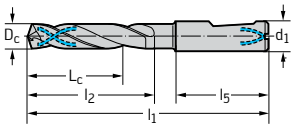
Designation	D_c m7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-03-12.600A1-	12,6		43	107	60	45	14	
DC160-03-12.700A1-	12,700	1/2"	43	107	60	45	14	
DC160-03-12.750A1-	12,75		43	107	60	45	14	
DC160-03-12.800A1-	12,8		43	107	60	45	14	
DC160-03-12.900A1-	12,9		43	107	60	45	14	
DC160-03-13.000A1-	13		43	107	60	45	14	
DC160-03-13.100A1-	13,1		43	107	60	45	14	
DC160-03-13.200A1-	13,2		43	107	60	45	14	
DC160-03-13.300A1-	13,3		43	107	60	45	14	
DC160-03-13.400A1-	13,4		43	107	60	45	14	
DC160-03-13.494A1-	13,494	17/32"	43	107	60	45	14	
DC160-03-13.500A1-	13,5		43	107	60	45	14	
DC160-03-13.600A1-	13,6		43	107	60	45	14	
DC160-03-13.700A1-	13,7		43	107	60	45	14	
DC160-03-13.800A1-	13,8		43	107	60	45	14	
DC160-03-13.900A1-	13,9		43	107	60	45	14	
DC160-03-14.000A1-	14		43	107	60	45	14	
DC160-03-14.100A1-	14,1		45	115	65	48	16	
DC160-03-14.200A1-	14,2		45	115	65	48	16	
DC160-03-14.288A1-	14,288	9/16"	45	115	65	48	16	
DC160-03-14.300A1-	14,3		45	115	65	48	16	
DC160-03-14.400A1-	14,4		45	115	65	48	16	
DC160-03-14.500A1-	14,5		45	115	65	48	16	
DC160-03-14.600A1-	14,6		45	115	65	48	16	
DC160-03-14.700A1-	14,7		45	115	65	48	16	
DC160-03-14.800A1-	14,8		45	115	65	48	16	
DC160-03-15.000A1-	15		45	115	65	48	16	
DC160-03-15.100A1-	15,1		45	115	65	48	16	
DC160-03-15.200A1-	15,2		45	115	65	48	16	
DC160-03-15.300A1-	15,3		45	115	65	48	16	
DC160-03-15.500A1-	15,5		45	115	65	48	16	
DC160-03-15.600A1-	15,6		45	115	65	48	16	
DC160-03-15.700A1-	15,7		45	115	65	48	16	
DC160-03-15.800A1-	15,8		45	115	65	48	16	
DC160-03-15.875A1-	15,875	5/8"	45	115	65	48	16	
DC160-03-15.900A1-	15,9		45	115	65	48	16	
DC160-03-16.000A1-	16		45	115	65	48	16	
DC160-03-16.100A1-	16,1		51	123	73	48	18	
DC160-03-16.200A1-	16,2		51	123	73	48	18	
DC160-03-16.300A1-	16,3		51	123	73	48	18	
DC160-03-16.400A1-	16,4		51	123	73	48	18	
DC160-03-16.500A1-	16,5		51	123	73	48	18	
DC160-03-16.600A1-	16,6		51	123	73	48	18	
DC160-03-16.700A1-	16,7		51	123	73	48	18	
DC160-03-16.750A1-	16,75		51	123	73	48	18	
DC160-03-16.800A1-	16,8		51	123	73	48	18	

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

Tool



DIN 6535 HA

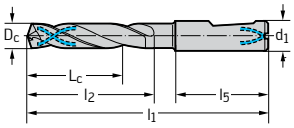


DIN 6535 HE

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-03-17.000A1-	17		51	123	73	48	18	●
DC160-03-17.200A1-	17,2		51	123	73	48	18	●
DC160-03-17.300A1-	17,3		51	123	73	48	18	●
DC160-03-17.500A1-	17,5		51	123	73	48	18	●
DC160-03-17.600A1-	17,6		51	123	73	48	18	●
DC160-03-17.700A1-	17,7		51	123	73	48	18	●
DC160-03-17.800A1-	17,8		51	123	73	48	18	●
DC160-03-18.000A1-	18		51	123	73	48	18	●
DC160-03-18.200A1-	18,2		55	131	79	50	20	●
DC160-03-18.500A1-	18,5		55	131	79	50	20	●
DC160-03-18.700A1-	18,7		55	131	79	50	20	●
DC160-03-18.800A1-	18,8		55	131	79	50	20	●
DC160-03-19.000A1-	19		55	131	79	50	20	●
DC160-03-19.050A1-	19,050	3/4"	55	131	79	50	20	●
DC160-03-19.500A1-	19,5		55	131	79	50	20	●
DC160-03-19.700A1-	19,7		55	131	79	50	20	●
DC160-03-19.800A1-	19,8		55	131	79	50	20	●
DC160-03-20.000A1-	20		55	131	79	50	20	●
DC160-03-03.000F1-	3		14	62	20	36	6	●
DC160-03-03.100F1-	3,1		14	62	20	36	6	●
DC160-03-03.200F1-	3,2		14	62	20	36	6	●
DC160-03-03.250F1-	3,25		14	62	20	36	6	●
DC160-03-03.300F1-	3,3		14	62	20	36	6	●
DC160-03-03.400F1-	3,4		14	62	20	36	6	●
DC160-03-03.500F1-	3,5		14	62	20	36	6	●
DC160-03-03.600F1-	3,6		14	62	20	36	6	●
DC160-03-03.650F1-	3,65		14	62	20	36	6	●
DC160-03-03.700F1-	3,7		14	62	20	36	6	●
DC160-03-03.800F1-	3,8		17	66	24	36	6	●
DC160-03-03.900F1-	3,9		17	66	24	36	6	●
DC160-03-04.000F1-	4		17	66	24	36	6	●
DC160-03-04.100F1-	4,1		17	66	24	36	6	●
DC160-03-04.200F1-	4,2		17	66	24	36	6	●
DC160-03-04.300F1-	4,3		17	66	24	36	6	●
DC160-03-04.400F1-	4,4		17	66	24	36	6	●
DC160-03-04.500F1-	4,5		17	66	24	36	6	●
DC160-03-04.600F1-	4,6		17	66	24	36	6	●
DC160-03-04.650F1-	4,65		17	66	24	36	6	●
DC160-03-04.700F1-	4,7		17	66	24	36	6	●
DC160-03-04.800F1-	4,8		20	66	28	36	6	●
DC160-03-04.900F1-	4,9		20	66	28	36	6	●
DC160-03-05.000F1-	5		20	66	28	36	6	●
DC160-03-05.100F1-	5,1		20	66	28	36	6	●
DC160-03-05.200F1-	5,2		20	66	28	36	6	●
DC160-03-05.300F1-	5,3		20	66	28	36	6	●
DC160-03-05.400F1-	5,4		20	66	28	36	6	●

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

Tool



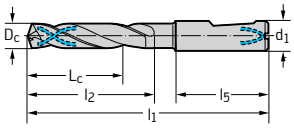
DIN 6535 HE

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-03-05.500F1-	5,5		20	66	28	36	6	●
DC160-03-05.550F1-	5,55		20	66	28	36	6	●
DC160-03-05.600F1-	5,6		20	66	28	36	6	●
DC160-03-05.700F1-	5,7		20	66	28	36	6	●
DC160-03-05.800F1-	5,8		20	66	28	36	6	●
DC160-03-05.900F1-	5,9		20	66	28	36	6	●
DC160-03-06.000F1-	6		20	66	28	36	6	●
DC160-03-06.100F1-	6,1		24	79	34	36	8	●
DC160-03-06.200F1-	6,2		24	79	34	36	8	●
DC160-03-06.300F1-	6,3		24	79	34	36	8	●
DC160-03-06.400F1-	6,4		24	79	34	36	8	●
DC160-03-06.500F1-	6,5		24	79	34	36	8	●
DC160-03-06.600F1-	6,6		24	79	34	36	8	●
DC160-03-06.700F1-	6,7		24	79	34	36	8	●
DC160-03-06.800F1-	6,8		24	79	34	36	8	●
DC160-03-06.900F1-	6,9		24	79	34	36	8	●
DC160-03-07.000F1-	7		24	79	34	36	8	●
DC160-03-07.100F1-	7,1		29	79	41	36	8	●
DC160-03-07.200F1-	7,2		29	79	41	36	8	●
DC160-03-07.300F1-	7,3		29	79	41	36	8	●
DC160-03-07.400F1-	7,4		29	79	41	36	8	●
DC160-03-07.500F1-	7,5		29	79	41	36	8	●
DC160-03-07.550F1-	7,55		29	79	41	36	8	●
DC160-03-07.600F1-	7,6		29	79	41	36	8	●
DC160-03-07.700F1-	7,7		29	79	41	36	8	●
DC160-03-07.800F1-	7,8		29	79	41	36	8	●
DC160-03-07.900F1-	7,9		29	79	41	36	8	●
DC160-03-08.000F1-	8		29	79	41	36	8	●
DC160-03-08.100F1-	8,1		35	89	47	40	10	●
DC160-03-08.200F1-	8,2		35	89	47	40	10	●
DC160-03-08.300F1-	8,3		35	89	47	40	10	●
DC160-03-08.400F1-	8,4		35	89	47	40	10	●
DC160-03-08.500F1-	8,5		35	89	47	40	10	●
DC160-03-08.600F1-	8,6		35	89	47	40	10	●
DC160-03-08.700F1-	8,7		35	89	47	40	10	●
DC160-03-08.800F1-	8,8		35	89	47	40	10	●
DC160-03-08.900F1-	8,9		35	89	47	40	10	●
DC160-03-09.000F1-	9		35	89	47	40	10	●
DC160-03-09.100F1-	9,1		35	89	47	40	10	●
DC160-03-09.200F1-	9,2		35	89	47	40	10	●
DC160-03-09.300F1-	9,3		35	89	47	40	10	●
DC160-03-09.400F1-	9,4		35	89	47	40	10	●
DC160-03-09.500F1-	9,5		35	89	47	40	10	●
DC160-03-09.600F1-	9,6		35	89	47	40	10	●
DC160-03-09.700F1-	9,7		35	89	47	40	10	●
DC160-03-09.800F1-	9,8		35	89	47	40	10	●

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

Tool

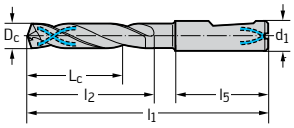


DIN 6535 HE

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-03-09.900F1-	9,9		35	89	47	40	10	
DC160-03-10.000F1-	10		35	89	47	40	10	
DC160-03-10.100F1-	10,1		40	102	55	45	12	
DC160-03-10.200F1-	10,2		40	102	55	45	12	
DC160-03-10.300F1-	10,3		40	102	55	45	12	
DC160-03-10.400F1-	10,4		40	102	55	45	12	
DC160-03-10.500F1-	10,5		40	102	55	45	12	
DC160-03-10.600F1-	10,6		40	102	55	45	12	
DC160-03-10.700F1-	10,7		40	102	55	45	12	
DC160-03-10.800F1-	10,8		40	102	55	45	12	
DC160-03-10.900F1-	10,9		40	102	55	45	12	
DC160-03-11.000F1-	11		40	102	55	45	12	
DC160-03-11.100F1-	11,1		40	102	55	45	12	
DC160-03-11.200F1-	11,2		40	102	55	45	12	
DC160-03-11.300F1-	11,3		40	102	55	45	12	
DC160-03-11.400F1-	11,4		40	102	55	45	12	
DC160-03-11.500F1-	11,5		40	102	55	45	12	
DC160-03-11.550F1-	11,55		40	102	55	45	12	
DC160-03-11.600F1-	11,6		40	102	55	45	12	
DC160-03-11.700F1-	11,7		40	102	55	45	12	
DC160-03-11.800F1-	11,8		40	102	55	45	12	
DC160-03-11.900F1-	11,9		40	102	55	45	12	
DC160-03-12.000F1-	12		40	102	55	45	12	
DC160-03-12.100F1-	12,1		43	107	60	45	14	
DC160-03-12.200F1-	12,2		43	107	60	45	14	
DC160-03-12.250F1-	12,25		43	107	60	45	14	
DC160-03-12.300F1-	12,3		43	107	60	45	14	
DC160-03-12.400F1-	12,4		43	107	60	45	14	
DC160-03-12.500F1-	12,5		43	107	60	45	14	
DC160-03-12.600F1-	12,6		43	107	60	45	14	
DC160-03-12.700F1-	12,700	1/2"	43	107	60	45	14	
DC160-03-12.800F1-	12,8		43	107	60	45	14	
DC160-03-12.900F1-	12,9		43	107	60	45	14	
DC160-03-13.000F1-	13		43	107	60	45	14	
DC160-03-13.100F1-	13,1		43	107	60	45	14	
DC160-03-13.200F1-	13,2		43	107	60	45	14	
DC160-03-13.300F1-	13,3		43	107	60	45	14	
DC160-03-13.400F1-	13,4		43	107	60	45	14	
DC160-03-13.500F1-	13,5		43	107	60	45	14	
DC160-03-13.600F1-	13,6		43	107	60	45	14	
DC160-03-13.700F1-	13,7		43	107	60	45	14	
DC160-03-13.800F1-	13,8		43	107	60	45	14	
DC160-03-13.900F1-	13,9		43	107	60	45	14	
DC160-03-14.000F1-	14		43	107	60	45	14	
DC160-03-14.100F1-	14,1		45	115	65	48	16	
DC160-03-14.200F1-	14,2		45	115	65	48	16	

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

Tool



DIN 6535 HE

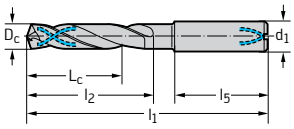
B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-03-14.300F1-	14,3		45	115	65	48	16	●
DC160-03-14.400F1-	14,4		45	115	65	48	16	●
DC160-03-14.500F1-	14,5		45	115	65	48	16	●
DC160-03-14.600F1-	14,6		45	115	65	48	16	●
DC160-03-14.700F1-	14,7		45	115	65	48	16	●
DC160-03-14.800F1-	14,8		45	115	65	48	16	●
DC160-03-15.000F1-	15		45	115	65	48	16	●
DC160-03-15.100F1-	15,1		45	115	65	48	16	●
DC160-03-15.200F1-	15,2		45	115	65	48	16	●
DC160-03-15.300F1-	15,3		45	115	65	48	16	●
DC160-03-15.500F1-	15,5		45	115	65	48	16	●
DC160-03-15.600F1-	15,6		45	115	65	48	16	●
DC160-03-15.700F1-	15,7		45	115	65	48	16	●
DC160-03-15.800F1-	15,8		45	115	65	48	16	●
DC160-03-15.900F1-	15,9		45	115	65	48	16	●
DC160-03-16.000F1-	16		45	115	65	48	16	●
DC160-03-16.100F1-	16,1		51	123	73	48	18	●
DC160-03-16.200F1-	16,2		51	123	73	48	18	●
DC160-03-16.300F1-	16,3		51	123	73	48	18	●
DC160-03-16.400F1-	16,4		51	123	73	48	18	●
DC160-03-16.500F1-	16,5		51	123	73	48	18	●
DC160-03-16.600F1-	16,6		51	123	73	48	18	●
DC160-03-16.700F1-	16,7		51	123	73	48	18	●
DC160-03-16.800F1-	16,8		51	123	73	48	18	●
DC160-03-17.000F1-	17		51	123	73	48	18	●
DC160-03-17.200F1-	17,2		51	123	73	48	18	●
DC160-03-17.300F1-	17,3		51	123	73	48	18	●
DC160-03-17.500F1-	17,5		51	123	73	48	18	●
DC160-03-17.600F1-	17,6		51	123	73	48	18	●
DC160-03-17.700F1-	17,7		51	123	73	48	18	●
DC160-03-17.800F1-	17,8		51	123	73	48	18	●
DC160-03-18.000F1-	18		51	123	73	48	18	●
DC160-03-18.200F1-	18,2		55	131	79	50	20	●
DC160-03-18.500F1-	18,5		55	131	79	50	20	●
DC160-03-18.700F1-	18,7		55	131	79	50	20	●
DC160-03-18.800F1-	18,8		55	131	79	50	20	●
DC160-03-19.000F1-	19		55	131	79	50	20	●
DC160-03-19.500F1-	19,5		55	131	79	50	20	●
DC160-03-19.700F1-	19,7		55	131	79	50	20	●
DC160-03-19.800F1-	19,8		55	131	79	50	20	●
DC160-03-20.000F1-	20		55	131	79	50	20	●

Ordering example for the grade WJ30ET: DC160-03-03.000A1-WJ30ET

Solid carbide drills with coolant-through
DC150 Perform

Tool

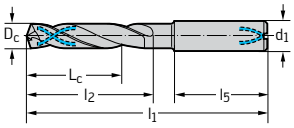


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-03.000A1-	3		14	62	20	36	6	●
DC150-03-03.100A1-	3,1		14	62	20	36	6	●
DC150-03-03.175A1-	3,175	1/8"	14	62	20	36	6	●
DC150-03-03.200A1-	3,2		14	62	20	36	6	●
DC150-03-03.250A1-	3,25		14	62	20	36	6	●
DC150-03-03.300A1-	3,3		14	62	20	36	6	●
DC150-03-03.400A1-	3,4		14	62	20	36	6	●
DC150-03-03.500A1-	3,5		14	62	20	36	6	●
DC150-03-03.572A1-	3,572	9/64"	14	62	20	36	6	●
DC150-03-03.600A1-	3,6		14	62	20	36	6	●
DC150-03-03.650A1-	3,65		14	62	20	36	6	●
DC150-03-03.700A1-	3,7		14	62	20	36	6	●
DC150-03-03.800A1-	3,8		17	66	24	36	6	●
DC150-03-03.900A1-	3,9		17	66	24	36	6	●
DC150-03-03.969A1-	3,969	5/32"	17	66	24	36	6	●
DC150-03-04.000A1-	4		17	66	24	36	6	●
DC150-03-04.100A1-	4,1		17	66	24	36	6	●
DC150-03-04.200A1-	4,2		17	66	24	36	6	●
DC150-03-04.300A1-	4,3		17	66	24	36	6	●
DC150-03-04.366A1-	4,366	11/64"	17	66	24	36	6	●
DC150-03-04.400A1-	4,4		17	66	24	36	6	●
DC150-03-04.500A1-	4,5		17	66	24	36	6	●
DC150-03-04.600A1-	4,6		17	66	24	36	6	●
DC150-03-04.650A1-	4,65		17	66	24	36	6	●
DC150-03-04.700A1-	4,7		17	66	24	36	6	●
DC150-03-04.763A1-	4,763	3/16"	20	66	28	36	6	●
DC150-03-04.800A1-	4,8		20	66	28	36	6	●
DC150-03-04.900A1-	4,9		20	66	28	36	6	●
DC150-03-05.000A1-	5		20	66	28	36	6	●
DC150-03-05.100A1-	5,1		20	66	28	36	6	●
DC150-03-05.159A1-	5,159	13/64"	20	66	28	36	6	●
DC150-03-05.200A1-	5,2		20	66	28	36	6	●
DC150-03-05.300A1-	5,3		20	66	28	36	6	●
DC150-03-05.400A1-	5,4		20	66	28	36	6	●
DC150-03-05.500A1-	5,5		20	66	28	36	6	●
DC150-03-05.550A1-	5,55		20	66	28	36	6	●

Ordering example for the grade WJ30RE: DC150-03-03.000A1-WJ30RE

Tool



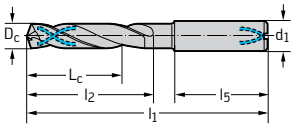
DIN 6535 HA

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-05.556A1-	5,556	7/32"	20	66	28	36	6	●
DC150-03-05.600A1-	5,6		20	66	28	36	6	●
DC150-03-05.700A1-	5,7		20	66	28	36	6	●
DC150-03-05.800A1-	5,8		20	66	28	36	6	●
DC150-03-05.900A1-	5,9		20	66	28	36	6	●
DC150-03-05.953A1-	5,953	15/64"	20	66	28	36	6	●
DC150-03-06.000A1-	6		20	66	28	36	6	●
DC150-03-06.100A1-	6,1		24	79	34	36	8	●
DC150-03-06.200A1-	6,2		24	79	34	36	8	●
DC150-03-06.300A1-	6,3		24	79	34	36	8	●
DC150-03-06.350A1-	6,350	1/4"	24	79	34	36	8	●
DC150-03-06.400A1-	6,4		24	79	34	36	8	●
DC150-03-06.500A1-	6,5		24	79	34	36	8	●
DC150-03-06.600A1-	6,6		24	79	34	36	8	●
DC150-03-06.700A1-	6,7		24	79	34	36	8	●
DC150-03-06.747A1-	6,747	17/64"	24	79	34	36	8	●
DC150-03-06.800A1-	6,8		24	79	34	36	8	●
DC150-03-06.900A1-	6,9		24	79	34	36	8	●
DC150-03-07.000A1-	7		24	79	34	36	8	●
DC150-03-07.100A1-	7,1		29	79	41	36	8	●
DC150-03-07.144A1-	7,144	9/32"	29	79	41	36	8	●
DC150-03-07.200A1-	7,2		29	79	41	36	8	●
DC150-03-07.300A1-	7,3		29	79	41	36	8	●
DC150-03-07.400A1-	7,4		29	79	41	36	8	●
DC150-03-07.500A1-	7,5		29	79	41	36	8	●
DC150-03-07.541A1-	7,541	19/64"	29	79	41	36	8	●
DC150-03-07.600A1-	7,6		29	79	41	36	8	●
DC150-03-07.700A1-	7,7		29	79	41	36	8	●
DC150-03-07.800A1-	7,8		29	79	41	36	8	●
DC150-03-07.900A1-	7,9		29	79	41	36	8	●
DC150-03-07.938A1-	7,938	5/16"	29	79	41	36	8	●
DC150-03-08.000A1-	8		29	79	41	36	8	●
DC150-03-08.100A1-	8,1		35	89	47	40	10	●
DC150-03-08.200A1-	8,2		35	89	47	40	10	●
DC150-03-08.300A1-	8,3		35	89	47	40	10	●
DC150-03-08.334A1-	8,334	21/64"	35	89	47	40	10	●
DC150-03-08.400A1-	8,4		35	89	47	40	10	●
DC150-03-08.500A1-	8,5		35	89	47	40	10	●
DC150-03-08.600A1-	8,6		35	89	47	40	10	●
DC150-03-08.700A1-	8,7		35	89	47	40	10	●
DC150-03-08.731A1-	8,731	11/32"	35	89	47	40	10	●
DC150-03-08.800A1-	8,8		35	89	47	40	10	●
DC150-03-08.900A1-	8,9		35	89	47	40	10	●
DC150-03-09.000A1-	9		35	89	47	40	10	●
DC150-03-09.100A1-	9,1		35	89	47	40	10	●
DC150-03-09.128A1-	9,128	23/64"	35	89	47	40	10	●

Ordering example for the grade WJ30RE: DC150-03-03.000A1-WJ30RE

Tool



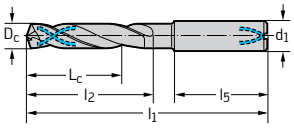
DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-09.200A1-	9,2		35	89	47	40	10	●
DC150-03-09.300A1-	9,3		35	89	47	40	10	●
DC150-03-09.400A1-	9,4		35	89	47	40	10	●
DC150-03-09.500A1-	9,5		35	89	47	40	10	●
DC150-03-09.525A1-	9,525	3/8"	35	89	47	40	10	●
DC150-03-09.600A1-	9,6		35	89	47	40	10	●
DC150-03-09.700A1-	9,7		35	89	47	40	10	●
DC150-03-09.800A1-	9,8		35	89	47	40	10	●
DC150-03-09.900A1-	9,9		35	89	47	40	10	●
DC150-03-09.922A1-	9,922	25/64"	35	89	47	40	10	●
DC150-03-10.000A1-	10		35	89	47	40	10	●
DC150-03-10.100A1-	10,1		40	102	55	45	12	●
DC150-03-10.200A1-	10,2		40	102	55	45	12	●
DC150-03-10.300A1-	10,3		40	102	55	45	12	●
DC150-03-10.319A1-	10,319	13/32"	40	102	55	45	12	●
DC150-03-10.400A1-	10,4		40	102	55	45	12	●
DC150-03-10.500A1-	10,5		40	102	55	45	12	●
DC150-03-10.600A1-	10,6		40	102	55	45	12	●
DC150-03-10.700A1-	10,7		40	102	55	45	12	●
DC150-03-10.716A1-	10,716	27/64"	40	102	55	45	12	●
DC150-03-10.800A1-	10,8		40	102	55	45	12	●
DC150-03-10.900A1-	10,9		40	102	55	45	12	●
DC150-03-11.000A1-	11		40	102	55	45	12	●
DC150-03-11.100A1-	11,1		40	102	55	45	12	●
DC150-03-11.113A1-	11,113	7/16"	40	102	55	45	12	●
DC150-03-11.200A1-	11,2		40	102	55	45	12	●
DC150-03-11.300A1-	11,3		40	102	55	45	12	●
DC150-03-11.400A1-	11,4		40	102	55	45	12	●
DC150-03-11.500A1-	11,5		40	102	55	45	12	●
DC150-03-11.509A1-	11,509	29/64"	40	102	55	45	12	●
DC150-03-11.600A1-	11,6		40	102	55	45	12	●
DC150-03-11.700A1-	11,7		40	102	55	45	12	●
DC150-03-11.800A1-	11,8		40	102	55	45	12	●
DC150-03-11.900A1-	11,9		40	102	55	45	12	●
DC150-03-11.906A1-	11,906	15/32"	40	102	55	45	12	●
DC150-03-12.000A1-	12		40	102	55	45	12	●
DC150-03-12.100A1-	12,1		43	107	60	45	14	●
DC150-03-12.200A1-	12,2		43	107	60	45	14	●
DC150-03-12.300A1-	12,3		43	107	60	45	14	●
DC150-03-12.303A1-	12,303	31/64"	43	107	60	45	14	●
DC150-03-12.500A1-	12,5		43	107	60	45	14	●
DC150-03-12.600A1-	12,6		43	107	60	45	14	●
DC150-03-12.700A1-	12,700	1/2"	43	107	60	45	14	●
DC150-03-12.800A1-	12,8		43	107	60	45	14	●
DC150-03-12.900A1-	12,9		43	107	60	45	14	●
DC150-03-13.000A1-	13		43	107	60	45	14	●

Ordering example for the grade WJ30RE: DC150-03-03.000A1-WJ30RE

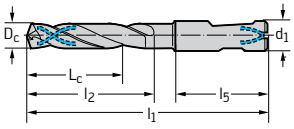
B1

Tool



DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-13.100A1-	13,1		43	107	60	45	14	●
DC150-03-13.200A1-	13,2		43	107	60	45	14	●
DC150-03-13.300A1-	13,3		43	107	60	45	14	●
DC150-03-13.494A1-	13,494	17/32"	43	107	60	45	14	●
DC150-03-13.500A1-	13,5		43	107	60	45	14	●
DC150-03-13.800A1-	13,8		43	107	60	45	14	●
DC150-03-14.000A1-	14		43	107	60	45	14	●
DC150-03-14.100A1-	14,1		45	115	65	48	16	●
DC150-03-14.200A1-	14,2		45	115	65	48	16	●
DC150-03-14.288A1-	14,288	9/16"	45	115	65	48	16	●
DC150-03-14.500A1-	14,5		45	115	65	48	16	●
DC150-03-14.600A1-	14,6		45	115	65	48	16	●
DC150-03-14.700A1-	14,7		45	115	65	48	16	●
DC150-03-15.000A1-	15		45	115	65	48	16	●
DC150-03-15.100A1-	15,1		45	115	65	48	16	●
DC150-03-15.300A1-	15,3		45	115	65	48	16	●
DC150-03-15.500A1-	15,5		45	115	65	48	16	●
DC150-03-15.700A1-	15,7		45	115	65	48	16	●
DC150-03-15.800A1-	15,8		45	115	65	48	16	●
DC150-03-15.875A1-	15,875	5/8"	45	115	65	48	16	●
DC150-03-16.000A1-	16		45	115	65	48	16	●
DC150-03-16.300A1-	16,3		51	123	73	48	18	●
DC150-03-16.500A1-	16,5		51	123	73	48	18	●
DC150-03-16.700A1-	16,7		51	123	73	48	18	●
DC150-03-17.000A1-	17		51	123	73	48	18	●
DC150-03-17.500A1-	17,5		51	123	73	48	18	●
DC150-03-18.000A1-	18		51	123	73	48	18	●
DC150-03-18.500A1-	18,5		55	131	79	50	20	●
DC150-03-19.000A1-	19		55	131	79	50	20	●
DC150-03-19.050A1-	19,050	3/4"	55	131	79	50	20	●
DC150-03-20.000A1-	20		55	131	79	50	20	●

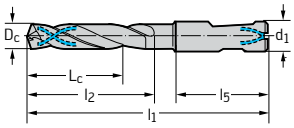


DIN 6535 HE, turned 180° DIN 6535 HB

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-03.000D1-	3		14	62	20	36	6	●
DC150-03-03.300D1-	3,3		14	62	20	36	6	●
DC150-03-03.400D1-	3,4		14	62	20	36	6	●
DC150-03-03.500D1-	3,5		14	62	20	36	6	●
DC150-03-03.700D1-	3,7		14	62	20	36	6	●
DC150-03-03.800D1-	3,8		17	66	24	36	6	●
DC150-03-04.000D1-	4		17	66	24	36	6	●
DC150-03-04.200D1-	4,2		17	66	24	36	6	●
DC150-03-04.300D1-	4,3		17	66	24	36	6	●
DC150-03-04.500D1-	4,5		17	66	24	36	6	●
DC150-03-04.800D1-	4,8		20	66	28	36	6	●
DC150-03-05.000D1-	5		20	66	28	36	6	●
DC150-03-05.100D1-	5,1		20	66	28	36	6	●
DC150-03-05.300D1-	5,3		20	66	28	36	6	●
DC150-03-05.500D1-	5,5		20	66	28	36	6	●

Ordering example for the grade WJ30RE: DC150-03-03.000A1-WJ30RE

Tool



DIN 6535 HE, turned 180° DIN 6535 HB

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-06.000D1-	6		20	66	28	36	6	●
DC150-03-06.500D1-	6,5		24	79	34	36	8	●
DC150-03-06.700D1-	6,7		24	79	34	36	8	●
DC150-03-06.800D1-	6,8		24	79	34	36	8	●
DC150-03-07.000D1-	7		24	79	34	36	8	●
DC150-03-07.500D1-	7,5		29	79	41	36	8	●
DC150-03-07.800D1-	7,8		29	79	41	36	8	●
DC150-03-08.000D1-	8		29	79	41	36	8	●
DC150-03-08.500D1-	8,5		35	89	47	40	10	●
DC150-03-08.600D1-	8,6		35	89	47	40	10	●
DC150-03-08.800D1-	8,8		35	89	47	40	10	●
DC150-03-09.000D1-	9		35	89	47	40	10	●
DC150-03-10.000D1-	10		35	89	47	40	10	●
DC150-03-10.200D1-	10,2		40	102	55	45	12	●
DC150-03-10.300D1-	10,3		40	102	55	45	12	●
DC150-03-10.500D1-	10,5		40	102	55	45	12	●
DC150-03-10.800D1-	10,8		40	102	55	45	12	●
DC150-03-11.000D1-	11		40	102	55	45	12	●
DC150-03-11.800D1-	11,8		40	102	55	45	12	●
DC150-03-12.000D1-	12		40	102	55	45	12	●
DC150-03-12.200D1-	12,2		43	107	60	45	14	●
DC150-03-12.500D1-	12,5		43	107	60	45	14	●
DC150-03-13.000D1-	13		43	107	60	45	14	●
DC150-03-14.000D1-	14		43	107	60	45	14	●
DC150-03-15.000D1-	15		45	115	65	48	16	●
DC150-03-15.500D1-	15,5		45	115	65	48	16	●
DC150-03-16.000D1-	16		45	115	65	48	16	●
DC150-03-16.500D1-	16,5		51	123	73	48	18	●
DC150-03-17.000D1-	17		51	123	73	48	18	●
DC150-03-17.500D1-	17,5		51	123	73	48	18	●
DC150-03-18.000D1-	18		51	123	73	48	18	●
DC150-03-19.000D1-	19		55	131	79	50	20	●
DC150-03-20.000D1-	20		55	131	79	50	20	●

Ordering example for the grade WJ30RE: DC150-03-03.000A1-WJ30RE

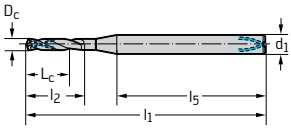
B1

Solid carbide micro drills with coolant-through

DB133 Supreme

B1

Tool



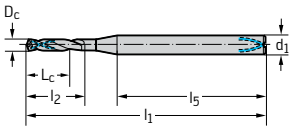
DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EL
DB133-05-00.700A1-	0,7		4,9	48	6	35	3	☻
DB133-05-00.750A1-	0,75		5,8	48	7	34	3	☻
DB133-05-00.794A1-	0,794	1/32"	5,8	48	7	34	3	☻
DB133-05-00.800A1-	0,8		5,8	48	7	34	3	☻
DB133-05-00.850A1-	0,85		6,6	50	8	35	3	☻
DB133-05-00.900A1-	0,9		6,6	50	8	35	3	☻
DB133-05-00.950A1-	0,95		7,5	50	9	34	3	☻
DB133-05-01.000A1-	1		7,5	50	9	34	3	☻
DB133-05-01.050A1-	1,05		7	51	9	36	3	☻
DB133-05-01.100A1-	1,1		7	51	9	36	3	☻
DB133-05-01.150A1-	1,15		8	51	10	35	3	☻
DB133-05-01.191A1-	1,191	3/64"	8	51	10	35	3	☻
DB133-05-01.200A1-	1,2		8	51	10	35	3	☻
DB133-05-01.250A1-	1,25		9	51	11	34	3	☻
DB133-05-01.300A1-	1,3		9	53	11	36	3	☻
DB133-05-01.350A1-	1,35		9	53	12	35	3	☻
DB133-05-01.400A1-	1,4		9	53	12	35	3	☻
DB133-05-01.450A1-	1,45		10	53	13	34	3	☻
DB133-05-01.500A1-	1,5		10	53	13	34	3	☻
DB133-05-01.550A1-	1,55		11	54	14	35	3	☻
DB133-05-01.588A1-	1,588	1/16"	11	54	14	35	3	☻
DB133-05-01.600A1-	1,6		11	54	14	35	3	☻
DB133-05-01.650A1-	1,65		11	54	14	35	3	☻
DB133-05-01.700A1-	1,7		11	54	14	35	3	☻
DB133-05-01.750A1-	1,75		12	54	15	34	3	☻
DB133-05-01.800A1-	1,8		12	54	15	34	3	☻
DB133-05-01.850A1-	1,85		13	57	16	36	3	☻
DB133-05-01.900A1-	1,9		13	57	16	36	3	☻
DB133-05-01.950A1-	1,95		14	57	17	35	3	☻
DB133-05-01.984A1-	1,984	5/64"	14	57	17	35	3	☻
DB133-05-02.000A1-	2		14	57	17	35	3	☻
DB133-05-02.050A1-	2,05		14	57	18	35	3	☻
DB133-05-02.100A1-	2,1		14	57	18	35	3	☻
DB133-05-02.150A1-	2,15		15	57	19	34	3	☻
DB133-05-02.200A1-	2,2		15	57	19	34	3	☻
DB133-05-02.250A1-	2,25		16	59	20	35	3	☻

Ordering example for the grade WJ30EL: DB133-05-00.700A1-WJ30EL

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

Tool



DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EL
DB133-05-02.300A1-	2,3		16	59	20	35	3	●
DB133-05-02.350A1-	2,35		16	59	20	35	3	●
DB133-05-02.381A1-	2,381	3/32"	16	59	20	35	3	●
DB133-05-02.400A1-	2,4		16	59	20	35	3	●
DB133-05-02.450A1-	2,45		17	59	21	34	3	●
DB133-05-02.500A1-	2,5		17	59	21	34	3	●
DB133-05-02.550A1-	2,55		18	62	22	36	3	●
DB133-05-02.600A1-	2,6		18	62	22	36	3	●
DB133-05-02.650A1-	2,65		18	62	23	36	3	●
DB133-05-02.700A1-	2,7		18	62	23	36	3	●
DB133-05-02.750A1-	2,75		19	62	24	35	3	●
DB133-05-02.778A1-	2,778	7/64"	19	62	24	35	3	●
DB133-05-02.800A1-	2,8		19	62	24	35	3	●
DB133-05-02.850A1-	2,85		20	62	25	34	3	●
DB133-05-02.900A1-	2,9		20	62	25	34	3	●
DB133-05-02.950A1-	2,95		20	62	25	34	3	●

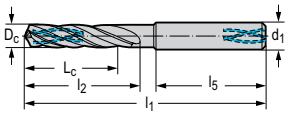
Ordering example for the grade WJ30EL: DB133-05-00.700A1-WJ30EL

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

– with innovative Krato-tec™ multilayer coating

B1

Tool

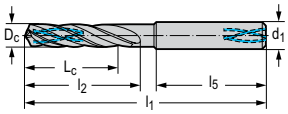


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EZ
DC183-05-03.000A1-	3		19	66	24	36	6	●
DC183-05-03.175A1-	3,175	1/8"	19	66	24	36	6	●
DC183-05-03.300A1-	3,3		19	66	24	36	6	●
DC183-05-03.500A1-	3,5		19	66	24	36	6	●
DC183-05-03.700A1-	3,7		19	66	24	36	6	●
DC183-05-03.900A1-	3,9		29	74	36	36	6	●
DC183-05-04.000A1-	4		29	74	36	36	6	●
DC183-05-04.100A1-	4,1		29	74	36	36	6	●
DC183-05-04.200A1-	4,2		29	74	36	36	6	●
DC183-05-04.300A1-	4,3		29	74	36	36	6	●
DC183-05-04.366A1-	4,366	11/64"	29	74	36	36	6	●
DC183-05-04.500A1-	4,5		29	74	36	36	6	●
DC183-05-04.763A1-	4,763	3/16"	35	82	44	36	6	●
DC183-05-04.800A1-	4,8		35	82	44	36	6	●
DC183-05-05.000A1-	5		35	82	44	36	6	●
DC183-05-05.100A1-	5,1		35	82	44	36	6	●
DC183-05-05.200A1-	5,2		35	82	44	36	6	●
DC183-05-05.500A1-	5,5		35	82	44	36	6	●
DC183-05-05.550A1-	5,5		35	82	44	36	6	●
DC183-05-05.556A1-	5,556	7/32"	35	82	44	36	6	●
DC183-05-05.800A1-	5,8		35	82	44	36	6	●
DC183-05-06.000A1-	6		35	82	44	36	6	●
DC183-05-06.100A1-	6,1		43	91	53	36	8	●
DC183-05-06.200A1-	6,2		43	91	53	36	8	●
DC183-05-06.350A1-	6,35	1/4"	43	91	53	36	8	●
DC183-05-06.500A1-	6,5		43	91	53	36	8	●
DC183-05-06.700A1-	6,7		43	91	53	36	8	●
DC183-05-06.747A1-	6,747	17/64"	43	91	53	36	8	●
DC183-05-06.800A1-	6,8		43	91	53	36	8	●
DC183-05-07.000A1-	7		43	91	53	36	8	●
DC183-05-07.144A1-	7,144	9/32"	43	91	53	36	8	●
DC183-05-07.400A1-	7,4		43	91	53	36	8	●
DC183-05-07.500A1-	7,5		43	91	53	36	8	●
DC183-05-07.541A1-	7,541	19/64"	43	91	53	36	8	●
DC183-05-07.800A1-	7,8		43	91	53	36	8	●
DC183-05-07.938A1-	7,938	5/16"	43	91	53	36	8	●

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

Tool



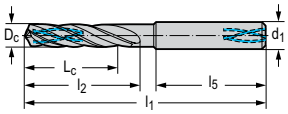
DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EZ
DC183-05-08.000A1-	8		43	91	53	36	8	●
DC183-05-08.100A1-	8,1		49	103	61	40	10	●
DC183-05-08.500A1-	8,5		49	103	61	40	10	●
DC183-05-08.600A1-	8,6		49	103	61	40	10	●
DC183-05-08.700A1-	8,7		49	103	61	40	10	●
DC183-05-08.731A1-	8,731	11/32"	49	103	61	40	10	●
DC183-05-08.800A1-	8,8		49	103	61	40	10	●
DC183-05-09.000A1-	9		49	103	61	40	10	●
DC183-05-09.100A1-	9,1		49	103	61	40	10	●
DC183-05-09.128A1-	9,128	23/64"	49	103	61	40	10	●
DC183-05-09.300A1-	9,3		49	103	61	40	10	●
DC183-05-09.500A1-	9,5		49	103	61	40	10	●
DC183-05-09.525A1-	9,525	3/8"	49	103	61	40	10	●
DC183-05-09.800A1-	9,8		49	103	61	40	10	●
DC183-05-09.922A1-	9,922	25/64"	49	103	61	40	10	●
DC183-05-10.000A1-	10		49	103	61	40	10	●
DC183-05-10.100A1-	10,1		56	118	71	45	12	●
DC183-05-10.200A1-	10,2		56	118	71	45	12	●
DC183-05-10.300A1-	10,3		56	118	71	45	12	●
DC183-05-10.319A1-	10,319	13/32"	56	118	71	45	12	●
DC183-05-10.500A1-	10,5		56	118	71	45	12	●
DC183-05-10.716A1-	10,716	27/64"	56	118	71	45	12	●
DC183-05-10.800A1-	10,8		56	118	71	45	12	●
DC183-05-11.000A1-	11		56	118	71	45	12	●
DC183-05-11.100A1-	11,1		56	118	71	45	12	●
DC183-05-11.113A1-	11,113	7/16"	56	118	71	45	12	●
DC183-05-11.200A1-	11,2		56	118	71	45	12	●
DC183-05-11.500A1-	11,5		56	118	71	45	12	●
DC183-05-11.509A1-	11,509	29/64"	56	118	71	45	12	●
DC183-05-11.800A1-	11,8		56	118	71	45	12	●
DC183-05-11.906A1-	11,906	15/32"	56	118	71	45	12	●
DC183-05-12.000A1-	12		56	118	71	45	12	●
DC183-05-12.100A1-	12,1		60	124	77	45	14	●
DC183-05-12.303A1-	12,303	31/64"	60	124	77	45	14	●
DC183-05-12.500A1-	12,5		60	124	77	45	14	●
DC183-05-12.700A1-	12,7	1/2"	60	124	77	45	14	●
DC183-05-13.000A1-	13		60	124	77	45	14	●
DC183-05-13.100A1-	13,1		60	124	77	45	14	●
DC183-05-13.494A1-	13,494	17/32"	60	124	77	45	14	●
DC183-05-13.500A1-	13,5		60	124	77	45	14	●
DC183-05-13.800A1-	13,8		60	124	77	45	14	●
DC183-05-14.000A1-	14		60	124	77	45	14	●
DC183-05-14.288A1-	14,288	9/16"	63	133	83	48	16	●
DC183-05-14.500A1-	14,5		63	133	83	48	16	●
DC183-05-15.000A1-	15		63	133	83	48	16	●
DC183-05-15.100A1-	15,1		63	133	83	48	16	●

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

B1

Tool



DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EZ
DC183-05-15.300A1-	15,3		63	133	83	48	16	☻
DC183-05-15.500A1-	15,5		63	133	83	48	16	☻
DC183-05-15.800A1-	15,8		63	133	83	48	16	☻
DC183-05-15.875A1-	15,875	5/8"	63	133	83	48	16	☻
DC183-05-16.000A1-	16		63	133	83	48	16	☻

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

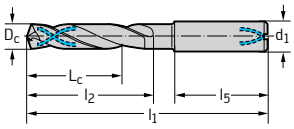
B1

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

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

– with innovative Krato-tec™ multilayer coating

Tool

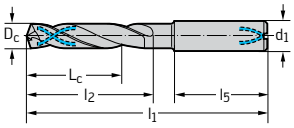


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EZ
DC180-05-03.000A1-	3		19	66	24	36	6	●
DC180-05-03.100A1-	3,1		19	66	24	36	6	●
DC180-05-03.175A1-	3,175	1/8"	19	66	24	36	6	●
DC180-05-03.200A1-	3,2		19	66	24	36	6	●
DC180-05-03.250A1-	3,2		19	66	24	36	6	●
DC180-05-03.300A1-	3,3		19	66	24	36	6	●
DC180-05-03.400A1-	3,4		19	66	24	36	6	●
DC180-05-03.500A1-	3,5		19	66	24	36	6	●
DC180-05-03.572A1-	3,572	9/64"	19	66	24	36	6	●
DC180-05-03.600A1-	3,6		19	66	24	36	6	●
DC180-05-03.700A1-	3,7		19	66	24	36	6	●
DC180-05-03.800A1-	3,8		29	74	36	36	6	●
DC180-05-03.900A1-	3,9		29	74	36	36	6	●
DC180-05-03.969A1-	3,969	5/32"	29	74	36	36	6	●
DC180-05-04.000A1-	4		29	74	36	36	6	●
DC180-05-04.100A1-	4,1		29	74	36	36	6	●
DC180-05-04.200A1-	4,2		29	74	36	36	6	●
DC180-05-04.300A1-	4,3		29	74	36	36	6	●
DC180-05-04.366A1-	4,366	11/64"	29	74	36	36	6	●
DC180-05-04.400A1-	4,4		29	74	36	36	6	●
DC180-05-04.500A1-	4,5		29	74	36	36	6	●
DC180-05-04.600A1-	4,6		29	74	36	36	6	●
DC180-05-04.650A1-	4,6		29	74	36	36	6	●
DC180-05-04.700A1-	4,7		29	74	36	36	6	●
DC180-05-04.763A1-	4,763	3/16"	35	82	44	36	6	●
DC180-05-04.800A1-	4,8		35	82	44	36	6	●
DC180-05-04.900A1-	4,9		35	82	44	36	6	●
DC180-05-05.000A1-	5		35	82	44	36	6	●
DC180-05-05.100A1-	5,1		35	82	44	36	6	●
DC180-05-05.159A1-	5,159	13/64"	35	82	44	36	6	●
DC180-05-05.200A1-	5,2		35	82	44	36	6	●
DC180-05-05.300A1-	5,3		35	82	44	36	6	●
DC180-05-05.400A1-	5,4		35	82	44	36	6	●
DC180-05-05.500A1-	5,5		35	82	44	36	6	●
DC180-05-05.550A1-	5,5		35	82	44	36	6	●
DC180-05-05.556A1-	5,556	7/32"	35	82	44	36	6	●

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

Tool



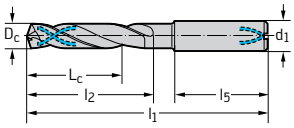
DIN 6535 HA

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EZ
DC180-05-05.600A1-	5,6		35	82	44	36	6	●
DC180-05-05.700A1-	5,7		35	82	44	36	6	●
DC180-05-05.800A1-	5,8		35	82	44	36	6	●
DC180-05-05.900A1-	5,9		35	82	44	36	6	●
DC180-05-05.953A1-	5,953	15/64"	35	82	44	36	6	●
DC180-05-06.000A1-	6		35	82	44	36	6	●
DC180-05-06.100A1-	6,1		43	91	53	36	8	●
DC180-05-06.200A1-	6,2		43	91	53	36	8	●
DC180-05-06.300A1-	6,3		43	91	53	36	8	●
DC180-05-06.350A1-	6,350	1/4"	43	91	53	36	8	●
DC180-05-06.400A1-	6,4		43	91	53	36	8	●
DC180-05-06.500A1-	6,5		43	91	53	36	8	●
DC180-05-06.600A1-	6,6		43	91	53	36	8	●
DC180-05-06.700A1-	6,7		43	91	53	36	8	●
DC180-05-06.747A1-	6,747	17/64"	43	91	53	36	8	●
DC180-05-06.800A1-	6,8		43	91	53	36	8	●
DC180-05-06.900A1-	6,9		43	91	53	36	8	●
DC180-05-07.000A1-	7		43	91	53	36	8	●
DC180-05-07.100A1-	7,1		43	91	53	36	8	●
DC180-05-07.144A1-	7,144	9/32"	43	91	53	36	8	●
DC180-05-07.200A1-	7,2		43	91	53	36	8	●
DC180-05-07.300A1-	7,3		43	91	53	36	8	●
DC180-05-07.400A1-	7,4		43	91	53	36	8	●
DC180-05-07.500A1-	7,5		43	91	53	36	8	●
DC180-05-07.541A1-	7,541	19/64"	43	91	53	36	8	●
DC180-05-07.800A1-	7,8		43	91	53	36	8	●
DC180-05-07.900A1-	7,9		43	91	53	36	8	●
DC180-05-07.938A1-	7,938	5/16"	43	91	53	36	8	●
DC180-05-08.000A1-	8		43	91	53	36	8	●
DC180-05-08.100A1-	8,1		49	103	61	40	10	●
DC180-05-08.200A1-	8,2		49	103	61	40	10	●
DC180-05-08.300A1-	8,3		49	103	61	40	10	●
DC180-05-08.334A1-	8,334	21/64"	49	103	61	40	10	●
DC180-05-08.400A1-	8,4		49	103	61	40	10	●
DC180-05-08.500A1-	8,5		49	103	61	40	10	●
DC180-05-08.600A1-	8,6		49	103	61	40	10	●
DC180-05-08.700A1-	8,7		49	103	61	40	10	●
DC180-05-08.750A1-	8,7		49	103	61	40	10	●
DC180-05-08.731A1-	8,731	11/32"	49	103	61	40	10	●
DC180-05-08.800A1-	8,8		49	103	61	40	10	●
DC180-05-09.000A1-	9		49	103	61	40	10	●
DC180-05-09.128A1-	9,128	23/64"	49	103	61	40	10	●
DC180-05-09.200A1-	9,2		49	103	61	40	10	●
DC180-05-09.300A1-	9,3		49	103	61	40	10	●
DC180-05-09.500A1-	9,5		49	103	61	40	10	●
DC180-05-09.525A1-	9,525	3/8"	49	103	61	40	10	●

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

Tool



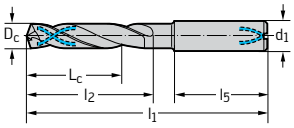
DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EZ
DC180-05-09.600A1-	9,6		49	103	61	40	10	●
DC180-05-09.700A1-	9,7		49	103	61	40	10	●
DC180-05-09.800A1-	9,8		49	103	61	40	10	●
DC180-05-09.900A1-	9,9		49	103	61	40	10	●
DC180-05-09.922A1-	9,922	25/64"	49	103	61	40	10	●
DC180-05-10.000A1-	10		49	103	61	40	10	●
DC180-05-10.100A1-	10,1		56	118	71	45	12	●
DC180-05-10.200A1-	10,2		56	118	71	45	12	●
DC180-05-10.300A1-	10,3		56	118	71	45	12	●
DC180-05-10.319A1-	10,319	13/32"	56	118	71	45	12	●
DC180-05-10.400A1-	10,4		56	118	71	45	12	●
DC180-05-10.500A1-	10,5		56	118	71	45	12	●
DC180-05-10.716A1-	10,716	27/64"	56	118	71	45	12	●
DC180-05-10.800A1-	10,8		56	118	71	45	12	●
DC180-05-11.000A1-	11		56	118	71	45	12	●
DC180-05-11.100A1-	11,1		56	118	71	45	12	●
DC180-05-11.113A1-	11,113	7/16"	56	118	71	45	12	●
DC180-05-11.200A1-	11,2		56	118	71	45	12	●
DC180-05-11.300A1-	11,3		56	118	71	45	12	●
DC180-05-11.400A1-	11,4		56	118	71	45	12	●
DC180-05-11.500A1-	11,5		56	118	71	45	12	●
DC180-05-11.509A1-	11,509	29/64"	56	118	71	45	12	●
DC180-05-11.700A1-	11,7		56	118	71	45	12	●
DC180-05-11.800A1-	11,8		56	118	71	45	12	●
DC180-05-11.906A1-	11,906	15/32"	56	118	71	45	12	●
DC180-05-12.000A1-	12		56	118	71	45	12	●
DC180-05-12.100A1-	12,1		60	124	77	45	14	●
DC180-05-12.200A1-	12,2		60	124	77	45	14	●
DC180-05-12.300A1-	12,3		60	124	77	45	14	●
DC180-05-12.303A1-	12,303	31/64"	60	124	77	45	14	●
DC180-05-12.500A1-	12,5		60	124	77	45	14	●
DC180-05-12.600A1-	12,6		60	124	77	45	14	●
DC180-05-12.700A1-	12,700	1/2"	60	124	77	45	14	●
DC180-05-13.000A1-	13		60	124	77	45	14	●
DC180-05-13.100A1-	13,1		60	124	77	45	14	●
DC180-05-13.300A1-	13,3		60	124	77	45	14	●
DC180-05-13.494A1-	13,494	17/32"	60	124	77	45	14	●
DC180-05-13.500A1-	13,5		60	124	77	45	14	●
DC180-05-14.000A1-	14		60	124	77	45	14	●
DC180-05-14.288A1-	14,288	9/16"	63	133	83	48	16	●
DC180-05-14.500A1-	14,5		63	133	83	48	16	●
DC180-05-15.000A1-	15		63	133	83	48	16	●
DC180-05-15.100A1-	15,1		63	133	83	48	16	●
DC180-05-15.300A1-	15,3		63	133	83	48	16	●
DC180-05-15.500A1-	15,5		63	133	83	48	16	●
DC180-05-15.875A1-	15,875	5/8"	63	133	83	48	16	●

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

B1

Tool



DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EZ
DC180-05-16.000A1-	16		63	133	83	48	16	☻
DC180-05-16.500A1-	16,5		71	143	93	48	18	☻
DC180-05-17.000A1-	17		71	143	93	48	18	☻
DC180-05-17.500A1-	17,5		71	143	93	48	18	☻
DC180-05-18.000A1-	18		71	143	93	48	18	☻
DC180-05-18.500A1-	18,5		77	153	101	50	20	☻
DC180-05-19.000A1-	19		77	153	101	50	20	☻
DC180-05-19.050A1-	19,050	3/4"	77	153	101	50	20	☻
DC180-05-20.000A1-	20		77	153	101	50	20	☻

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

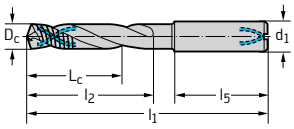
B1

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

Solid carbide drills with coolant-through
DC170 Supreme

B1

Tool

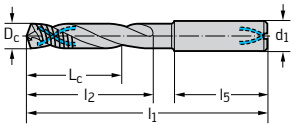


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EJ
DC170-05-03.000A1-	3		23	66	28	36	6	●
DC170-05-03.100A1-	3,1		23	66	28	36	6	●
DC170-05-03.175A1-	3,175	1/8"	23	66	28	36	6	●
DC170-05-03.200A1-	3,2		23	66	28	36	6	●
DC170-05-03.300A1-	3,3		23	66	28	36	6	●
DC170-05-03.400A1-	3,4		23	66	28	36	6	●
DC170-05-03.500A1-	3,5		23	66	28	36	6	●
DC170-05-03.600A1-	3,6		23	66	28	36	6	●
DC170-05-03.700A1-	3,7		23	66	28	36	6	●
DC170-05-03.800A1-	3,8		29	74	36	36	6	●
DC170-05-03.900A1-	3,9		29	74	36	36	6	●
DC170-05-03.969A1-	3,969	5/32"	29	74	36	36	6	●
DC170-05-04.000A1-	4		29	74	36	36	6	●
DC170-05-04.100A1-	4,1		29	74	36	36	6	●
DC170-05-04.200A1-	4,2		29	74	36	36	6	●
DC170-05-04.300A1-	4,3		29	74	36	36	6	●
DC170-05-04.366A1-	4,366	11/64"	29	74	36	36	6	●
DC170-05-04.400A1-	4,4		29	74	36	36	6	●
DC170-05-04.500A1-	4,5		29	74	36	36	6	●
DC170-05-04.600A1-	4,6		29	74	36	36	6	●
DC170-05-04.650A1-	4,65		29	74	36	36	6	●
DC170-05-04.700A1-	4,7		29	74	36	36	6	●
DC170-05-04.763A1-	4,763	3/16"	35	82	44	36	6	●
DC170-05-04.800A1-	4,8		35	82	44	36	6	●
DC170-05-04.900A1-	4,9		35	82	44	36	6	●
DC170-05-05.000A1-	5		35	82	44	36	6	●
DC170-05-05.100A1-	5,1		35	82	44	36	6	●
DC170-05-05.159A1-	5,159	13/64"	35	82	44	36	6	●
DC170-05-05.200A1-	5,2		35	82	44	36	6	●
DC170-05-05.300A1-	5,3		35	82	44	36	6	●
DC170-05-05.500A1-	5,5		35	82	44	36	6	●
DC170-05-05.550A1-	5,55		35	82	44	36	6	●
DC170-05-05.556A1-	5,556	7/32"	35	82	44	36	6	●
DC170-05-05.600A1-	5,6		35	82	44	36	6	●
DC170-05-05.700A1-	5,7		35	82	44	36	6	●
DC170-05-05.800A1-	5,8		35	82	44	36	6	●

Ordering example for the grade WJ30EJ: DC170-05-03.000A1-WJ30EJ

Tool



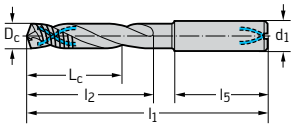
DIN 6535 HA

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EJ
DC170-05-05.900A1-	5,9		35	82	44	36	6	●
DC170-05-05.953A1-	5,953	15/64"	35	82	44	36	6	●
DC170-05-06.000A1-	6		35	82	44	36	6	●
DC170-05-06.100A1-	6,1		43	91	53	36	8	●
DC170-05-06.200A1-	6,2		43	91	53	36	8	●
DC170-05-06.300A1-	6,3		43	91	53	36	8	●
DC170-05-06.350A1-	6,350	1/4"	43	91	53	36	8	●
DC170-05-06.400A1-	6,4		43	91	53	36	8	●
DC170-05-06.500A1-	6,5		43	91	53	36	8	●
DC170-05-06.600A1-	6,6		43	91	53	36	8	●
DC170-05-06.700A1-	6,7		43	91	53	36	8	●
DC170-05-06.747A1-	6,747	17/64"	43	91	53	36	8	●
DC170-05-06.800A1-	6,8		43	91	53	36	8	●
DC170-05-06.900A1-	6,9		43	91	53	36	8	●
DC170-05-07.000A1-	7		43	91	53	36	8	●
DC170-05-07.100A1-	7,1		43	91	53	36	8	●
DC170-05-07.144A1-	7,144	9/32"	43	91	53	36	8	●
DC170-05-07.200A1-	7,2		43	91	53	36	8	●
DC170-05-07.300A1-	7,3		43	91	53	36	8	●
DC170-05-07.400A1-	7,4		43	91	53	36	8	●
DC170-05-07.500A1-	7,5		43	91	53	36	8	●
DC170-05-07.800A1-	7,8		43	91	53	36	8	●
DC170-05-07.900A1-	7,9		43	91	53	36	8	●
DC170-05-07.938A1-	7,938	5/16"	43	91	53	36	8	●
DC170-05-08.000A1-	8		43	91	53	36	8	●
DC170-05-08.100A1-	8,1		49	103	61	40	10	●
DC170-05-08.200A1-	8,2		49	103	61	40	10	●
DC170-05-08.300A1-	8,3		49	103	61	40	10	●
DC170-05-08.334A1-	8,334	21/64"	49	103	61	40	10	●
DC170-05-08.400A1-	8,4		49	103	61	40	10	●
DC170-05-08.500A1-	8,5		49	103	61	40	10	●
DC170-05-08.600A1-	8,6		49	103	61	40	10	●
DC170-05-08.700A1-	8,7		49	103	61	40	10	●
DC170-05-08.731A1-	8,731	11/32"	49	103	61	40	10	●
DC170-05-08.800A1-	8,8		49	103	61	40	10	●
DC170-05-09.000A1-	9		49	103	61	40	10	●
DC170-05-09.128A1-	9,128	23/64"	49	103	61	40	10	●
DC170-05-09.200A1-	9,2		49	103	61	40	10	●
DC170-05-09.300A1-	9,3		49	103	61	40	10	●
DC170-05-09.500A1-	9,5		49	103	61	40	10	●
DC170-05-09.525A1-	9,525	3/8"	49	103	61	40	10	●
DC170-05-09.600A1-	9,6		49	103	61	40	10	●
DC170-05-09.700A1-	9,7		49	103	61	40	10	●
DC170-05-09.800A1-	9,8		49	103	61	40	10	●
DC170-05-09.900A1-	9,9		49	103	61	40	10	●
DC170-05-10.000A1-	10		49	103	61	40	10	●

Ordering example for the grade WJ30EJ: DC170-05-03.000A1-WJ30EJ

Tool



DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EJ
DC170-05-10.100A1-	10,1		56	118	71	45	12	
DC170-05-10.200A1-	10,2		56	118	71	45	12	
DC170-05-10.300A1-	10,3		56	118	71	45	12	
DC170-05-10.319A1-	10,319	13/32"	56	118	71	45	12	
DC170-05-10.400A1-	10,4		56	118	71	45	12	
DC170-05-10.500A1-	10,5		56	118	71	45	12	
DC170-05-10.716A1-	10,716	27/64"	56	118	71	45	12	
DC170-05-10.800A1-	10,8		56	118	71	45	12	
DC170-05-11.000A1-	11		56	118	71	45	12	
DC170-05-11.100A1-	11,1		56	118	71	45	12	
DC170-05-11.113A1-	11,113	7/16"	56	118	71	45	12	
DC170-05-11.200A1-	11,2		56	118	71	45	12	
DC170-05-11.500A1-	11,5		56	118	71	45	12	
DC170-05-11.509A1-	11,509	29/64"	56	118	71	45	12	
DC170-05-11.800A1-	11,8		56	118	71	45	12	
DC170-05-11.906A1-	11,906	15/32"	56	118	71	45	12	
DC170-05-12.000A1-	12		56	118	71	45	12	
DC170-05-12.100A1-	12,1		60	124	77	45	14	
DC170-05-12.200A1-	12,2		60	124	77	45	14	
DC170-05-12.300A1-	12,3		60	124	77	45	14	
DC170-05-12.303A1-	12,303	31/64"	60	124	77	45	14	
DC170-05-12.500A1-	12,5		60	124	77	45	14	
DC170-05-12.700A1-	12,700	1/2"	60	124	77	45	14	
DC170-05-13.000A1-	13		60	124	77	45	14	
DC170-05-13.300A1-	13,3		60	124	77	45	14	
DC170-05-13.494A1-	13,494	17/32"	60	124	77	45	14	
DC170-05-13.500A1-	13,5		60	124	77	45	14	
DC170-05-14.000A1-	14		60	124	77	45	14	
DC170-05-14.288A1-	14,288	9/16"	63	133	83	48	16	
DC170-05-14.500A1-	14,5		63	133	83	48	16	
DC170-05-15.000A1-	15		63	133	83	48	16	
DC170-05-15.500A1-	15,5		63	133	83	48	16	
DC170-05-15.875A1-	15,875	5/8"	63	133	83	48	16	
DC170-05-16.000A1-	16		63	133	83	48	16	
DC170-05-16.500A1-	16,5		71	143	93	48	18	
DC170-05-17.000A1-	17		71	143	93	48	18	
DC170-05-17.500A1-	17,5		71	143	93	48	18	
DC170-05-18.000A1-	18		71	143	93	48	18	
DC170-05-18.500A1-	18,5		77	153	101	50	20	
DC170-05-19.000A1-	19		77	153	101	50	20	
DC170-05-19.050A1-	19,050	3/4"	77	153	101	50	20	
DC170-05-20.000A1-	20		77	153	101	50	20	

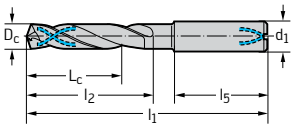
Ordering example for the grade WJ30EJ: DC170-05-03.000A1-WJ30EJ

B1

Solid carbide twist drill
DC166 Supreme

B1

Tool



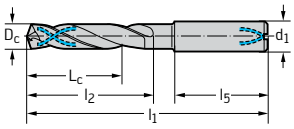
DIN 6535 HA

Designation	D_c m7 mm	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30UU
DC166-05-03.000A1-	3	23	66	28	36	6	☻
DC166-05-04.000A1-	4	29	74	36	36	6	☻
DC166-05-04.200A1-	4,2	29	74	36	36	6	☻
DC166-05-05.000A1-	5	35	82	44	36	6	☻
DC166-05-06.000A1-	6	35	82	44	36	6	☻
DC166-05-06.800A1-	6,8	43	91	53	36	8	☻
DC166-05-07.500A1-	7,5	43	91	53	36	8	☻
DC166-05-08.000A1-	8	43	91	53	36	8	☻
DC166-05-08.500A1-	8,5	49	103	61	40	10	☻
DC166-05-09.300A1-	9,3	49	103	61	40	10	☻
DC166-05-10.000A1-	10	49	103	61	40	10	☻
DC166-05-10.200A1-	10,2	56	118	71	45	12	☻
DC166-05-12.000A1-	12	56	118	71	45	12	☻

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

Solid carbide drills with coolant-through
DC160 Advance
X-treme Evo

Tool

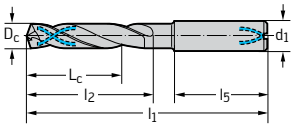


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-03.000A1-	3		23	66	28	36	6	●
DC160-05-03.100A1-	3,1		23	66	28	36	6	●
DC160-05-03.175A1-	3,175	1/8"	23	66	28	36	6	●
DC160-05-03.200A1-	3,2		23	66	28	36	6	●
DC160-05-03.250A1-	3,25		23	66	28	36	6	●
DC160-05-03.300A1-	3,3		23	66	28	36	6	●
DC160-05-03.400A1-	3,4		23	66	28	36	6	●
DC160-05-03.500A1-	3,5		23	66	28	36	6	●
DC160-05-03.572A1-	3,572	9/64"	23	66	28	36	6	●
DC160-05-03.600A1-	3,6		23	66	28	36	6	●
DC160-05-03.650A1-	3,65		23	66	28	36	6	●
DC160-05-03.700A1-	3,7		23	66	28	36	6	●
DC160-05-03.800A1-	3,8		29	74	36	36	6	●
DC160-05-03.900A1-	3,9		29	74	36	36	6	●
DC160-05-03.969A1-	3,969	5/32"	29	74	36	36	6	●
DC160-05-04.000A1-	4		29	74	36	36	6	●
DC160-05-04.100A1-	4,1		29	74	36	36	6	●
DC160-05-04.200A1-	4,2		29	74	36	36	6	●
DC160-05-04.300A1-	4,3		29	74	36	36	6	●
DC160-05-04.366A1-	4,366	11/64"	29	74	36	36	6	●
DC160-05-04.400A1-	4,4		29	74	36	36	6	●
DC160-05-04.500A1-	4,5		29	74	36	36	6	●
DC160-05-04.600A1-	4,6		29	74	36	36	6	●
DC160-05-04.650A1-	4,65		29	74	36	36	6	●
DC160-05-04.700A1-	4,7		29	74	36	36	6	●
DC160-05-04.763A1-	4,763	3/16"	35	82	44	36	6	●
DC160-05-04.800A1-	4,8		35	82	44	36	6	●
DC160-05-04.900A1-	4,9		35	82	44	36	6	●
DC160-05-05.000A1-	5		35	82	44	36	6	●
DC160-05-05.100A1-	5,1		35	82	44	36	6	●
DC160-05-05.159A1-	5,159	13/64"	35	82	44	36	6	●
DC160-05-05.200A1-	5,2		35	82	44	36	6	●
DC160-05-05.300A1-	5,3		35	82	44	36	6	●
DC160-05-05.400A1-	5,4		35	82	44	36	6	●
DC160-05-05.500A1-	5,5		35	82	44	36	6	●
DC160-05-05.550A1-	5,55		35	82	44	36	6	●

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

Tool



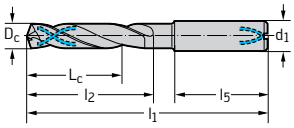
DIN 6535 HA

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-05.556A1-	5,556	7/32"	35	82	44	36	6	●
DC160-05-05.600A1-	5,6		35	82	44	36	6	●
DC160-05-05.700A1-	5,7		35	82	44	36	6	●
DC160-05-05.800A1-	5,8		35	82	44	36	6	●
DC160-05-05.900A1-	5,9		35	82	44	36	6	●
DC160-05-05.953A1-	5,953	15/64"	35	82	44	36	6	●
DC160-05-06.000A1-	6		35	82	44	36	6	●
DC160-05-06.100A1-	6,1		43	91	53	36	8	●
DC160-05-06.200A1-	6,2		43	91	53	36	8	●
DC160-05-06.300A1-	6,3		43	91	53	36	8	●
DC160-05-06.350A1-	6,350	1/4"	43	91	53	36	8	●
DC160-05-06.400A1-	6,4		43	91	53	36	8	●
DC160-05-06.500A1-	6,5		43	91	53	36	8	●
DC160-05-06.600A1-	6,6		43	91	53	36	8	●
DC160-05-06.700A1-	6,7		43	91	53	36	8	●
DC160-05-06.747A1-	6,747	17/64"	43	91	53	36	8	●
DC160-05-06.800A1-	6,8		43	91	53	36	8	●
DC160-05-06.900A1-	6,9		43	91	53	36	8	●
DC160-05-07.000A1-	7		43	91	53	36	8	●
DC160-05-07.100A1-	7,1		43	91	53	36	8	●
DC160-05-07.144A1-	7,144	9/32"	43	91	53	36	8	●
DC160-05-07.200A1-	7,2		43	91	53	36	8	●
DC160-05-07.300A1-	7,3		43	91	53	36	8	●
DC160-05-07.400A1-	7,4		43	91	53	36	8	●
DC160-05-07.500A1-	7,5		43	91	53	36	8	●
DC160-05-07.541A1-	7,541	19/64"	43	91	53	36	8	●
DC160-05-07.550A1-	7,55		43	91	53	36	8	●
DC160-05-07.600A1-	7,6		43	91	53	36	8	●
DC160-05-07.700A1-	7,7		43	91	53	36	8	●
DC160-05-07.800A1-	7,8		43	91	53	36	8	●
DC160-05-07.900A1-	7,9		43	91	53	36	8	●
DC160-05-07.938A1-	7,938	5/16"	43	91	53	36	8	●
DC160-05-08.000A1-	8		43	91	53	36	8	●
DC160-05-08.100A1-	8,1		49	103	61	40	10	●
DC160-05-08.200A1-	8,2		49	103	61	40	10	●
DC160-05-08.300A1-	8,3		49	103	61	40	10	●
DC160-05-08.334A1-	8,334	21/64"	49	103	61	40	10	●
DC160-05-08.400A1-	8,4		49	103	61	40	10	●
DC160-05-08.500A1-	8,5		49	103	61	40	10	●
DC160-05-08.600A1-	8,6		49	103	61	40	10	●
DC160-05-08.700A1-	8,7		49	103	61	40	10	●
DC160-05-08.731A1-	8,731	11/32"	49	103	61	40	10	●
DC160-05-08.800A1-	8,8		49	103	61	40	10	●
DC160-05-08.900A1-	8,9		49	103	61	40	10	●
DC160-05-09.000A1-	9		49	103	61	40	10	●
DC160-05-09.100A1-	9,1		49	103	61	40	10	●

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

Tool



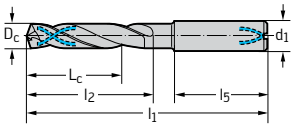
DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-09.128A1-	9,128	23/64"	49	103	61	40	10	●
DC160-05-09.200A1-	9,2		49	103	61	40	10	●
DC160-05-09.300A1-	9,3		49	103	61	40	10	●
DC160-05-09.400A1-	9,4		49	103	61	40	10	●
DC160-05-09.500A1-	9,5		49	103	61	40	10	●
DC160-05-09.525A1-	9,525	3/8"	49	103	61	40	10	●
DC160-05-09.550A1-	9,55		49	103	61	40	10	●
DC160-05-09.600A1-	9,6		49	103	61	40	10	●
DC160-05-09.700A1-	9,7		49	103	61	40	10	●
DC160-05-09.800A1-	9,8		49	103	61	40	10	●
DC160-05-09.900A1-	9,9		49	103	61	40	10	●
DC160-05-09.922A1-	9,922	25/64"	49	103	61	40	10	●
DC160-05-10.000A1-	10		49	103	61	40	10	●
DC160-05-10.100A1-	10,1		56	118	71	45	12	●
DC160-05-10.200A1-	10,2		56	118	71	45	12	●
DC160-05-10.300A1-	10,3		56	118	71	45	12	●
DC160-05-10.319A1-	10,319	13/32"	56	118	71	45	12	●
DC160-05-10.400A1-	10,4		56	118	71	45	12	●
DC160-05-10.500A1-	10,5		56	118	71	45	12	●
DC160-05-10.600A1-	10,6		56	118	71	45	12	●
DC160-05-10.700A1-	10,7		56	118	71	45	12	●
DC160-05-10.716A1-	10,716	27/64"	56	118	71	45	12	●
DC160-05-10.800A1-	10,8		56	118	71	45	12	●
DC160-05-10.900A1-	10,9		56	118	71	45	12	●
DC160-05-11.000A1-	11		56	118	71	45	12	●
DC160-05-11.100A1-	11,1		56	118	71	45	12	●
DC160-05-11.113A1-	11,113	7/16"	56	118	71	45	12	●
DC160-05-11.200A1-	11,2		56	118	71	45	12	●
DC160-05-11.300A1-	11,3		56	118	71	45	12	●
DC160-05-11.400A1-	11,4		56	118	71	45	12	●
DC160-05-11.500A1-	11,5		56	118	71	45	12	●
DC160-05-11.509A1-	11,509	29/64"	56	118	71	45	12	●
DC160-05-11.550A1-	11,55		56	118	71	45	12	●
DC160-05-11.600A1-	11,6		56	118	71	45	12	●
DC160-05-11.700A1-	11,7		56	118	71	45	12	●
DC160-05-11.800A1-	11,8		56	118	71	45	12	●
DC160-05-11.900A1-	11,9		56	118	71	45	12	●
DC160-05-11.906A1-	11,906	15/32"	56	118	71	45	12	●
DC160-05-12.000A1-	12		56	118	71	45	12	●
DC160-05-12.100A1-	12,1		60	124	77	45	14	●
DC160-05-12.200A1-	12,2		60	124	77	45	14	●
DC160-05-12.250A1-	12,25		60	124	77	45	14	●
DC160-05-12.300A1-	12,3		60	124	77	45	14	●
DC160-05-12.303A1-	12,303	31/64"	60	124	77	45	14	●
DC160-05-12.400A1-	12,4		60	124	77	45	14	●
DC160-05-12.500A1-	12,5		60	124	77	45	14	●

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

B1

Tool



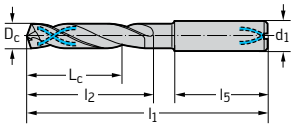
DIN 6535 HA

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-12.600A1-	12,6		60	124	77	45	14	●
DC160-05-12.700A1-	12,700	1/2"	60	124	77	45	14	●
DC160-05-12.750A1-	12,75		60	124	77	45	14	●
DC160-05-12.800A1-	12,8		60	124	77	45	14	●
DC160-05-12.900A1-	12,9		60	124	77	45	14	●
DC160-05-13.000A1-	13		60	124	77	45	14	●
DC160-05-13.100A1-	13,1		60	124	77	45	14	●
DC160-05-13.200A1-	13,2		60	124	77	45	14	●
DC160-05-13.300A1-	13,3		60	124	77	45	14	●
DC160-05-13.400A1-	13,4		60	124	77	45	14	●
DC160-05-13.494A1-	13,494	17/32"	60	124	77	45	14	●
DC160-05-13.500A1-	13,5		60	124	77	45	14	●
DC160-05-13.600A1-	13,6		60	124	77	45	14	●
DC160-05-13.700A1-	13,7		60	124	77	45	14	●
DC160-05-13.800A1-	13,8		60	124	77	45	14	●
DC160-05-13.900A1-	13,9		60	124	77	45	14	●
DC160-05-14.000A1-	14		60	124	77	45	14	●
DC160-05-14.100A1-	14,1		63	133	83	48	16	●
DC160-05-14.200A1-	14,2		63	133	83	48	16	●
DC160-05-14.288A1-	14,288	9/16"	63	133	83	48	16	●
DC160-05-14.300A1-	14,3		63	133	83	48	16	●
DC160-05-14.400A1-	14,4		63	133	83	48	16	●
DC160-05-14.500A1-	14,5		63	133	83	48	16	●
DC160-05-14.600A1-	14,6		63	133	83	48	16	●
DC160-05-14.700A1-	14,7		63	133	83	48	16	●
DC160-05-14.750A1-	14,75		63	133	83	48	16	●
DC160-05-14.800A1-	14,8		63	133	83	48	16	●
DC160-05-14.900A1-	14,9		63	133	83	48	16	●
DC160-05-15.000A1-	15		63	133	83	48	16	●
DC160-05-15.100A1-	15,1		63	133	83	48	16	●
DC160-05-15.200A1-	15,2		63	133	83	48	16	●
DC160-05-15.300A1-	15,3		63	133	83	48	16	●
DC160-05-15.400A1-	15,4		63	133	83	48	16	●
DC160-05-15.500A1-	15,5		63	133	83	48	16	●
DC160-05-15.600A1-	15,6		63	133	83	48	16	●
DC160-05-15.700A1-	15,7		63	133	83	48	16	●
DC160-05-15.800A1-	15,8		63	133	83	48	16	●
DC160-05-15.875A1-	15,875	5/8"	63	133	83	48	16	●
DC160-05-15.900A1-	15,9		63	133	83	48	16	●
DC160-05-16.000A1-	16		63	133	83	48	16	●
DC160-05-16.100A1-	16,1		71	143	93	48	18	●
DC160-05-16.200A1-	16,2		71	143	93	48	18	●
DC160-05-16.300A1-	16,3		71	143	93	48	18	●
DC160-05-16.400A1-	16,4		71	143	93	48	18	●
DC160-05-16.500A1-	16,5		71	143	93	48	18	●
DC160-05-16.600A1-	16,6		71	143	93	48	18	●

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

Tool



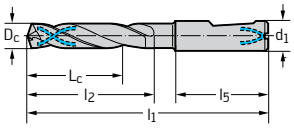
DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-16.700A1-	16,7		71	143	93	48	18	
DC160-05-16.750A1-	16,75		71	143	93	48	18	
DC160-05-16.800A1-	16,8		71	143	93	48	18	
DC160-05-16.900A1-	16,9		71	143	93	48	18	
DC160-05-17.000A1-	17		71	143	93	48	18	
DC160-05-17.100A1-	17,1		71	143	93	48	18	
DC160-05-17.200A1-	17,2		71	143	93	48	18	
DC160-05-17.300A1-	17,3		71	143	93	48	18	
DC160-05-17.400A1-	17,4		71	143	93	48	18	
DC160-05-17.500A1-	17,5		71	143	93	48	18	
DC160-05-17.600A1-	17,6		71	143	93	48	18	
DC160-05-17.700A1-	17,7		71	143	93	48	18	
DC160-05-17.800A1-	17,8		71	143	93	48	18	
DC160-05-17.900A1-	17,9		71	143	93	48	18	
DC160-05-18.000A1-	18		71	143	93	48	18	
DC160-05-18.100A1-	18,1		77	153	101	50	20	
DC160-05-18.200A1-	18,2		77	153	101	50	20	
DC160-05-18.300A1-	18,3		77	153	101	50	20	
DC160-05-18.400A1-	18,4		77	153	101	50	20	
DC160-05-18.500A1-	18,5		77	153	101	50	20	
DC160-05-18.600A1-	18,6		77	153	101	50	20	
DC160-05-18.700A1-	18,7		77	153	101	50	20	
DC160-05-18.800A1-	18,8		77	153	101	50	20	
DC160-05-18.900A1-	18,9		77	153	101	50	20	
DC160-05-19.000A1-	19		77	153	101	50	20	
DC160-05-19.050A1-	19,050	3/4"	77	153	101	50	20	
DC160-05-19.100A1-	19,1		77	153	101	50	20	
DC160-05-19.200A1-	19,2		77	153	101	50	20	
DC160-05-19.300A1-	19,3		77	153	101	50	20	
DC160-05-19.400A1-	19,4		77	153	101	50	20	
DC160-05-19.500A1-	19,5		77	153	101	50	20	
DC160-05-19.600A1-	19,6		77	153	101	50	20	
DC160-05-19.700A1-	19,7		77	153	101	50	20	
DC160-05-19.800A1-	19,8		77	153	101	50	20	
DC160-05-19.900A1-	19,9		77	153	101	50	20	
DC160-05-20.000A1-	20		77	153	101	50	20	
DC160-05-20.500A1-	20,5		86	166	108	56	25	
DC160-05-21.000A1-	21		86	166	108	56	25	
DC160-05-21.500A1-	21,5		86	166	108	56	25	
DC160-05-22.000A1-	22		86	166	108	56	25	
DC160-05-22.500A1-	22,5		91	173	115	56	25	
DC160-05-23.000A1-	23		91	173	115	56	25	
DC160-05-23.500A1-	23,5		91	173	115	56	25	
DC160-05-24.000A1-	24		91	173	115	56	25	
DC160-05-24.500A1-	24,5		97	180	122	56	25	
DC160-05-25.000A1-	25		97	180	122	56	25	

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

B1

Tool



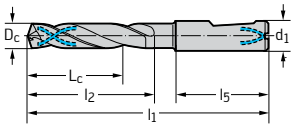
DIN 6535 HE

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-03.000F1-	3		23	66	28	36	6	●
DC160-05-03.100F1-	3,1		23	66	28	36	6	●
DC160-05-03.200F1-	3,2		23	66	28	36	6	●
DC160-05-03.250F1-	3,25		23	66	28	36	6	●
DC160-05-03.300F1-	3,3		23	66	28	36	6	●
DC160-05-03.400F1-	3,4		23	66	28	36	6	●
DC160-05-03.500F1-	3,5		23	66	28	36	6	●
DC160-05-03.600F1-	3,6		23	66	28	36	6	●
DC160-05-03.650F1-	3,65		23	66	28	36	6	●
DC160-05-03.700F1-	3,7		23	66	28	36	6	●
DC160-05-03.800F1-	3,8		29	74	36	36	6	●
DC160-05-03.900F1-	3,9		29	74	36	36	6	●
DC160-05-04.000F1-	4		29	74	36	36	6	●
DC160-05-04.100F1-	4,1		29	74	36	36	6	●
DC160-05-04.200F1-	4,2		29	74	36	36	6	●
DC160-05-04.300F1-	4,3		29	74	36	36	6	●
DC160-05-04.400F1-	4,4		29	74	36	36	6	●
DC160-05-04.500F1-	4,5		29	74	36	36	6	●
DC160-05-04.600F1-	4,6		29	74	36	36	6	●
DC160-05-04.650F1-	4,65		29	74	36	36	6	●
DC160-05-04.700F1-	4,7		29	74	36	36	6	●
DC160-05-04.800F1-	4,8		35	82	44	36	6	●
DC160-05-04.900F1-	4,9		35	82	44	36	6	●
DC160-05-05.000F1-	5		35	82	44	36	6	●
DC160-05-05.100F1-	5,1		35	82	44	36	6	●
DC160-05-05.200F1-	5,2		35	82	44	36	6	●
DC160-05-05.300F1-	5,3		35	82	44	36	6	●
DC160-05-05.400F1-	5,4		35	82	44	36	6	●
DC160-05-05.500F1-	5,5		35	82	44	36	6	●
DC160-05-05.550F1-	5,55		35	82	44	36	6	●
DC160-05-05.600F1-	5,6		35	82	44	36	6	●
DC160-05-05.700F1-	5,7		35	82	44	36	6	●
DC160-05-05.800F1-	5,8		35	82	44	36	6	●
DC160-05-05.900F1-	5,9		35	82	44	36	6	●
DC160-05-06.000F1-	6		35	82	44	36	6	●
DC160-05-06.100F1-	6,1		43	91	53	36	8	●
DC160-05-06.200F1-	6,2		43	91	53	36	8	●
DC160-05-06.300F1-	6,3		43	91	53	36	8	●
DC160-05-06.400F1-	6,4		43	91	53	36	8	●
DC160-05-06.500F1-	6,5		43	91	53	36	8	●
DC160-05-06.600F1-	6,6		43	91	53	36	8	●
DC160-05-06.700F1-	6,7		43	91	53	36	8	●
DC160-05-06.800F1-	6,8		43	91	53	36	8	●
DC160-05-06.900F1-	6,9		43	91	53	36	8	●
DC160-05-07.000F1-	7		43	91	53	36	8	●
DC160-05-07.100F1-	7,1		43	91	53	36	8	●

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

Tool

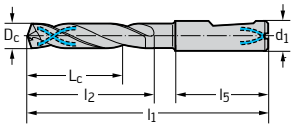


DIN 6535 HE

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-07.200F1-	7,2		43	91	53	36	8	
DC160-05-07.300F1-	7,3		43	91	53	36	8	
DC160-05-07.400F1-	7,4		43	91	53	36	8	
DC160-05-07.500F1-	7,5		43	91	53	36	8	
DC160-05-07.550F1-	7,55		43	91	53	36	8	
DC160-05-07.600F1-	7,6		43	91	53	36	8	
DC160-05-07.700F1-	7,7		43	91	53	36	8	
DC160-05-07.800F1-	7,8		43	91	53	36	8	
DC160-05-07.900F1-	7,9		43	91	53	36	8	
DC160-05-08.000F1-	8		43	91	53	36	8	
DC160-05-08.100F1-	8,1		49	103	61	40	10	
DC160-05-08.200F1-	8,2		49	103	61	40	10	
DC160-05-08.300F1-	8,3		49	103	61	40	10	
DC160-05-08.400F1-	8,4		49	103	61	40	10	
DC160-05-08.500F1-	8,5		49	103	61	40	10	
DC160-05-08.600F1-	8,6		49	103	61	40	10	
DC160-05-08.700F1-	8,7		49	103	61	40	10	
DC160-05-08.800F1-	8,8		49	103	61	40	10	
DC160-05-08.900F1-	8,9		49	103	61	40	10	
DC160-05-09.000F1-	9		49	103	61	40	10	
DC160-05-09.100F1-	9,1		49	103	61	40	10	
DC160-05-09.200F1-	9,2		49	103	61	40	10	
DC160-05-09.300F1-	9,3		49	103	61	40	10	
DC160-05-09.400F1-	9,4		49	103	61	40	10	
DC160-05-09.500F1-	9,5		49	103	61	40	10	
DC160-05-09.550F1-	9,55		49	103	61	40	10	
DC160-05-09.600F1-	9,6		49	103	61	40	10	
DC160-05-09.700F1-	9,7		49	103	61	40	10	
DC160-05-09.800F1-	9,8		49	103	61	40	10	
DC160-05-09.900F1-	9,9		49	103	61	40	10	
DC160-05-10.000F1-	10		49	103	61	40	10	
DC160-05-10.100F1-	10,1		56	118	71	45	12	
DC160-05-10.200F1-	10,2		56	118	71	45	12	
DC160-05-10.300F1-	10,3		56	118	71	45	12	
DC160-05-10.400F1-	10,4		56	118	71	45	12	
DC160-05-10.500F1-	10,5		56	118	71	45	12	
DC160-05-10.600F1-	10,6		56	118	71	45	12	
DC160-05-10.700F1-	10,7		56	118	71	45	12	
DC160-05-10.800F1-	10,8		56	118	71	45	12	
DC160-05-10.900F1-	10,9		56	118	71	45	12	
DC160-05-11.000F1-	11		56	118	71	45	12	
DC160-05-11.100F1-	11,1		56	118	71	45	12	
DC160-05-11.200F1-	11,2		56	118	71	45	12	
DC160-05-11.300F1-	11,3		56	118	71	45	12	
DC160-05-11.400F1-	11,4		56	118	71	45	12	
DC160-05-11.500F1-	11,5		56	118	71	45	12	

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

Tool



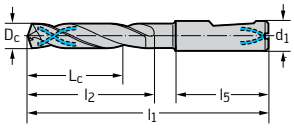
DIN 6535 HE

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-11.550F1-	11,55		56	118	71	45	12	●
DC160-05-11.600F1-	11,6		56	118	71	45	12	●
DC160-05-11.700F1-	11,7		56	118	71	45	12	●
DC160-05-11.800F1-	11,8		56	118	71	45	12	●
DC160-05-11.900F1-	11,9		56	118	71	45	12	●
DC160-05-12.000F1-	12		56	118	71	45	12	●
DC160-05-12.100F1-	12,1		60	124	77	45	14	●
DC160-05-12.200F1-	12,2		60	124	77	45	14	●
DC160-05-12.250F1-	12,25		60	124	77	45	14	●
DC160-05-12.300F1-	12,3		60	124	77	45	14	●
DC160-05-12.400F1-	12,4		60	124	77	45	14	●
DC160-05-12.500F1-	12,5		60	124	77	45	14	●
DC160-05-12.600F1-	12,6		60	124	77	45	14	●
DC160-05-12.700F1-	12,700	1/2"	60	124	77	45	14	●
DC160-05-12.800F1-	12,8		60	124	77	45	14	●
DC160-05-12.900F1-	12,9		60	124	77	45	14	●
DC160-05-13.000F1-	13		60	124	77	45	14	●
DC160-05-13.100F1-	13,1		60	124	77	45	14	●
DC160-05-13.200F1-	13,2		60	124	77	45	14	●
DC160-05-13.300F1-	13,3		60	124	77	45	14	●
DC160-05-13.400F1-	13,4		60	124	77	45	14	●
DC160-05-13.500F1-	13,5		60	124	77	45	14	●
DC160-05-13.600F1-	13,6		60	124	77	45	14	●
DC160-05-13.700F1-	13,7		60	124	77	45	14	●
DC160-05-13.800F1-	13,8		60	124	77	45	14	●
DC160-05-13.900F1-	13,9		60	124	77	45	14	●
DC160-05-14.000F1-	14		60	124	77	45	14	●
DC160-05-14.100F1-	14,1		63	133	83	48	16	●
DC160-05-14.200F1-	14,2		63	133	83	48	16	●
DC160-05-14.300F1-	14,3		63	133	83	48	16	●
DC160-05-14.400F1-	14,4		63	133	83	48	16	●
DC160-05-14.500F1-	14,5		63	133	83	48	16	●
DC160-05-14.600F1-	14,6		63	133	83	48	16	●
DC160-05-14.700F1-	14,7		63	133	83	48	16	●
DC160-05-14.750F1-	14,75		63	133	83	48	16	●
DC160-05-14.800F1-	14,8		63	133	83	48	16	●
DC160-05-14.900F1-	14,9		63	133	83	48	16	●
DC160-05-15.000F1-	15		63	133	83	48	16	●
DC160-05-15.100F1-	15,1		63	133	83	48	16	●
DC160-05-15.200F1-	15,2		63	133	83	48	16	●
DC160-05-15.300F1-	15,3		63	133	83	48	16	●
DC160-05-15.400F1-	15,4		63	133	83	48	16	●
DC160-05-15.500F1-	15,5		63	133	83	48	16	●
DC160-05-15.600F1-	15,6		63	133	83	48	16	●
DC160-05-15.700F1-	15,7		63	133	83	48	16	●
DC160-05-15.800F1-	15,8		63	133	83	48	16	●

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

Tool

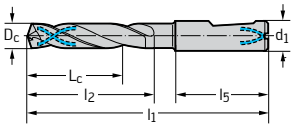


DIN 6535 HE

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-15.900F1-	15,9		63	133	83	48	16	
DC160-05-16.000F1-	16		63	133	83	48	16	
DC160-05-16.100F1-	16,1		71	143	93	48	18	
DC160-05-16.200F1-	16,2		71	143	93	48	18	
DC160-05-16.300F1-	16,3		71	143	93	48	18	
DC160-05-16.400F1-	16,4		71	143	93	48	18	
DC160-05-16.500F1-	16,5		71	143	93	48	18	
DC160-05-16.600F1-	16,6		71	143	93	48	18	
DC160-05-16.700F1-	16,7		71	143	93	48	18	
DC160-05-16.750F1-	16,75		71	143	93	48	18	
DC160-05-16.800F1-	16,8		71	143	93	48	18	
DC160-05-16.900F1-	16,9		71	143	93	48	18	
DC160-05-17.000F1-	17		71	143	93	48	18	
DC160-05-17.100F1-	17,1		71	143	93	48	18	
DC160-05-17.200F1-	17,2		71	143	93	48	18	
DC160-05-17.300F1-	17,3		71	143	93	48	18	
DC160-05-17.400F1-	17,4		71	143	93	48	18	
DC160-05-17.500F1-	17,5		71	143	93	48	18	
DC160-05-17.600F1-	17,6		71	143	93	48	18	
DC160-05-17.700F1-	17,7		71	143	93	48	18	
DC160-05-17.800F1-	17,8		71	143	93	48	18	
DC160-05-17.900F1-	17,9		71	143	93	48	18	
DC160-05-18.000F1-	18		71	143	93	48	18	
DC160-05-18.100F1-	18,1		77	153	101	50	20	
DC160-05-18.200F1-	18,2		77	153	101	50	20	
DC160-05-18.300F1-	18,3		77	153	101	50	20	
DC160-05-18.400F1-	18,4		77	153	101	50	20	
DC160-05-18.500F1-	18,5		77	153	101	50	20	
DC160-05-18.600F1-	18,6		77	153	101	50	20	
DC160-05-18.700F1-	18,7		77	153	101	50	20	
DC160-05-18.800F1-	18,8		77	153	101	50	20	
DC160-05-18.900F1-	18,9		77	153	101	50	20	
DC160-05-19.000F1-	19		77	153	101	50	20	
DC160-05-19.100F1-	19,1		77	153	101	50	20	
DC160-05-19.200F1-	19,2		77	153	101	50	20	
DC160-05-19.300F1-	19,3		77	153	101	50	20	
DC160-05-19.400F1-	19,4		77	153	101	50	20	
DC160-05-19.500F1-	19,5		77	153	101	50	20	
DC160-05-19.600F1-	19,6		77	153	101	50	20	
DC160-05-19.700F1-	19,7		77	153	101	50	20	
DC160-05-19.800F1-	19,8		77	153	101	50	20	
DC160-05-19.900F1-	19,9		77	153	101	50	20	
DC160-05-20.000F1-	20		77	153	101	50	20	
DC160-05-20.500F1-	20,5		86	166	108	56	25	
DC160-05-21.000F1-	21		86	166	108	56	25	
DC160-05-21.500F1-	21,5		86	166	108	56	25	

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

Tool



DIN 6535 HE

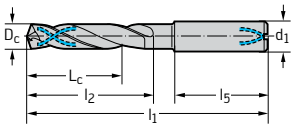
Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-22.000F1-	22		86	166	108	56	25	☻
DC160-05-22.500F1-	22,5		91	173	115	56	25	☻
DC160-05-23.000F1-	23		91	173	115	56	25	☻
DC160-05-23.500F1-	23,5		91	173	115	56	25	☻
DC160-05-24.000F1-	24		91	173	115	56	25	☻
DC160-05-24.500F1-	24,5		97	180	122	56	25	☻
DC160-05-25.000F1-	25		97	180	122	56	25	☻

Ordering example for the grade WJ30ET: DC160-05-03.000A1-WJ30ET

B1

Solid carbide drills with coolant-through
DC150 Perform

Tool

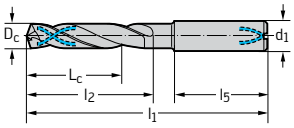


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-05-03.000A1-	3		23	66	28	36	6	●
DC150-05-03.100A1-	3,1		23	66	28	36	6	●
DC150-05-03.175A1-	3,175	1/8"	23	66	28	36	6	●
DC150-05-03.200A1-	3,2		23	66	28	36	6	●
DC150-05-03.250A1-	3,25		23	66	28	36	6	●
DC150-05-03.300A1-	3,3		23	66	28	36	6	●
DC150-05-03.400A1-	3,4		23	66	28	36	6	●
DC150-05-03.500A1-	3,5		23	66	28	36	6	●
DC150-05-03.572A1-	3,572	9/64"	23	66	28	36	6	●
DC150-05-03.600A1-	3,6		23	66	28	36	6	●
DC150-05-03.650A1-	3,65		23	66	28	36	6	●
DC150-05-03.700A1-	3,7		23	66	28	36	6	●
DC150-05-03.800A1-	3,8		29	74	36	36	6	●
DC150-05-03.900A1-	3,9		29	74	36	36	6	●
DC150-05-03.969A1-	3,969	5/32"	29	74	36	36	6	●
DC150-05-04.000A1-	4		29	74	36	36	6	●
DC150-05-04.100A1-	4,1		29	74	36	36	6	●
DC150-05-04.200A1-	4,2		29	74	36	36	6	●
DC150-05-04.300A1-	4,3		29	74	36	36	6	●
DC150-05-04.366A1-	4,366	11/64"	29	74	36	36	6	●
DC150-05-04.400A1-	4,4		29	74	36	36	6	●
DC150-05-04.500A1-	4,5		29	74	36	36	6	●
DC150-05-04.600A1-	4,6		29	74	36	36	6	●
DC150-05-04.650A1-	4,65		29	74	36	36	6	●
DC150-05-04.700A1-	4,7		29	74	36	36	6	●
DC150-05-04.763A1-	4,763	3/16"	35	82	44	36	6	●
DC150-05-04.800A1-	4,8		35	82	44	36	6	●
DC150-05-04.900A1-	4,9		35	82	44	36	6	●
DC150-05-05.000A1-	5		35	82	44	36	6	●
DC150-05-05.100A1-	5,1		35	82	44	36	6	●
DC150-05-05.159A1-	5,159	13/64"	35	82	44	36	6	●
DC150-05-05.200A1-	5,2		35	82	44	36	6	●
DC150-05-05.300A1-	5,3		35	82	44	36	6	●
DC150-05-05.400A1-	5,4		35	82	44	36	6	●
DC150-05-05.500A1-	5,5		35	82	44	36	6	●
DC150-05-05.550A1-	5,55		35	82	44	36	6	●

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

Tool



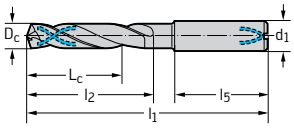
DIN 6535 HA

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-05-05.556A1-	5,556	7/32"	35	82	44	36	6	●
DC150-05-05.600A1-	5,6		35	82	44	36	6	●
DC150-05-05.700A1-	5,7		35	82	44	36	6	●
DC150-05-05.800A1-	5,8		35	82	44	36	6	●
DC150-05-05.900A1-	5,9		35	82	44	36	6	●
DC150-05-05.953A1-	5,953	15/64"	35	82	44	36	6	●
DC150-05-06.000A1-	6		35	82	44	36	6	●
DC150-05-06.100A1-	6,1		43	91	53	36	8	●
DC150-05-06.200A1-	6,2		43	91	53	36	8	●
DC150-05-06.300A1-	6,3		43	91	53	36	8	●
DC150-05-06.350A1-	6,350	1/4"	43	91	53	36	8	●
DC150-05-06.400A1-	6,4		43	91	53	36	8	●
DC150-05-06.500A1-	6,5		43	91	53	36	8	●
DC150-05-06.600A1-	6,6		43	91	53	36	8	●
DC150-05-06.700A1-	6,7		43	91	53	36	8	●
DC150-05-06.747A1-	6,747	17/64"	43	91	53	36	8	●
DC150-05-06.800A1-	6,8		43	91	53	36	8	●
DC150-05-06.900A1-	6,9		43	91	53	36	8	●
DC150-05-07.000A1-	7		43	91	53	36	8	●
DC150-05-07.100A1-	7,1		43	91	53	36	8	●
DC150-05-07.144A1-	7,144	9/32"	43	91	53	36	8	●
DC150-05-07.200A1-	7,2		43	91	53	36	8	●
DC150-05-07.300A1-	7,3		43	91	53	36	8	●
DC150-05-07.400A1-	7,4		43	91	53	36	8	●
DC150-05-07.500A1-	7,5		43	91	53	36	8	●
DC150-05-07.541A1-	7,541	19/64"	43	91	53	36	8	●
DC150-05-07.550A1-	7,55		43	91	53	36	8	●
DC150-05-07.600A1-	7,6		43	91	53	36	8	●
DC150-05-07.700A1-	7,7		43	91	53	36	8	●
DC150-05-07.800A1-	7,8		43	91	53	36	8	●
DC150-05-07.900A1-	7,9		43	91	53	36	8	●
DC150-05-07.938A1-	7,938	5/16"	43	91	53	36	8	●
DC150-05-08.000A1-	8		43	91	53	36	8	●
DC150-05-08.100A1-	8,1		49	103	61	40	10	●
DC150-05-08.200A1-	8,2		49	103	61	40	10	●
DC150-05-08.300A1-	8,3		49	103	61	40	10	●
DC150-05-08.334A1-	8,334	21/64"	49	103	61	40	10	●
DC150-05-08.400A1-	8,4		49	103	61	40	10	●
DC150-05-08.500A1-	8,5		49	103	61	40	10	●
DC150-05-08.600A1-	8,6		49	103	61	40	10	●
DC150-05-08.700A1-	8,7		49	103	61	40	10	●
DC150-05-08.731A1-	8,731	11/32"	49	103	61	40	10	●
DC150-05-08.800A1-	8,8		49	103	61	40	10	●
DC150-05-08.900A1-	8,9		49	103	61	40	10	●
DC150-05-09.000A1-	9		49	103	61	40	10	●
DC150-05-09.100A1-	9,1		49	103	61	40	10	●

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

Tool



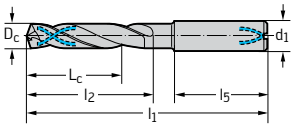
DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-05-09.128A1-	9,128	23/64"	49	103	61	40	10	●
DC150-05-09.200A1-	9,2		49	103	61	40	10	●
DC150-05-09.300A1-	9,3		49	103	61	40	10	●
DC150-05-09.400A1-	9,4		49	103	61	40	10	●
DC150-05-09.500A1-	9,5		49	103	61	40	10	●
DC150-05-09.525A1-	9,525	3/8"	49	103	61	40	10	●
DC150-05-09.550A1-	9,55		49	103	61	40	10	●
DC150-05-09.600A1-	9,6		49	103	61	40	10	●
DC150-05-09.700A1-	9,7		49	103	61	40	10	●
DC150-05-09.800A1-	9,8		49	103	61	40	10	●
DC150-05-09.900A1-	9,9		49	103	61	40	10	●
DC150-05-09.922A1-	9,922	25/64"	49	103	61	40	10	●
DC150-05-10.000A1-	10		49	103	61	40	10	●
DC150-05-10.100A1-	10,1		56	118	71	45	12	●
DC150-05-10.200A1-	10,2		56	118	71	45	12	●
DC150-05-10.300A1-	10,3		56	118	71	45	12	●
DC150-05-10.319A1-	10,319	13/32"	56	118	71	45	12	●
DC150-05-10.400A1-	10,4		56	118	71	45	12	●
DC150-05-10.500A1-	10,5		56	118	71	45	12	●
DC150-05-10.600A1-	10,6		56	118	71	45	12	●
DC150-05-10.700A1-	10,7		56	118	71	45	12	●
DC150-05-10.716A1-	10,716	27/64"	56	118	71	45	12	●
DC150-05-10.800A1-	10,8		56	118	71	45	12	●
DC150-05-10.900A1-	10,9		56	118	71	45	12	●
DC150-05-11.000A1-	11		56	118	71	45	12	●
DC150-05-11.100A1-	11,1		56	118	71	45	12	●
DC150-05-11.113A1-	11,113	7/16"	56	118	71	45	12	●
DC150-05-11.200A1-	11,2		56	118	71	45	12	●
DC150-05-11.300A1-	11,3		56	118	71	45	12	●
DC150-05-11.400A1-	11,4		56	118	71	45	12	●
DC150-05-11.500A1-	11,5		56	118	71	45	12	●
DC150-05-11.509A1-	11,509	29/64"	56	118	71	45	12	●
DC150-05-11.600A1-	11,6		56	118	71	45	12	●
DC150-05-11.700A1-	11,7		56	118	71	45	12	●
DC150-05-11.800A1-	11,8		56	118	71	45	12	●
DC150-05-11.900A1-	11,9		56	118	71	45	12	●
DC150-05-11.906A1-	11,906	15/32"	56	118	71	45	12	●
DC150-05-12.000A1-	12		56	118	71	45	12	●
DC150-05-12.100A1-	12,1		60	124	77	45	14	●
DC150-05-12.200A1-	12,2		60	124	77	45	14	●
DC150-05-12.250A1-	12,25		60	124	77	45	14	●
DC150-05-12.300A1-	12,3		60	124	77	45	14	●
DC150-05-12.303A1-	12,303	31/64"	60	124	77	45	14	●
DC150-05-12.400A1-	12,4		60	124	77	45	14	●
DC150-05-12.500A1-	12,5		60	124	77	45	14	●
DC150-05-12.600A1-	12,6		60	124	77	45	14	●

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

B1

Tool



DIN 6535 HA

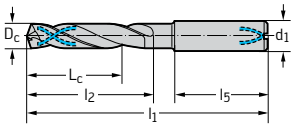
B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-05-12.700A1-	12,700	1/2"	60	124	77	45	14	●
DC150-05-12.800A1-	12,8		60	124	77	45	14	●
DC150-05-12.900A1-	12,9		60	124	77	45	14	●
DC150-05-13.000A1-	13		60	124	77	45	14	●
DC150-05-13.100A1-	13,1		60	124	77	45	14	●
DC150-05-13.200A1-	13,2		60	124	77	45	14	●
DC150-05-13.300A1-	13,3		60	124	77	45	14	●
DC150-05-13.400A1-	13,4		60	124	77	45	14	●
DC150-05-13.494A1-	13,494	17/32"	60	124	77	45	14	●
DC150-05-13.500A1-	13,5		60	124	77	45	14	●
DC150-05-13.600A1-	13,6		60	124	77	45	14	●
DC150-05-13.700A1-	13,7		60	124	77	45	14	●
DC150-05-13.800A1-	13,8		60	124	77	45	14	●
DC150-05-13.900A1-	13,9		60	124	77	45	14	●
DC150-05-14.000A1-	14		60	124	77	45	14	●
DC150-05-14.100A1-	14,1		63	133	83	48	16	●
DC150-05-14.200A1-	14,2		63	133	83	48	16	●
DC150-05-14.288A1-	14,288	9/16"	63	133	83	48	16	●
DC150-05-14.300A1-	14,3		63	133	83	48	16	●
DC150-05-14.500A1-	14,5		63	133	83	48	16	●
DC150-05-14.600A1-	14,6		63	133	83	48	16	●
DC150-05-14.700A1-	14,7		63	133	83	48	16	●
DC150-05-14.750A1-	14,75		63	133	83	48	16	●
DC150-05-14.800A1-	14,8		63	133	83	48	16	●
DC150-05-15.000A1-	15		63	133	83	48	16	●
DC150-05-15.100A1-	15,1		63	133	83	48	16	●
DC150-05-15.200A1-	15,2		63	133	83	48	16	●
DC150-05-15.300A1-	15,3		63	133	83	48	16	●
DC150-05-15.500A1-	15,5		63	133	83	48	16	●
DC150-05-15.600A1-	15,6		63	133	83	48	16	●
DC150-05-15.700A1-	15,7		63	133	83	48	16	●
DC150-05-15.800A1-	15,8		63	133	83	48	16	●
DC150-05-15.875A1-	15,875	5/8"	63	133	83	48	16	●
DC150-05-16.000A1-	16		63	133	83	48	16	●
DC150-05-16.100A1-	16,1		71	143	93	48	18	●
DC150-05-16.200A1-	16,2		71	143	93	48	18	●
DC150-05-16.300A1-	16,3		71	143	93	48	18	●
DC150-05-16.500A1-	16,5		71	143	93	48	18	●
DC150-05-16.700A1-	16,7		71	143	93	48	18	●
DC150-05-16.750A1-	16,75		71	143	93	48	18	●
DC150-05-17.000A1-	17		71	143	93	48	18	●
DC150-05-17.100A1-	17,1		71	143	93	48	18	●
DC150-05-17.200A1-	17,2		71	143	93	48	18	●
DC150-05-17.300A1-	17,3		71	143	93	48	18	●
DC150-05-17.500A1-	17,5		71	143	93	48	18	●
DC150-05-17.600A1-	17,6		71	143	93	48	18	●

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

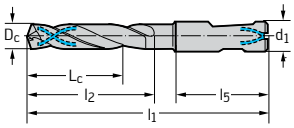
Tool

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-05-17.700A1-	17,7		71	143	93	48	18	
DC150-05-17.800A1-	17,8		71	143	93	48	18	
DC150-05-17.900A1-	17,9		71	143	93	48	18	
DC150-05-18.000A1-	18		71	143	93	48	18	
DC150-05-18.500A1-	18,5		77	153	101	50	20	
DC150-05-18.900A1-	18,9		77	153	101	50	20	
DC150-05-19.000A1-	19		77	153	101	50	20	
DC150-05-19.050A1-	19,050	3/4"	77	153	101	50	20	
DC150-05-19.300A1-	19,3		77	153	101	50	20	
DC150-05-19.500A1-	19,5		77	153	101	50	20	
DC150-05-19.700A1-	19,7		77	153	101	50	20	
DC150-05-19.800A1-	19,8		77	153	101	50	20	
DC150-05-20.000A1-	20		77	153	101	50	20	



DIN 6535 HA

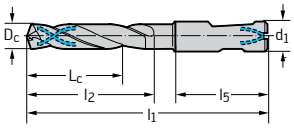
Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-05-03.000D1-	3		23	66	28	36	6	
DC150-05-03.100D1-	3,1		23	66	28	36	6	
DC150-05-03.200D1-	3,2		23	66	28	36	6	
DC150-05-03.300D1-	3,3		23	66	28	36	6	
DC150-05-03.400D1-	3,4		23	66	28	36	6	
DC150-05-03.500D1-	3,5		23	66	28	36	6	
DC150-05-03.600D1-	3,6		23	66	28	36	6	
DC150-05-03.700D1-	3,7		23	66	28	36	6	
DC150-05-03.800D1-	3,8		29	74	36	36	6	
DC150-05-03.900D1-	3,9		29	74	36	36	6	
DC150-05-04.000D1-	4		29	74	36	36	6	
DC150-05-04.100D1-	4,1		29	74	36	36	6	
DC150-05-04.200D1-	4,2		29	74	36	36	6	
DC150-05-04.300D1-	4,3		29	74	36	36	6	
DC150-05-04.400D1-	4,4		29	74	36	36	6	
DC150-05-04.500D1-	4,5		29	74	36	36	6	
DC150-05-04.600D1-	4,6		29	74	36	36	6	
DC150-05-04.650D1-	4,65		29	74	36	36	6	
DC150-05-04.700D1-	4,7		29	74	36	36	6	
DC150-05-04.800D1-	4,8		35	82	44	36	6	
DC150-05-04.900D1-	4,9		35	82	44	36	6	
DC150-05-05.000D1-	5		35	82	44	36	6	
DC150-05-05.100D1-	5,1		35	82	44	36	6	
DC150-05-05.200D1-	5,2		35	82	44	36	6	
DC150-05-05.300D1-	5,3		35	82	44	36	6	
DC150-05-05.400D1-	5,4		35	82	44	36	6	
DC150-05-05.500D1-	5,5		35	82	44	36	6	
DC150-05-05.550D1-	5,55		35	82	44	36	6	
DC150-05-05.600D1-	5,6		35	82	44	36	6	
DC150-05-05.700D1-	5,7		35	82	44	36	6	
DC150-05-05.800D1-	5,8		35	82	44	36	6	
DC150-05-05.900D1-	5,9		35	82	44	36	6	
DC150-05-06.000D1-	6		35	82	44	36	6	



DIN 6535 HE, turned 180° DIN 6535 HB

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

Tool



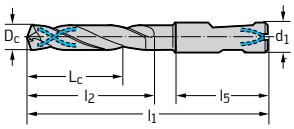
DIN 6535 HE, turned 180° DIN 6535 HB

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-05-06.100D1-	6,1		43	91	53	36	8	
DC150-05-06.200D1-	6,2		43	91	53	36	8	
DC150-05-06.300D1-	6,2		43	91	53	36	8	
DC150-05-06.400D1-	6,4		43	91	53	36	8	
DC150-05-06.500D1-	6,5		43	91	53	36	8	
DC150-05-06.600D1-	6,6		43	91	53	36	8	
DC150-05-06.700D1-	6,7		43	91	53	36	8	
DC150-05-06.800D1-	6,8		43	91	53	36	8	
DC150-05-06.900D1-	6,9		43	91	53	36	8	
DC150-05-07.000D1-	7		43	91	53	36	8	
DC150-05-07.100D1-	7,1		43	91	53	36	8	
DC150-05-07.200D1-	7,2		43	91	53	36	8	
DC150-05-07.300D1-	7,3		43	91	53	36	8	
DC150-05-07.400D1-	7,4		43	91	53	36	8	
DC150-05-07.500D1-	7,5		43	91	53	36	8	
DC150-05-07.600D1-	7,6		43	91	53	36	8	
DC150-05-07.700D1-	7,7		43	91	53	36	8	
DC150-05-07.800D1-	7,8		43	91	53	36	8	
DC150-05-07.900D1-	7,9		43	91	53	36	8	
DC150-05-08.000D1-	8		43	91	53	36	8	
DC150-05-08.100D1-	8,1		49	103	61	40	10	
DC150-05-08.200D1-	8,2		49	103	61	40	10	
DC150-05-08.300D1-	8,3		49	103	61	40	10	
DC150-05-08.400D1-	8,4		49	103	61	40	10	
DC150-05-08.500D1-	8,5		49	103	61	40	10	
DC150-05-08.600D1-	8,6		49	103	61	40	10	
DC150-05-08.700D1-	8,7		49	103	61	40	10	
DC150-05-08.800D1-	8,8		49	103	61	40	10	
DC150-05-09.000D1-	9		49	103	61	40	10	
DC150-05-09.100D1-	9,1		49	103	61	40	10	
DC150-05-09.200D1-	9,2		49	103	61	40	10	
DC150-05-09.300D1-	9,3		49	103	61	40	10	
DC150-05-09.400D1-	9,4		49	103	61	40	10	
DC150-05-09.500D1-	9,5		49	103	61	40	10	
DC150-05-09.600D1-	9,6		49	103	61	40	10	
DC150-05-09.700D1-	9,7		49	103	61	40	10	
DC150-05-09.800D1-	9,8		49	103	61	40	10	
DC150-05-09.900D1-	9,9		49	103	61	40	10	
DC150-05-10.000D1-	10		49	103	61	40	10	
DC150-05-10.100D1-	10,1		56	118	71	45	12	
DC150-05-10.200D1-	10,2		56	118	71	45	12	
DC150-05-10.300D1-	10,3		56	118	71	45	12	
DC150-05-10.400D1-	10,4		56	118	71	45	12	
DC150-05-10.500D1-	10,5		56	118	71	45	12	
DC150-05-10.600D1-	10,6		56	118	71	45	12	
DC150-05-10.800D1-	10,8		56	118	71	45	12	

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

Tool



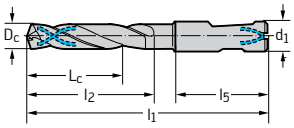
DIN 6535 HE, turned 180° DIN 6535 HB

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-05-11.000D1-	11		56	118	71	45	12	
DC150-05-11.100D1-	11,1		56	118	71	45	12	
DC150-05-11.200D1-	11,2		56	118	71	45	12	
DC150-05-11.300D1-	11,3		56	118	71	45	12	
DC150-05-11.500D1-	11,5		56	118	71	45	12	
DC150-05-11.600D1-	11,6		56	118	71	45	12	
DC150-05-11.700D1-	11,7		56	118	71	45	12	
DC150-05-11.800D1-	11,8		56	118	71	45	12	
DC150-05-11.900D1-	11,9		56	118	71	45	12	
DC150-05-12.000D1-	12		56	118	71	45	12	
DC150-05-12.100D1-	12,1		60	124	77	45	14	
DC150-05-12.200D1-	12,2		60	124	77	45	14	
DC150-05-12.300D1-	12,3		60	124	77	45	14	
DC150-05-12.400D1-	12,4		60	124	77	45	14	
DC150-05-12.500D1-	12,5		60	124	77	45	14	
DC150-05-12.700D1-	12,700	1/2"	60	124	77	45	14	
DC150-05-12.800D1-	12,8		60	124	77	45	14	
DC150-05-13.000D1-	13		60	124	77	45	14	
DC150-05-13.100D1-	13,1		60	124	77	45	14	
DC150-05-13.200D1-	13,2		60	124	77	45	14	
DC150-05-13.500D1-	13,5		60	124	77	45	14	
DC150-05-13.800D1-	13,8		60	124	77	45	14	
DC150-05-14.000D1-	14		60	124	77	45	14	
DC150-05-14.100D1-	14,1		63	133	83	48	16	
DC150-05-14.200D1-	14,2		63	133	83	48	16	
DC150-05-14.300D1-	14,3		63	133	83	48	16	
DC150-05-14.500D1-	14,5		63	133	83	48	16	
DC150-05-14.600D1-	14,6		63	133	83	48	16	
DC150-05-14.800D1-	14,8		63	133	83	48	16	
DC150-05-15.000D1-	15		63	133	83	48	16	
DC150-05-15.100D1-	15,1		63	133	83	48	16	
DC150-05-15.200D1-	15,2		63	133	83	48	16	
DC150-05-15.300D1-	15,3		63	133	83	48	16	
DC150-05-15.500D1-	15,5		63	133	83	48	16	
DC150-05-15.600D1-	15,6		63	133	83	48	16	
DC150-05-15.700D1-	15,7		63	133	83	48	16	
DC150-05-15.800D1-	15,8		63	133	83	48	16	
DC150-05-16.000D1-	16		63	133	83	48	16	
DC150-05-16.500D1-	16,5		71	143	93	48	18	
DC150-05-16.600D1-	16,6		71	143	93	48	18	
DC150-05-17.000D1-	17		71	143	93	48	18	
DC150-05-17.200D1-	17,2		71	143	93	48	18	
DC150-05-17.300D1-	17,3		71	143	93	48	18	
DC150-05-17.500D1-	17,5		71	143	93	48	18	
DC150-05-17.700D1-	17,7		71	143	93	48	18	
DC150-05-17.800D1-	17,8		71	143	93	48	18	

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

B1

Tool



DIN 6535 HE, turned 180° DIN 6535 HB

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-05-18.000D1-	18		71	143	93	48	18	☻
DC150-05-18.100D1-	18,1		77	153	101	50	20	☻
DC150-05-18.500D1-	18,5		77	153	101	50	20	☻
DC150-05-18.800D1-	18,8		77	153	101	50	20	☻
DC150-05-19.000D1-	19		77	153	101	50	20	☻
DC150-05-19.500D1-	19,5		77	153	101	50	20	☻
DC150-05-19.700D1-	19,7		77	153	101	50	20	☻
DC150-05-20.000D1-	20		77	153	101	50	20	☻

Ordering example for the grade WJ30RE: DC150-05-03.000A1-WJ30RE

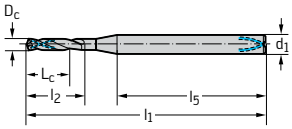
B1

Solid carbide micro drills with coolant-through

DB133 Supreme

B1

Tool

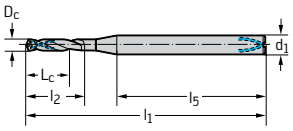


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ER
DB133-08-00.700A1-	0,7		6,9	50	8	35	3	●
DB133-08-00.750A1-	0,75		7,8	50	9	34	3	●
DB133-08-00.794A1-	0,794	1/32"	7,8	50	9	34	3	●
DB133-08-00.800A1-	0,8		7,8	50	9	34	3	●
DB133-08-00.850A1-	0,85		8,6	53	10	36	3	●
DB133-08-00.900A1-	0,9		8,6	53	10	36	3	●
DB133-08-00.950A1-	0,95		10,5	53	12	34	3	●
DB133-08-01.000A1-	1		10,5	53	12	34	3	●
DB133-08-01.050A1-	1,05		11	54	13	35	3	●
DB133-08-01.100A1-	1,1		11	54	13	35	3	●
DB133-08-01.150A1-	1,15		12	54	14	34	3	●
DB133-08-01.191A1-	1,191	3/64"	12	54	14	34	3	●
DB133-08-01.200A1-	1,2		12	54	14	34	3	●
DB133-08-01.250A1-	1,25		12	54	14	34	3	●
DB133-08-01.300A1-	1,3		13	57	15	36	3	●
DB133-08-01.350A1-	1,35		13	57	16	35	3	●
DB133-08-01.400A1-	1,4		13	57	16	35	3	●
DB133-08-01.450A1-	1,45		14	57	17	34	3	●
DB133-08-01.500A1-	1,5		14	57	17	34	3	●
DB133-08-01.550A1-	1,55		15	60	18	37	3	●
DB133-08-01.588A1-	1,588	1/16"	15	60	18	37	3	●
DB133-08-01.600A1-	1,6		15	60	18	37	3	●
DB133-08-01.650A1-	1,65		17	60	20	35	3	●
DB133-08-01.700A1-	1,7		17	60	20	35	3	●
DB133-08-01.750A1-	1,75		18	60	21	34	3	●
DB133-08-01.800A1-	1,8		18	60	21	34	3	●
DB133-08-01.820A1-	1,82		19	63	22	36	3	●
DB133-08-01.850A1-	1,85		19	63	22	36	3	●
DB133-08-01.900A1-	1,9		19	63	22	36	3	●
DB133-08-01.950A1-	1,95		20	63	23	35	3	●
DB133-08-01.984A1-	1,984	5/64"	20	63	23	35	3	●
DB133-08-02.000A1-	2		20	63	23	35	3	●
DB133-08-02.050A1-	2,05		20	63	24	35	3	●
DB133-08-02.100A1-	2,1		20	63	24	35	3	●
DB133-08-02.150A1-	2,15		21	63	25	34	3	●
DB133-08-02.200A1-	2,2		21	63	25	34	3	●

Ordering example for the grade WJ30ER: DB133-08-00.700A1-WJ30ER

Tool



DIN 6535 HA

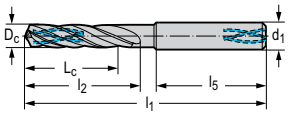
Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ER
DB133-08-02.250A1-	2,25		22	67	26	37	3	☻
DB133-08-02.300A1-	2,3		22	67	26	37	3	☻
DB133-08-02.350A1-	2,35		24	67	28	35	3	☻
DB133-08-02.381A1-	2,381	3/32"	24	67	28	35	3	☻
DB133-08-02.400A1-	2,4		24	67	28	35	3	☻
DB133-08-02.450A1-	2,45		25	67	29	34	3	☻
DB133-08-02.500A1-	2,5		25	67	29	34	3	☻
DB133-08-02.550A1-	2,55		26	71	30	37	3	☻
DB133-08-02.600A1-	2,6		26	71	30	37	3	☻
DB133-08-02.650A1-	2,65		26	71	31	37	3	☻
DB133-08-02.700A1-	2,7		26	71	31	37	3	☻
DB133-08-02.750A1-	2,75		27	71	32	36	3	☻
DB133-08-02.778A1-	2,778	7/64"	27	71	32	36	3	☻
DB133-08-02.800A1-	2,8		27	71	32	36	3	☻
DB133-08-02.850A1-	2,85		28	71	33	35	3	☻
DB133-08-02.900A1-	2,9		28	71	33	35	3	☻
DB133-08-02.950A1-	2,95		29	71	34	34	3	☻

Ordering example for the grade WJ30ER: DB133-08-00.700A1-WJ30ER

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

– with innovative Krato-tec™ multilayer coating

Tool



DIN 6535 HA

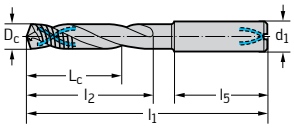
Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EY
DC183-08-03.000A1-	3		28	74	34	36	6	●
DC183-08-03.300A1-	3,3		28	74	34	36	6	●
DC183-08-03.500A1-	3,5		28	74	34	36	6	●
DC183-08-04.000A1-	4		37	85	45	36	6	●
DC183-08-04.200A1-	4,2		37	85	45	36	6	●
DC183-08-04.500A1-	4,5		37	85	45	36	6	●
DC183-08-04.763A1-	4,763	3/16"	48	97	57	36	6	●
DC183-08-05.000A1-	5		48	97	57	36	6	●
DC183-08-05.100A1-	5,1		48	97	57	36	6	●
DC183-08-05.500A1-	5,5		48	97	57	36	6	●
DC183-08-05.800A1-	5,8		48	97	57	36	6	●
DC183-08-06.000A1-	6		48	97	57	36	6	●
DC183-08-06.350A1-	6,35	1/4"	55	106	66	36	8	●
DC183-08-06.500A1-	6,5		55	106	66	36	8	●
DC183-08-06.800A1-	6,8		55	106	66	36	8	●
DC183-08-07.000A1-	7		55	106	66	36	8	●
DC183-08-07.800A1-	7,8		64	116	76	36	8	●
DC183-08-08.000A1-	8		64	116	76	36	8	●
DC183-08-08.500A1-	8,5		80	139	95	40	10	●
DC183-08-09.000A1-	9		80	139	95	40	10	●
DC183-08-09.800A1-	9,8		80	139	95	40	10	●
DC183-08-10.000A1-	10		80	139	95	40	10	●
DC183-08-10.500A1-	10,5		96	163	114	45	12	●
DC183-08-11.000A1-	11		96	163	114	45	12	●
DC183-08-11.113A1-	11,113	7/16"	96	163	114	45	12	●
DC183-08-12.000A1-	12		96	163	114	45	12	●
DC183-08-12.700A1-	12,7	1/2"	119	182	133	45	14	●
DC183-08-13.000A1-	13		119	182	133	45	14	●
DC183-08-13.500A1-	13,5		119	182	133	45	14	●
DC183-08-14.000A1-	14		119	182	133	45	14	●
DC183-08-15.000A1-	15		136	204	152	48	16	●
DC183-08-16.000A1-	16		136	204	152	48	16	●

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

Solid carbide drills with coolant-through
DC170 Supreme

B1

Tool



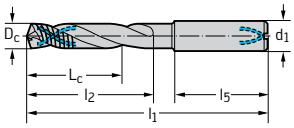
DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EJ
DC170-08-03.000A1-	3		28	74	34	36	6	☻
DC170-08-03.100A1-	3,1		28	74	34	36	6	☻
DC170-08-03.175A1-	3,175	1/8"	28	74	34	36	6	☻
DC170-08-03.200A1-	3,2		28	74	34	36	6	☻
DC170-08-03.300A1-	3,3		28	74	34	36	6	☻
DC170-08-03.400A1-	3,4		28	74	34	36	6	☻
DC170-08-03.500A1-	3,5		28	74	34	36	6	☻
DC170-08-03.572A1-	3,572	9/64"	28	74	34	36	6	☻
DC170-08-03.600A1-	3,6		28	74	34	36	6	☻
DC170-08-03.700A1-	3,7		28	74	34	36	6	☻
DC170-08-03.800A1-	3,8		37	85	45	36	6	☻
DC170-08-03.900A1-	3,9		37	85	45	36	6	☻
DC170-08-03.969A1-	3,969	5/32"	37	85	45	36	6	☻
								☻
DC170-08-04.100A1-	4,1		37	85	45	36	6	☻
DC170-08-04.200A1-	4,2		37	85	45	36	6	☻
DC170-08-04.300A1-	4,3		37	85	45	36	6	☻
DC170-08-04.366A1-	4,366	11/64"	37	85	45	36	6	☻
DC170-08-04.400A1-	4,4		37	85	45	36	6	☻
DC170-08-04.500A1-	4,5		37	85	45	36	6	☻
DC170-08-04.600A1-	4,6		37	85	45	36	6	☻
DC170-08-04.763A1-	4,763	3/16"	48	97	57	36	6	☻
DC170-08-04.800A1-	4,8		48	97	57	36	6	☻
DC170-08-04.900A1-	4,9		48	97	57	36	6	☻
DC170-08-05.000A1-	5		48	97	57	36	6	☻
DC170-08-05.100A1-	5,1		48	97	57	36	6	☻
DC170-08-05.159A1-	5,159	13/64"	48	97	57	36	6	☻
DC170-08-05.200A1-	5,2		48	97	57	36	6	☻
DC170-08-05.300A1-	5,3		48	97	57	36	6	☻
DC170-08-05.400A1-	5,4		48	97	57	36	6	☻
DC170-08-05.500A1-	5,5		48	97	57	36	6	☻
DC170-08-05.556A1-	5,556	7/32"	48	97	57	36	6	☻
DC170-08-05.600A1-	5,6		48	97	57	36	6	☻
DC170-08-05.700A1-	5,7		48	97	57	36	6	☻
DC170-08-05.800A1-	5,8		48	97	57	36	6	☻
DC170-08-05.900A1-	5,9		48	97	57	36	6	☻

Ordering example for the grade WJ30EJ: DC170-08-03.000A1-WJ30EJ

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

Tool

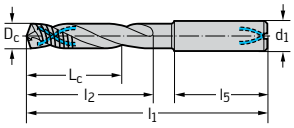


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EJ
DC170-08-05.953A1-	5,953	15/64"	48	97	57	36	6	
DC170-08-06.000A1-	6		48	97	57	36	6	
DC170-08-06.100A1-	6,1		55	106	66	36	8	
DC170-08-06.200A1-	6,2		55	106	66	36	8	
DC170-08-06.300A1-	6,3		55	106	66	36	8	
DC170-08-06.350A1-	6,350	1/4"	55	106	66	36	8	
DC170-08-06.400A1-	6,4		55	106	66	36	8	
DC170-08-06.500A1-	6,5		55	106	66	36	8	
DC170-08-06.600A1-	6,6		55	106	66	36	8	
DC170-08-06.700A1-	6,7		55	106	66	36	8	
DC170-08-06.747A1-	6,747	17/64"	55	106	66	36	8	
DC170-08-06.800A1-	6,8		55	106	66	36	8	
DC170-08-06.900A1-	6,9		55	106	66	36	8	
DC170-08-07.000A1-	7		55	106	66	36	8	
DC170-08-07.144A1-	7,144	9/32"	64	116	76	36	8	
DC170-08-07.400A1-	7,4		64	116	76	36	8	
DC170-08-07.500A1-	7,5		64	116	76	36	8	
DC170-08-07.541A1-	7,541	19/64"	64	116	76	36	8	
DC170-08-07.600A1-	7,6		64	116	76	36	8	
DC170-08-07.700A1-	7,7		64	116	76	36	8	
DC170-08-07.800A1-	7,8		64	116	76	36	8	
DC170-08-07.900A1-	7,9		64	116	76	36	8	
DC170-08-07.938A1-	7,938	5/16"	64	116	76	36	8	
DC170-08-08.000A1-	8		64	116	76	36	8	
DC170-08-08.100A1-	8,1		80	139	95	40	10	
DC170-08-08.200A1-	8,2		80	139	95	40	10	
DC170-08-08.300A1-	8,3		80	139	95	40	10	
DC170-08-08.334A1-	8,334	21/64"	80	139	95	40	10	
DC170-08-08.400A1-	8,4		80	139	95	40	10	
DC170-08-08.500A1-	8,5		80	139	95	40	10	
DC170-08-08.600A1-	8,6		80	139	95	40	10	
DC170-08-08.700A1-	8,7		80	139	95	40	10	
DC170-08-08.731A1-	8,731	11/32"	80	139	95	40	10	
DC170-08-08.800A1-	8,8		80	139	95	40	10	
DC170-08-09.000A1-	9		80	139	95	40	10	
DC170-08-09.100A1-	9,1		80	139	95	40	10	
DC170-08-09.128A1-	9,128	23/64"	80	139	95	40	10	
DC170-08-09.200A1-	9,2		80	139	95	40	10	
DC170-08-09.300A1-	9,3		80	139	95	40	10	
DC170-08-09.400A1-	9,4		80	139	95	40	10	
DC170-08-09.500A1-	9,5		80	139	95	40	10	
DC170-08-09.525A1-	9,525	3/8"	80	139	95	40	10	
DC170-08-09.600A1-	9,6		80	139	95	40	10	
DC170-08-09.700A1-	9,7		80	139	95	40	10	
DC170-08-09.800A1-	9,8		80	139	95	40	10	
DC170-08-09.900A1-	9,9		80	139	95	40	10	

Ordering example for the grade WJ30EJ: DC170-08-03.000A1-WJ30EJ

Tool



DIN 6535 HA

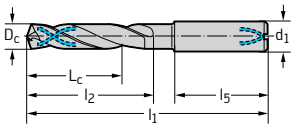
Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EJ
DC170-08-09.922A1-	9,922	25/64"	80	139	95	40	10	☻
DC170-08-10.000A1-	10		80	139	95	40	10	☻
DC170-08-10.100A1-	10,1		96	163	114	45	12	☻
DC170-08-10.200A1-	10,2		96	163	114	45	12	☻
DC170-08-10.300A1-	10,3		96	163	114	45	12	☻
DC170-08-10.319A1-	10,319	13/32"	96	163	114	45	12	☻
DC170-08-10.500A1-	10,5		96	163	114	45	12	☻
DC170-08-10.716A1-	10,716	27/64"	96	163	114	45	12	☻
DC170-08-10.800A1-	10,8		96	163	114	45	12	☻
DC170-08-11.000A1-	11		96	163	114	45	12	☻
DC170-08-11.100A1-	11,1		96	163	114	45	12	☻
DC170-08-11.113A1-	11,113	7/16"	96	163	114	45	12	☻
DC170-08-11.200A1-	11,2		96	163	114	45	12	☻
DC170-08-11.300A1-	11,3		96	163	114	45	12	☻
DC170-08-11.400A1-	11,4		96	163	114	45	12	☻
DC170-08-11.500A1-	11,5		96	163	114	45	12	☻
DC170-08-11.700A1-	11,7		96	163	114	45	12	☻
DC170-08-11.800A1-	11,8		96	163	114	45	12	☻
DC170-08-11.900A1-	11,9		96	163	114	45	12	☻
DC170-08-12.000A1-	12		96	163	114	45	12	☻
DC170-08-12.303A1-	12,303	31/64"	119	182	133	45	14	☻
DC170-08-12.500A1-	12,5		119	182	133	45	14	☻
DC170-08-12.700A1-	12,700	1/2"	119	182	133	45	14	☻
DC170-08-13.000A1-	13		119	182	133	45	14	☻
DC170-08-13.494A1-	13,494	17/32"	119	182	133	45	14	☻
DC170-08-13.500A1-	13,5		119	182	133	45	14	☻
DC170-08-14.000A1-	14		119	182	133	45	14	☻
DC170-08-14.288A1-	14,288	9/16"	136	204	152	48	16	☻
DC170-08-14.500A1-	14,5		136	204	152	48	16	☻
DC170-08-15.000A1-	15		136	204	152	48	16	☻
DC170-08-15.500A1-	15,5		136	204	152	48	16	☻
DC170-08-15.875A1-	15,875	5/8"	136	204	152	48	16	☻
DC170-08-16.000A1-	16		136	204	152	48	16	☻
DC170-08-16.500A1-	16,5		153	223	171	48	18	☻
DC170-08-17.000A1-	17		153	223	171	48	18	☻
DC170-08-17.500A1-	17,5		153	223	171	48	18	☻
DC170-08-18.000A1-	18		153	223	171	48	18	☻
DC170-08-20.000A1-	20		170	244	190	50	20	☻

Ordering example for the grade WJ30EJ: DC170-08-03.000A1-WJ30EJ

Solid carbide drills with coolant-through
DC160 Advance
X-treme Evo

B1

Tool

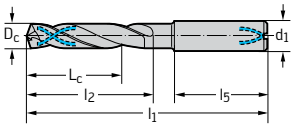


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-08-03.000A1-	3		28	74	34	36	6	
DC160-08-03.100A1-	3,1		28	74	34	36	6	
DC160-08-03.175A1-	3,175	1/8"	28	74	34	36	6	
DC160-08-03.200A1-	3,2		28	74	34	36	6	
DC160-08-03.300A1-	3,3		28	74	34	36	6	
DC160-08-03.400A1-	3,4		28	74	34	36	6	
DC160-08-03.500A1-	3,5		28	74	34	36	6	
DC160-08-03.572A1-	3,572	9/64"	28	74	34	36	6	
DC160-08-03.600A1-	3,6		28	74	34	36	6	
DC160-08-03.700A1-	3,7		28	74	34	36	6	
DC160-08-03.800A1-	3,8		37	85	45	36	6	
DC160-08-03.900A1-	3,9		37	85	45	36	6	
DC160-08-03.969A1-	3,969	5/32"	37	85	45	36	6	
DC160-08-04.000A1-	4		37	85	45	36	6	
DC160-08-04.100A1-	4,1		37	85	45	36	6	
DC160-08-04.200A1-	4,2		37	85	45	36	6	
DC160-08-04.300A1-	4,3		37	85	45	36	6	
DC160-08-04.366A1-	4,366	11/64"	37	85	45	36	6	
DC160-08-04.400A1-	4,4		37	85	45	36	6	
DC160-08-04.500A1-	4,5		37	85	45	36	6	
DC160-08-04.600A1-	4,6		37	85	45	36	6	
DC160-08-04.700A1-	4,7		37	85	45	36	6	
DC160-08-04.763A1-	4,763	3/16"	48	97	57	36	6	
DC160-08-04.800A1-	4,8		48	97	57	36	6	
DC160-08-04.900A1-	4,9		48	97	57	36	6	
DC160-08-05.000A1-	5		48	97	57	36	6	
DC160-08-05.100A1-	5,1		48	97	57	36	6	
DC160-08-05.159A1-	5,159	13/64"	48	97	57	36	6	
DC160-08-05.200A1-	5,2		48	97	57	36	6	
DC160-08-05.300A1-	5,3		48	97	57	36	6	
DC160-08-05.400A1-	5,4		48	97	57	36	6	
DC160-08-05.500A1-	5,5		48	97	57	36	6	
DC160-08-05.556A1-	5,556	7/32"	48	97	57	36	6	
DC160-08-05.600A1-	5,6		48	97	57	36	6	
DC160-08-05.700A1-	5,7		48	97	57	36	6	
DC160-08-05.800A1-	5,8		48	97	57	36	6	

Ordering example for the grade WJ30ET: DC160-08-03.000A1-WJ30ET

Tool



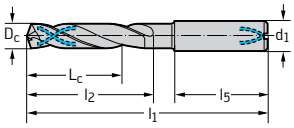
DIN 6535 HA

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-08-05.900A1-	5,9		48	97	57	36	6	
DC160-08-05.953A1-	5,953	15/64"	48	97	57	36	6	
DC160-08-06.000A1-	6		48	97	57	36	6	
DC160-08-06.100A1-	6,1		55	106	66	36	8	
DC160-08-06.200A1-	6,2		55	106	66	36	8	
DC160-08-06.300A1-	6,3		55	106	66	36	8	
DC160-08-06.350A1-	6,350	1/4"	55	106	66	36	8	
DC160-08-06.400A1-	6,4		55	106	66	36	8	
DC160-08-06.500A1-	6,5		55	106	66	36	8	
DC160-08-06.600A1-	6,6		55	106	66	36	8	
DC160-08-06.700A1-	6,7		55	106	66	36	8	
DC160-08-06.747A1-	6,747	17/64"	55	106	66	36	8	
DC160-08-06.800A1-	6,8		55	106	66	36	8	
DC160-08-06.900A1-	6,9		55	106	66	36	8	
DC160-08-07.000A1-	7		55	106	66	36	8	
DC160-08-07.100A1-	7,1		64	116	76	36	8	
DC160-08-07.144A1-	7,144	9/32"	64	116	76	36	8	
DC160-08-07.200A1-	7,2		64	116	76	36	8	
DC160-08-07.300A1-	7,3		64	116	76	36	8	
DC160-08-07.400A1-	7,4		64	116	76	36	8	
DC160-08-07.500A1-	7,5		64	116	76	36	8	
DC160-08-07.541A1-	7,541	19/64"	64	116	76	36	8	
DC160-08-07.600A1-	7,6		64	116	76	36	8	
DC160-08-07.700A1-	7,7		64	116	76	36	8	
DC160-08-07.800A1-	7,8		64	116	76	36	8	
DC160-08-07.900A1-	7,9		64	116	76	36	8	
DC160-08-07.938A1-	7,938	5/16"	64	116	76	36	8	
DC160-08-08.000A1-	8		64	116	76	36	8	
DC160-08-08.100A1-	8,1		80	139	95	40	10	
DC160-08-08.200A1-	8,2		80	139	95	40	10	
DC160-08-08.300A1-	8,3		80	139	95	40	10	
DC160-08-08.334A1-	8,334	21/64"	80	139	95	40	10	
DC160-08-08.400A1-	8,4		80	139	95	40	10	
DC160-08-08.500A1-	8,5		80	139	95	40	10	
DC160-08-08.600A1-	8,6		80	139	95	40	10	
DC160-08-08.700A1-	8,7		80	139	95	40	10	
DC160-08-08.731A1-	8,731	11/32"	80	139	95	40	10	
DC160-08-08.800A1-	8,8		80	139	95	40	10	
DC160-08-08.900A1-	8,9		80	139	95	40	10	
DC160-08-09.000A1-	9		80	139	95	40	10	
DC160-08-09.100A1-	9,1		80	139	95	40	10	
DC160-08-09.128A1-	9,128	23/64"	80	139	95	40	10	
DC160-08-09.200A1-	9,2		80	139	95	40	10	
DC160-08-09.300A1-	9,3		80	139	95	40	10	
DC160-08-09.400A1-	9,4		80	139	95	40	10	
DC160-08-09.500A1-	9,5		80	139	95	40	10	

Ordering example for the grade WJ30ET: DC160-08-03.000A1-WJ30ET

Tool



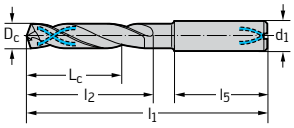
DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-08-09.525A1-	9,525	3/8"	80	139	95	40	10	
DC160-08-09.600A1-	9,6		80	139	95	40	10	
DC160-08-09.700A1-	9,7		80	139	95	40	10	
DC160-08-09.800A1-	9,8		80	139	95	40	10	
DC160-08-09.900A1-	9,9		80	139	95	40	10	
DC160-08-09.922A1-	9,922	25/64"	80	139	95	40	10	
DC160-08-10.000A1-	10		80	139	95	40	10	
DC160-08-10.100A1-	10,1		96	163	114	45	12	
DC160-08-10.200A1-	10,2		96	163	114	45	12	
DC160-08-10.300A1-	10,3		96	163	114	45	12	
DC160-08-10.319A1-	10,319	13/32"	96	163	114	45	12	
DC160-08-10.400A1-	10,4		96	163	114	45	12	
DC160-08-10.500A1-	10,5		96	163	114	45	12	
DC160-08-10.600A1-	10,6		96	163	114	45	12	
DC160-08-10.700A1-	10,7		96	163	114	45	12	
DC160-08-10.716A1-	10,716	27/64"	96	163	114	45	12	
DC160-08-10.800A1-	10,8		96	163	114	45	12	
DC160-08-10.900A1-	10,9		96	163	114	45	12	
DC160-08-11.000A1-	11		96	163	114	45	12	
DC160-08-11.100A1-	11,1		96	163	114	45	12	
DC160-08-11.113A1-	11,113	7/16"	96	163	114	45	12	
DC160-08-11.200A1-	11,2		96	163	114	45	12	
DC160-08-11.300A1-	11,3		96	163	114	45	12	
DC160-08-11.400A1-	11,4		96	163	114	45	12	
DC160-08-11.500A1-	11,5		96	163	114	45	12	
DC160-08-11.509A1-	11,509	29/64"	96	163	114	45	12	
DC160-08-11.600A1-	11,6		96	163	114	45	12	
DC160-08-11.700A1-	11,7		96	163	114	45	12	
DC160-08-11.800A1-	11,8		96	163	114	45	12	
DC160-08-11.900A1-	11,9		96	163	114	45	12	
DC160-08-11.906A1-	11,906	15/32"	96	163	114	45	12	
DC160-08-12.000A1-	12		96	163	114	45	12	
DC160-08-12.303A1-	12,303	31/64"	119	182	133	45	14	
DC160-08-12.500A1-	12,5		119	182	133	45	14	
DC160-08-12.700A1-	12,700	1/2"	119	182	133	45	14	
DC160-08-13.000A1-	13		119	182	133	45	14	
DC160-08-13.494A1-	13,494	17/32"	119	182	133	45	14	
DC160-08-13.500A1-	13,5		119	182	133	45	14	
DC160-08-14.000A1-	14		119	182	133	45	14	
DC160-08-14.288A1-	14,288	9/16"	136	204	152	48	16	
DC160-08-14.500A1-	14,5		136	204	152	48	16	
DC160-08-15.000A1-	15		136	204	152	48	16	
DC160-08-15.500A1-	15,5		136	204	152	48	16	
DC160-08-15.875A1-	15,875	5/8"	136	204	152	48	16	
DC160-08-16.000A1-	16		136	204	152	48	16	
DC160-08-16.500A1-	16,5		153	223	171	48	18	

Ordering example for the grade WJ30ET: DC160-08-03.000A1-WJ30ET

B1

Tool



DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-08-17.000A1-	17		153	223	171	48	18	☻
DC160-08-17.500A1-	17,5		153	223	171	48	18	☻
DC160-08-18.000A1-	18		153	223	171	48	18	☻
DC160-08-18.500A1-	18,5		170	244	190	50	20	☻
DC160-08-19.000A1-	19		170	244	190	50	20	☻
DC160-08-19.050A1-	19,050	3/4"	170	244	190	50	20	☻
DC160-08-19.500A1-	19,5		170	244	190	50	20	☻
DC160-08-20.000A1-	20		170	244	190	50	20	☻

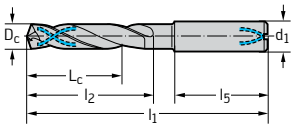
Ordering example for the grade WJ30ET: DC160-08-03.000A1-WJ30ET

B1

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

Solid carbide drills with coolant-through
DC150 Perform

Tool

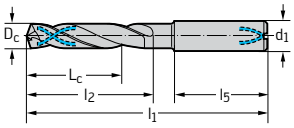


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30TA
DC150-08-03.000A1-	3		28	74	34	36	6	
DC150-08-03.100A1-	3,1		28	74	34	36	6	
DC150-08-03.175A1-	3,175	1/8"	28	74	34	36	6	
DC150-08-03.200A1-	3,2		28	74	34	36	6	
DC150-08-03.300A1-	3,3		28	74	34	36	6	
DC150-08-03.400A1-	3,4		28	74	34	36	6	
DC150-08-03.500A1-	3,5		28	74	34	36	6	
DC150-08-03.572A1-	3,572	9/64"	28	74	34	36	6	
DC150-08-03.600A1-	3,6		28	74	34	36	6	
DC150-08-03.700A1-	3,7		28	74	34	36	6	
DC150-08-03.800A1-	3,8		37	85	45	36	6	
DC150-08-03.900A1-	3,9		37	85	45	36	6	
DC150-08-03.969A1-	3,969	5/32"	37	85	45	36	6	
DC150-08-04.000A1-	4		37	85	45	36	6	
DC150-08-04.100A1-	4,1		37	85	45	36	6	
DC150-08-04.200A1-	4,2		37	85	45	36	6	
DC150-08-04.300A1-	4,3		37	85	45	36	6	
DC150-08-04.366A1-	4,366	11/64"	37	85	45	36	6	
DC150-08-04.400A1-	4,4		37	85	45	36	6	
DC150-08-04.500A1-	4,5		37	85	45	36	6	
DC150-08-04.600A1-	4,6		37	85	45	36	6	
DC150-08-04.700A1-	4,7		37	85	45	36	6	
DC150-08-04.763A1-	4,763	3/16"	48	97	57	36	6	
DC150-08-04.800A1-	4,8		48	97	57	36	6	
DC150-08-04.900A1-	4,9		48	97	57	36	6	
DC150-08-05.000A1-	5		48	97	57	36	6	
DC150-08-05.100A1-	5,1		48	97	57	36	6	
DC150-08-05.159A1-	5,159	13/64"	48	97	57	36	6	
DC150-08-05.200A1-	5,2		48	97	57	36	6	
DC150-08-05.300A1-	5,3		48	97	57	36	6	
DC150-08-05.400A1-	5,4		48	97	57	36	6	
DC150-08-05.500A1-	5,5		48	97	57	36	6	
DC150-08-05.556A1-	5,556	7/32"	48	97	57	36	6	
DC150-08-05.600A1-	5,6		48	97	57	36	6	
DC150-08-05.700A1-	5,7		48	97	57	36	6	
DC150-08-05.800A1-	5,8		48	97	57	36	6	

Ordering example for the grade WJ30TA: DC150-08-03.000A1-WJ30TA

Tool



DIN 6535 HA

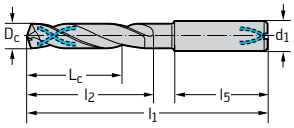
B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30TA
DC150-08-05.900A1-	5,9		48	97	57	36	6	
DC150-08-05.953A1-	5,953	15/64"	48	97	57	36	6	
DC150-08-06.000A1-	6		48	97	57	36	6	
DC150-08-06.100A1-	6,1		55	106	66	36	8	
DC150-08-06.200A1-	6,2		55	106	66	36	8	
DC150-08-06.300A1-	6,3		55	106	66	36	8	
DC150-08-06.350A1-	6,350	1/4"	55	106	66	36	8	
DC150-08-06.400A1-	6,4		55	106	66	36	8	
DC150-08-06.500A1-	6,5		55	106	66	36	8	
DC150-08-06.600A1-	6,6		55	106	66	36	8	
DC150-08-06.700A1-	6,7		55	106	66	36	8	
DC150-08-06.747A1-	6,747	17/64"	55	106	66	36	8	
DC150-08-06.800A1-	6,8		55	106	66	36	8	
DC150-08-06.900A1-	6,9		55	106	66	36	8	
DC150-08-07.000A1-	7		55	106	66	36	8	
DC150-08-07.100A1-	7,1		64	116	76	36	8	
DC150-08-07.144A1-	7,144	9/32"	64	116	76	36	8	
DC150-08-07.200A1-	7,2		64	116	76	36	8	
DC150-08-07.300A1-	7,3		64	116	76	36	8	
DC150-08-07.400A1-	7,4		64	116	76	36	8	
DC150-08-07.500A1-	7,5		64	116	76	36	8	
DC150-08-07.541A1-	7,541	19/64"	64	116	76	36	8	
DC150-08-07.600A1-	7,6		64	116	76	36	8	
DC150-08-07.700A1-	7,7		64	116	76	36	8	
DC150-08-07.800A1-	7,8		64	116	76	36	8	
DC150-08-07.900A1-	7,9		64	116	76	36	8	
DC150-08-07.938A1-	7,938	5/16"	64	116	76	36	8	
DC150-08-08.000A1-	8		64	116	76	36	8	
DC150-08-08.100A1-	8,1		80	139	95	40	10	
DC150-08-08.200A1-	8,2		80	139	95	40	10	
DC150-08-08.300A1-	8,3		80	139	95	40	10	
DC150-08-08.334A1-	8,334	21/64"	80	139	95	40	10	
DC150-08-08.400A1-	8,4		80	139	95	40	10	
DC150-08-08.500A1-	8,5		80	139	95	40	10	
DC150-08-08.600A1-	8,6		80	139	95	40	10	
DC150-08-08.700A1-	8,7		80	139	95	40	10	
DC150-08-08.731A1-	8,731	11/32"	80	139	95	40	10	
DC150-08-08.800A1-	8,8		80	139	95	40	10	
DC150-08-08.900A1-	8,9		80	139	95	40	10	
DC150-08-09.000A1-	9		80	139	95	40	10	
DC150-08-09.100A1-	9,1		80	139	95	40	10	
DC150-08-09.128A1-	9,128	23/64"	80	139	95	40	10	
DC150-08-09.200A1-	9,2		80	139	95	40	10	
DC150-08-09.300A1-	9,3		80	139	95	40	10	
DC150-08-09.400A1-	9,4		80	139	95	40	10	
DC150-08-09.500A1-	9,5		80	139	95	40	10	

Ordering example for the grade WJ30TA: DC150-08-03.000A1-WJ30TA

New addition to the product range = ★

Tool



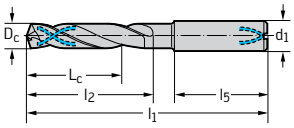
DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30TA
DC150-08-09.525A1-	9,525	3/8"	80	139	95	40	10	●
DC150-08-09.600A1-	9,6		80	139	95	40	10	●
DC150-08-09.700A1-	9,7		80	139	95	40	10	●
DC150-08-09.800A1-	9,8		80	139	95	40	10	●
DC150-08-09.900A1-	9,9		80	139	95	40	10	●
DC150-08-09.922A1-	9,922	25/64"	80	139	95	40	10	●
DC150-08-10.000A1-	10		80	139	95	40	10	●
DC150-08-10.100A1-	10,1		96	163	114	45	12	●
DC150-08-10.200A1-	10,2		96	163	114	45	12	●
DC150-08-10.300A1-	10,3		96	163	114	45	12	●
DC150-08-10.319A1-	10,319	13/32"	96	163	114	45	12	●
DC150-08-10.400A1-	10,4		96	163	114	45	12	●
DC150-08-10.500A1-	10,5		96	163	114	45	12	●
DC150-08-10.700A1-	10,7		96	163	114	45	12	●
DC150-08-10.716A1-	10,716	27/64"	96	163	114	45	12	●
DC150-08-10.800A1-	10,8		96	163	114	45	12	●
DC150-08-10.900A1-	10,9		96	163	114	45	12	●
DC150-08-11.000A1-	11		96	163	114	45	12	●
DC150-08-11.100A1-	11,1		96	163	114	45	12	●
DC150-08-11.113A1-	11,113	7/16"	96	163	114	45	12	●
DC150-08-11.200A1-	11,2		96	163	114	45	12	●
DC150-08-11.300A1-	11,3		96	163	114	45	12	●
DC150-08-11.500A1-	11,5		96	163	114	45	12	●
DC150-08-11.600A1-	11,6		96	163	114	45	12	●
DC150-08-11.700A1-	11,7		96	163	114	45	12	●
DC150-08-11.800A1-	11,8		96	163	114	45	12	●
DC150-08-11.900A1-	11,9		96	163	114	45	12	●
DC150-08-11.906A1-	11,906	15/32"	96	163	114	45	12	●
DC150-08-12.000A1-	12		96	163	114	45	12	●
DC150-08-12.303A1-	12,303	31/64"	119	182	133	45	14	●
DC150-08-12.500A1-	12,5		119	182	133	45	14	●
DC150-08-12.700A1-	12,700	1/2"	119	182	133	45	14	●
DC150-08-13.000A1-	13		119	182	133	45	14	●
DC150-08-13.494A1-	13,494	17/32"	119	182	133	45	14	●
DC150-08-13.500A1-	13,5		119	182	133	45	14	●
DC150-08-14.000A1-	14		119	182	133	45	14	●
DC150-08-14.288A1-	14,288	9/16"	136	204	152	48	16	●
DC150-08-14.500A1-	14,5		136	204	152	48	16	●
DC150-08-15.000A1-	15		136	204	152	48	16	●
DC150-08-15.500A1-	15,5		136	204	152	48	16	●
DC150-08-15.875A1-	15,875	5/8"	136	204	152	48	16	●
DC150-08-16.000A1-	16		136	204	152	48	16	●
DC150-08-16.500A1-	16,5		153	223	171	48	18	●
DC150-08-17.000A1-	17		153	223	171	48	18	●
DC150-08-17.500A1-	17,5		153	223	171	48	18	●
DC150-08-18.000A1-	18		153	223	171	48	18	●

Ordering example for the grade WJ30TA: DC150-08-03.000A1-WJ30TA

B1

Tool



DIN 6535 HA

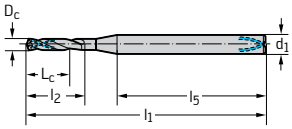
Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30TA
DC150-08-18.500A1-	18,5		170	244	190	50	20	☻
DC150-08-19.000A1-	19		170	244	190	50	20	☻
DC150-08-19.050A1-	19,050	3/4"	170	244	190	50	20	☻
DC150-08-19.500A1-	19,5		170	244	190	50	20	☻
DC150-08-20.000A1-	20		170	244	190	50	20	☻

Ordering example for the grade WJ30TA: DC150-08-03.000A1-WJ30TA

B1

Solid carbide micro drills with coolant-through
DB133 Supreme

Tool

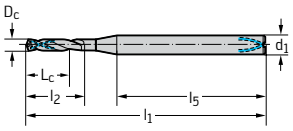


DIN 6535 HA

Designation	D_c h7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ER
DB133-12-00.700A1-	0,7		9,9	53	11	35	3	
DB133-12-00.750A1-	0,75		10,8	53	12	34	3	
DB133-12-00.794A1-	0,794	1/32"	10,8	53	12	34	3	
DB133-12-00.800A1-	0,8		10,8	53	12	34	3	
DB133-12-00.850A1-	0,85		12,6	57	14	36	3	
DB133-12-00.900A1-	0,9		12,6	57	14	36	3	
DB133-12-00.950A1-	0,95		14,5	57	16	34	3	
DB133-12-01.000A1-	1		14,5	57	16	34	3	
DB133-12-01.050A1-	1,05		15	59	17	36	3	
DB133-12-01.100A1-	1,1		15	59	17	36	3	
DB133-12-01.150A1-	1,15		17	59	19	34	3	
DB133-12-01.191A1-	1,191	3/64"	17	59	19	34	3	
DB133-12-01.200A1-	1,2		17	59	19	34	3	
DB133-12-01.250A1-	1,25		17	59	19	34	3	
DB133-12-01.300A1-	1,3		18	63	20	37	3	
DB133-12-01.350A1-	1,35		19	63	22	35	3	
DB133-12-01.400A1-	1,4		19	63	22	35	3	
DB133-12-01.450A1-	1,45		20	63	23	34	3	
DB133-12-01.500A1-	1,5		20	63	23	34	3	
DB133-12-01.550A1-	1,55		22	67	25	37	3	
DB133-12-01.588A1-	1,588	1/16"	22	67	25	37	3	
DB133-12-01.600A1-	1,6		22	67	25	37	3	
DB133-12-01.650A1-	1,65		23	67	26	36	3	
DB133-12-01.700A1-	1,7		23	67	26	36	3	
DB133-12-01.750A1-	1,75		25	67	28	34	3	
DB133-12-01.800A1-	1,8		25	67	28	34	3	
DB133-12-01.850A1-	1,85		26	72	29	38	3	
DB133-12-01.900A1-	1,9		26	72	29	38	3	
DB133-12-01.950A1-	1,95		28	72	31	36	3	
DB133-12-01.984A1-	1,984	5/64"	28	72	31	36	3	
DB133-12-02.000A1-	2		28	72	31	36	3	
DB133-12-02.100A1-	2,1		29	72	33	35	3	
DB133-12-02.200A1-	2,2		30	72	34	34	3	
DB133-12-02.300A1-	2,3		32	77	36	37	3	
DB133-12-02.381A1-	2,381	3/32"	33	77	37	36	3	
DB133-12-02.400A1-	2,4		33	77	37	36	3	

Ordering example for the grade WJ30ER: DB133-12-00.700A1-WJ30ER

Tool



DIN 6535 HA

Designation	D_c h7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ER
DB133-12-02.500A1-	2,5		35	77	39	34	3	☻
DB133-12-02.600A1-	2,6		36	83	40	39	3	☻
DB133-12-02.700A1-	2,7		37	83	42	38	3	☻
DB133-12-02.778A1-	2,778	7/64"	38	83	43	37	3	☻
DB133-12-02.800A1-	2,8		38	83	43	37	3	☻
DB133-12-02.900A1-	2,9		40	83	45	35	3	☻

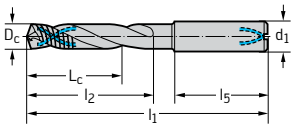
Ordering example for the grade WJ30ER: DB133-12-00.700A1-WJ30ER

B1

Solid carbide drills with coolant-through
DC170 Supreme

B1

Tool

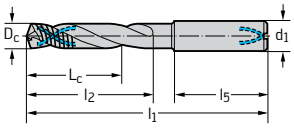


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EJ
DC170-12-03.000A1-	3		48	92	54	36	6	●
DC170-12-03.100A1-	3,1		48	92	54	36	6	●
DC170-12-03.175A1-	3,175	1/8"	48	92	54	36	6	●
DC170-12-03.200A1-	3,2		48	92	54	36	6	●
DC170-12-03.300A1-	3,3		48	92	54	36	6	●
DC170-12-03.400A1-	3,4		48	92	54	36	6	●
DC170-12-03.500A1-	3,5		48	92	54	36	6	●
DC170-12-03.572A1-	3,572	9/64"	48	92	54	36	6	●
DC170-12-03.600A1-	3,6		48	92	54	36	6	●
DC170-12-03.700A1-	3,7		48	92	54	36	6	●
DC170-12-03.800A1-	3,8		56	102	64	36	6	●
DC170-12-03.900A1-	3,9		56	102	64	36	6	●
DC170-12-03.969A1-	3,969	5/32"	56	102	64	36	6	●
DC170-12-04.000A1-	4		56	102	64	36	6	●
DC170-12-04.100A1-	4,1		56	102	64	36	6	●
DC170-12-04.200A1-	4,2		56	102	64	36	6	●
DC170-12-04.300A1-	4,3		56	102	64	36	6	●
DC170-12-04.366A1-	4,366	11/64"	56	102	64	36	6	●
DC170-12-04.400A1-	4,4		56	102	64	36	6	●
DC170-12-04.500A1-	4,5		56	102	64	36	6	●
DC170-12-04.600A1-	4,6		56	102	64	36	6	●
DC170-12-04.700A1-	4,7		56	102	64	36	6	●
DC170-12-04.763A1-	4,763	3/16"	74	121	83	36	6	●
DC170-12-04.800A1-	4,8		74	121	83	36	6	●
DC170-12-04.900A1-	4,9		74	121	83	36	6	●
DC170-12-05.000A1-	5		74	121	83	36	6	●
DC170-12-05.100A1-	5,1		74	121	83	36	6	●
DC170-12-05.159A1-	5,159	13/64"	74	121	83	36	6	●
DC170-12-05.200A1-	5,2		74	121	83	36	6	●
DC170-12-05.300A1-	5,3		74	121	83	36	6	●
DC170-12-05.400A1-	5,4		74	121	83	36	6	●
DC170-12-05.500A1-	5,5		74	121	83	36	6	●
DC170-12-05.550A1-	5,55		74	121	83	36	6	●
DC170-12-05.556A1-	5,556	7/32"	74	121	83	36	6	●
DC170-12-05.600A1-	5,6		74	121	83	36	6	●
DC170-12-05.700A1-	5,7		74	121	83	36	6	●

Ordering example for the grade WJ30EJ: DC170-12-03.000A1-WJ30EJ

Tool



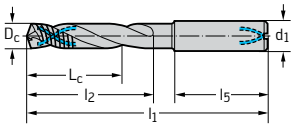
DIN 6535 HA

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EJ
DC170-12-05.800A1-	5,8		74	121	83	36	6	●
DC170-12-05.900A1-	5,9		74	121	83	36	6	●
DC170-12-06.000A1-	6		74	121	83	36	6	●
DC170-12-06.100A1-	6,1		98	148	110	36	8	●
DC170-12-06.200A1-	6,2		98	148	110	36	8	●
DC170-12-06.300A1-	6,3		98	148	110	36	8	●
DC170-12-06.350A1-	6,350	1/4"	98	148	110	36	8	●
DC170-12-06.400A1-	6,4		98	148	110	36	8	●
DC170-12-06.500A1-	6,5		98	148	110	36	8	●
DC170-12-06.600A1-	6,6		98	148	110	36	8	●
DC170-12-06.747A1-	6,747	17/64"	98	148	110	36	8	●
DC170-12-06.800A1-	6,8		98	148	110	36	8	●
DC170-12-06.900A1-	6,9		98	148	110	36	8	●
DC170-12-07.000A1-	7		98	148	110	36	8	●
DC170-12-07.100A1-	7,1		98	148	110	36	8	●
DC170-12-07.144A1-	7,144	9/32"	98	148	110	36	8	●
DC170-12-07.300A1-	7,3		98	148	110	36	8	●
DC170-12-07.400A1-	7,4		98	148	110	36	8	●
DC170-12-07.500A1-	7,5		98	148	110	36	8	●
DC170-12-07.541A1-	7,541	19/64"	98	148	110	36	8	●
DC170-12-07.800A1-	7,8		98	148	110	36	8	●
DC170-12-07.900A1-	7,9		98	148	110	36	8	●
DC170-12-07.938A1-	7,938	5/16"	98	148	110	36	8	●
DC170-12-08.000A1-	8		98	148	110	36	8	●
DC170-12-08.100A1-	8,1		123	180	138	40	10	●
DC170-12-08.200A1-	8,2		123	180	138	40	10	●
DC170-12-08.300A1-	8,3		123	180	138	40	10	●
DC170-12-08.400A1-	8,4		123	180	138	40	10	●
DC170-12-08.500A1-	8,5		123	180	138	40	10	●
DC170-12-08.600A1-	8,6		123	180	138	40	10	●
DC170-12-08.700A1-	8,7		123	180	138	40	10	●
DC170-12-08.731A1-	8,731	11/32"	123	180	138	40	10	●
DC170-12-08.800A1-	8,8		123	180	138	40	10	●
DC170-12-09.000A1-	9		123	180	138	40	10	●
DC170-12-09.128A1-	9,128	23/64"	123	180	138	40	10	●
DC170-12-09.300A1-	9,3		123	180	138	40	10	●
DC170-12-09.500A1-	9,5		123	180	138	40	10	●
DC170-12-09.525A1-	9,525	3/8"	123	180	138	40	10	●
DC170-12-09.600A1-	9,6		123	180	138	40	10	●
DC170-12-09.700A1-	9,7		123	180	138	40	10	●
DC170-12-09.800A1-	9,8		123	180	138	40	10	●
DC170-12-09.922A1-	9,922	25/64"	123	180	138	40	10	●
DC170-12-10.000A1-	10		123	180	138	40	10	●
DC170-12-10.100A1-	10,1		140	206	158	45	12	●
DC170-12-10.200A1-	10,2		140	206	158	45	12	●
DC170-12-10.300A1-	10,3		140	206	158	45	12	●

Ordering example for the grade WJ30EJ: DC170-12-03.000A1-WJ30EJ

Tool



DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EJ
DC170-12-10.319A1-	10,319	13/32"	140	206	158	45	12	
DC170-12-10.400A1-	10,4		140	206	158	45	12	
DC170-12-10.500A1-	10,5		140	206	158	45	12	
DC170-12-11.000A1-	11		140	206	158	45	12	
DC170-12-11.100A1-	11,1		140	206	158	45	12	
DC170-12-11.113A1-	11,113	7/16"	140	206	158	45	12	
DC170-12-11.200A1-	11,2		140	206	158	45	12	
DC170-12-11.500A1-	11,5		140	206	158	45	12	
DC170-12-11.509A1-	11,509	29/64"	140	206	158	45	12	
DC170-12-11.700A1-	11,7		140	206	158	45	12	
DC170-12-11.800A1-	11,8		140	206	158	45	12	
DC170-12-11.906A1-	11,906	15/32"	140	206	158	45	12	
DC170-12-12.000A1-	12		140	206	158	45	12	
DC170-12-12.200A1-	12,2		168	230	182	45	14	
DC170-12-12.303A1-	12,303	31/64"	168	230	182	45	14	
DC170-12-12.500A1-	12,5		168	230	182	45	14	
DC170-12-12.600A1-	12,6		168	230	182	45	14	
DC170-12-12.700A1-	12,700	1/2"	168	230	182	45	14	
DC170-12-13.000A1-	13		168	230	182	45	14	
DC170-12-13.494A1-	13,494	17/32"	168	230	182	45	14	
DC170-12-13.500A1-	13,5		168	230	182	45	14	
DC170-12-14.000A1-	14		168	230	182	45	14	
DC170-12-14.288A1-	14,288	9/16"	192	260	208	48	16	
DC170-12-14.500A1-	14,5		192	260	208	48	16	
DC170-12-15.000A1-	15		192	260	208	48	16	
DC170-12-15.500A1-	15,5		192	260	208	48	16	
DC170-12-15.875A1-	15,875	5/8"	192	260	208	48	16	
DC170-12-16.000A1-	16		192	260	208	48	16	
DC170-12-16.500A1-	16,5		216	285	234	48	18	
DC170-12-17.000A1-	17		216	285	234	48	18	
DC170-12-17.500A1-	17,5		216	285	234	48	18	
DC170-12-18.000A1-	18		216	285	234	48	18	
DC170-12-19.000A1-	19		238	310	258	50	20	
DC170-12-19.500A1-	19,5		238	310	258	50	20	
DC170-12-20.000A1-	20		238	310	258	50	20	

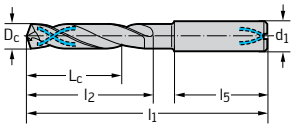
Ordering example for the grade WJ30EJ: DC170-12-03.000A1-WJ30EJ

B1

Solid carbide drills with coolant-through
DC160 Advance
X·treme Evo

B1

Tool



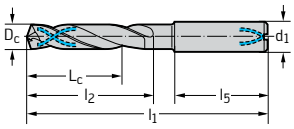
DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EU
DC160-12-03.000A1-	3		48	92	54	36	6	☻
DC160-12-03.100A1-	3,1		48	92	54	36	6	☻
DC160-12-03.175A1-	3,175	1/8"	48	92	54	36	6	☻
DC160-12-03.200A1-	3,2		48	92	54	36	6	☻
DC160-12-03.300A1-	3,3		48	92	54	36	6	☻
DC160-12-03.400A1-	3,4		48	92	54	36	6	☻
DC160-12-03.500A1-	3,5		48	92	54	36	6	☻
DC160-12-03.572A1-	3,572	9/64"	48	92	54	36	6	☻
DC160-12-03.600A1-	3,6		48	92	54	36	6	☻
DC160-12-03.700A1-	3,7		48	92	54	36	6	☻
DC160-12-03.800A1-	3,8		56	102	64	36	6	☻
DC160-12-03.900A1-	3,9		56	102	64	36	6	☻
DC160-12-03.969A1-	3,969	5/32"	56	102	64	36	6	☻
DC160-12-04.000A1-	4		56	102	64	36	6	☻
DC160-12-04.100A1-	4,1		56	102	64	36	6	☻
DC160-12-04.200A1-	4,2		56	102	64	36	6	☻
DC160-12-04.300A1-	4,3		56	102	64	36	6	☻
DC160-12-04.366A1-	4,366	11/64"	56	102	64	36	6	☻
DC160-12-04.400A1-	4,4		56	102	64	36	6	☻
DC160-12-04.500A1-	4,5		56	102	64	36	6	☻
DC160-12-04.600A1-	4,6		56	102	64	36	6	☻
DC160-12-04.700A1-	4,7		56	102	64	36	6	☻
DC160-12-04.763A1-	4,763	3/16"	74	121	83	36	6	☻
DC160-12-04.800A1-	4,8		74	121	83	36	6	☻
DC160-12-04.900A1-	4,9		74	121	83	36	6	☻
DC160-12-05.000A1-	5		74	121	83	36	6	☻
DC160-12-05.100A1-	5,1		74	121	83	36	6	☻
DC160-12-05.159A1-	5,159	13/64"	74	121	83	36	6	☻
DC160-12-05.200A1-	5,2		74	121	83	36	6	☻
DC160-12-05.300A1-	5,3		74	121	83	36	6	☻
DC160-12-05.400A1-	5,4		74	121	83	36	6	☻
DC160-12-05.500A1-	5,5		74	121	83	36	6	☻
DC160-12-05.550A1-	5,55		74	121	83	36	6	☻
DC160-12-05.556A1-	5,556	7/32"	74	121	83	36	6	☻
DC160-12-05.600A1-	5,6		74	121	83	36	6	☻
DC160-12-05.700A1-	5,7		74	121	83	36	6	☻

Ordering example for the grade WJ30EU: DC160-12-03.000A1-WJ30EU

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

Tool

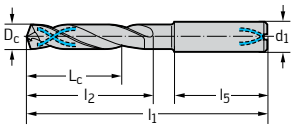


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EU
DC160-12-05.800A1-	5,8		74	121	83	36	6	●
DC160-12-05.900A1-	5,9		74	121	83	36	6	●
DC160-12-06.000A1-	6		74	121	83	36	6	●
DC160-12-06.100A1-	6,1		98	148	110	36	8	●
DC160-12-06.200A1-	6,2		98	148	110	36	8	●
DC160-12-06.300A1-	6,3		98	148	110	36	8	●
DC160-12-06.350A1-	6,350	1/4"	98	148	110	36	8	●
DC160-12-06.400A1-	6,4		98	148	110	36	8	●
DC160-12-06.500A1-	6,5		98	148	110	36	8	●
DC160-12-06.600A1-	6,6		98	148	110	36	8	●
DC160-12-06.700A1-	6,7		98	148	110	36	8	●
DC160-12-06.747A1-	6,747	17/64"	98	148	110	36	8	●
DC160-12-06.800A1-	6,8		98	148	110	36	8	●
DC160-12-06.900A1-	6,9		98	148	110	36	8	●
DC160-12-07.000A1-	7		98	148	110	36	8	●
DC160-12-07.100A1-	7,1		98	148	110	36	8	●
DC160-12-07.144A1-	7,144	9/32"	98	148	110	36	8	●
DC160-12-07.200A1-	7,2		98	148	110	36	8	●
DC160-12-07.300A1-	7,3		98	148	110	36	8	●
DC160-12-07.400A1-	7,4		98	148	110	36	8	●
DC160-12-07.500A1-	7,5		98	148	110	36	8	●
DC160-12-07.541A1-	7,541	19/64"	98	148	110	36	8	●
DC160-12-07.800A1-	7,8		98	148	110	36	8	●
DC160-12-07.900A1-	7,9		98	148	110	36	8	●
DC160-12-07.938A1-	7,938	5/16"	98	148	110	36	8	●
DC160-12-08.000A1-	8		98	148	110	36	8	●
DC160-12-08.100A1-	8,1		123	180	138	40	10	●
DC160-12-08.200A1-	8,2		123	180	138	40	10	●
DC160-12-08.300A1-	8,3		123	180	138	40	10	●
DC160-12-08.400A1-	8,4		123	180	138	40	10	●
DC160-12-08.500A1-	8,5		123	180	138	40	10	●
DC160-12-08.600A1-	8,6		123	180	138	40	10	●
DC160-12-08.700A1-	8,7		123	180	138	40	10	●
DC160-12-08.731A1-	8,731	11/32"	123	180	138	40	10	●
DC160-12-08.800A1-	8,8		123	180	138	40	10	●
DC160-12-09.000A1-	9		123	180	138	40	10	●
DC160-12-09.128A1-	9,128	23/64"	123	180	138	40	10	●
DC160-12-09.200A1-	9,2		123	180	138	40	10	●
DC160-12-09.300A1-	9,3		123	180	138	40	10	●
DC160-12-09.500A1-	9,5		123	180	138	40	10	●
DC160-12-09.525A1-	9,525	3/8"	123	180	138	40	10	●
DC160-12-09.600A1-	9,6		123	180	138	40	10	●
DC160-12-09.700A1-	9,7		123	180	138	40	10	●
DC160-12-09.800A1-	9,8		123	180	138	40	10	●
DC160-12-09.922A1-	9,922	25/64"	123	180	138	40	10	●
DC160-12-10.000A1-	10		123	180	138	40	10	●

Ordering example for the grade WJ30EU: DC160-12-03.000A1-WJ30EU

Tool



DIN 6535 HA

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EU
DC160-12-10.100A1-	10,1		140	206	158	45	12	●
DC160-12-10.200A1-	10,2		140	206	158	45	12	●
DC160-12-10.300A1-	10,3		140	206	158	45	12	●
DC160-12-10.319A1-	10,319	13/32"	140	206	158	45	12	●
DC160-12-10.400A1-	10,4		140	206	158	45	12	●
DC160-12-10.500A1-	10,5		140	206	158	45	12	●
DC160-12-10.716A1-	10,716	27/64"	140	206	158	45	12	●
DC160-12-10.800A1-	10,8		140	206	158	45	12	●
DC160-12-11.000A1-	11		140	206	158	45	12	●
DC160-12-11.100A1-	11,1		140	206	158	45	12	●
DC160-12-11.113A1-	11,113	7/16"	140	206	158	45	12	●
DC160-12-11.200A1-	11,2		140	206	158	45	12	●
DC160-12-11.500A1-	11,5		140	206	158	45	12	●
DC160-12-11.509A1-	11,509	29/64"	140	206	158	45	12	●
DC160-12-11.700A1-	11,7		140	206	158	45	12	●
DC160-12-11.800A1-	11,8		140	206	158	45	12	●
DC160-12-11.906A1-	11,906	15/32"	140	206	158	45	12	●
DC160-12-12.000A1-	12		140	206	158	45	12	●
DC160-12-12.100A1-	12,1		168	230	182	45	14	●
DC160-12-12.200A1-	12,2		168	230	182	45	14	●
DC160-12-12.300A1-	12,3		168	230	182	45	14	●
DC160-12-12.303A1-	12,303	31/64"	168	230	182	45	14	●
DC160-12-12.500A1-	12,5		168	230	182	45	14	●
DC160-12-12.600A1-	12,6		168	230	182	45	14	●
DC160-12-12.700A1-	12,700	1/2"	168	230	182	45	14	●
DC160-12-13.000A1-	13		168	230	182	45	14	●
DC160-12-13.494A1-	13,494	17/32"	168	230	182	45	14	●
DC160-12-13.500A1-	13,5		168	230	182	45	14	●
DC160-12-14.000A1-	14		168	230	182	45	14	●
DC160-12-14.288A1-	14,288	9/16"	192	260	208	48	16	●
DC160-12-14.500A1-	14,5		192	260	208	48	16	●
DC160-12-15.000A1-	15		192	260	208	48	16	●
DC160-12-15.500A1-	15,5		192	260	208	48	16	●
DC160-12-15.875A1-	15,875	5/8"	192	260	208	48	16	●
DC160-12-16.000A1-	16		192	260	208	48	16	●
DC160-12-16.500A1-	16,5		216	285	234	48	18	●
DC160-12-17.000A1-	17		216	285	234	48	18	●
DC160-12-17.500A1-	17,5		216	285	234	48	18	●
DC160-12-18.000A1-	18		216	285	234	48	18	●
DC160-12-18.500A1-	18,5		238	310	258	50	20	●
DC160-12-19.000A1-	19		238	310	258	50	20	●
DC160-12-19.500A1-	19,5		238	310	258	50	20	●
DC160-12-20.000A1-	20		238	310	258	50	20	●

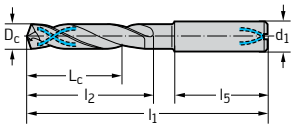
Ordering example for the grade WJ30EU: DC160-12-03.000A1-WJ30EU

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

Solid carbide drills with coolant-through
DC150 Perform

B1

Tool

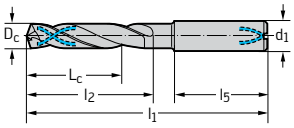


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30TA
DC150-12-03.000A1-	3		48	92	54	36	6	●
DC150-12-03.100A1-	3,1		48	92	54	36	6	●
DC150-12-03.175A1-	3,175	1/8"	48	92	54	36	6	●
DC150-12-03.200A1-	3,2		48	92	54	36	6	●
DC150-12-03.300A1-	3,3		48	92	54	36	6	●
DC150-12-03.400A1-	3,4		48	92	54	36	6	●
DC150-12-03.500A1-	3,5		48	92	54	36	6	●
DC150-12-03.572A1-	3,572	9/64"	48	92	54	36	6	●
DC150-12-03.600A1-	3,6		48	92	54	36	6	●
DC150-12-03.700A1-	3,7		48	92	54	36	6	●
DC150-12-03.800A1-	3,8		56	102	64	36	6	●
DC150-12-03.900A1-	3,9		56	102	64	36	6	●
DC150-12-03.969A1-	3,969	5/32"	56	102	64	36	6	●
DC150-12-04.000A1-	4		56	102	64	36	6	●
DC150-12-04.100A1-	4,1		56	102	64	36	6	●
DC150-12-04.200A1-	4,2		56	102	64	36	6	●
DC150-12-04.300A1-	4,3		56	102	64	36	6	●
DC150-12-04.366A1-	4,366	11/64"	56	102	64	36	6	●
DC150-12-04.400A1-	4,4		56	102	64	36	6	●
DC150-12-04.500A1-	4,5		56	102	64	36	6	●
DC150-12-04.600A1-	4,6		56	102	64	36	6	●
DC150-12-04.700A1-	4,7		56	102	64	36	6	●
DC150-12-04.763A1-	4,763	3/16"	74	121	83	36	6	●
DC150-12-04.800A1-	4,8		74	121	83	36	6	●
DC150-12-04.900A1-	4,9		74	121	83	36	6	●
DC150-12-05.000A1-	5		74	121	83	36	6	●
DC150-12-05.100A1-	5,1		74	121	83	36	6	●
DC150-12-05.159A1-	5,159	13/64"	74	121	83	36	6	●
DC150-12-05.200A1-	5,2		74	121	83	36	6	●
DC150-12-05.300A1-	5,3		74	121	83	36	6	●
DC150-12-05.400A1-	5,4		74	121	83	36	6	●
DC150-12-05.500A1-	5,5		74	121	83	36	6	●
DC150-12-05.550A1-	5,55		74	121	83	36	6	●
DC150-12-05.556A1-	5,556	7/32"	74	121	83	36	6	●
DC150-12-05.600A1-	5,6		74	121	83	36	6	●
DC150-12-05.700A1-	5,7		74	121	83	36	6	●

Ordering example for the grade WJ30TA: DC150-12-03.000A1-WJ30TA

Tool



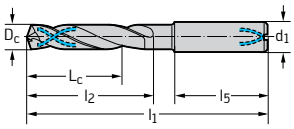
DIN 6535 HA

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30TA
DC150-12-05.800A1-	5,8		74	121	83	36	6	●
DC150-12-05.900A1-	5,9		74	121	83	36	6	●
DC150-12-06.000A1-	6		74	121	83	36	6	●
DC150-12-06.100A1-	6,1		98	148	110	36	8	●
DC150-12-06.200A1-	6,2		98	148	110	36	8	●
DC150-12-06.300A1-	6,3		98	148	110	36	8	●
DC150-12-06.350A1-	6,350	1/4"	98	148	110	36	8	●
DC150-12-06.400A1-	6,4		98	148	110	36	8	●
DC150-12-06.500A1-	6,5		98	148	110	36	8	●
DC150-12-06.600A1-	6,6		98	148	110	36	8	●
DC150-12-06.700A1-	6,7		98	148	110	36	8	●
DC150-12-06.747A1-	6,747	17/64"	98	148	110	36	8	●
DC150-12-06.800A1-	6,8		98	148	110	36	8	●
DC150-12-06.900A1-	6,9		98	148	110	36	8	●
DC150-12-07.000A1-	7		98	148	110	36	8	●
DC150-12-07.100A1-	7,1		98	148	110	36	8	●
DC150-12-07.144A1-	7,144	9/32"	98	148	110	36	8	●
DC150-12-07.200A1-	7,2		98	148	110	36	8	●
DC150-12-07.300A1-	7,3		98	148	110	36	8	●
DC150-12-07.400A1-	7,4		98	148	110	36	8	●
DC150-12-07.500A1-	7,5		98	148	110	36	8	●
DC150-12-07.541A1-	7,541	19/64"	98	148	110	36	8	●
DC150-12-07.800A1-	7,8		98	148	110	36	8	●
DC150-12-07.900A1-	7,9		98	148	110	36	8	●
DC150-12-07.938A1-	7,938	5/16"	98	148	110	36	8	●
DC150-12-08.000A1-	8		98	148	110	36	8	●
DC150-12-08.100A1-	8,1		123	180	138	40	10	●
DC150-12-08.200A1-	8,2		123	180	138	40	10	●
DC150-12-08.300A1-	8,3		123	180	138	40	10	●
DC150-12-08.400A1-	8,4		123	180	138	40	10	●
DC150-12-08.500A1-	8,5		123	180	138	40	10	●
DC150-12-08.600A1-	8,6		123	180	138	40	10	●
DC150-12-08.700A1-	8,7		123	180	138	40	10	●
DC150-12-08.731A1-	8,731	11/32"	123	180	138	40	10	●
DC150-12-08.800A1-	8,8		123	180	138	40	10	●
DC150-12-09.000A1-	9		123	180	138	40	10	●
DC150-12-09.128A1-	9,128	23/64"	123	180	138	40	10	●
DC150-12-09.200A1-	9,2		123	180	138	40	10	●
DC150-12-09.300A1-	9,3		123	180	138	40	10	●
DC150-12-09.500A1-	9,5		123	180	138	40	10	●
DC150-12-09.525A1-	9,525	3/8"	123	180	138	40	10	●
DC150-12-09.600A1-	9,6		123	180	138	40	10	●
DC150-12-09.700A1-	9,7		123	180	138	40	10	●
DC150-12-09.800A1-	9,8		123	180	138	40	10	●
DC150-12-09.922A1-	9,922	25/64"	123	180	138	40	10	●
DC150-12-10.000A1-	10		123	180	138	40	10	●

Ordering example for the grade WJ30TA: DC150-12-03.000A1-WJ30TA

Tool



DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30TA
DC150-12-10.100A1-	10,1		140	206	158	45	12	
DC150-12-10.200A1-	10,2		140	206	158	45	12	
DC150-12-10.300A1-	10,3		140	206	158	45	12	
DC150-12-10.319A1-	10,319	13/32"	140	206	158	45	12	
DC150-12-10.500A1-	10,5		140	206	158	45	12	
DC150-12-10.716A1-	10,716	27/64"	140	206	158	45	12	
DC150-12-10.800A1-	10,8		140	206	158	45	12	
DC150-12-11.000A1-	11		140	206	158	45	12	
DC150-12-11.100A1-	11,1		140	206	158	45	12	
DC150-12-11.113A1-	11,113	7/16"	140	206	158	45	12	
DC150-12-11.200A1-	11,2		140	206	158	45	12	
DC150-12-11.500A1-	11,5		140	206	158	45	12	
DC150-12-11.509A1-	11,509	29/64"	140	206	158	45	12	
DC150-12-11.700A1-	11,7		140	206	158	45	12	
DC150-12-11.800A1-	11,8		140	206	158	45	12	
DC150-12-11.906A1-	11,906	15/32"	140	206	158	45	12	
DC150-12-12.000A1-	12		140	206	158	45	12	
DC150-12-12.100A1-	12,1		168	230	182	45	14	
DC150-12-12.200A1-	12,2		168	230	182	45	14	
DC150-12-12.300A1-	12,3		168	230	182	45	14	
DC150-12-12.303A1-	12,303	31/64"	168	230	182	45	14	
DC150-12-12.500A1-	12,5		168	230	182	45	14	
DC150-12-12.600A1-	12,6		168	230	182	45	14	
DC150-12-12.700A1-	12,700	1/2"	168	230	182	45	14	
DC150-12-13.000A1-	13		168	230	182	45	14	
DC150-12-13.494A1-	13,494	17/32"	168	230	182	45	14	
DC150-12-13.500A1-	13,5		168	230	182	45	14	
DC150-12-14.000A1-	14		168	230	182	45	14	
DC150-12-14.288A1-	14,288	9/16"	192	260	208	48	16	
DC150-12-14.500A1-	14,5		192	260	208	48	16	
DC150-12-15.000A1-	15		192	260	208	48	16	
DC150-12-15.500A1-	15,5		192	260	208	48	16	
DC150-12-15.875A1-	15,875	5/8"	192	260	208	48	16	
DC150-12-16.000A1-	16		192	260	208	48	16	
DC150-12-16.500A1-	16,5		216	285	234	48	18	
DC150-12-17.000A1-	17		216	285	234	48	18	
DC150-12-17.500A1-	17,5		216	285	234	48	18	
DC150-12-18.000A1-	18		216	285	234	48	18	
DC150-12-19.000A1-	19		238	310	258	50	20	
DC150-12-20.000A1-	20		238	310	258	50	20	

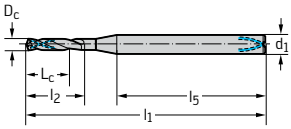
Ordering example for the grade WJ30TA: DC150-12-03.000A1-WJ30TA

B1

Solid carbide micro drills with coolant-through
DB133 Supreme

B1

Tool



DIN 6535 HA

Designation	D_c h7 mm	$D_{c\ inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ER
DB133-16-02.000A1-	2		36	81	39	37	3	☻
DB133-16-02.100A1-	2,1		37	81	41	36	3	☻
DB133-16-02.200A1-	2,2		39	81	43	34	3	☻
DB133-16-02.300A1-	2,3		41	87	45	38	3	☻
DB133-16-02.381A1-	2,381	3/32"	43	87	47	36	3	☻
DB133-16-02.400A1-	2,4		43	87	47	36	3	☻
DB133-16-02.500A1-	2,5		45	87	49	34	3	☻
DB133-16-02.600A1-	2,6		47	95	51	40	3	☻
DB133-16-02.700A1-	2,7		48	95	53	39	3	☻
DB133-16-02.778A1-	2,778	7/64"	50	95	55	37	3	☻
DB133-16-02.800A1-	2,8		50	95	55	37	3	☻
DB133-16-02.900A1-	2,9		52	95	57	35	3	☻

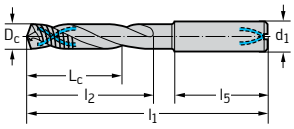
Ordering example for the grade WJ30ER: DB133-16-02.000A1-WJ30ER

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

Solid carbide drills with coolant-through
DC170 Supreme

B1

Tool

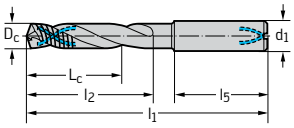


DIN 6535 HA

Designation	D_c h7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EJ
DC170-16-03.000A1-	3		52	89	57	28	4	●
DC170-16-03.175A1-	3,175	1/8"	60	98	66	28	4	●
DC170-16-03.500A1-	3,5		72	110	78	28	4	●
DC170-16-03.572A1-	3,572	9/64"	72	110	78	28	4	●
DC170-16-03.969A1-	3,969	5/32"	72	110	78	28	4	●
DC170-16-04.000A1-	4		72	110	78	28	4	●
DC170-16-04.500A1-	4,5		93	132	100	28	5	●
DC170-16-04.763A1-	4,763	3/16"	92	132	100	28	5	●
DC170-16-04.800A1-	4,8		92	132	100	28	5	●
DC170-16-05.000A1-	5		92	132	100	28	5	●
DC170-16-05.500A1-	5,5		101	150	110	36	6	●
DC170-16-05.556A1-	5,556	7/32"	111	160	120	36	6	●
DC170-16-05.800A1-	5,8		111	160	120	36	6	●
DC170-16-06.000A1-	6		111	160	120	36	6	●
DC170-16-06.100A1-	6,1		124	175	135	36	8	●
DC170-16-06.350A1-	6,350	1/4"	124	175	135	36	8	●
DC170-16-06.500A1-	6,5		124	175	135	36	8	●
DC170-16-06.800A1-	6,8		124	175	135	36	8	●
DC170-16-07.000A1-	7		124	175	135	36	8	●
DC170-16-07.144A1-	7,144	9/32"	140	192	152	36	8	●
DC170-16-07.400A1-	7,4		140	192	152	36	8	●
DC170-16-07.500A1-	7,5		140	192	152	36	8	●
DC170-16-07.938A1-	7,938	5/16"	140	192	152	36	8	●
DC170-16-08.000A1-	8		140	192	152	36	8	●
DC170-16-08.500A1-	8,5		148	206	162	40	10	●
DC170-16-08.731A1-	8,731	11/32"	148	206	162	40	10	●
DC170-16-09.000A1-	9		148	206	162	40	10	●
DC170-16-09.525A1-	9,525	3/8"	165	224	180	40	10	●
DC170-16-09.800A1-	9,8		165	224	180	40	10	●
DC170-16-10.000A1-	10		165	224	180	40	10	●
DC170-16-10.200A1-	10,2		181	247	198	45	12	●
DC170-16-10.319A1-	10,319	13/32"	181	247	198	45	12	●
DC170-16-11.000A1-	11		181	247	198	45	12	●
DC170-16-11.113A1-	11,113	7/16"	198	265	216	45	12	●
DC170-16-11.500A1-	11,5		198	265	216	45	12	●
DC170-16-11.800A1-	11,8		198	265	216	45	12	●

Ordering example for the grade WJ30EJ: DC170-16-03.000A1-WJ30EJ

Tool



DIN 6535 HA

Designation	D_c h7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EJ
DC170-16-11.906A1-	11,906	15/32"	198	265	216	45	12	☻
DC170-16-12.000A1-	12		198	265	216	45	12	☻
DC170-16-12.700A1-	12,700	1/2"	238	301	252	45	14	☻
DC170-16-13.000A1-	13		238	301	252	45	14	☻
DC170-16-14.000A1-	14		238	301	252	45	14	☻
DC170-16-14.288A1-	14,288	9/16"	272	340	288	48	16	☻
DC170-16-15.000A1-	15		272	340	288	48	16	☻
DC170-16-16.000A1-	16		272	340	288	48	16	☻

Ordering example for the grade WJ30EJ: DC170-16-03.000A1-WJ30EJ

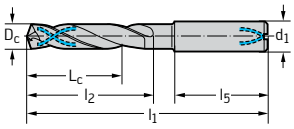
B1

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

Solid carbide drills with coolant-through
DC160 Advance
X·treme Evo

B1

Tool

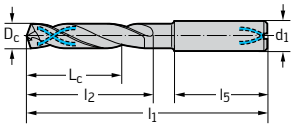


DIN 6535 HA

Designation	D_c h7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EU
DC160-16-03.000A1-	3		52	89	57	28	4	●
DC160-16-03.175A1-	3,175	1/8"	60	98	66	28	4	●
DC160-16-03.500A1-	3,5		72	110	78	28	4	●
DC160-16-03.572A1-	3,572	9/64"	72	110	78	28	4	●
DC160-16-03.969A1-	3,969	5/32"	72	110	78	28	4	●
DC160-16-04.000A1-	4		72	110	78	28	4	●
DC160-16-04.500A1-	4,5		93	132	100	28	5	●
DC160-16-04.763A1-	4,763	3/16"	92	132	100	28	5	●
DC160-16-04.800A1-	4,8		92	132	100	28	5	●
DC160-16-05.000A1-	5		92	132	100	28	5	●
DC160-16-05.500A1-	5,5		101	150	110	36	6	●
DC160-16-05.556A1-	5,556	7/32"	111	160	120	36	6	●
DC160-16-05.800A1-	5,8		111	160	120	36	6	●
DC160-16-06.000A1-	6		111	160	120	36	6	●
DC160-16-06.100A1-	6,1		124	175	135	36	8	●
DC160-16-06.350A1-	6,350	1/4"	124	175	135	36	8	●
DC160-16-06.500A1-	6,5		124	175	135	36	8	●
DC160-16-06.800A1-	6,8		124	175	135	36	8	●
DC160-16-07.000A1-	7		124	175	135	36	8	●
DC160-16-07.144A1-	7,144	9/32"	140	192	152	36	8	●
DC160-16-07.400A1-	7,4		140	192	152	36	8	●
DC160-16-07.500A1-	7,5		140	192	152	36	8	●
DC160-16-07.938A1-	7,938	5/16"	140	192	152	36	8	●
DC160-16-08.000A1-	8		140	192	152	36	8	●
DC160-16-08.300A1-	8,3		148	206	162	40	10	●
DC160-16-08.500A1-	8,5		148	206	162	40	10	●
DC160-16-08.731A1-	8,731	11/32"	148	206	162	40	10	●
DC160-16-09.000A1-	9		148	206	162	40	10	●
DC160-16-09.525A1-	9,525	3/8"	165	224	180	40	10	●
DC160-16-09.800A1-	9,8		165	224	180	40	10	●
DC160-16-10.000A1-	10		165	224	180	40	10	●
DC160-16-10.200A1-	10,2		181	247	198	45	12	●
DC160-16-10.319A1-	10,319	13/32"	181	247	198	45	12	●
DC160-16-11.000A1-	11		181	247	198	45	12	●
DC160-16-11.113A1-	11,113	7/16"	198	265	216	45	12	●
DC160-16-11.500A1-	11,5		198	265	216	45	12	●

Ordering example for the grade WJ30EU: DC160-16-03.000A1-WJ30EU

Tool



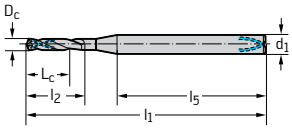
DIN 6535 HA

Designation	D_c h7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EU
DC160-16-11.800A1-	11,8		198	265	216	45	12	☻
DC160-16-11.906A1-	11,906	15/32"	198	265	216	45	12	☻
DC160-16-12.000A1-	12		198	265	216	45	12	☻
DC160-16-12.700A1-	12,700	1/2"	238	301	252	45	14	☻
DC160-16-13.000A1-	13		238	301	252	45	14	☻
DC160-16-14.000A1-	14		238	301	252	45	14	☻
DC160-16-14.288A1-	14,288	9/16"	272	340	288	48	16	☻
DC160-16-15.000A1-	15		272	340	288	48	16	☻
DC160-16-16.000A1-	16		272	340	288	48	16	☻

Ordering example for the grade WJ30EU: DC160-16-03.000A1-WJ30EU

Solid carbide micro drills with coolant-through
DB133 Supreme

Tool



DIN 6535 HA

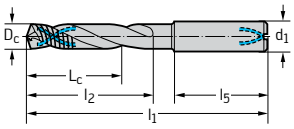
Designation	D_c h7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ER
DB133-20-02.000A1-	2		44	90	47	38	3	●
DB133-20-02.100A1-	2,1		45	90	49	37	3	●
DB133-20-02.200A1-	2,2		48	90	52	34	3	●
DB133-20-02.300A1-	2,3		50	97	54	39	3	●
DB133-20-02.381A1-	2,381	3/32"	52	97	56	37	3	●
DB133-20-02.400A1-	2,4		52	97	56	37	3	●
DB133-20-02.500A1-	2,5		55	97	59	34	3	●
DB133-20-02.600A1-	2,6		57	107	61	42	3	●
DB133-20-02.700A1-	2,7		58	107	63	41	3	●
DB133-20-02.778A1-	2,778	7/64"	61	107	66	38	3	●
DB133-20-02.800A1-	2,8		61	107	66	38	3	●
DB133-20-02.900A1-	2,9		63	107	68	36	3	●

Ordering example for the grade WJ30ER: DB133-20-02.000A1-WJ30ER

Solid carbide drills with coolant-through
DC170 Supreme

B1

Tool



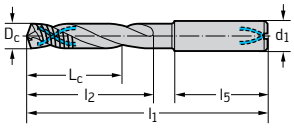
DIN 6535 HA

Designation	D_c h7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EJ
DC170-20-03.000A1-	3		60	97	65	28	4	☻
DC170-20-03.175A1-	3,175	1/8"	74	112	80	28	4	☻
DC170-20-03.500A1-	3,5		86	124	92	28	4	☻
DC170-20-03.572A1-	3,572	9/64"	86	124	92	28	4	☻
DC170-20-03.969A1-	3,969	5/32"	86	124	92	28	4	☻
DC170-20-04.000A1-	4		86	124	92	28	4	☻
DC170-20-04.500A1-	4,5		111	150	118	28	5	☻
DC170-20-04.763A1-	4,763	3/16"	110	150	118	28	5	☻
DC170-20-04.800A1-	4,8		110	150	118	28	5	☻
DC170-20-05.000A1-	5		110	150	118	28	5	☻
DC170-20-05.500A1-	5,5		123	170	132	36	6	☻
DC170-20-05.556A1-	5,556	7/32"	135	182	144	36	6	☻
DC170-20-05.800A1-	5,8		135	182	144	36	6	☻
DC170-20-06.000A1-	6		135	182	144	36	6	☻
DC170-20-06.100A1-	6,1		151	200	162	36	8	☻
DC170-20-06.350A1-	6,350	1/4"	151	200	162	36	8	☻
DC170-20-06.500A1-	6,5		151	200	162	36	8	☻
DC170-20-06.800A1-	6,8		151	200	162	36	8	☻
DC170-20-07.000A1-	7		151	200	162	36	8	☻
DC170-20-07.144A1-	7,144	9/32"	172	222	184	36	8	☻
DC170-20-07.400A1-	7,4		172	222	184	36	8	☻
DC170-20-07.500A1-	7,5		172	222	184	36	8	☻
DC170-20-07.938A1-	7,938	5/16"	172	222	184	36	8	☻
DC170-20-08.000A1-	8		172	222	184	36	8	☻
DC170-20-08.300A1-	8,3		184	240	198	40	10	☻
DC170-20-08.500A1-	8,5		184	240	198	40	10	☻
DC170-20-08.731A1-	8,731	11/32"	184	240	198	40	10	☻
DC170-20-09.000A1-	9		184	240	198	40	10	☻
DC170-20-09.525A1-	9,525	3/8"	205	262	220	40	10	☻
DC170-20-09.800A1-	9,8		205	262	220	40	10	☻
DC170-20-10.000A1-	10		205	262	220	40	10	☻
DC170-20-10.200A1-	10,2		225	289	242	45	12	☻
DC170-20-10.319A1-	10,319	13/32"	225	289	242	45	12	☻
DC170-20-11.000A1-	11		225	289	242	45	12	☻
DC170-20-11.113A1-	11,113	7/16"	246	311	264	45	12	☻
DC170-20-11.500A1-	11,5		246	311	264	45	12	☻

Ordering example for the grade WJ30EJ: DC170-20-03.000A1-WJ30EJ

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

Tool



DIN 6535 HA

Designation	D_c h7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EJ
DC170-20-11.800A1-	11,8		246	311	264	45	12	●
DC170-20-12.000A1-	12		246	311	264	45	12	●
DC170-20-12.700A1-	12,700	1/2"	294	357	308	45	14	●
DC170-20-13.000A1-	13		294	357	308	45	14	●
DC170-20-14.000A1-	14		294	357	308	45	14	●
DC170-20-14.288A1-	14,288	9/16"	336	404	352	48	16	●
DC170-20-15.000A1-	15		336	404	352	48	16	●
DC170-20-16.000A1-	16		336	404	352	48	16	●

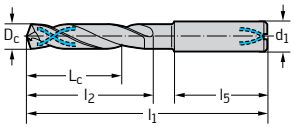
Ordering example for the grade WJ30EJ: DC170-20-03.000A1-WJ30EJ

B1

Solid carbide drills with coolant-through
DC160 Advance
X·treme Evo

B1

Tool



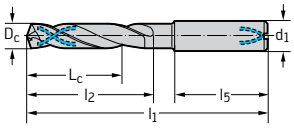
DIN 6535 HA

Designation	D_c h7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EU
DC160-20-03.000A1-	3		60	97	65	28	4	☻
DC160-20-03.175A1-	3,175	1/8"	74	112	80	28	4	☻
DC160-20-03.500A1-	3,5		86	124	92	28	4	☻
DC160-20-03.572A1-	3,572	9/64"	86	124	92	28	4	☻
DC160-20-03.969A1-	3,969	5/32"	86	124	92	28	4	☻
DC160-20-04.000A1-	4		86	124	92	28	4	☻
DC160-20-04.500A1-	4,5		111	150	118	28	5	☻
DC160-20-04.763A1-	4,763	3/16"	110	150	118	28	5	☻
DC160-20-04.800A1-	4,8		110	150	118	28	5	☻
DC160-20-05.000A1-	5		110	150	118	28	5	☻
DC160-20-05.500A1-	5,5		123	170	132	36	6	☻
DC160-20-05.556A1-	5,556	7/32"	135	182	144	36	6	☻
DC160-20-05.800A1-	5,8		135	182	144	36	6	☻
DC160-20-06.000A1-	6		135	182	144	36	6	☻
DC160-20-06.100A1-	6,1		151	200	162	36	8	☻
DC160-20-06.350A1-	6,350	1/4"	151	200	162	36	8	☻
DC160-20-06.500A1-	6,5		151	200	162	36	8	☻
DC160-20-06.800A1-	6,8		151	200	162	36	8	☻
DC160-20-07.000A1-	7		151	200	162	36	8	☻
DC160-20-07.144A1-	7,144	9/32"	172	222	184	36	8	☻
DC160-20-07.400A1-	7,4		172	222	184	36	8	☻
DC160-20-07.500A1-	7,5		172	222	184	36	8	☻
DC160-20-07.938A1-	7,938	5/16"	172	222	184	36	8	☻
DC160-20-08.000A1-	8		172	222	184	36	8	☻
DC160-20-08.300A1-	8,3		184	240	198	40	10	☻
DC160-20-08.500A1-	8,5		184	240	198	40	10	☻
DC160-20-08.731A1-	8,731	11/32"	184	240	198	40	10	☻
DC160-20-09.000A1-	9		184	240	198	40	10	☻
DC160-20-09.525A1-	9,525	3/8"	205	262	220	40	10	☻
DC160-20-09.800A1-	9,8		205	262	220	40	10	☻
DC160-20-10.000A1-	10		205	262	220	40	10	☻
DC160-20-10.200A1-	10,2		225	289	242	45	12	☻
DC160-20-10.319A1-	10,319	13/32"	225	289	242	45	12	☻
DC160-20-11.000A1-	11		225	289	242	45	12	☻
DC160-20-11.113A1-	11,113	7/16"	246	311	264	45	12	☻
DC160-20-11.500A1-	11,5		246	311	264	45	12	☻

Ordering example for the grade WJ30EU: DC160-20-03.000A1-WJ30EU

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

Tool



DIN 6535 HA

Designation	D_c h7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EU
DC160-20-11.800A1-	11,8		246	311	264	45	12	
DC160-20-11.906A1-	11,906	15/32"	246	311	264	45	12	
DC160-20-12.000A1-	12		246	311	264	45	12	
DC160-20-12.700A1-	12,700	1/2"	294	357	308	45	14	
DC160-20-13.000A1-	13		294	357	308	45	14	
DC160-20-14.000A1-	14		294	357	308	45	14	
DC160-20-14.288A1-	14,288	9/16"	336	404	352	48	16	
DC160-20-15.000A1-	15		336	404	352	48	16	
DC160-20-16.000A1-	16		336	404	352	48	16	

Ordering example for the grade WJ30EU: DC160-20-03.000A1-WJ30EU

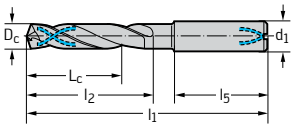
B1

Solid carbide drills with coolant-through

A6794TFP

X-treme DH20

B1



DIN 6535 HA

Tool Designation	D_c h7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm
A6794TFP-3	3		60	107	65	36	6
A6794TFP-1/8IN	3,175	1/8"	86	134	92	36	6
A6794TFP-3.5	3,5		86	134	92	36	6
A6794TFP-9/64IN	3,572	9/64"	86	134	92	36	6
A6794TFP-5/32IN	3,969	5/32"	86	134	92	36	6
A6794TFP-4	4		86	134	92	36	6
A6794TFP-4.5	4,5		110	158	118	36	6
A6794TFP-3/16IN	4,763	3/16"	110	158	118	36	6
A6794TFP-4.8	4,8		110	158	118	36	6
A6794TFP-5	5		110	158	118	36	6
A6794TFP-5.5	5,5		123	170	132	36	6
A6794TFP-7/32IN	5,556	7/32"	135	182	144	36	6
A6794TFP-6	6		135	182	144	36	6
A6794TFP-6.1	6,1		151	200	162	36	8
A6794TFP-1/4IN	6,350	1/4"	151	200	162	36	8
A6794TFP-6.5	6,5		151	200	162	36	8
A6794TFP-6.8	6,8		151	200	162	36	8
A6794TFP-7	7		151	200	162	36	8
A6794TFP-9/32IN	7,144	9/32"	172	222	184	36	8
A6794TFP-7.5	7,5		172	222	184	36	8
A6794TFP-5/16IN	7,938	5/16"	172	222	184	36	8
A6794TFP-8	8		172	222	184	36	8
A6794TFP-8.3	8,3		184	240	198	40	10
A6794TFP-8.5	8,5		184	240	198	40	10
A6794TFP-11/32IN	8,731	11/32"	184	240	198	40	10
A6794TFP-9	9		184	240	198	40	10
A6794TFP-3/8IN	9,525	3/8"	205	262	220	40	10
A6794TFP-9.8	9,8		205	262	220	40	10
A6794TFP-10	10		205	262	220	40	10

WALTER SELECT

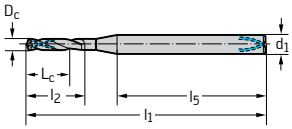
●● Primary application ● Other application

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

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

Solid carbide micro drills with coolant-through
DB133 Supreme

Tool



DIN 6535 HA

Designation	D_c h7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ER
DB133-25-02.000A1-	2		54	101	57	39	3	☺
DB133-25-02.100A1-	2,1		56	101	60	37	3	☺
DB133-25-02.200A1-	2,2		59	101	63	34	3	☺
DB133-25-02.300A1-	2,3		62	107	66	37	3	☺
DB133-25-02.381A1-	2,381	3/32"	64	107	68	35	3	☺
DB133-25-02.400A1-	2,4		64	107	68	35	3	☺
DB133-25-02.500A1-	2,5		67	107	71	32	3	☺
DB133-25-02.600A1-	2,6		70	122	74	44	3	☺
DB133-25-02.700A1-	2,7		72	122	77	41	3	☺
DB133-25-02.778A1-	2,778	7/64"	75	122	80	38	3	☺
DB133-25-02.800A1-	2,8		75	122	80	38	3	☺
DB133-25-02.900A1-	2,9		78	122	83	36	3	☺

Ordering example for the grade WJ30ER: DB133-25-02.000A1-WJ30ER

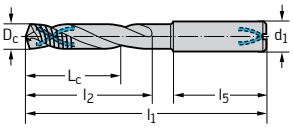
WALTER SELECT

●● Primary application ● Other application

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

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

Solid carbide drills with coolant-through
DC170 Supreme



DIN 6535 HA

Tool

Designation	D_c h7 mm	$D_{c\ inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EJ
DC170-25-03.000A1-	3		79	119	84	28	4	☺
DC170-25-03.175A1-	3,175	1/8"	96	148	102	28	4	☺
DC170-25-03.500A1-	3,5		108	148	114	28	4	☺
DC170-25-03.572A1-	3,572	9/64"	108	148	114	28	4	☺
DC170-25-03.969A1-	3,969	5/32"	108	148	114	28	4	☺
DC170-25-04.000A1-	4		108	148	114	28	4	☺
DC170-25-04.500A1-	4,5		138	177	145	28	5	☺
DC170-25-04.763A1-	4,763	3/16"	137	177	145	28	5	☺
DC170-25-04.800A1-	4,8		137	177	145	28	5	☺
DC170-25-05.000A1-	5		137	177	145	28	5	☺
DC170-25-05.500A1-	5,5		151	200	160	36	6	☺
DC170-25-05.556A1-	5,556	7/32"	165	214	174	36	6	☺
DC170-25-06.000A1-	6		165	214	174	36	6	☺
DC170-25-06.350A1-	6,350	1/4"	183	234	194	36	8	☺
DC170-25-06.500A1-	6,5		183	234	194	36	8	☺
DC170-25-06.800A1-	6,8		183	234	194	36	8	☺
DC170-25-07.000A1-	7		183	234	194	36	8	☺
DC170-25-07.144A1-	7,144	9/32"	208	260	220	36	8	☺
DC170-25-07.938A1-	7,938	5/16"	208	260	220	36	8	☺
DC170-25-08.000A1-	8		208	260	220	36	8	☺
DC170-25-08.500A1-	8,5		229	289	243	40	10	☺
DC170-25-08.731A1-	8,731	11/32"	229	289	243	40	10	☺
DC170-25-09.000A1-	9		229	289	243	40	10	☺
DC170-25-09.525A1-	9,525	3/8"	255	314	270	40	10	☺
DC170-25-10.000A1-	10		255	314	270	40	10	☺
DC170-25-10.200A1-	10,2		280	346	297	45	12	☺
DC170-25-11.000A1-	11		280	346	297	45	12	☺
DC170-25-11.113A1-	11,113	7/16"	306	373	324	45	12	☺
DC170-25-12.000A1-	12		306	373	324	45	12	☺

Ordering example for the grade WJ30EJ: DC170-25-03.000A1-WJ30EJ

WALTER SELECT

●● Primary application ● Other application

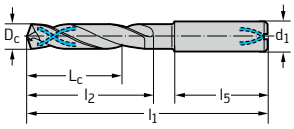
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide drills with coolant-through
DC160 Advance
X-treme Evo

B1

Tool



DIN 6535 HA

Designation	D_c h7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EU
DC160-25-03.000A1-	3		79	119	84	28	4	●
DC160-25-03.175A1-	3,175	1/8"	96	148	102	28	4	●
DC160-25-03.500A1-	3,5		108	148	114	28	4	●
DC160-25-03.572A1-	3,572	9/64"	108	148	114	28	4	●
DC160-25-03.969A1-	3,969	5/32"	108	148	114	28	4	●
DC160-25-04.000A1-	4		108	148	114	28	4	●
DC160-25-04.500A1-	4,5		138	177	145	28	5	●
DC160-25-04.763A1-	4,763	3/16"	137	177	145	28	5	●
DC160-25-04.800A1-	4,8		137	177	145	28	5	●
DC160-25-05.000A1-	5		137	177	145	28	5	●
DC160-25-05.500A1-	5,5		151	200	160	36	6	●
DC160-25-05.556A1-	5,556	7/32"	165	214	174	36	6	●
DC160-25-05.800A1-	5,8		165	214	174	36	6	●
DC160-25-06.000A1-	6		165	214	174	36	6	●
DC160-25-06.100A1-	6,1		183	234	194	36	8	●
DC160-25-06.350A1-	6,350	1/4"	183	234	194	36	8	●
DC160-25-06.500A1-	6,5		183	234	194	36	8	●
DC160-25-06.800A1-	6,8		183	234	194	36	8	●
DC160-25-07.000A1-	7		183	234	194	36	8	●
DC160-25-07.144A1-	7,144	9/32"	208	260	220	36	8	●
DC160-25-07.400A1-	7,4		208	260	220	36	8	●
DC160-25-07.500A1-	7,5		208	260	220	36	8	●
DC160-25-07.938A1-	7,938	5/16"	208	260	220	36	8	●
DC160-25-08.000A1-	8		208	260	220	36	8	●
DC160-25-08.300A1-	8,3		229	289	243	40	10	●
DC160-25-08.500A1-	8,5		229	289	243	40	10	●
DC160-25-08.731A1-	8,731	11/32"	229	289	243	40	10	●
DC160-25-09.000A1-	9		229	289	243	40	10	●
DC160-25-09.525A1-	9,525	3/8"	255	314	270	40	10	●
DC160-25-09.800A1-	9,8		255	314	270	40	10	●
DC160-25-10.000A1-	10		255	314	270	40	10	●
DC160-25-10.200A1-	10,2		280	346	297	45	12	●
DC160-25-10.319A1-	10,319	13/32"	280	346	297	45	12	●
DC160-25-11.000A1-	11		280	346	297	45	12	●
DC160-25-11.113A1-	11,113	7/16"	306	373	324	45	12	●
DC160-25-11.500A1-	11,5		306	373	324	45	12	●
DC160-25-11.800A1-	11,8		306	373	324	45	12	●
DC160-25-11.906A1-	11,906	15/32"	306	373	324	45	12	●
DC160-25-12.000A1-	12		306	373	324	45	12	●

Ordering example for the grade WJ30EU: DC160-25-03.000A1-WJ30EU

WALTER SELECT

●● Primary application ● Other application

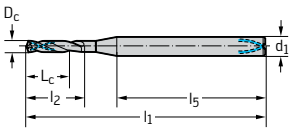
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide micro drills with coolant-through
DB133 Supreme

B1

Tool



DIN 6535 HA

Designation	D_c h7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ER
DB133-30-02.000A1-	2		64	112	67	40	3	☺
DB133-30-02.100A1-	2,1		66	112	70	38	3	☺
DB133-30-02.200A1-	2,2		70	112	74	34	3	☺
DB133-30-02.300A1-	2,3		73	122	77	41	3	☺
DB133-30-02.381A1-	2,381	3/32"	76	122	80	38	3	☺
DB133-30-02.400A1-	2,4		76	122	80	38	3	☺
DB133-30-02.500A1-	2,5		80	122	84	34	3	☺
DB133-30-02.600A1-	2,6		83	136	87	45	3	☺
DB133-30-02.700A1-	2,7		85	136	90	42	3	☺
DB133-30-02.778A1-	2,778	7/64"	89	136	94	38	3	☺
DB133-30-02.800A1-	2,8		89	136	94	38	3	☺
DB133-30-02.900A1-	2,9		92	136	97	36	3	☺

Ordering example for the grade WJ30ER: DB133-30-02.000A1-WJ30ER

WALTER SELECT

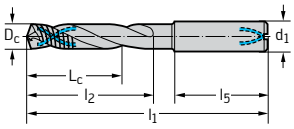
●● Primary application ● Other application

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

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

Solid carbide drills with coolant-through
DC170 Supreme

Tool



DIN 6535 HA

Designation	D_c h7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EJ
DC170-30-03.000A1-	3		92	132	97	28	4	☺
DC170-30-03.175A1-	3,175	1/8"	114	166	120	28	4	☺
DC170-30-03.500A1-	3,5		127	166	133	28	4	☺
DC170-30-04.000A1-	4		127	166	133	28	4	☺
DC170-30-04.500A1-	4,5		162	200	169	28	5	☺
DC170-30-04.763A1-	4,763	3/16"	161	200	169	28	5	☺
DC170-30-04.800A1-	4,8		161	200	169	28	5	☺
DC170-30-05.000A1-	5		161	200	169	28	5	☺
DC170-30-05.500A1-	5,5		178	225	187	36	6	☺
DC170-30-06.000A1-	6		195	242	204	36	6	☺
DC170-30-06.350A1-	6,350	1/4"	217	268	228	36	8	☺
DC170-30-06.500A1-	6,5		217	268	228	36	8	☺
DC170-30-06.800A1-	6,8		217	268	228	36	8	☺
DC170-30-07.000A1-	7		217	268	228	36	8	☺
DC170-30-07.400A1-	7,4		244	294	256	36	8	☺
DC170-30-07.938A1-	7,938	5/16"	244	294	256	36	8	☺
DC170-30-08.000A1-	8		244	294	256	36	8	☺
DC170-30-08.500A1-	8,5		273	330	287	40	10	☺
DC170-30-08.731A1-	8,731	11/32"	273	330	287	40	10	☺
DC170-30-09.000A1-	9		273	330	287	40	10	☺
DC170-30-09.525A1-	9,525	3/8"	305	364	320	40	10	☺
DC170-30-10.000A1-	10		305	364	320	40	10	☺
DC170-30-10.200A1-	10,2		335	401	352	45	12	☺
DC170-30-11.000A1-	11		335	401	352	45	12	☺
DC170-30-11.113A1-	11,113	7/16"	364	430	382	45	12	☺
DC170-30-12.000A1-	12		364	430	382	45	12	☺

Ordering example for the grade WJ30EJ: DC170-30-03.000A1-WJ30EJ

WALTER SELECT

●● Primary application ● Other application

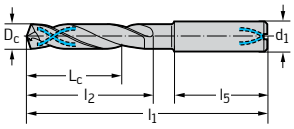
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide drills with coolant-through
DC160 Advance
X-treme Evo

B1

Tool



DIN 6535 HA

Designation	D_c h7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EU
DC160-30-03.000A1-	3		92	132	97	28	4	☺
DC160-30-03.175A1-	3,175	1/8"	114	166	120	28	4	☺
DC160-30-03.500A1-	3,5		127	166	133	28	4	☺
DC160-30-03.572A1-	3,572	9/64"	127	166	133	28	4	☺
DC160-30-03.969A1-	3,969	5/32"	127	166	133	28	4	☺
DC160-30-04.000A1-	4		127	166	133	28	4	☺
DC160-30-04.500A1-	4,5		162	200	169	28	5	☺
DC160-30-04.763A1-	4,763	3/16"	161	200	169	28	5	☺
DC160-30-04.800A1-	4,8		161	200	169	28	5	☺
DC160-30-05.000A1-	5		161	200	169	28	5	☺
DC160-30-05.500A1-	5,5		178	225	187	36	6	☺
DC160-30-05.556A1-	5,556	7/32"	195	242	204	36	6	☺
DC160-30-05.800A1-	5,8		195	242	204	36	6	☺
DC160-30-06.000A1-	6		195	242	204	36	6	☺
DC160-30-06.100A1-	6,1		217	268	228	36	8	☺
DC160-30-06.350A1-	6,350	1/4"	217	268	228	36	8	☺
DC160-30-06.500A1-	6,5		217	268	228	36	8	☺
DC160-30-06.800A1-	6,8		217	268	228	36	8	☺
DC160-30-07.000A1-	7		217	268	228	36	8	☺
DC160-30-07.144A1-	7,144	9/32"	244	294	256	36	8	☺
DC160-30-07.400A1-	7,4		244	294	256	36	8	☺
DC160-30-07.500A1-	7,5		244	294	256	36	8	☺
DC160-30-07.938A1-	7,938	5/16"	244	294	256	36	8	☺
DC160-30-08.000A1-	8		244	294	256	36	8	☺
DC160-30-08.300A1-	8,3		273	330	287	40	10	☺
DC160-30-08.500A1-	8,5		273	330	287	40	10	☺
DC160-30-08.731A1-	8,731	11/32"	273	330	287	40	10	☺
DC160-30-09.000A1-	9		273	330	287	40	10	☺
DC160-30-09.525A1-	9,525	3/8"	305	364	320	40	10	☺
DC160-30-09.800A1-	9,8		305	364	320	40	10	☺
DC160-30-10.000A1-	10		305	364	320	40	10	☺
DC160-30-10.200A1-	10,2		335	401	352	45	12	☺
DC160-30-10.319A1-	10,319	13/32"	335	401	352	45	12	☺
DC160-30-11.000A1-	11		335	401	352	45	12	☺
DC160-30-11.113A1-	11,113	7/16"	364	430	382	45	12	☺
DC160-30-11.500A1-	11,5		364	430	382	45	12	☺
DC160-30-11.800A1-	11,8		364	430	382	45	12	☺
DC160-30-11.906A1-	11,906	15/32"	364	430	382	45	12	☺
DC160-30-12.000A1-	12		364	430	382	45	12	☺

Ordering example for the grade WJ30EU: DC160-30-03.000A1-WJ30EU

WALTER SELECT

●● Primary application ● Other application

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

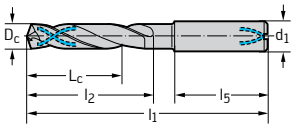
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide drills with coolant-through

A6994TFP

X-treme DH30

Tool



DIN 6535 HA

Designation	D_c h7 mm	$D_{c\ inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm
A6994TFP-3	3		92	140	97	36	6
A6994TFP-1/8IN	3,175	1/8"	127	174	133	36	6
A6994TFP-3.5	3,5		127	174	133	36	6
A6994TFP-9/64IN	3,572	9/64"	127	174	133	36	6
A6994TFP-5/32IN	3,969	5/32"	127	174	133	36	6
A6994TFP-4	4		127	174	133	36	6
A6994TFP-4.5	4,5		161	208	169	36	6
A6994TFP-3/16IN	4,763	3/16"	161	208	169	36	6
A6994TFP-4.8	4,8		161	208	169	36	6
A6994TFP-5	5		161	208	169	36	6
A6994TFP-5.5	5,5		178	225	187	36	6
A6994TFP-7/32IN	5,556	7/32"	195	242	204	36	6
A6994TFP-6	6		195	242	204	36	6
A6994TFP-1/4IN	6,350	1/4"	217	268	228	36	8
A6994TFP-6.5	6,5		217	268	228	36	8
A6994TFP-6.8	6,8		217	268	228	36	8
A6994TFP-7	7		217	268	228	36	8
A6994TFP-8	8		244	294	256	36	8
A6994TFP-8.3	8,3		273	330	287	40	10
A6994TFP-8.5	8,5		273	330	287	40	10
A6994TFP-11/32IN	8,731	11/32"	273	330	287	40	10
A6994TFP-9	9		273	330	287	40	10
A6994TFP-10	10		305	364	320	40	10

WALTER SELECT

●● Primary application ● Other application

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

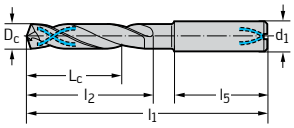
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide drills with coolant-through

A7495TTP

X-treme D40

B1



DIN 6535 HA

Tool Designation	D_c e7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm
A7495TTP-3	3		134	172	139	28	4
A7495TTP-1/8IN	3,175	1/8"	134	172	139	28	4
A7495TTP-3.5	3,5		150	188	156	28	4
A7495TTP-9/64IN	3,572	9/64"	150	188	156	28	4
A7495TTP-5/32IN	3,969	5/32"	168	206	174	28	4
A7495TTP-4	4		168	206	174	28	4
A7495TTP-4.5	4,5		188	228	195	28	5
A7495TTP-3/16IN	4,763	3/16"	209	249	217	28	5
A7495TTP-4.8	4,8		209	249	217	28	5
A7495TTP-5	5		209	249	217	28	5
A7495TTP-5.5	5,5		230	279	239	36	6
A7495TTP-7/32IN	5,556	7/32"	248	297	257	36	6
A7495TTP-5.8	5,8		248	297	257	36	6
A7495TTP-6	6		248	297	257	36	6
A7495TTP-6.1	6,1		272	324	282	36	8
A7495TTP-1/4IN	6,350	1/4"	272	324	282	36	8
A7495TTP-6.5	6,5		272	324	282	36	8
A7495TTP-6.8	6,8		287	339	298	36	8
A7495TTP-7	7		287	339	298	36	8
A7495TTP-9/32IN	7,144	9/32"	313	366	325	36	8
A7495TTP-7.5	7,5		313	366	325	36	8
A7495TTP-5/16IN	7,938	5/16"	330	382	342	36	8
A7495TTP-8	8		330	382	342	36	8
A7495TTP-8.5	8,5		356	415	369	40	10
A7495TTP-11/32IN	8,731	11/32"	371	430	385	40	10
A7495TTP-9	9		371	430	385	40	10
A7495TTP-3/8IN	9,525	3/8"	418	477	412	40	10
A7495TTP-9.8	9,8		418	477	433	40	10
A7495TTP-10	10		418	477	433	40	10
A7495TTP-10.2	10,2		460	528	477	45	12
A7495TTP-11	11		460	528	477	45	12

WALTER SELECT

●● Primary application ● Other application

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

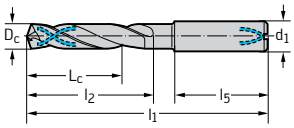
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide drills with coolant-through

A7595TTP

X-treme D50

Tool



DIN 6535 HA

Designation	D_c e7 mm	$D_{c\ inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm
A7595TTP-3	3		166	204	171	28	4
A7595TTP-1/8IN	3,175	1/8"	166	204	171	28	4
A7595TTP-3.5	3,5		186	224	192	28	4
A7595TTP-9/64IN	3,572	9/64"	186	224	192	28	4
A7595TTP-5/32IN	3,969	5/32"	203	239	209	28	4
A7595TTP-4	4		203	239	209	28	4
A7595TTP-4.5	4,5		233	273	240	28	5
A7595TTP-3/16IN	4,763	3/16"	259	299	267	28	5
A7595TTP-4.8	4,8		259	299	267	28	5
A7595TTP-5	5		259	299	267	28	5
A7595TTP-5.5	5,5		285	334	294	36	6
A7595TTP-7/32IN	5,556	7/32"	308	357	317	36	6
A7595TTP-6	6		308	357	317	36	6
A7595TTP-6.1	6,1		337	389	347	36	8
A7595TTP-1/4IN	6,350	1/4"	337	389	347	36	8
A7595TTP-6.5	6,5		337	389	347	36	8
A7595TTP-6.8	6,8		357	409	368	36	8
A7595TTP-7	7		357	409	368	36	8
A7595TTP-5/16IN	7,938	5/16"	410	462	422	36	8
A7595TTP-8	8		410	462	422	36	8
A7595TTP-8.3	8,3		441	500	454	40	10
A7595TTP-8.5	8,5		441	500	454	40	10
A7595TTP-11/32IN	8,731	11/32"	466	525	480	40	10
A7595TTP-9	9		466	525	480	40	10

WALTER SELECT

●● Primary application ● Other application

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

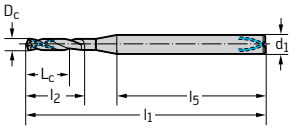
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide micro pilot drills with coolant-through

DB131 Supreme

B1

Tool



DIN 6535 HA

Designation	D_c p7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EL
DB131-02-02.000A1-	2		7	57	10	42	3	●
DB131-02-02.050A1-	2,05		7	57	11	42	3	●
DB131-02-02.100A1-	2,1		7	57	11	42	3	●
DB131-02-02.150A1-	2,15		7	57	11	42	3	●
DB131-02-02.200A1-	2,2		7	57	11	42	3	●
DB131-02-02.250A1-	2,25		8	59	12	43	3	●
DB131-02-02.300A1-	2,3		8	59	12	43	3	●
DB131-02-02.350A1-	2,35		8	59	12	43	3	●
DB131-02-02.381A1-	2,381	3/32"	8	59	12	43	3	●
DB131-02-02.400A1-	2,4		8	59	12	43	3	●
DB131-02-02.450A1-	2,45		9	59	13	42	3	●
DB131-02-02.500A1-	2,5		9	59	13	42	3	●
DB131-02-02.550A1-	2,55		9	62	13	45	3	●
DB131-02-02.600A1-	2,6		9	62	13	45	3	●
DB131-02-02.650A1-	2,65		9	62	14	45	3	●
DB131-02-02.700A1-	2,7		9	62	14	45	3	●
DB131-02-02.750A1-	2,75		9	62	14	45	3	●
DB131-02-02.778A1-	2,778	7/64"	9	62	14	45	3	●
DB131-02-02.800A1-	2,8		9	62	14	45	3	●
DB131-02-02.850A1-	2,85		10	62	15	44	3	●
DB131-02-02.900A1-	2,9		10	62	15	44	3	●
DB131-02-02.950A1-	2,95		10	62	15	44	3	●

Ordering example for the grade WJ30EL: DB131-02-02.000A1-WJ30EL

WALTER SELECT

●● Primary application ● Other application

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

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

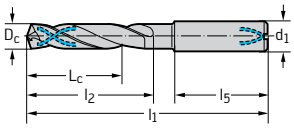
Solid carbide pilot drills with coolant-through

A6181TFT

XD Pilot

– Special diameter tolerance for XD technology

Tool



DIN 6535 HA

Designation	D_c p7 mm	$D_{c\ inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm
A6181TFT-3	3		14	66	20	36	6
A6181TFT-1/8IN	3,175	1/8"	14	66	20	36	6
A6181TFT-3.5	3,5		14	66	20	36	6
A6181TFT-9/64IN	3,572	9/64"	14	66	20	36	6
A6181TFT-5/32IN	3,969	5/32"	16	74	24	36	6
A6181TFT-4	4		16	74	24	36	6
A6181TFT-4.5	4,5		16	74	24	36	6
A6181TFT-3/16IN	4,763	3/16"	19	82	28	36	6
A6181TFT-4.8	4,8		19	82	28	36	6
A6181TFT-5	5		19	82	28	36	6
A6181TFT-5.5	5,5		19	82	28	36	6
A6181TFT-7/32IN	5,556	7/32"	19	82	28	36	6
A6181TFT-5.8	5,8		19	82	28	36	6
A6181TFT-6	6		19	82	28	36	6
A6181TFT-6.1	6,1		23	91	34	36	8
A6181TFT-1/4IN	6,350	1/4"	23	91	34	36	8
A6181TFT-6.5	6,5		23	91	34	36	8
A6181TFT-6.8	6,8		23	91	34	36	8
A6181TFT-7	7		23	91	34	36	8
A6181TFT-9/32IN	7,144	9/32"	29	91	41	36	8
A6181TFT-7.4	7,4		29	91	41	36	8
A6181TFT-7.5	7,5		29	91	41	36	8
A6181TFT-5/16IN	7,938	5/16"	29	91	41	36	8
A6181TFT-8	8		29	91	41	36	8
A6181TFT-8.3	8,3		32	103	47	40	10
A6181TFT-8.5	8,5		32	103	47	40	10
A6181TFT-11/32IN	8,731	11/32"	32	103	47	40	10
A6181TFT-9	9		32	103	47	40	10
A6181TFT-3/8IN	9,525	3/8"	32	103	47	40	10
A6181TFT-9.8	9,8		32	103	47	40	10
A6181TFT-10	10		32	103	47	40	10
A6181TFT-10.2	10,2		37	118	55	45	12
A6181TFT-13/32IN	10,319	13/32"	37	118	55	45	12
A6181TFT-11	11		37	118	55	45	12
A6181TFT-7/16IN	11,113	7/16"	37	118	55	45	12
A6181TFT-11.5	11,5		37	118	55	45	12
A6181TFT-11.8	11,8		37	118	55	45	12
A6181TFT-15/32IN	11,906	15/32"	37	118	55	45	12
A6181TFT-12	12		37	118	55	45	12
A6181TFT-1/2IN	12,700	1/2"	46	124	60	45	14
A6181TFT-13	13		46	124	60	45	14
A6181TFT-14	14		46	124	60	45	14
A6181TFT-9/16IN	14,288	9/16"	49	133	65	48	16
A6181TFT-15	15		49	133	65	48	16
A6181TFT-16	16		49	133	65	48	16

WALTER SELECT

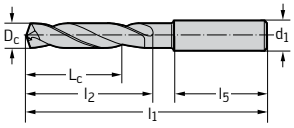
●● Primary application ● Other application

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

Solid carbide twist drills
DC160 Advance
X-treme Evo

B1

Tool

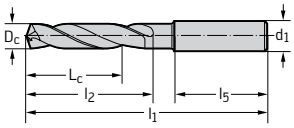


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-03-03.000A0-	3		14	62	20	36	6	☻
DC160-03-03.100A0-	3,1		14	62	20	36	6	☻
DC160-03-03.175A0-	3,175	1/8"	14	62	20	36	6	☻
DC160-03-03.200A0-	3,2		14	62	20	36	6	☻
DC160-03-03.250A0-	3,25		14	62	20	36	6	☻
DC160-03-03.300A0-	3,3		14	62	20	36	6	☻
DC160-03-03.400A0-	3,4		14	62	20	36	6	☻
DC160-03-03.500A0-	3,5		14	62	20	36	6	☻
DC160-03-03.572A0-	3,572	9/64"	14	62	20	36	6	☻
DC160-03-03.600A0-	3,6		14	62	20	36	6	☻
DC160-03-03.650A0-	3,65		14	62	20	36	6	☻
DC160-03-03.700A0-	3,7		14	62	20	36	6	☻
DC160-03-03.800A0-	3,8		17	66	24	36	6	☻
DC160-03-03.900A0-	3,9		17	66	24	36	6	☻
DC160-03-03.969A0-	3,969	5/32"	17	66	24	36	6	☻
DC160-03-04.000A0-	4		17	66	24	36	6	☻
DC160-03-04.100A0-	4,1		17	66	24	36	6	☻
DC160-03-04.200A0-	4,2		17	66	24	36	6	☻
DC160-03-04.300A0-	4,3		17	66	24	36	6	☻
DC160-03-04.366A0-	4,366	11/64"	17	66	24	36	6	☻
DC160-03-04.400A0-	4,4		17	66	24	36	6	☻
DC160-03-04.500A0-	4,5		17	66	24	36	6	☻
DC160-03-04.600A0-	4,6		17	66	24	36	6	☻
DC160-03-04.650A0-	4,65		17	66	24	36	6	☻
DC160-03-04.700A0-	4,7		17	66	24	36	6	☻
DC160-03-04.763A0-	4,763	3/16"	20	66	28	36	6	☻
DC160-03-04.800A0-	4,8		20	66	28	36	6	☻
DC160-03-04.900A0-	4,9		20	66	28	36	6	☻
DC160-03-05.000A0-	5		20	66	28	36	6	☻
DC160-03-05.100A0-	5,1		20	66	28	36	6	☻
DC160-03-05.159A0-	5,159	13/64"	20	66	28	36	6	☻
DC160-03-05.200A0-	5,2		20	66	28	36	6	☻
DC160-03-05.300A0-	5,3		20	66	28	36	6	☻
DC160-03-05.400A0-	5,4		20	66	28	36	6	☻
DC160-03-05.500A0-	5,5		20	66	28	36	6	☻
DC160-03-05.550A0-	5,55		20	66	28	36	6	☻

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

Tool



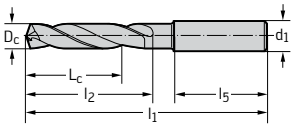
DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-03-05.556A0-	5,556	7/32"	20	66	28	36	6	
DC160-03-05.600A0-	5,6		20	66	28	36	6	
DC160-03-05.700A0-	5,7		20	66	28	36	6	
DC160-03-05.800A0-	5,8		20	66	28	36	6	
DC160-03-05.900A0-	5,9		20	66	28	36	6	
DC160-03-05.953A0-	5,953	15/64"	20	66	28	36	6	
DC160-03-06.000A0-	6		20	66	28	36	6	
DC160-03-06.100A0-	6,1		24	79	34	36	8	
DC160-03-06.200A0-	6,2		24	79	34	36	8	
DC160-03-06.300A0-	6,3		24	79	34	36	8	
DC160-03-06.350A0-	6,350	1/4"	24	79	34	36	8	
DC160-03-06.400A0-	6,4		24	79	34	36	8	
DC160-03-06.500A0-	6,5		24	79	34	36	8	
DC160-03-06.600A0-	6,6		24	79	34	36	8	
DC160-03-06.700A0-	6,7		24	79	34	36	8	
DC160-03-06.747A0-	6,747	17/64"	24	79	34	36	8	
DC160-03-06.800A0-	6,8		24	79	34	36	8	
DC160-03-06.900A0-	6,9		24	79	34	36	8	
DC160-03-07.000A0-	7		24	79	34	36	8	
DC160-03-07.100A0-	7,1		29	79	41	36	8	
DC160-03-07.144A0-	7,144	9/32"	29	79	41	36	8	
DC160-03-07.200A0-	7,2		29	79	41	36	8	
DC160-03-07.300A0-	7,3		29	79	41	36	8	
DC160-03-07.400A0-	7,4		29	79	41	36	8	
DC160-03-07.500A0-	7,5		29	79	41	36	8	
DC160-03-07.541A0-	7,541	19/64"	29	79	41	36	8	
DC160-03-07.550A0-	7,55		29	79	41	36	8	
DC160-03-07.600A0-	7,6		29	79	41	36	8	
DC160-03-07.700A0-	7,7		29	79	41	36	8	
DC160-03-07.800A0-	7,8		29	79	41	36	8	
DC160-03-07.900A0-	7,9		29	79	41	36	8	
DC160-03-07.938A0-	7,938	5/16"	29	79	41	36	8	
DC160-03-08.000A0-	8		29	79	41	36	8	
DC160-03-08.100A0-	8,1		35	89	47	40	10	
DC160-03-08.200A0-	8,2		35	89	47	40	10	
DC160-03-08.300A0-	8,3		35	89	47	40	10	
DC160-03-08.334A0-	8,334	21/64"	35	89	47	40	10	
DC160-03-08.400A0-	8,4		35	89	47	40	10	
DC160-03-08.500A0-	8,5		35	89	47	40	10	
DC160-03-08.600A0-	8,6		35	89	47	40	10	
DC160-03-08.700A0-	8,7		35	89	47	40	10	
DC160-03-08.731A0-	8,731	11/32"	35	89	47	40	10	
DC160-03-08.800A0-	8,8		35	89	47	40	10	
DC160-03-08.900A0-	8,9		35	89	47	40	10	
DC160-03-09.000A0-	9		35	89	47	40	10	
DC160-03-09.100A0-	9,1		35	89	47	40	10	

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

B1

Tool



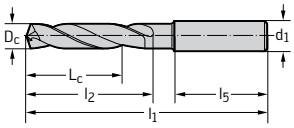
DIN 6535 HA

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-03-09.128A0-	9,128	23/64"	35	89	47	40	10	●
DC160-03-09.200A0-	9,2		35	89	47	40	10	●
DC160-03-09.300A0-	9,3		35	89	47	40	10	●
DC160-03-09.400A0-	9,4		35	89	47	40	10	●
DC160-03-09.500A0-	9,5		35	89	47	40	10	●
DC160-03-09.525A0-	9,525	3/8"	35	89	47	40	10	●
DC160-03-09.550A0-	9,55		35	89	47	40	10	●
DC160-03-09.600A0-	9,6		35	89	47	40	10	●
DC160-03-09.700A0-	9,7		35	89	47	40	10	●
DC160-03-09.800A0-	9,8		35	89	47	40	10	●
DC160-03-09.900A0-	9,9		35	89	47	40	10	●
DC160-03-09.922A0-	9,922	25/64"	35	89	47	40	10	●
DC160-03-10.000A0-	10		35	89	47	40	10	●
DC160-03-10.100A0-	10,1		40	102	55	45	12	●
DC160-03-10.200A0-	10,2		40	102	55	45	12	●
DC160-03-10.300A0-	10,3		40	102	55	45	12	●
DC160-03-10.319A0-	10,319	13/32"	40	102	55	45	12	●
DC160-03-10.400A0-	10,4		40	102	55	45	12	●
DC160-03-10.500A0-	10,5		40	102	55	45	12	●
DC160-03-10.600A0-	10,6		40	102	55	45	12	●
DC160-03-10.700A0-	10,7		40	102	55	45	12	●
DC160-03-10.716A0-	10,716	27/64"	40	102	55	45	12	●
DC160-03-10.800A0-	10,8		40	102	55	45	12	●
DC160-03-10.900A0-	10,9		40	102	55	45	12	●
DC160-03-11.000A0-	11		40	102	55	45	12	●
DC160-03-11.100A0-	11,1		40	102	55	45	12	●
DC160-03-11.113A0-	11,113	7/16"	40	102	55	45	12	●
DC160-03-11.200A0-	11,2		40	102	55	45	12	●
DC160-03-11.300A0-	11,3		40	102	55	45	12	●
DC160-03-11.400A0-	11,4		40	102	55	45	12	●
DC160-03-11.500A0-	11,5		40	102	55	45	12	●
DC160-03-11.509A0-	11,509	29/64"	40	102	55	45	12	●
DC160-03-11.550A0-	11,55		40	102	55	45	12	●
DC160-03-11.700A0-	11,7		40	102	55	45	12	●
DC160-03-11.800A0-	11,8		40	102	55	45	12	●
DC160-03-11.900A0-	11,9		40	102	55	45	12	●
DC160-03-11.906A0-	11,906	15/32"	40	102	55	45	12	●
DC160-03-12.000A0-	12		40	102	55	45	12	●
DC160-03-12.100A0-	12,1		43	107	60	45	14	●
DC160-03-12.200A0-	12,2		43	107	60	45	14	●
DC160-03-12.250A0-	12,25		43	107	60	45	14	●
DC160-03-12.300A0-	12,3		43	107	60	45	14	●
DC160-03-12.303A0-	12,303	31/64"	43	107	60	45	14	●
DC160-03-12.400A0-	12,4		43	107	60	45	14	●
DC160-03-12.500A0-	12,5		43	107	60	45	14	●
DC160-03-12.600A0-	12,6		43	107	60	45	14	●

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

Tool



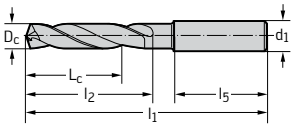
DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-03-12.700A0-	12,700	1/2"	43	107	60	45	14	●
DC160-03-12.750A0-	12,75		43	107	60	45	14	●
DC160-03-12.800A0-	12,8		43	107	60	45	14	●
DC160-03-12.900A0-	12,9		43	107	60	45	14	●
DC160-03-13.000A0-	13		43	107	60	45	14	●
DC160-03-13.100A0-	13,1		43	107	60	45	14	●
DC160-03-13.200A0-	13,2		43	107	60	45	14	●
DC160-03-13.300A0-	13,3		43	107	60	45	14	●
DC160-03-13.400A0-	13,4		43	107	60	45	14	●
DC160-03-13.494A0-	13,494	17/32"	43	107	60	45	14	●
DC160-03-13.500A0-	13,5		43	107	60	45	14	●
DC160-03-13.600A0-	13,6		43	107	60	45	14	●
DC160-03-13.700A0-	13,7		43	107	60	45	14	●
DC160-03-13.800A0-	13,8		43	107	60	45	14	●
DC160-03-13.900A0-	13,9		43	107	60	45	14	●
DC160-03-14.000A0-	14		43	107	60	45	14	●
DC160-03-14.100A0-	14,1		45	115	65	48	16	●
DC160-03-14.200A0-	14,2		45	115	65	48	16	●
DC160-03-14.288A0-	14,288	9/16"	45	115	65	48	16	●
DC160-03-14.300A0-	14,3		45	115	65	48	16	●
DC160-03-14.400A0-	14,4		45	115	65	48	16	●
DC160-03-14.500A0-	14,5		45	115	65	48	16	●
DC160-03-14.600A0-	14,6		45	115	65	48	16	●
DC160-03-14.700A0-	14,7		45	115	65	48	16	●
DC160-03-14.800A0-	14,8		45	115	65	48	16	●
DC160-03-15.000A0-	15		45	115	65	48	16	●
DC160-03-15.100A0-	15,1		45	115	65	48	16	●
DC160-03-15.200A0-	15,2		45	115	65	48	16	●
DC160-03-15.300A0-	15,3		45	115	65	48	16	●
DC160-03-15.500A0-	15,5		45	115	65	48	16	●
DC160-03-15.600A0-	15,6		45	115	65	48	16	●
DC160-03-15.700A0-	15,7		45	115	65	48	16	●
DC160-03-15.800A0-	15,8		45	115	65	48	16	●
DC160-03-15.875A0-	15,875	5/8"	45	115	65	48	16	●
DC160-03-15.900A0-	15,9		45	115	65	48	16	●
DC160-03-16.000A0-	16		45	115	65	48	16	●
DC160-03-16.100A0-	16,1		51	123	73	48	18	●
DC160-03-16.200A0-	16,2		51	123	73	48	18	●
DC160-03-16.300A0-	16,3		51	123	73	48	18	●
DC160-03-16.500A0-	16,5		51	123	73	48	18	●
DC160-03-16.600A0-	16,6		51	123	73	48	18	●
DC160-03-16.700A0-	16,7		51	123	73	48	18	●
DC160-03-16.750A0-	16,75		51	123	73	48	18	●
DC160-03-16.800A0-	16,8		51	123	73	48	18	●
DC160-03-17.000A0-	17		51	123	73	48	18	●
DC160-03-17.200A0-	17,2		51	123	73	48	18	●

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

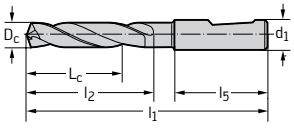
B1

Tool



DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-03-17.300A0-	17,3		51	123	73	48	18	
DC160-03-17.500A0-	17,5		51	123	73	48	18	
DC160-03-17.600A0-	17,6		51	123	73	48	18	
DC160-03-17.700A0-	17,7		51	123	73	48	18	
DC160-03-17.800A0-	17,8		51	123	73	48	18	
DC160-03-18.000A0-	18		51	123	73	48	18	
DC160-03-18.200A0-	18,2		55	131	79	50	20	
DC160-03-18.500A0-	18,5		55	131	79	50	20	
DC160-03-18.700A0-	18,7		55	131	79	50	20	
DC160-03-18.800A0-	18,8		55	131	79	50	20	
DC160-03-19.000A0-	19		55	131	79	50	20	
DC160-03-19.050A0-	19,050	3/4"	55	131	79	50	20	
DC160-03-19.500A0-	19,5		55	131	79	50	20	
DC160-03-19.700A0-	19,7		55	131	79	50	20	
DC160-03-19.800A0-	19,8		55	131	79	50	20	
DC160-03-20.000A0-	20		55	131	79	50	20	

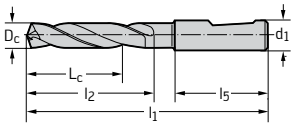


DIN 6535 HE

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-03-03.000F0-	3		14	62	20	36	6	
DC160-03-03.100F0-	3,1		14	62	20	36	6	
DC160-03-03.200F0-	3,2		14	62	20	36	6	
DC160-03-03.250F0-	3,25		14	62	20	36	6	
DC160-03-03.300F0-	3,3		14	62	20	36	6	
DC160-03-03.400F0-	3,4		14	62	20	36	6	
DC160-03-03.500F0-	3,5		14	62	20	36	6	
DC160-03-03.600F0-	3,6		14	62	20	36	6	
DC160-03-03.650F0-	3,65		14	62	20	36	6	
DC160-03-03.700F0-	3,7		14	62	20	36	6	
DC160-03-03.800F0-	3,8		17	66	24	36	6	
DC160-03-03.900F0-	3,9		17	66	24	36	6	
DC160-03-04.000F0-	4		17	66	24	36	6	
DC160-03-04.100F0-	4,1		17	66	24	36	6	
DC160-03-04.200F0-	4,2		17	66	24	36	6	
DC160-03-04.300F0-	4,3		17	66	24	36	6	
DC160-03-04.400F0-	4,4		17	66	24	36	6	
DC160-03-04.500F0-	4,5		17	66	24	36	6	
DC160-03-04.600F0-	4,6		17	66	24	36	6	
DC160-03-04.650F0-	4,65		17	66	24	36	6	
DC160-03-04.700F0-	4,7		17	66	24	36	6	
DC160-03-04.800F0-	4,8		20	66	28	36	6	
DC160-03-04.900F0-	4,9		20	66	28	36	6	
DC160-03-05.000F0-	5		20	66	28	36	6	
DC160-03-05.100F0-	5,1		20	66	28	36	6	
DC160-03-05.200F0-	5,2		20	66	28	36	6	
DC160-03-05.300F0-	5,3		20	66	28	36	6	
DC160-03-05.400F0-	5,4		20	66	28	36	6	
DC160-03-05.500F0-	5,5		20	66	28	36	6	
DC160-03-05.550F0-	5,55		20	66	28	36	6	

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

Tool



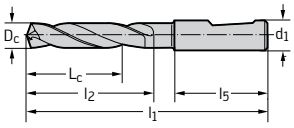
DIN 6535 HE

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-03-05.600F0-	5,6		20	66	28	36	6	●
DC160-03-05.700F0-	5,7		20	66	28	36	6	●
DC160-03-05.800F0-	5,8		20	66	28	36	6	●
DC160-03-05.900F0-	5,9		20	66	28	36	6	●
DC160-03-06.000F0-	6		20	66	28	36	6	●
DC160-03-06.100F0-	6,1		24	79	34	36	8	●
DC160-03-06.200F0-	6,2		24	79	34	36	8	●
DC160-03-06.300F0-	6,3		24	79	34	36	8	●
DC160-03-06.400F0-	6,4		24	79	34	36	8	●
DC160-03-06.500F0-	6,5		24	79	34	36	8	●
DC160-03-06.600F0-	6,6		24	79	34	36	8	●
DC160-03-06.700F0-	6,7		24	79	34	36	8	●
DC160-03-06.800F0-	6,8		24	79	34	36	8	●
DC160-03-06.900F0-	6,9		24	79	34	36	8	●
DC160-03-07.000F0-	7		24	79	34	36	8	●
DC160-03-07.100F0-	7,1		29	79	41	36	8	●
DC160-03-07.200F0-	7,2		29	79	41	36	8	●
DC160-03-07.300F0-	7,3		29	79	41	36	8	●
DC160-03-07.400F0-	7,4		29	79	41	36	8	●
DC160-03-07.500F0-	7,5		29	79	41	36	8	●
DC160-03-07.550F0-	7,55		29	79	41	36	8	●
DC160-03-07.600F0-	7,6		29	79	41	36	8	●
DC160-03-07.700F0-	7,7		29	79	41	36	8	●
DC160-03-07.800F0-	7,8		29	79	41	36	8	●
DC160-03-07.900F0-	7,9		29	79	41	36	8	●
DC160-03-08.000F0-	8		29	79	41	36	8	●
DC160-03-08.100F0-	8,1		35	89	47	40	10	●
DC160-03-08.200F0-	8,2		35	89	47	40	10	●
DC160-03-08.300F0-	8,3		35	89	47	40	10	●
DC160-03-08.400F0-	8,4		35	89	47	40	10	●
DC160-03-08.500F0-	8,5		35	89	47	40	10	●
DC160-03-08.600F0-	8,6		35	89	47	40	10	●
DC160-03-08.700F0-	8,7		35	89	47	40	10	●
DC160-03-08.800F0-	8,8		35	89	47	40	10	●
DC160-03-08.900F0-	8,9		35	89	47	40	10	●
DC160-03-09.000F0-	9		35	89	47	40	10	●
DC160-03-09.100F0-	9,1		35	89	47	40	10	●
DC160-03-09.200F0-	9,2		35	89	47	40	10	●
DC160-03-09.300F0-	9,3		35	89	47	40	10	●
DC160-03-09.400F0-	9,4		35	89	47	40	10	●
DC160-03-09.500F0-	9,5		35	89	47	40	10	●
DC160-03-09.550F0-	9,55		35	89	47	40	10	●
DC160-03-09.600F0-	9,6		35	89	47	40	10	●
DC160-03-09.700F0-	9,7		35	89	47	40	10	●
DC160-03-09.800F0-	9,8		35	89	47	40	10	●
DC160-03-09.900F0-	9,9		35	89	47	40	10	●

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

B1

Tool



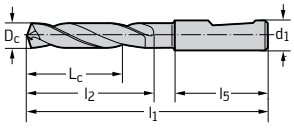
DIN 6535 HE

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-03-10.000F0-	10		35	89	47	40	10	●
DC160-03-10.100F0-	10,1		40	102	55	45	12	●
DC160-03-10.200F0-	10,2		40	102	55	45	12	●
DC160-03-10.300F0-	10,3		40	102	55	45	12	●
DC160-03-10.400F0-	10,4		40	102	55	45	12	●
DC160-03-10.500F0-	10,5		40	102	55	45	12	●
DC160-03-10.600F0-	10,6		40	102	55	45	12	●
DC160-03-10.700F0-	10,7		40	102	55	45	12	●
DC160-03-10.800F0-	10,8		40	102	55	45	12	●
DC160-03-10.900F0-	10,9		40	102	55	45	12	●
DC160-03-11.000F0-	11		40	102	55	45	12	●
								●
DC160-03-11.200F0-	11,2		40	102	55	45	12	●
DC160-03-11.300F0-	11,3		40	102	55	45	12	●
DC160-03-11.400F0-	11,4		40	102	55	45	12	●
DC160-03-11.500F0-	11,5		40	102	55	45	12	●
DC160-03-11.550F0-	11,55		40	102	55	45	12	●
DC160-03-11.600F0-	11,6		40	102	55	45	12	●
DC160-03-11.700F0-	11,7		40	102	55	45	12	●
DC160-03-11.800F0-	11,8		40	102	55	45	12	●
DC160-03-11.900F0-	11,9		40	102	55	45	12	●
DC160-03-12.000F0-	12		40	102	55	45	12	●
DC160-03-12.100F0-	12,1		43	107	60	45	14	●
DC160-03-12.200F0-	12,2		43	107	60	45	14	●
DC160-03-12.250F0-	12,25		43	107	60	45	14	●
DC160-03-12.300F0-	12,3		43	107	60	45	14	●
DC160-03-12.400F0-	12,4		43	107	60	45	14	●
DC160-03-12.500F0-	12,5		43	107	60	45	14	●
DC160-03-12.600F0-	12,6		43	107	60	45	14	●
DC160-03-12.700F0-	12,700	1/2"	43	107	60	45	14	●
DC160-03-12.750F0-	12,75		43	107	60	45	14	●
DC160-03-12.800F0-	12,8		43	107	60	45	14	●
DC160-03-12.900F0-	12,9		43	107	60	45	14	●
DC160-03-13.000F0-	13		43	107	60	45	14	●
DC160-03-13.100F0-	13,1		43	107	60	45	14	●
DC160-03-13.200F0-	13,2		43	107	60	45	14	●
DC160-03-13.300F0-	13,3		43	107	60	45	14	●
DC160-03-13.400F0-	13,4		43	107	60	45	14	●
DC160-03-13.500F0-	13,5		43	107	60	45	14	●
DC160-03-13.600F0-	13,6		43	107	60	45	14	●
DC160-03-13.700F0-	13,7		43	107	60	45	14	●
DC160-03-13.800F0-	13,8		43	107	60	45	14	●
DC160-03-13.900F0-	13,9		43	107	60	45	14	●
DC160-03-14.000F0-	14		43	107	60	45	14	●
DC160-03-14.100F0-	14,1		45	115	65	48	16	●
DC160-03-14.200F0-	14,2		45	115	65	48	16	●

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

Tool



DIN 6535 HE

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-03-14.300F0-	14,3		45	115	65	48	16	
DC160-03-14.400F0-	14,4		45	115	65	48	16	
DC160-03-14.500F0-	14,5		45	115	65	48	16	
DC160-03-14.600F0-	14,6		45	115	65	48	16	
DC160-03-14.700F0-	14,7		45	115	65	48	16	
DC160-03-14.750F0-	14,75		45	115	65	48	16	
DC160-03-14.800F0-	14,8		45	115	65	48	16	
DC160-03-15.000F0-	15		45	115	65	48	16	
DC160-03-15.100F0-	15,1		45	115	65	48	16	
DC160-03-15.200F0-	15,2		45	115	65	48	16	
DC160-03-15.300F0-	15,3		45	115	65	48	16	
DC160-03-15.500F0-	15,5		45	115	65	48	16	
DC160-03-15.600F0-	15,6		45	115	65	48	16	
DC160-03-15.700F0-	15,7		45	115	65	48	16	
DC160-03-15.800F0-	15,8		45	115	65	48	16	
DC160-03-15.900F0-	15,9		45	115	65	48	16	
DC160-03-16.000F0-	16		45	115	65	48	16	
DC160-03-16.100F0-	16,1		51	123	73	48	18	
DC160-03-16.200F0-	16,2		51	123	73	48	18	
DC160-03-16.300F0-	16,3		51	123	73	48	18	
DC160-03-16.400F0-	16,4		51	123	73	48	18	
DC160-03-16.500F0-	16,5		51	123	73	48	18	
DC160-03-16.600F0-	16,6		51	123	73	48	18	
DC160-03-16.700F0-	16,7		51	123	73	48	18	
DC160-03-16.750F0-	16,75		51	123	73	48	18	
DC160-03-16.800F0-	16,8		51	123	73	48	18	
DC160-03-17.000F0-	17		51	123	73	48	18	
DC160-03-17.200F0-	17,2		51	123	73	48	18	
DC160-03-17.300F0-	17,3		51	123	73	48	18	
DC160-03-17.500F0-	17,5		51	123	73	48	18	
DC160-03-17.600F0-	17,6		51	123	73	48	18	
DC160-03-17.700F0-	17,7		51	123	73	48	18	
DC160-03-17.800F0-	17,8		51	123	73	48	18	
DC160-03-18.000F0-	18		51	123	73	48	18	
DC160-03-18.200F0-	18,2		55	131	79	50	20	
DC160-03-18.500F0-	18,5		55	131	79	50	20	
DC160-03-18.700F0-	18,7		55	131	79	50	20	
DC160-03-18.800F0-	18,8		55	131	79	50	20	
DC160-03-19.000F0-	19		55	131	79	50	20	
DC160-03-19.500F0-	19,5		55	131	79	50	20	
DC160-03-19.700F0-	19,7		55	131	79	50	20	
DC160-03-19.800F0-	19,8		55	131	79	50	20	
DC160-03-20.000F0-	20		55	131	79	50	20	

Ordering example for the grade WJ30ET: DC160-03-03.000A0-WJ30ET

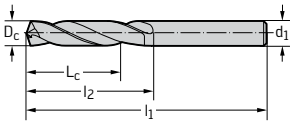
B1

Solid carbide twist drills
DC150 Perform

– Up to 1.9 mm dimensions in accordance with DIN 1897

B1

Tool



Cylindrical shank

Designation	D_c h7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	d_1 h6 mm	WJ30RE
DC150-03-01.500U0-	1,5		6	32	9	1,5	☻
DC150-03-01.588U0-	1,588	1/16"	7	34	10	1,588	☻
DC150-03-01.600U0-	1,6		7	34	10	1,6	☻
DC150-03-01.700U0-	1,7		7	34	10	1,7	☻
DC150-03-01.800U0-	1,8		8	36	11	1,8	☻
DC150-03-01.820U0-	1,82		8	36	11	1,82	☻
DC150-03-01.900U0-	1,9		8	36	11	1,9	☻
DC150-03-01.984U0-	1,984	5/64"	8	38	12	1,984	☻
DC150-03-02.000U0-	2		8	38	12	2	☻
DC150-03-02.050U0-	2,05		8	38	12	2,05	☻
DC150-03-02.100U0-	2,1		8	38	12	2,1	☻
DC150-03-02.200U0-	2,2		9	40	13	2,2	☻
DC150-03-02.300U0-	2,3		9	40	13	2,3	☻
DC150-03-02.381U0-	2,381	3/32"	10	43	14	2,381	☻
DC150-03-02.400U0-	2,4		10	43	14	2,4	☻
DC150-03-02.500U0-	2,5		10	43	14	2,5	☻
DC150-03-02.600U0-	2,6		10	43	14	2,6	☻
DC150-03-02.700U0-	2,7		11	46	16	2,7	☻
DC150-03-02.778U0-	2,778	7/64"	11	46	16	2,778	☻
DC150-03-02.800U0-	2,8		11	46	16	2,8	☻
DC150-03-02.900U0-	2,9		11	46	16	2,9	☻

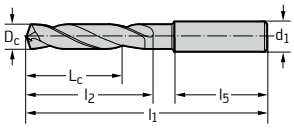
Ordering example for the grade WJ30RE: DC150-03-01.500U0-WJ30RE

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

Solid carbide twist drills

DC150 Perform

Tool

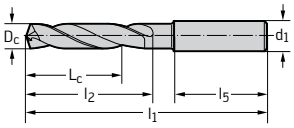


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-03.000A0-	3		14	62	20	36	6	●
DC150-03-03.100A0-	3,1		14	62	20	36	6	●
DC150-03-03.175A0-	3,175	1/8"	14	62	20	36	6	●
DC150-03-03.200A0-	3,2		14	62	20	36	6	●
DC150-03-03.250A0-	3,25		14	62	20	36	6	●
DC150-03-03.300A0-	3,3		14	62	20	36	6	●
DC150-03-03.400A0-	3,4		14	62	20	36	6	●
DC150-03-03.500A0-	3,5		14	62	20	36	6	●
DC150-03-03.572A0-	3,572	9/64"	14	62	20	36	6	●
DC150-03-03.600A0-	3,6		14	62	20	36	6	●
DC150-03-03.700A0-	3,7		14	62	20	36	6	●
DC150-03-03.800A0-	3,8		17	66	24	36	6	●
DC150-03-03.900A0-	3,9		17	66	24	36	6	●
DC150-03-03.969A0-	3,969	5/32"	17	66	24	36	6	●
DC150-03-04.000A0-	4		17	66	24	36	6	●
DC150-03-04.100A0-	4,1		17	66	24	36	6	●
DC150-03-04.200A0-	4,2		17	66	24	36	6	●
DC150-03-04.300A0-	4,3		17	66	24	36	6	●
DC150-03-04.366A0-	4,366	11/64"	17	66	24	36	6	●
DC150-03-04.400A0-	4,4		17	66	24	36	6	●
DC150-03-04.500A0-	4,5		17	66	24	36	6	●
DC150-03-04.600A0-	4,6		17	66	24	36	6	●
DC150-03-04.650A0-	4,65		17	66	24	36	6	●
DC150-03-04.700A0-	4,7		17	66	24	36	6	●
DC150-03-04.763A0-	4,763	3/16"	20	66	28	36	6	●
DC150-03-04.800A0-	4,8		20	66	28	36	6	●
DC150-03-04.900A0-	4,9		20	66	28	36	6	●
DC150-03-05.000A0-	5		20	66	28	36	6	●
DC150-03-05.100A0-	5,1		20	66	28	36	6	●
DC150-03-05.159A0-	5,159	13/64"	20	66	28	36	6	●
DC150-03-05.200A0-	5,2		20	66	28	36	6	●
DC150-03-05.300A0-	5,3		20	66	28	36	6	●
DC150-03-05.400A0-	5,4		20	66	28	36	6	●
DC150-03-05.500A0-	5,5		20	66	28	36	6	●
DC150-03-05.550A0-	5,55		20	66	28	36	6	●
DC150-03-05.556A0-	5,556	7/32"	20	66	28	36	6	●

Ordering example for the grade WJ30RE: DC150-03-03.000A0-WJ30RE

Tool



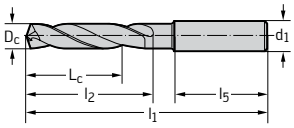
DIN 6535 HA

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-05.600A0-	5,6		20	66	28	36	6	●
DC150-03-05.700A0-	5,7		20	66	28	36	6	●
DC150-03-05.800A0-	5,8		20	66	28	36	6	●
DC150-03-05.900A0-	5,9		20	66	28	36	6	●
DC150-03-05.953A0-	5,953	15/64"	20	66	28	36	6	●
DC150-03-06.000A0-	6		20	66	28	36	6	●
DC150-03-06.100A0-	6,1		24	79	34	36	8	●
DC150-03-06.200A0-	6,2		24	79	34	36	8	●
DC150-03-06.300A0-	6,3		24	79	34	36	8	●
DC150-03-06.350A0-	6,350	1/4"	24	79	34	36	8	●
DC150-03-06.400A0-	6,4		24	79	34	36	8	●
DC150-03-06.500A0-	6,5		24	79	34	36	8	●
DC150-03-06.600A0-	6,6		24	79	34	36	8	●
DC150-03-06.700A0-	6,7		24	79	34	36	8	●
DC150-03-06.747A0-	6,747	17/64"	24	79	34	36	8	●
DC150-03-06.800A0-	6,8		24	79	34	36	8	●
DC150-03-06.900A0-	6,9		24	79	34	36	8	●
DC150-03-07.000A0-	7		24	79	34	36	8	●
DC150-03-07.100A0-	7,1		29	79	41	36	8	●
DC150-03-07.144A0-	7,144	9/32"	29	79	41	36	8	●
DC150-03-07.200A0-	7,2		29	79	41	36	8	●
DC150-03-07.300A0-	7,3		29	79	41	36	8	●
DC150-03-07.400A0-	7,4		29	79	41	36	8	●
DC150-03-07.500A0-	7,5		29	79	41	36	8	●
DC150-03-07.541A0-	7,541	19/64"	29	79	41	36	8	●
DC150-03-07.600A0-	7,6		29	79	41	36	8	●
DC150-03-07.700A0-	7,7		29	79	41	36	8	●
DC150-03-07.800A0-	7,8		29	79	41	36	8	●
DC150-03-07.900A0-	7,9		29	79	41	36	8	●
DC150-03-07.938A0-	7,938	5/16"	29	79	41	36	8	●
DC150-03-08.000A0-	8		29	79	41	36	8	●
DC150-03-08.100A0-	8,1		35	89	47	40	10	●
DC150-03-08.200A0-	8,2		35	89	47	40	10	●
DC150-03-08.300A0-	8,3		35	89	47	40	10	●
DC150-03-08.334A0-	8,334	21/64"	35	89	47	40	10	●
DC150-03-08.400A0-	8,4		35	89	47	40	10	●
DC150-03-08.500A0-	8,5		35	89	47	40	10	●
DC150-03-08.600A0-	8,6		35	89	47	40	10	●
DC150-03-08.700A0-	8,7		35	89	47	40	10	●
DC150-03-08.731A0-	8,731	11/32"	35	89	47	40	10	●
DC150-03-08.800A0-	8,8		35	89	47	40	10	●
DC150-03-08.900A0-	8,9		35	89	47	40	10	●
DC150-03-09.000A0-	9		35	89	47	40	10	●
DC150-03-09.100A0-	9,1		35	89	47	40	10	●
DC150-03-09.200A0-	9,2		35	89	47	40	10	●
DC150-03-09.300A0-	9,3		35	89	47	40	10	●

Ordering example for the grade WJ30RE: DC150-03-03.000A0-WJ30RE

Tool

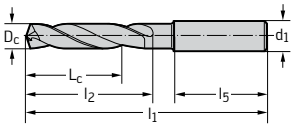


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-09.400A0-	9,4		35	89	47	40	10	●
DC150-03-09.500A0-	9,5		35	89	47	40	10	●
DC150-03-09.525A0-	9,525	3/8"	35	89	47	40	10	●
DC150-03-09.600A0-	9,6		35	89	47	40	10	●
DC150-03-09.700A0-	9,7		35	89	47	40	10	●
DC150-03-09.800A0-	9,8		35	89	47	40	10	●
DC150-03-09.900A0-	9,9		35	89	47	40	10	●
DC150-03-09.922A0-	9,922	25/64"	35	89	47	40	10	●
DC150-03-10.000A0-	10		35	89	47	40	10	●
DC150-03-10.100A0-	10,1		40	102	55	45	12	●
DC150-03-10.200A0-	10,2		40	102	55	45	12	●
DC150-03-10.300A0-	10,3		40	102	55	45	12	●
DC150-03-10.319A0-	10,319	13/32"	40	102	55	45	12	●
DC150-03-10.400A0-	10,4		40	102	55	45	12	●
DC150-03-10.500A0-	10,5		40	102	55	45	12	●
DC150-03-10.600A0-	10,6		40	102	55	45	12	●
DC150-03-10.716A0-	10,716	27/64"	40	102	55	45	12	●
DC150-03-10.800A0-	10,8		40	102	55	45	12	●
DC150-03-11.000A0-	11		40	102	55	45	12	●
DC150-03-11.100A0-	11,1		40	102	55	45	12	●
DC150-03-11.113A0-	11,113	7/16"	40	102	55	45	12	●
DC150-03-11.200A0-	11,2		40	102	55	45	12	●
DC150-03-11.300A0-	11,3		40	102	55	45	12	●
DC150-03-11.400A0-	11,4		40	102	55	45	12	●
DC150-03-11.500A0-	11,5		40	102	55	45	12	●
DC150-03-11.509A0-	11,509	29/64"	40	102	55	45	12	●
DC150-03-11.700A0-	11,7		40	102	55	45	12	●
DC150-03-11.800A0-	11,8		40	102	55	45	12	●
DC150-03-11.900A0-	11,9		40	102	55	45	12	●
DC150-03-12.000A0-	12		40	102	55	45	12	●
DC150-03-12.100A0-	12,1		43	107	60	45	14	●
DC150-03-12.200A0-	12,2		43	107	60	45	14	●
DC150-03-12.250A0-	12,25		43	107	60	45	14	●
DC150-03-12.300A0-	12,3		43	107	60	45	14	●
DC150-03-12.303A0-	12,303	31/64"	43	107	60	45	14	●
DC150-03-12.500A0-	12,5		43	107	60	45	14	●
DC150-03-12.700A0-	12,700	1/2"	43	107	60	45	14	●
DC150-03-12.800A0-	12,8		43	107	60	45	14	●
DC150-03-13.000A0-	13		43	107	60	45	14	●
DC150-03-13.100A0-	13,1		43	107	60	45	14	●
DC150-03-13.300A0-	13,3		43	107	60	45	14	●
DC150-03-13.494A0-	13,494	17/32"	43	107	60	45	14	●
DC150-03-13.500A0-	13,5		43	107	60	45	14	●
DC150-03-14.000A0-	14		43	107	60	45	14	●
DC150-03-14.200A0-	14,2		45	115	65	48	16	●
DC150-03-14.288A0-	14,288	9/16"	45	115	65	48	16	●

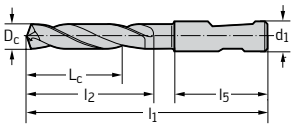
Ordering example for the grade WJ30RE: DC150-03-03.000A0-WJ30RE

Tool



DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-14.500A0-	14,5		45	115	65	48	16	
DC150-03-14.700A0-	14,7		45	115	65	48	16	
DC150-03-14.800A0-	14,8		45	115	65	48	16	
DC150-03-15.000A0-	15		45	115	65	48	16	
DC150-03-15.100A0-	15,1		45	115	65	48	16	
DC150-03-15.500A0-	15,5		45	115	65	48	16	
DC150-03-15.800A0-	15,8		45	115	65	48	16	
DC150-03-15.875A0-	15,875	5/8"	45	115	65	48	16	
DC150-03-16.000A0-	16		45	115	65	48	16	
DC150-03-16.500A0-	16,5		51	123	73	48	18	
DC150-03-16.750A0-	16,75		51	123	73	48	18	
DC150-03-17.000A0-	17		51	123	73	48	18	
DC150-03-17.500A0-	17,5		51	123	73	48	18	
DC150-03-17.800A0-	17,8		51	123	73	48	18	
DC150-03-18.000A0-	18		51	123	73	48	18	
DC150-03-19.000A0-	19		55	131	79	50	20	
DC150-03-20.000A0-	20		55	131	79	50	20	

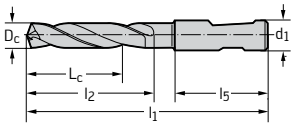


DIN 6535 HE, turned 180° DIN 6535 HB

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-03.000D0-	3		14	62	20	36	6	
DC150-03-03.100D0-	3,1		14	62	20	36	6	
DC150-03-03.200D0-	3,2		14	62	20	36	6	
DC150-03-03.300D0-	3,3		14	62	20	36	6	
DC150-03-03.400D0-	3,4		14	62	20	36	6	
DC150-03-03.500D0-	3,5		14	62	20	36	6	
DC150-03-03.600D0-	3,6		14	62	20	36	6	
DC150-03-03.700D0-	3,7		14	62	20	36	6	
DC150-03-03.800D0-	3,8		17	66	24	36	6	
DC150-03-03.900D0-	3,9		17	66	24	36	6	
DC150-03-04.000D0-	4		17	66	24	36	6	
DC150-03-04.200D0-	4,2		17	66	24	36	6	
DC150-03-04.300D0-	4,3		17	66	24	36	6	
DC150-03-04.500D0-	4,5		17	66	24	36	6	
DC150-03-04.650D0-	4,65		17	66	24	36	6	
DC150-03-04.700D0-	4,7		17	66	24	36	6	
DC150-03-04.800D0-	4,8		20	66	28	36	6	
DC150-03-05.000D0-	5		20	66	28	36	6	
DC150-03-05.100D0-	5,1		20	66	28	36	6	
DC150-03-05.300D0-	5,3		20	66	28	36	6	
DC150-03-05.500D0-	5,5		20	66	28	36	6	
DC150-03-05.550D0-	5,55		20	66	28	36	6	
DC150-03-05.600D0-	5,6		20	66	28	36	6	
DC150-03-05.800D0-	5,8		20	66	28	36	6	
DC150-03-06.000D0-	6		20	66	28	36	6	
DC150-03-06.100D0-	6,1		24	79	34	36	8	
DC150-03-06.200D0-	6,2		24	79	34	36	8	
DC150-03-06.300D0-	6,3		24	79	34	36	8	
DC150-03-06.500D0-	6,5		24	79	34	36	8	

Ordering example for the grade WJ30RE: DC150-03-03.000A0-WJ30RE

Tool

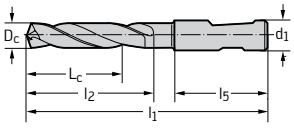


DIN 6535 HE, turned 180° DIN 6535 HB

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-06.600D0-	6,6		24	79	34	36	8	
DC150-03-06.700D0-	6,7		24	79	34	36	8	
DC150-03-06.800D0-	6,8		24	79	34	36	8	
DC150-03-07.000D0-	7		24	79	34	36	8	
DC150-03-07.100D0-	7,1		29	79	41	36	8	
DC150-03-07.400D0-	7,4		29	79	41	36	8	
DC150-03-07.500D0-	7,5		29	79	41	36	8	
DC150-03-07.600D0-	7,6		29	79	41	36	8	
DC150-03-07.800D0-	7,8		29	79	41	36	8	
DC150-03-08.000D0-	8		29	79	41	36	8	
DC150-03-08.200D0-	8,2		35	89	47	40	10	
DC150-03-08.300D0-	8,3		35	89	47	40	10	
DC150-03-08.500D0-	8,5		35	89	47	40	10	
DC150-03-08.600D0-	8,6		35	89	47	40	10	
DC150-03-08.700D0-	8,7		35	89	47	40	10	
DC150-03-08.800D0-	8,8		35	89	47	40	10	
DC150-03-09.000D0-	9		35	89	47	40	10	
DC150-03-09.100D0-	9,1		35	89	47	40	10	
DC150-03-09.500D0-	9,5		35	89	47	40	10	
DC150-03-09.700D0-	9,5		35	89	47	40	10	
DC150-03-09.800D0-	9,8		35	89	47	40	10	
DC150-03-10.000D0-	10		35	89	47	40	10	
DC150-03-10.100D0-	10,1		40	102	55	45	12	
DC150-03-10.200D0-	10,2		40	102	55	45	12	
DC150-03-10.300D0-	10,3		40	102	55	45	12	
DC150-03-10.400D0-	10,4		40	102	55	45	12	
DC150-03-10.500D0-	10,5		40	102	55	45	12	
DC150-03-10.800D0-	10,8		40	102	55	45	12	
DC150-03-10.900D0-	10,9		40	102	55	45	12	
DC150-03-11.000D0-	11		40	102	55	45	12	
DC150-03-11.100D0-	11,1		40	102	55	45	12	
DC150-03-11.200D0-	11,2		40	102	55	45	12	
DC150-03-11.300D0-	11,3		40	102	55	45	12	
DC150-03-11.500D0-	11,5		40	102	55	45	12	
DC150-03-11.600D0-	11,6		40	102	55	45	12	
DC150-03-11.800D0-	11,8		40	102	55	45	12	
DC150-03-12.000D0-	12		40	102	55	45	12	
DC150-03-12.200D0-	12,2		43	107	60	45	14	
DC150-03-12.500D0-	12,5		43	107	60	45	14	
DC150-03-13.000D0-	13		43	107	60	45	14	
DC150-03-13.200D0-	13,2		43	107	60	45	14	
DC150-03-13.300D0-	13,3		43	107	60	45	14	
DC150-03-13.400D0-	13,4		43	107	60	45	14	
DC150-03-13.500D0-	13,5		43	107	60	45	14	
DC150-03-13.600D0-	13,6		43	107	60	45	14	
DC150-03-13.800D0-	13,8		43	107	60	45	14	

Ordering example for the grade WJ30RE: DC150-03-03.000A0-WJ30RE

Tool



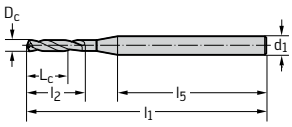
DIN 6535 HE, turned 180° DIN 6535 HB

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-14.000D0-	14		43	107	60	45	14	●
DC150-03-15.000D0-	15		45	115	65	48	16	●
DC150-03-15.100D0-	15,1		45	115	65	48	16	●
DC150-03-16.000D0-	16		45	115	65	48	16	●
DC150-03-16.500D0-	16,5		51	123	73	48	18	●
DC150-03-17.000D0-	17		51	123	73	48	18	●
DC150-03-17.500D0-	17,5		51	123	73	48	18	●
DC150-03-18.000D0-	18		51	123	73	48	18	●
DC150-03-18.500D0-	18,5		55	131	79	50	20	●
DC150-03-19.000D0-	19		55	131	79	50	20	●
DC150-03-20.000D0-	20		55	131	79	50	20	●

Ordering example for the grade WJ30RE: DC150-03-03.000A0-WJ30RE

Solid carbide micro twist drills
DB133 Supreme

Tool

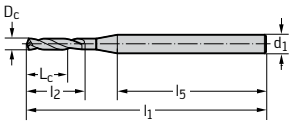


DIN 6535 HA

Designation	D_c m7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EL
DB133-05-00.500A0-	0,5		3,2	47	4	36	3	●
DB133-05-00.550A0-	0,55		4,1	47	5	35	3	●
DB133-05-00.600A0-	0,6		4,1	47	5	35	3	●
DB133-05-00.650A0-	0,65		5	47	6	34	3	●
DB133-05-00.700A0-	0,7		4,9	48	6	35	3	●
DB133-05-00.750A0-	0,75		5,8	48	7	34	3	●
DB133-05-00.794A0-	0,794	1/32"	5,8	48	7	34	3	●
DB133-05-00.800A0-	0,8		5,8	48	7	34	3	●
DB133-05-00.850A0-	0,85		6,6	50	8	35	3	●
DB133-05-00.880A0-	0,88		6,6	50	8	35	3	●
DB133-05-00.900A0-	0,9		6,6	50	8	35	3	●
DB133-05-00.950A0-	0,95		7,5	50	9	34	3	●
DB133-05-01.000A0-	1		7,5	50	9	34	3	●
DB133-05-01.050A0-	1,05		7	51	9	36	3	●
DB133-05-01.080A0-	1,08		7	51	9	36	3	●
DB133-05-01.100A0-	1,1		7	51	9	36	3	●
DB133-05-01.150A0-	1,15		8	51	10	35	3	●
DB133-05-01.191A0-	1,191	3/64"	8	51	10	35	3	●
DB133-05-01.200A0-	1,2		8	51	10	35	3	●
DB133-05-01.250A0-	1,25		9	51	11	34	3	●
DB133-05-01.300A0-	1,3		9	53	11	36	3	●
DB133-05-01.350A0-	1,35		9	53	12	35	3	●
DB133-05-01.400A0-	1,4		9	53	12	35	3	●
DB133-05-01.450A0-	1,45		10	53	13	34	3	●
DB133-05-01.500A0-	1,5		10	53	13	34	3	●
DB133-05-01.550A0-	1,55		11	54	14	35	3	●
DB133-05-01.588A0-	1,588	1/16"	11	54	14	35	3	●
DB133-05-01.600A0-	1,6		11	54	14	35	3	●
DB133-05-01.650A0-	1,65		11	54	14	35	3	●
DB133-05-01.700A0-	1,7		11	54	14	35	3	●
DB133-05-01.750A0-	1,75		12	54	15	34	3	●
DB133-05-01.800A0-	1,8		12	54	15	34	3	●
DB133-05-01.820A0-	1,82		13	57	16	36	3	●
DB133-05-01.850A0-	1,85		13	57	16	36	3	●
DB133-05-01.900A0-	1,9		13	57	16	36	3	●
DB133-05-01.950A0-	1,95		14	57	17	35	3	●

Ordering example for the grade WJ30EL: DB133-05-00.500A0-WJ30EL

Tool



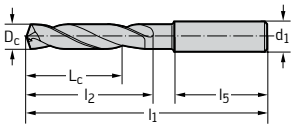
DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EL
DB133-05-01.984A0-	1,984	5/64"	14	57	17	35	3	
DB133-05-02.000A0-	2		14	57	17	35	3	
DB133-05-02.050A0-	2,05		14	57	18	35	3	
DB133-05-02.100A0-	2,1		14	57	18	35	3	
DB133-05-02.150A0-	2,15		15	57	19	34	3	
DB133-05-02.200A0-	2,2		15	57	19	34	3	
DB133-05-02.250A0-	2,25		16	59	20	35	3	
DB133-05-02.300A0-	2,3		16	59	20	35	3	
DB133-05-02.350A0-	2,35		16	59	20	35	3	
DB133-05-02.381A0-	2,381	3/32"	16	59	20	35	3	
DB133-05-02.400A0-	2,4		16	59	20	35	3	
DB133-05-02.450A0-	2,45		17	59	21	34	3	
DB133-05-02.500A0-	2,5		17	59	21	34	3	
DB133-05-02.550A0-	2,55		18	62	22	36	3	
DB133-05-02.600A0-	2,6		18	62	22	36	3	
DB133-05-02.650A0-	2,65		18	62	23	36	3	
DB133-05-02.700A0-	2,7		18	62	23	36	3	
DB133-05-02.750A0-	2,75		19	62	24	35	3	
DB133-05-02.778A0-	2,778	7/64"	19	62	24	35	3	
DB133-05-02.800A0-	2,8		19	62	24	35	3	
DB133-05-02.850A0-	2,85		20	62	25	34	3	
DB133-05-02.900A0-	2,9		20	62	25	34	3	
DB133-05-02.950A0-	2,95		20	62	25	34	3	

Ordering example for the grade WJ30EL: DB133-05-00.500A0-WJ30EL

Solid carbide twist drills
DC160 Advance
X-treme Evo

Tool

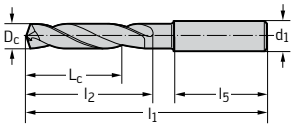


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-03.000A0-	3		23	66	28	36	6	●
DC160-05-03.100A0-	3,1		23	66	28	36	6	●
DC160-05-03.175A0-	3,175	1/8"	23	66	28	36	6	●
DC160-05-03.200A0-	3,2		23	66	28	36	6	●
DC160-05-03.250A0-	3,25		23	66	28	36	6	●
DC160-05-03.300A0-	3,3		23	66	28	36	6	●
DC160-05-03.400A0-	3,4		23	66	28	36	6	●
DC160-05-03.500A0-	3,5		23	66	28	36	6	●
DC160-05-03.572A0-	3,572	9/64"	23	66	28	36	6	●
DC160-05-03.600A0-	3,6		23	66	28	36	6	●
DC160-05-03.650A0-	3,65		23	66	28	36	6	●
DC160-05-03.700A0-	3,7		23	66	28	36	6	●
DC160-05-03.800A0-	3,8		29	74	36	36	6	●
DC160-05-03.900A0-	3,9		29	74	36	36	6	●
DC160-05-03.969A0-	3,969	5/32"	29	74	36	36	6	●
DC160-05-04.000A0-	4		29	74	36	36	6	●
DC160-05-04.100A0-	4,1		29	74	36	36	6	●
DC160-05-04.200A0-	4,2		29	74	36	36	6	●
DC160-05-04.300A0-	4,3		29	74	36	36	6	●
DC160-05-04.366A0-	4,366	11/64"	29	74	36	36	6	●
DC160-05-04.400A0-	4,4		29	74	36	36	6	●
DC160-05-04.500A0-	4,5		29	74	36	36	6	●
DC160-05-04.600A0-	4,6		29	74	36	36	6	●
DC160-05-04.650A0-	4,65		29	74	36	36	6	●
DC160-05-04.700A0-	4,7		29	74	36	36	6	●
DC160-05-04.763A0-	4,763	3/16"	35	82	44	36	6	●
DC160-05-04.800A0-	4,8		35	82	44	36	6	●
DC160-05-04.900A0-	4,9		35	82	44	36	6	●
DC160-05-05.000A0-	5		35	82	44	36	6	●
DC160-05-05.100A0-	5,1		35	82	44	36	6	●
DC160-05-05.159A0-	5,159	13/64"	35	82	44	36	6	●
DC160-05-05.200A0-	5,2		35	82	44	36	6	●
DC160-05-05.300A0-	5,3		35	82	44	36	6	●
DC160-05-05.400A0-	5,4		35	82	44	36	6	●
DC160-05-05.500A0-	5,5		35	82	44	36	6	●
DC160-05-05.550A0-	5,55		35	82	44	36	6	●

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

Tool



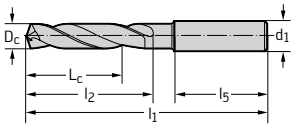
DIN 6535 HA

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-05.556A0-	5,556	7/32"	35	82	44	36	6	●
DC160-05-05.600A0-	5,6		35	82	44	36	6	●
DC160-05-05.700A0-	5,7		35	82	44	36	6	●
DC160-05-05.800A0-	5,8		35	82	44	36	6	●
DC160-05-05.900A0-	5,9		35	82	44	36	6	●
DC160-05-05.953A0-	5,953	15/64"	35	82	44	36	6	●
DC160-05-06.000A0-	6		35	82	44	36	6	●
DC160-05-06.100A0-	6,1		43	91	53	36	8	●
DC160-05-06.200A0-	6,2		43	91	53	36	8	●
DC160-05-06.300A0-	6,3		43	91	53	36	8	●
DC160-05-06.350A0-	6,350	1/4"	43	91	53	36	8	●
DC160-05-06.400A0-	6,4		43	91	53	36	8	●
DC160-05-06.500A0-	6,5		43	91	53	36	8	●
DC160-05-06.600A0-	6,6		43	91	53	36	8	●
DC160-05-06.700A0-	6,7		43	91	53	36	8	●
DC160-05-06.747A0-	6,747	17/64"	43	91	53	36	8	●
DC160-05-06.800A0-	6,8		43	91	53	36	8	●
DC160-05-06.900A0-	6,9		43	91	53	36	8	●
DC160-05-07.000A0-	7		43	91	53	36	8	●
DC160-05-07.100A0-	7,1		43	91	53	36	8	●
DC160-05-07.144A0-	7,144	9/32"	43	91	53	36	8	●
DC160-05-07.200A0-	7,2		43	91	53	36	8	●
DC160-05-07.300A0-	7,3		43	91	53	36	8	●
DC160-05-07.400A0-	7,4		43	91	53	36	8	●
DC160-05-07.500A0-	7,5		43	91	53	36	8	●
DC160-05-07.541A0-	7,541	19/64"	43	91	53	36	8	●
DC160-05-07.550A0-	7,55		43	91	53	36	8	●
DC160-05-07.600A0-	7,6		43	91	53	36	8	●
DC160-05-07.700A0-	7,7		43	91	53	36	8	●
DC160-05-07.800A0-	7,8		43	91	53	36	8	●
DC160-05-07.900A0-	7,9		43	91	53	36	8	●
DC160-05-07.938A0-	7,938	5/16"	43	91	53	36	8	●
DC160-05-08.000A0-	8		43	91	53	36	8	●
DC160-05-08.100A0-	8,1		49	103	61	40	10	●
DC160-05-08.200A0-	8,2		49	103	61	40	10	●
DC160-05-08.300A0-	8,3		49	103	61	40	10	●
DC160-05-08.334A0-	8,334	21/64"	49	103	61	40	10	●
DC160-05-08.400A0-	8,4		49	103	61	40	10	●
DC160-05-08.500A0-	8,5		49	103	61	40	10	●
DC160-05-08.600A0-	8,6		49	103	61	40	10	●
DC160-05-08.700A0-	8,7		49	103	61	40	10	●
DC160-05-08.731A0-	8,731	11/32"	49	103	61	40	10	●
DC160-05-08.800A0-	8,8		49	103	61	40	10	●
DC160-05-08.900A0-	8,9		49	103	61	40	10	●
DC160-05-09.000A0-	9		49	103	61	40	10	●
DC160-05-09.100A0-	9,1		49	103	61	40	10	●

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

Tool



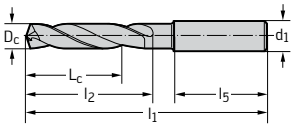
DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-09.128A0-	9,128	23/64"	49	103	61	40	10	●
DC160-05-09.300A0-	9,3		49	103	61	40	10	●
DC160-05-09.400A0-	9,4		49	103	61	40	10	●
DC160-05-09.500A0-	9,5		49	103	61	40	10	●
DC160-05-09.525A0-	9,525	3/8"	49	103	61	40	10	●
DC160-05-09.550A0-	9,55		49	103	61	40	10	●
DC160-05-09.600A0-	9,6		49	103	61	40	10	●
DC160-05-09.700A0-	9,7		49	103	61	40	10	●
DC160-05-09.800A0-	9,8		49	103	61	40	10	●
DC160-05-09.900A0-	9,9		49	103	61	40	10	●
DC160-05-09.922A0-	9,922	25/64"	49	103	61	40	10	●
DC160-05-10.000A0-	10		49	103	61	40	10	●
DC160-05-10.100A0-	10,1		56	118	71	45	12	●
DC160-05-10.200A0-	10,2		56	118	71	45	12	●
DC160-05-10.300A0-	10,3		56	118	71	45	12	●
DC160-05-10.319A0-	10,319	13/32"	56	118	71	45	12	●
DC160-05-10.400A0-	10,4		56	118	71	45	12	●
DC160-05-10.500A0-	10,5		56	118	71	45	12	●
DC160-05-10.600A0-	10,6		56	118	71	45	12	●
DC160-05-10.700A0-	10,7		56	118	71	45	12	●
DC160-05-10.716A0-	10,716	27/64"	56	118	71	45	12	●
DC160-05-10.800A0-	10,8		56	118	71	45	12	●
DC160-05-10.900A0-	10,9		56	118	71	45	12	●
DC160-05-11.000A0-	11		56	118	71	45	12	●
DC160-05-11.100A0-	11,1		56	118	71	45	12	●
DC160-05-11.113A0-	11,113	7/16"	56	118	71	45	12	●
DC160-05-11.200A0-	11,2		56	118	71	45	12	●
DC160-05-11.400A0-	11,4		56	118	71	45	12	●
DC160-05-11.500A0-	11,5		56	118	71	45	12	●
DC160-05-11.509A0-	11,509	29/64"	56	118	71	45	12	●
DC160-05-11.550A0-	11,55		56	118	71	45	12	●
DC160-05-11.600A0-	11,6		56	118	71	45	12	●
DC160-05-11.700A0-	11,7		56	118	71	45	12	●
DC160-05-11.800A0-	11,8		56	118	71	45	12	●
DC160-05-11.906A0-	11,906	15/32"	56	118	71	45	12	●
DC160-05-12.000A0-	12		56	118	71	45	12	●
DC160-05-12.100A0-	12,1		60	124	77	45	14	●
DC160-05-12.200A0-	12,2		60	124	77	45	14	●
DC160-05-12.250A0-	12,25		60	124	77	45	14	●
DC160-05-12.300A0-	12,3		60	124	77	45	14	●
DC160-05-12.400A0-	12,4		60	124	77	45	14	●
DC160-05-12.500A0-	12,5		60	124	77	45	14	●
DC160-05-12.600A0-	12,6		60	124	77	45	14	●
DC160-05-12.700A0-	12,700	1/2"	60	124	77	45	14	●
DC160-05-12.750A0-	12,75		60	124	77	45	14	●
DC160-05-12.800A0-	12,8		60	124	77	45	14	●

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

B1

Tool



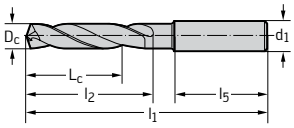
DIN 6535 HA

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-12.900A0-	12,9		60	124	77	45	14	●
DC160-05-13.000A0-	13		60	124	77	45	14	●
DC160-05-13.100A0-	13,1		60	124	77	45	14	●
DC160-05-13.200A0-	13,2		60	124	77	45	14	●
DC160-05-13.300A0-	13,3		60	124	77	45	14	●
DC160-05-13.400A0-	13,4		60	124	77	45	14	●
DC160-05-13.494A0-	13,494	17/32"	60	124	77	45	14	●
DC160-05-13.500A0-	13,5		60	124	77	45	14	●
DC160-05-13.600A0-	13,6		60	124	77	45	14	●
DC160-05-13.700A0-	13,7		60	124	77	45	14	●
DC160-05-13.800A0-	13,8		60	124	77	45	14	●
DC160-05-13.900A0-	13,9		60	124	77	45	14	●
DC160-05-14.000A0-	14		60	124	77	45	14	●
DC160-05-14.100A0-	14,1		63	133	83	48	16	●
DC160-05-14.200A0-	14,2		63	133	83	48	16	●
DC160-05-14.288A0-	14,288	9/16"	63	133	83	48	16	●
DC160-05-14.500A0-	14,5		63	133	83	48	16	●
DC160-05-14.600A0-	14,6		63	133	83	48	16	●
DC160-05-14.700A0-	14,7		63	133	83	48	16	●
DC160-05-14.750A0-	14,75		63	133	83	48	16	●
DC160-05-14.800A0-	14,8		63	133	83	48	16	●
DC160-05-15.000A0-	15		63	133	83	48	16	●
DC160-05-15.100A0-	15,1		63	133	83	48	16	●
DC160-05-15.200A0-	15,2		63	133	83	48	16	●
DC160-05-15.300A0-	15,3		63	133	83	48	16	●
DC160-05-15.500A0-	15,5		63	133	83	48	16	●
DC160-05-15.700A0-	15,7		63	133	83	48	16	●
DC160-05-15.800A0-	15,8		63	133	83	48	16	●
DC160-05-15.875A0-	15,875	5/8"	63	133	83	48	16	●
DC160-05-15.900A0-	15,9		63	133	83	48	16	●
DC160-05-16.000A0-	16		63	133	83	48	16	●
DC160-05-16.100A0-	16,1		71	143	93	48	18	●
DC160-05-16.300A0-	16,3		71	143	93	48	18	●
DC160-05-16.500A0-	16,5		71	143	93	48	18	●
DC160-05-16.600A0-	16,6		71	143	93	48	18	●
DC160-05-16.700A0-	16,7		71	143	93	48	18	●
DC160-05-16.750A0-	16,75		71	143	93	48	18	●
DC160-05-16.800A0-	16,8		71	143	93	48	18	●
DC160-05-17.000A0-	17		71	143	93	48	18	●
DC160-05-17.500A0-	17,5		71	143	93	48	18	●
DC160-05-17.700A0-	17,7		71	143	93	48	18	●
DC160-05-17.800A0-	17,8		71	143	93	48	18	●
DC160-05-18.000A0-	18		71	143	93	48	18	●
DC160-05-18.200A0-	18,2		77	153	101	50	20	●
DC160-05-18.700A0-	18,7		77	153	101	50	20	●
DC160-05-18.800A0-	18,8		77	153	101	50	20	●

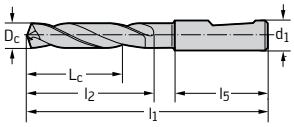
Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

Tool



DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-19.000A0-	19		77	153	101	50	20	●
DC160-05-19.050A0-	19,050	3/4"	77	153	101	50	20	●
DC160-05-20.000A0-	20		77	153	101	50	20	●
DC160-05-20.500A0-	20,5		86	166	108	56	25	●
DC160-05-21.000A0-	21		86	166	108	56	25	●
DC160-05-21.500A0-	21,5		86	166	108	56	25	●
DC160-05-22.000A0-	22		86	166	108	56	25	●
DC160-05-22.500A0-	22,5		91	173	115	56	25	●
DC160-05-23.000A0-	23		91	173	115	56	25	●
DC160-05-23.500A0-	23,5		91	173	115	56	25	●
DC160-05-24.000A0-	24		91	173	115	56	25	●
DC160-05-24.500A0-	24,5		97	180	122	56	25	●
DC160-05-25.000A0-	25		97	180	122	56	25	●

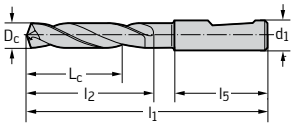


DIN 6535 HE

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-03.000F0-	3		23	66	28	36	6	●
DC160-05-03.100F0-	3,1		23	66	28	36	6	●
DC160-05-03.200F0-	3,2		23	66	28	36	6	●
DC160-05-03.250F0-	3,25		23	66	28	36	6	●
DC160-05-03.300F0-	3,3		23	66	28	36	6	●
DC160-05-03.400F0-	3,4		23	66	28	36	6	●
DC160-05-03.500F0-	3,5		23	66	28	36	6	●
DC160-05-03.600F0-	3,6		23	66	28	36	6	●
DC160-05-03.650F0-	3,65		23	66	28	36	6	●
DC160-05-03.700F0-	3,7		23	66	28	36	6	●
DC160-05-03.800F0-	3,8		29	74	36	36	6	●
DC160-05-03.900F0-	3,9		29	74	36	36	6	●
DC160-05-04.000F0-	4		29	74	36	36	6	●
DC160-05-04.100F0-	4,1		29	74	36	36	6	●
DC160-05-04.200F0-	4,2		29	74	36	36	6	●
DC160-05-04.300F0-	4,3		29	74	36	36	6	●
DC160-05-04.400F0-	4,4		29	74	36	36	6	●
DC160-05-04.500F0-	4,5		29	74	36	36	6	●
DC160-05-04.600F0-	4,6		29	74	36	36	6	●
DC160-05-04.650F0-	4,65		29	74	36	36	6	●
DC160-05-04.700F0-	4,7		29	74	36	36	6	●
DC160-05-04.800F0-	4,8		35	82	44	36	6	●
DC160-05-04.900F0-	4,9		35	82	44	36	6	●
DC160-05-05.000F0-	5		35	82	44	36	6	●
DC160-05-05.100F0-	5,1		35	82	44	36	6	●
DC160-05-05.200F0-	5,2		35	82	44	36	6	●
DC160-05-05.300F0-	5,3		35	82	44	36	6	●
DC160-05-05.400F0-	5,4		35	82	44	36	6	●
DC160-05-05.500F0-	5,5		35	82	44	36	6	●
DC160-05-05.550F0-	5,55		35	82	44	36	6	●
DC160-05-05.600F0-	5,6		35	82	44	36	6	●
DC160-05-05.700F0-	5,7		35	82	44	36	6	●
DC160-05-05.800F0-	5,8		35	82	44	36	6	●

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

Tool



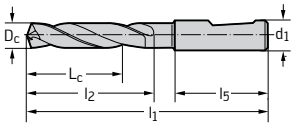
DIN 6535 HE

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-05.900F0-	5,9		35	82	44	36	6	
DC160-05-06.000F0-	6		35	82	44	36	6	
DC160-05-06.100F0-	6,1		43	91	53	36	8	
DC160-05-06.200F0-	6,2		43	91	53	36	8	
DC160-05-06.300F0-	6,3		43	91	53	36	8	
DC160-05-06.400F0-	6,4		43	91	53	36	8	
DC160-05-06.500F0-	6,5		43	91	53	36	8	
DC160-05-06.600F0-	6,6		43	91	53	36	8	
DC160-05-06.700F0-	6,7		43	91	53	36	8	
DC160-05-06.800F0-	6,8		43	91	53	36	8	
DC160-05-06.900F0-	6,9		43	91	53	36	8	
DC160-05-07.000F0-	7		43	91	53	36	8	
DC160-05-07.100F0-	7,1		43	91	53	36	8	
DC160-05-07.200F0-	7,2		43	91	53	36	8	
DC160-05-07.300F0-	7,3		43	91	53	36	8	
DC160-05-07.400F0-	7,4		43	91	53	36	8	
DC160-05-07.500F0-	7,5		43	91	53	36	8	
DC160-05-07.550F0-	7,55		43	91	53	36	8	
DC160-05-07.600F0-	7,6		43	91	53	36	8	
DC160-05-07.700F0-	7,7		43	91	53	36	8	
DC160-05-07.800F0-	7,8		43	91	53	36	8	
DC160-05-07.900F0-	7,9		43	91	53	36	8	
DC160-05-08.000F0-	8		43	91	53	36	8	
DC160-05-08.100F0-	8,1		49	103	61	40	10	
DC160-05-08.200F0-	8,2		49	103	61	40	10	
DC160-05-08.300F0-	8,3		49	103	61	40	10	
DC160-05-08.400F0-	8,4		49	103	61	40	10	
DC160-05-08.500F0-	8,5		49	103	61	40	10	
DC160-05-08.600F0-	8,6		49	103	61	40	10	
DC160-05-08.700F0-	8,7		49	103	61	40	10	
DC160-05-08.800F0-	8,8		49	103	61	40	10	
DC160-05-08.900F0-	8,9		49	103	61	40	10	
DC160-05-09.000F0-	9		49	103	61	40	10	
DC160-05-09.100F0-	9,1		49	103	61	40	10	
DC160-05-09.200F0-	9,2		49	103	61	40	10	
DC160-05-09.300F0-	9,3		49	103	61	40	10	
DC160-05-09.400F0-	9,4		49	103	61	40	10	
DC160-05-09.500F0-	9,5		49	103	61	40	10	
DC160-05-09.550F0-	9,55		49	103	61	40	10	
DC160-05-09.600F0-	9,6		49	103	61	40	10	
DC160-05-09.700F0-	9,7		49	103	61	40	10	
DC160-05-09.800F0-	9,8		49	103	61	40	10	
DC160-05-09.900F0-	9,9		49	103	61	40	10	
DC160-05-10.000F0-	10		49	103	61	40	10	
DC160-05-10.100F0-	10,1		56	118	71	45	12	
DC160-05-10.200F0-	10,2		56	118	71	45	12	

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

Tool

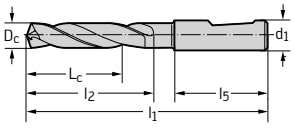


DIN 6535 HE

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-10.300F0-	10,3		56	118	71	45	12	●
DC160-05-10.400F0-	10,4		56	118	71	45	12	●
DC160-05-10.500F0-	10,5		56	118	71	45	12	●
DC160-05-10.600F0-	10,6		56	118	71	45	12	●
DC160-05-10.700F0-	10,7		56	118	71	45	12	●
DC160-05-10.800F0-	10,8		56	118	71	45	12	●
DC160-05-10.900F0-	10,9		56	118	71	45	12	●
DC160-05-11.000F0-	11		56	118	71	45	12	●
DC160-05-11.100F0-	11,1		56	118	71	45	12	●
DC160-05-11.200F0-	11,2		56	118	71	45	12	●
DC160-05-11.300F0-	11,3		56	118	71	45	12	●
DC160-05-11.400F0-	11,4		56	118	71	45	12	●
DC160-05-11.500F0-	11,5		56	118	71	45	12	●
DC160-05-11.550F0-	11,55		56	118	71	45	12	●
DC160-05-11.600F0-	11,6		56	118	71	45	12	●
DC160-05-11.700F0-	11,7		56	118	71	45	12	●
DC160-05-11.800F0-	11,8		56	118	71	45	12	●
DC160-05-11.900F0-	11,9		56	118	71	45	12	●
DC160-05-12.000F0-	12		56	118	71	45	12	●
DC160-05-12.100F0-	12,1		60	124	77	45	14	●
DC160-05-12.200F0-	12,2		60	124	77	45	14	●
DC160-05-12.250F0-	12,25		60	124	77	45	14	●
DC160-05-12.300F0-	12,3		60	124	77	45	14	●
DC160-05-12.400F0-	12,4		60	124	77	45	14	●
DC160-05-12.500F0-	12,5		60	124	77	45	14	●
DC160-05-12.600F0-	12,6		60	124	77	45	14	●
DC160-05-12.700F0-	12,700	1/2"	60	124	77	45	14	●
DC160-05-12.750F0-	12,75		60	124	77	45	14	●
DC160-05-12.800F0-	12,8		60	124	77	45	14	●
DC160-05-12.900F0-	12,9		60	124	77	45	14	●
DC160-05-13.000F0-	13		60	124	77	45	14	●
DC160-05-13.100F0-	13,1		60	124	77	45	14	●
DC160-05-13.200F0-	13,2		60	124	77	45	14	●
DC160-05-13.300F0-	13,3		60	124	77	45	14	●
DC160-05-13.400F0-	13,4		60	124	77	45	14	●
DC160-05-13.500F0-	13,5		60	124	77	45	14	●
DC160-05-13.600F0-	13,6		60	124	77	45	14	●
DC160-05-13.700F0-	13,7		60	124	77	45	14	●
DC160-05-13.800F0-	13,8		60	124	77	45	14	●
DC160-05-13.900F0-	13,9		60	124	77	45	14	●
DC160-05-14.000F0-	14		60	124	77	45	14	●
DC160-05-14.100F0-	14,1		63	133	83	48	16	●
DC160-05-14.200F0-	14,2		63	133	83	48	16	●
DC160-05-14.300F0-	14,3		63	133	83	48	16	●
DC160-05-14.400F0-	14,4		63	133	83	48	16	●
DC160-05-14.500F0-	14,5		63	133	83	48	16	●

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

Tool



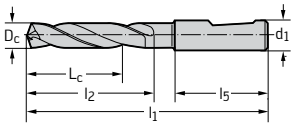
DIN 6535 HE

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-14.600F0-	14,6		63	133	83	48	16	
DC160-05-14.700F0-	14,7		63	133	83	48	16	
DC160-05-14.750F0-	14,75		63	133	83	48	16	
DC160-05-14.800F0-	14,8		63	133	83	48	16	
DC160-05-15.000F0-	15		63	133	83	48	16	
DC160-05-15.100F0-	15,1		63	133	83	48	16	
DC160-05-15.200F0-	15,2		63	133	83	48	16	
DC160-05-15.300F0-	15,3		63	133	83	48	16	
DC160-05-15.500F0-	15,5		63	133	83	48	16	
DC160-05-15.600F0-	15,6		63	133	83	48	16	
DC160-05-15.700F0-	15,7		63	133	83	48	16	
DC160-05-15.800F0-	15,8		63	133	83	48	16	
DC160-05-15.900F0-	15,9		63	133	83	48	16	
DC160-05-16.000F0-	16		63	133	83	48	16	
DC160-05-16.100F0-	16,1		71	143	93	48	18	
DC160-05-16.200F0-	16,2		71	143	93	48	18	
DC160-05-16.300F0-	16,3		71	143	93	48	18	
DC160-05-16.400F0-	16,4		71	143	93	48	18	
DC160-05-16.500F0-	16,5		71	143	93	48	18	
DC160-05-16.600F0-	16,6		71	143	93	48	18	
DC160-05-16.700F0-	16,7		71	143	93	48	18	
DC160-05-16.750F0-	16,75		71	143	93	48	18	
DC160-05-16.800F0-	16,8		71	143	93	48	18	
DC160-05-17.000F0-	17		71	143	93	48	18	
DC160-05-17.200F0-	17,2		71	143	93	48	18	
DC160-05-17.300F0-	17,3		71	143	93	48	18	
DC160-05-17.500F0-	17,5		71	143	93	48	18	
DC160-05-17.600F0-	17,6		71	143	93	48	18	
DC160-05-17.700F0-	17,7		71	143	93	48	18	
DC160-05-17.800F0-	17,8		71	143	93	48	18	
DC160-05-18.000F0-	18		71	143	93	48	18	
DC160-05-18.200F0-	18,2		77	153	101	50	20	
DC160-05-18.500F0-	18,5		77	153	101	50	20	
DC160-05-18.700F0-	18,7		77	153	101	50	20	
DC160-05-18.800F0-	18,8		77	153	101	50	20	
DC160-05-19.000F0-	19		77	153	101	50	20	
DC160-05-19.500F0-	19,5		77	153	101	50	20	
DC160-05-19.700F0-	19,7		77	153	101	50	20	
DC160-05-19.800F0-	19,8		77	153	101	50	20	
DC160-05-20.000F0-	20		77	153	101	50	20	
DC160-05-20.500F0-	20,5		86	166	108	56	25	
DC160-05-21.000F0-	21		86	166	108	56	25	
DC160-05-21.500F0-	21,5		86	166	108	56	25	
DC160-05-22.000F0-	22		86	166	108	56	25	
DC160-05-22.500F0-	22,5		91	173	115	56	25	
DC160-05-23.000F0-	23		91	173	115	56	25	

Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

Tool



DIN 6535 HE

Designation	D_c m7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ET
DC160-05-23.500F0-	23,5		91	173	115	56	25	●
DC160-05-24.000F0-	24		91	173	115	56	25	●
DC160-05-24.500F0-	24,5		97	180	122	56	25	●
DC160-05-25.000F0-	25		97	180	122	56	25	●

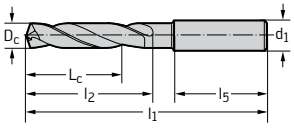
Ordering example for the grade WJ30ET: DC160-05-03.000A0-WJ30ET

B1

Solid carbide twist drills
DC150 Perform

B1

Tool

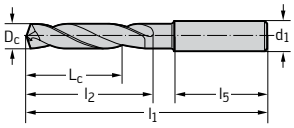


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30TA
DC150-05-03.000A0-	3		23	66	28	36	6	☻
DC150-05-03.100A0-	3,1		23	66	28	36	6	☻
DC150-05-03.175A0-	3,175	1/8"	23	66	28	36	6	☻
DC150-05-03.200A0-	3,2		23	66	28	36	6	☻
DC150-05-03.250A0-	3,25		23	66	28	36	6	☻
DC150-05-03.300A0-	3,3		23	66	28	36	6	☻
DC150-05-03.400A0-	3,4		23	66	28	36	6	☻
DC150-05-03.500A0-	3,5		23	66	28	36	6	☻
DC150-05-03.600A0-	3,6		23	66	28	36	6	☻
DC150-05-03.650A0-	3,65		23	66	28	36	6	☻
DC150-05-03.700A0-	3,7		23	66	28	36	6	☻
DC150-05-03.800A0-	3,8		29	74	36	36	6	☻
DC150-05-03.900A0-	3,9		29	74	36	36	6	☻
DC150-05-03.969A0-	3,969	5/32"	29	74	36	36	6	☻
DC150-05-04.000A0-	4		29	74	36	36	6	☻
DC150-05-04.100A0-	4,1		29	74	36	36	6	☻
DC150-05-04.200A0-	4,2		29	74	36	36	6	☻
DC150-05-04.300A0-	4,3		29	74	36	36	6	☻
DC150-05-04.366A0-	4,366	11/64"	29	74	36	36	6	☻
DC150-05-04.400A0-	4,4		29	74	36	36	6	☻
DC150-05-04.500A0-	4,5		29	74	36	36	6	☻
DC150-05-04.600A0-	4,6		29	74	36	36	6	☻
DC150-05-04.650A0-	4,65		29	74	36	36	6	☻
DC150-05-04.700A0-	4,7		29	74	36	36	6	☻
DC150-05-04.763A0-	4,763	3/16"	35	82	44	36	6	☻
DC150-05-04.800A0-	4,8		35	82	44	36	6	☻
DC150-05-04.900A0-	4,9		35	82	44	36	6	☻
DC150-05-05.000A0-	5		35	82	44	36	6	☻
DC150-05-05.100A0-	5,1		35	82	44	36	6	☻
DC150-05-05.159A0-	5,159	13/64"	35	82	44	36	6	☻
DC150-05-05.200A0-	5,2		35	82	44	36	6	☻
DC150-05-05.300A0-	5,3		35	82	44	36	6	☻
DC150-05-05.400A0-	5,4		35	82	44	36	6	☻
DC150-05-05.500A0-	5,5		35	82	44	36	6	☻
DC150-05-05.550A0-	5,55		35	82	44	36	6	☻
DC150-05-05.556A0-	5,556	7/32"	35	82	44	36	6	☻

Ordering example for the grade WJ30TA: DC150-05-03.000A0-WJ30TA

Tool



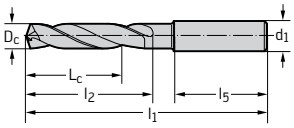
DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30TA
DC150-05-05.600A0-	5,6		35	82	44	36	6	
DC150-05-05.700A0-	5,7		35	82	44	36	6	
DC150-05-05.800A0-	5,8		35	82	44	36	6	
DC150-05-05.900A0-	5,9		35	82	44	36	6	
DC150-05-05.953A0-	5,953	15/64"	35	82	44	36	6	
DC150-05-06.000A0-	6		35	82	44	36	6	
DC150-05-06.100A0-	6,1		43	91	53	36	8	
DC150-05-06.200A0-	6,2		43	91	53	36	8	
DC150-05-06.300A0-	6,3		43	91	53	36	8	
DC150-05-06.350A0-	6,350	1/4"	43	91	53	36	8	
DC150-05-06.400A0-	6,4		43	91	53	36	8	
DC150-05-06.500A0-	6,5		43	91	53	36	8	
DC150-05-06.600A0-	6,6		43	91	53	36	8	
DC150-05-06.700A0-	6,7		43	91	53	36	8	
DC150-05-06.747A0-	6,747	17/64"	43	91	53	36	8	
DC150-05-06.800A0-	6,8		43	91	53	36	8	
DC150-05-06.900A0-	6,9		43	91	53	36	8	
DC150-05-07.000A0-	7		43	91	53	36	8	
DC150-05-07.100A0-	7,1		43	91	53	36	8	
DC150-05-07.144A0-	7,144	9/32"	43	91	53	36	8	
DC150-05-07.200A0-	7,2		43	91	53	36	8	
DC150-05-07.300A0-	7,3		43	91	53	36	8	
DC150-05-07.400A0-	7,4		43	91	53	36	8	
DC150-05-07.500A0-	7,5		43	91	53	36	8	
DC150-05-07.700A0-	7,7		43	91	53	36	8	
DC150-05-07.800A0-	7,8		43	91	53	36	8	
DC150-05-07.900A0-	7,9		43	91	53	36	8	
DC150-05-07.938A0-	7,938	5/16"	43	91	53	36	8	
DC150-05-08.000A0-	8		43	91	53	36	8	
DC150-05-08.100A0-	8,1		49	103	61	40	10	
DC150-05-08.200A0-	8,2		49	103	61	40	10	
DC150-05-08.300A0-	8,3		49	103	61	40	10	
DC150-05-08.334A0-	8,334	21/64"	49	103	61	40	10	
DC150-05-08.400A0-	8,4		49	103	61	40	10	
DC150-05-08.500A0-	8,5		49	103	61	40	10	
DC150-05-08.600A0-	8,6		49	103	61	40	10	
DC150-05-08.700A0-	8,7		49	103	61	40	10	
DC150-05-08.731A0-	8,731	11/32"	49	103	61	40	10	
DC150-05-08.800A0-	8,8		49	103	61	40	10	
DC150-05-08.900A0-	8,9		49	103	61	40	10	
DC150-05-09.000A0-	9		49	103	61	40	10	
DC150-05-09.100A0-	9,1		49	103	61	40	10	
DC150-05-09.128A0-	9,128	23/64"	49	103	61	40	10	
DC150-05-09.200A0-	9,2		49	103	61	40	10	
DC150-05-09.300A0-	9,3		49	103	61	40	10	
DC150-05-09.400A0-	9,4		49	103	61	40	10	

Ordering example for the grade WJ30TA: DC150-05-03.000A0-WJ30TA

B1

Tool



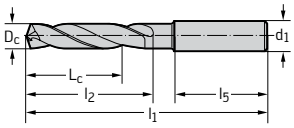
DIN 6535 HA

B1

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30TA
DC150-05-09.500A0-	9,5		49	103	61	40	10	
DC150-05-09.525A0-	9,525	3/8"	49	103	61	40	10	
DC150-05-09.600A0-	9,6		49	103	61	40	10	
DC150-05-09.700A0-	9,7		49	103	61	40	10	
DC150-05-09.800A0-	9,8		49	103	61	40	10	
DC150-05-09.900A0-	9,9		49	103	61	40	10	
DC150-05-09.922A0-	9,922	25/64"	49	103	61	40	10	
DC150-05-10.000A0-	10		49	103	61	40	10	
DC150-05-10.100A0-	10,1		56	118	71	45	12	
DC150-05-10.200A0-	10,2		56	118	71	45	12	
DC150-05-10.300A0-	10,3		56	118	71	45	12	
DC150-05-10.319A0-	10,319	13/32"	56	118	71	45	12	
DC150-05-10.400A0-	10,4		56	118	71	45	12	
DC150-05-10.500A0-	10,5		56	118	71	45	12	
DC150-05-10.600A0-	10,6		56	118	71	45	12	
DC150-05-10.700A0-	10,7		56	118	71	45	12	
DC150-05-10.716A0-	10,716	27/64"	56	118	71	45	12	
DC150-05-10.800A0-	10,8		56	118	71	45	12	
DC150-05-11.000A0-	11		56	118	71	45	12	
DC150-05-11.113A0-	11,113	7/16"	56	118	71	45	12	
DC150-05-11.200A0-	11,2		56	118	71	45	12	
DC150-05-11.500A0-	11,5		56	118	71	45	12	
DC150-05-11.800A0-	11,8		56	118	71	45	12	
DC150-05-11.906A0-	11,906	15/32"	56	118	71	45	12	
DC150-05-12.000A0-	12		56	118	71	45	12	
DC150-05-12.200A0-	12,2		60	124	77	45	14	
DC150-05-12.300A0-	12,3		60	124	77	45	14	
DC150-05-12.400A0-	12,4		60	124	77	45	14	
DC150-05-12.500A0-	12,5		60	124	77	45	14	
DC150-05-12.600A0-	12,6		60	124	77	45	14	
DC150-05-12.700A0-	12,700	1/2"	60	124	77	45	14	
DC150-05-13.000A0-	13		60	124	77	45	14	
DC150-05-13.200A0-	13,2		60	124	77	45	14	
DC150-05-13.494A0-	13,494	17/32"	60	124	77	45	14	
DC150-05-13.500A0-	13,5		60	124	77	45	14	
DC150-05-13.800A0-	13,8		60	124	77	45	14	
DC150-05-14.000A0-	14		60	124	77	45	14	
DC150-05-14.200A0-	14,2		63	133	83	48	16	
DC150-05-14.288A0-	14,288	9/16"	63	133	83	48	16	
DC150-05-14.500A0-	14,5		63	133	83	48	16	
DC150-05-15.000A0-	15		63	133	83	48	16	
DC150-05-15.500A0-	15,5		63	133	83	48	16	
DC150-05-15.800A0-	15,8		63	133	83	48	16	
DC150-05-16.000A0-	16		63	133	83	48	16	
DC150-05-16.500A0-	16,5		71	143	93	48	18	
DC150-05-17.000A0-	17		71	143	93	48	18	

Ordering example for the grade WJ30TA: DC150-05-03.000A0-WJ30TA

Tool



DIN 6535 HA

Designation	D_c m7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30TA
DC150-05-17.500A0-	17,5		71	143	93	48	18	
DC150-05-18.000A0-	18		71	143	93	48	18	
DC150-05-19.000A0-	19		77	153	101	50	20	
DC150-05-19.500A0-	19,5		77	153	101	50	20	
DC150-05-20.000A0-	20		77	153	101	50	20	

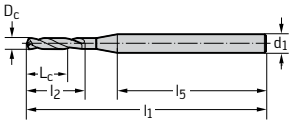
Ordering example for the grade WJ30TA: DC150-05-03.000A0-WJ30TA

B1

Solid carbide micro twist drills
DB133 Supreme

B1

Tool

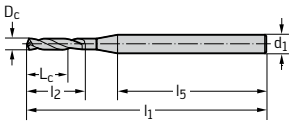


DIN 6535 HA

Designation	D_c m7 mm	D_c Inch/Nr	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ER
DB133-08-00.500A0-	0,5		5,2	48	6	35	3	☻
DB133-08-00.600A0-	0,6		6,1	48	7	34	3	☻
DB133-08-00.700A0-	0,7		6,9	50	8	35	3	☻
DB133-08-00.750A0-	0,75		7,8	50	9	34	3	☻
DB133-08-00.794A0-	0,794	1/32"	7,8	50	9	34	3	☻
DB133-08-00.800A0-	0,8		7,8	50	9	34	3	☻
DB133-08-00.880A0-	0,88		8,6	53	10	36	3	☻
DB133-08-00.900A0-	0,9		8,6	53	10	36	3	☻
DB133-08-00.950A0-	0,95		10,5	53	12	34	3	☻
DB133-08-01.000A0-	1		10,5	53	12	34	3	☻
DB133-08-01.050A0-	1,05		11	54	13	35	3	☻
DB133-08-01.100A0-	1,1		11	54	13	35	3	☻
DB133-08-01.191A0-	1,191	3/64"	12	54	14	34	3	☻
DB133-08-01.200A0-	1,2		12	54	14	34	3	☻
DB133-08-01.250A0-	1,25		12	54	14	34	3	☻
DB133-08-01.300A0-	1,3		13	57	15	36	3	☻
DB133-08-01.350A0-	1,35		13	57	16	35	3	☻
DB133-08-01.400A0-	1,4		13	57	16	35	3	☻
DB133-08-01.450A0-	1,45		14	57	17	34	3	☻
DB133-08-01.500A0-	1,5		14	57	17	34	3	☻
DB133-08-01.550A0-	1,55		15	60	18	37	3	☻
DB133-08-01.588A0-	1,588	1/16"	15	60	18	37	3	☻
DB133-08-01.600A0-	1,6		15	60	18	37	3	☻
DB133-08-01.650A0-	1,65		17	60	20	35	3	☻
DB133-08-01.700A0-	1,7		17	60	20	35	3	☻
DB133-08-01.750A0-	1,75		18	60	21	34	3	☻
DB133-08-01.800A0-	1,8		18	60	21	34	3	☻
DB133-08-01.820A0-	1,82		19	63	22	36	3	☻
DB133-08-01.850A0-	1,85		19	63	22	36	3	☻
DB133-08-01.900A0-	1,9		19	63	22	36	3	☻
DB133-08-01.950A0-	1,95		20	63	23	35	3	☻
DB133-08-01.984A0-	1,984	5/64"	20	63	23	35	3	☻
DB133-08-02.000A0-	2		20	63	23	35	3	☻
DB133-08-02.050A0-	2,05		20	63	24	35	3	☻
DB133-08-02.100A0-	2,1		20	63	24	35	3	☻
DB133-08-02.150A0-	2,15		21	63	25	34	3	☻

Ordering example for the grade WJ30ER: DB133-08-00.500A0-WJ30ER

Tool



DIN 6535 HA

Designation	D_c m7 mm	$D_{c\ Inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30ER
DB133-08-02.200A0-	2,2		21	63	25	34	3	●
DB133-08-02.250A0-	2,25		22	67	26	37	3	●
DB133-08-02.300A0-	2,3		22	67	26	37	3	●
DB133-08-02.350A0-	2,35		24	67	28	35	3	●
DB133-08-02.381A0-	2,381	3/32"	24	67	28	35	3	●
DB133-08-02.400A0-	2,4		24	67	28	35	3	●
DB133-08-02.450A0-	2,45		25	67	29	34	3	●
DB133-08-02.500A0-	2,5		25	67	29	34	3	●
DB133-08-02.550A0-	2,55		26	71	30	37	3	●
DB133-08-02.600A0-	2,6		26	71	30	37	3	●
DB133-08-02.650A0-	2,65		26	71	31	37	3	●
DB133-08-02.700A0-	2,7		26	71	31	37	3	●
DB133-08-02.750A0-	2,75		27	71	32	36	3	●
DB133-08-02.778A0-	2,778	7/64"	27	71	32	36	3	●
DB133-08-02.800A0-	2,8		27	71	32	36	3	●
DB133-08-02.850A0-	2,85		28	71	33	35	3	●
DB133-08-02.900A0-	2,9		28	71	33	35	3	●
DB133-08-02.950A0-	2,95		29	71	34	34	3	●

Ordering example for the grade WJ30ER: DB133-08-00.500A0-WJ30ER

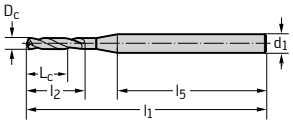
B1

Solid carbide micro pilot drills

DB131 Supreme

B1

Tool



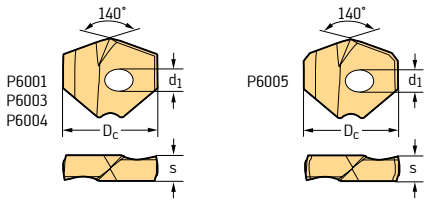
DIN 6535 HA

Designation	D_c p7 mm	$D_{c\ inch/Nr}$	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30EL
DB131-02-00.500A0-	0,5		2,2	47	3	37	3	●
DB131-02-00.600A0-	0,6		2,1	47	3	37	3	●
DB131-02-00.700A0-	0,7		2,9	48	4	39	3	●
DB131-02-00.750A0-	0,75		2,8	48	4	37	3	●
DB131-02-00.794A0-	0,794	1/32"	2,8	48	4	37	3	●
DB131-02-00.800A0-	0,8		2,8	48	4	37	3	●
DB131-02-00.850A0-	0,85		3,6	50	5	38	3	●
DB131-02-00.900A0-	0,9		3,6	50	5	38	3	●
DB131-02-00.950A0-	0,95		3,5	50	5	38	3	●
DB131-02-01.000A0-	1		3,5	50	5	38	3	●
DB131-02-01.050A0-	1,05		4	51	6	39	3	●
DB131-02-01.100A0-	1,1		4	51	6	39	3	●
DB131-02-01.150A0-	1,15		4	51	6	39	3	●
DB131-02-01.191A0-	1,191	3/64"	4	51	6	39	3	●
DB131-02-01.200A0-	1,2		4	51	6	39	3	●
DB131-02-01.250A0-	1,25		4	51	6	39	3	●
DB131-02-01.300A0-	1,3		5	53	7	40	3	●
DB131-02-01.350A0-	1,35		4	53	7	40	3	●
DB131-02-01.400A0-	1,4		4	53	7	40	3	●
DB131-02-01.450A0-	1,45		5	53	8	39	3	●
DB131-02-01.500A0-	1,5		5	53	8	39	3	●
DB131-02-01.550A0-	1,55		5	54	8	41	3	●
DB131-02-01.588A0-	1,588	1/16"	5	54	8	41	3	●
DB131-02-01.600A0-	1,6		5	54	8	41	3	●
DB131-02-01.650A0-	1,65		6	54	9	40	3	●
DB131-02-01.700A0-	1,7		6	54	9	40	3	●
DB131-02-01.750A0-	1,75		6	54	9	40	3	●
DB131-02-01.800A0-	1,8		6	54	9	40	3	●
DB131-02-01.850A0-	1,85		7	57	10	42	3	●
DB131-02-01.900A0-	1,9		7	57	10	42	3	●
DB131-02-01.950A0-	1,95		7	57	10	42	3	●
DB131-02-01.984A0-	1,984	5/64"	7	57	10	42	3	●

Ordering example for the grade WJ30EL: DB131-02-00.500A0-WJ30EL

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

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WPP25	P HC WMP35	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
P6001-D12,00R	1	12	A	3	3,6			😐				
P6001-D12,10R	1	12,1	A	3	3,6			😐				
P6001-D12,20R	1	12,2	A	3	3,6			😐				
P6001-D12,30R	1	12,3	A	3	3,6			😐				
P6001-D12,40R	1	12,4	A	3	3,6			😐				
P6001-D12,50R	1	12,5	A	3	3,6			😐				
P6001-D12,60R	1	12,6	A	3	3,6			😐				
P6001-D12,70R	1	12,7	A	3	3,6			😐				
P6001-D12,80R	1	12,8	A	3	3,6			😐				
P6001-D12,90R	1	12,9	A	3	3,6			😐				
P6001-D13,00R	1	13	A	3	3,6			😐				
P6001-D13,11R	1	13,11	A	3	3,6			😐				
P6001-D13,20R	1	13,2	A	3	3,6			😐				
P6001-D13,30R	1	13,3	A	3	3,6			😐				
P6001-D13,40R	1	13,4	A	3	3,6			😐				
P6001-D13,50R	1	13,5	A	3	3,6			😐				
P6001-D13,60R	1	13,6	A	3	3,6			😐				
P6001-D13,70R	1	13,7	A	3	3,6			😐				
P6001-D13,80R	1	13,8	A	3	3,6			😐				
P6001-D13,89R	1	13,89	A	3	3,6			😐				
P6001-D14,00R	1	14	B	3	4			😐				
P6001-D14,10R	1	14,1	B	3	4			😐				
P6001-D14,20R	1	14,2	B	3	4			😐				
P6001-D14,30R	1	14,3	B	3	4			😐				
P6001-D14,40R	1	14,4	B	3	4			😐				
P6001-D14,50R	1	14,5	B	3	4			😐				
P6001-D14,60R	1	14,6	B	3	4			😐				
P6001-D14,68R	1	14,68	B	3	4			😐				
P6001-D14,80R	1	14,8	B	3	4			😐				
P6001-D14,90R	1	14,9	B	3	4			😐				
P6001-D15,00R	1	15	B	3	4			😐				
P6001-D15,09R	1	15,09	B	3	4			😐				
P6001-D15,20R	1	15,2	B	3	4			😐				
P6001-D15,30R	1	15,3	B	3	4			😐				
P6001-D15,47R	1	15,47	B	3	4			😐				
P6001-D15,50R	1	15,5	B	3	4			😐				
P6001-D15,60R	1	15,6	B	3	4			😐				
P6001-D15,70R	1	15,7	B	3	4			😐				
P6001-D15,80R	1	15,8	B	3	4			😐				
P6001-D15,87R	1	15,87	B	3	4			😐				
P6001-D16,00R	1	16	C	4	4,5			😐				
P6001-D16,13R	1	16,13	C	4	4,5			😐				
P6001-D16,26R	1	16,26	C	4	4,5			😐				

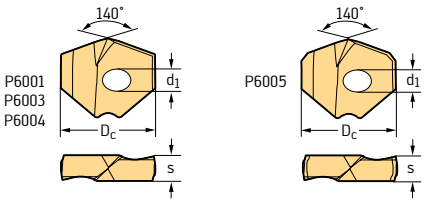
Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

HC = Coated carbide

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

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

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1

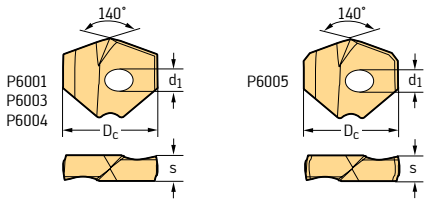
	Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WPP25	P HC WMP35	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
	P6001-D16,43R	1	16,43	C	4	4,5			●				
	P6001-D16,50R	1	16,5	C	4	4,5			●				
	P6001-D16,66R	1	16,66	C	4	4,5			●				
	P6001-D16,70R	1	16,7	C	4	4,5			●				
	P6001-D17,00R	1	17	C	4	4,5			●				
	P6001-D17,07R	1	17,07	C	4	4,5			●				
	P6001-D17,20R	1	17,2	C	4	4,5			●				
	P6001-D17,45R	1	17,45	C	4	4,5			●				
	P6001-D17,50R	1	17,5	C	4	4,5			●				
	P6001-D17,70R	1	17,7	C	4	4,5			●				
	P6001-D17,86R	1	17,86	C	4	4,5			●				
	P6001-D18,00R	1	18	D	4	5			●				
	P6001-D18,24R	1	18,24	D	4	5			●				
	P6001-D18,50R	1	18,5	D	4	5			●				
	P6001-D18,65R	1	18,65	D	4	5			●				
	P6001-D18,70R	1	18,7	D	4	5			●				
	P6001-D18,80R	1	18,8	D	4	5			●				
	P6001-D19,00R	1	19	D	4	5			●				
	P6001-D19,05R	1	19,05	D	4	5			●				
	P6001-D19,20R	1	19,2	D	4	5			●				
	P6001-D19,25R	1	19,25	D	4	5			●				
	P6001-D19,30R	1	19,3	D	4	5			●				
	P6001-D19,43R	1	19,43	D	4	5			●				
	P6001-D19,50R	1	19,5	D	4	5			●				
	P6001-D19,60R	1	19,6	D	4	5			●				
	P6001-D19,70R	1	19,7	D	4	5			●				
	P6001-D19,84R	1	19,84	D	4	5			●				
	P6001-D20,00R	1	20	E	5	5,5			●				
	P6001-D20,20R	1	20,2	E	5	5,5			●				
	P6001-D20,24R	1	20,24	E	5	5,5			●				
	P6001-D20,50R	1	20,5	E	5	5,5			●				
	P6001-D20,62R	1	20,62	E	5	5,5			●				
	P6001-D20,70R	1	20,7	E	5	5,5			●				
	P6001-D21,00R	1	21	E	5	5,5			●				
	P6001-D21,41R	1	21,41	E	5	5,5			●				
	P6001-D21,50R	1	21,5	E	5	5,5			●				
	P6001-D21,70R	1	21,7	E	5	5,5			●				
	P6001-D21,83R	1	21,83	E	5	5,5			●				
	P6001-D22,00R	1	22	F	5	6			●				
	P6001-D22,22R	1	22,22	F	5	6			●				
	P6001-D22,42R	1	22,42	F	5	6			●				
	P6001-D22,50R	1	22,5	F	5	6			●				
	P6001-D22,62R	1	22,62	F	5	6			●				

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

HC = Coated carbide

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

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006



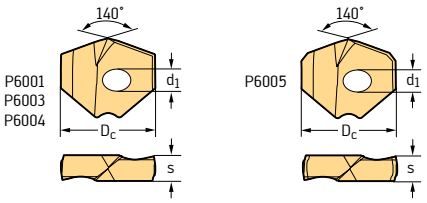
Interchangeable inserts

Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WPP25	P HC WMP35	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
P6001-D22,70R	1	22,7	F	5	6			●				
P6001-D23,00R	1	23	F	5	6			●				
P6001-D23,39R	1	23,39	F	5	6			●				
P6001-D23,50R	1	23,5	F	5	6			●				
P6001-D23,70R	1	23,7	F	5	6			●				
P6001-D23,80R	1	23,8	F	5	6			●				
P6001-D24,00R	1	24	G	5	6,5			●				
P6001-D24,21R	1	24,21	G	5	6,5			●				
P6001-D24,50R	1	24,5	G	5	6,5			●				
P6001-D24,59R	1	24,59	G	5	6,5			●				
P6001-D24,70R	1	24,7	G	5	6,5			●				
P6001-D25,00R	1	25	G	5	6,5			●				
P6001-D25,25R	1	25,25	G	5	6,5			●				
P6001-D25,40R	1	25,4	G	5	6,5			●				
P6001-D25,50R	1	25,5	G	5	6,5			●				
P6001-D25,65R	1	25,65	G	5	6,5			●				
P6001-D25,70R	1	25,7	G	5	6,5			●				
P6001-D25,80R	1	25,8	G	5	6,5			●				
P6001-D26,00R	1	26	H	6	7,1			●				
P6001-D26,25R	1	26,25	H	6	7,1			●				
P6001-D26,50R	1	26,5	H	6	7,1			●				
P6001-D26,59R	1	26,59	H	6	7,1			●				
P6001-D27,00R	1	27	H	6	7,1			●				
P6001-D27,38R	1	27,38	H	6	7,1			●				
P6001-D27,50R	1	27,5	H	6	7,1			●				
P6001-D27,78R	1	27,78	H	6	7,1			●				
P6001-D28,00R	1	28	J	6	7,7			●				
P6001-D28,17R	1	28,17	J	6	7,7			●				
P6001-D28,50R	1	28,5	J	6	7,7			●				
P6001-D28,57R	1	28,57	J	6	7,7			●				
P6001-D29,00R	1	29	J	6	7,7			●				
P6001-D29,37R	1	29,37	J	6	7,7			●				
P6001-D29,50R	1	29,5	J	6	7,7			●				
P6001-D29,77R	1	29,77	J	6	7,7			●				
P6001-D30,00R	1	30	K	6	8			●				
P6001-D30,15R	1	30,15	K	6	8			●				
P6001-D30,50R	1	30,5	K	6	8			●				
P6001-D31,00R	1	31	K	6	8			●				
P6001-D31,50R	1	31,5	K	6	8			●				
P6001-D31,75R	1	31,75	K	6	8			●				
P6001-D31,99R	1	31,99	K	6	8			●				
P6001-D32,00R	1	32	M	6	8,3			●				
P6001-D32,10R	1	32,1	M	6	8,3			●				

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

HC = Coated carbide

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1

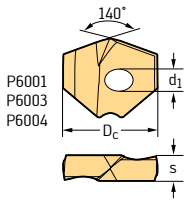
	Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WPP25	P HC WMP35	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
	P6001-D33,00R	1	33	M	6	8,3			●				
	P6001-D34,00R	1	34	N	6	8,6			●				
	P6001-D35,00R	1	35	N	6	8,6			●				
	P6001-D36,00R	1	36	P	6	8,9			●				
	P6001-D37,00R	1	37	P	6	8,9			●				
	P6001-D37,99R	1	37,99	P	6	8,9			●				
	P6003-D12,00R	1	12	A	3	3,6		●		●			●
	P6003-D12,10R	1	12,1	A	3	3,6		●		●			●
	P6003-D12,20R	1	12,2	A	3	3,6		●		●			●
	P6003-D12,30R	1	12,3	A	3	3,6		●		●			●
	P6003-D12,40R	1	12,4	A	3	3,6		●		●			●
	P6003-D12,50R	1	12,5	A	3	3,6		●		●			●
	P6003-D12,60R	1	12,6	A	3	3,6		●		●			●
	P6003-D12,70R	1	12,7	A	3	3,6		●		●			●
	P6003-D12,80R	1	12,8	A	3	3,6		●		●			●
	P6003-D12,90R	1	12,9	A	3	3,6		●		●			●
	P6003-D12,95R	1	12,95	A	3	3,6		●		●			●
	P6003-D13,00R	1	13	A	3	3,6		●		●			●
	P6003-D13,11R	1	13,11	A	3	3,6		●		●			●
	P6003-D13,20R	1	13,2	A	3	3,6		●		●			●
	P6003-D13,25R	1	13,25	A	3	3,6		●		●			●
	P6003-D13,30R	1	13,3	A	3	3,6		●		●			●
	P6003-D13,40R	1	13,4	A	3	3,6		●		●			●
	P6003-D13,50R	1	13,5	A	3	3,6		●		●			●
	P6003-D13,60R	1	13,6	A	3	3,6		●		●			●
	P6003-D13,70R	1	13,7	A	3	3,6		●		●			●
	P6003-D13,80R	1	13,8	A	3	3,6		●		●			●
	P6003-D13,89R	1	13,89	A	3	3,6		●		●			●
	P6003-D14,00R	1	14	B	3	4		●		●			●
	P6003-D14,10R	1	14,1	B	3	4		●		●			●
	P6003-D14,20R	1	14,2	B	3	4		●		●			●
	P6003-D14,30R	1	14,3	B	3	4		●		●			●
	P6003-D14,40R	1	14,4	B	3	4		●		●			●
	P6003-D14,50R	1	14,5	B	3	4		●		●			●
	P6003-D14,60R	1	14,6	B	3	4		●		●			●
	P6003-D14,68R	1	14,68	B	3	4		●		●			●
	P6003-D14,80R	1	14,8	B	3	4		●		●			●
	P6003-D14,90R	1	14,9	B	3	4		●		●			●
	P6003-D15,00R	1	15	B	3	4		●		●			●
	P6003-D15,09R	1	15,09	B	3	4		●		●			●
	P6003-D15,20R	1	15,2	B	3	4		●		●			●
	P6003-D15,30R	1	15,3	B	3	4		●		●			●
	P6003-D15,40R	1	15,4	B	3	4		●		●			●

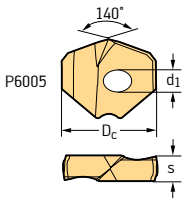
Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

HC = Coated carbide

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

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006





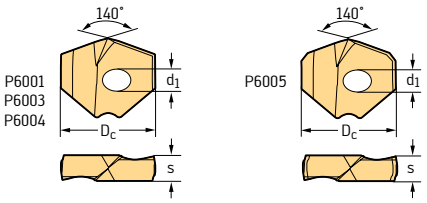
Interchangeable inserts

	Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WPP25	P HC WMP35	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
	P6003-D15,47R	1	15,47	B	3	4		☻		☻			☻
	P6003-D15,50R	1	15,5	B	3	4		☻		☻			☻
	P6003-D15,60R	1	15,6	B	3	4		☻		☻			☻
	P6003-D15,70R	1	15,7	B	3	4		☻		☻			☻
	P6003-D15,80R	1	15,8	B	3	4		☻		☻			☻
	P6003-D15,87R	1	15,87	B	3	4		☻		☻			☻
	P6003-D16,00R	1	16	C	4	4,5		☻		☻			☻
	P6003-D16,13R	1	16,13	C	4	4,5		☻		☻			☻
	P6003-D16,26R	1	16,26	C	4	4,5		☻		☻			☻
	P6003-D16,43R	1	16,43	C	4	4,5		☻		☻			☻
	P6003-D16,50R	1	16,5	C	4	4,5		☻		☻			☻
	P6003-D16,66R	1	16,66	C	4	4,5		☻		☻			☻
	P6003-D16,70R	1	16,7	C	4	4,5		☻		☻			☻
	P6003-D17,00R	1	17	C	4	4,5		☻		☻			☻
	P6003-D17,07R	1	17,07	C	4	4,5		☻		☻			☻
	P6003-D17,20R	1	17,2	C	4	4,5		☻		☻			☻
	P6003-D17,45R	1	17,45	C	4	4,5		☻		☻			☻
	P6003-D17,50R	1	17,5	C	4	4,5		☻		☻			☻
	P6003-D17,70R	1	17,7	C	4	4,5		☻		☻			☻
	P6003-D17,86R	1	17,86	C	4	4,5		☻		☻			☻
	P6003-D18,00R	1	18	D	4	5		☻		☻			☻
	P6003-D18,24R	1	18,24	D	4	5		☻		☻			☻
	P6003-D18,50R	1	18,5	D	4	5		☻		☻			☻
	P6003-D18,65R	1	18,65	D	4	5		☻		☻			☻
	P6003-D18,70R	1	18,7	D	4	5		☻		☻			☻
	P6003-D18,80R	1	18,8	D	4	5		☻		☻			☻
	P6003-D19,00R	1	19	D	4	5		☻		☻			☻
	P6003-D19,05R	1	19,05	D	4	5		☻		☻			☻
	P6003-D19,20R	1	19,2	D	4	5		☻		☻			☻
	P6003-D19,25R	1	19,25	D	4	5		☻		☻			☻
	P6003-D19,30R	1	19,3	D	4	5		☻		☻			☻
	P6003-D19,43R	1	19,43	D	4	5		☻		☻			☻
	P6003-D19,50R	1	19,5	D	4	5		☻		☻			☻
	P6003-D19,60R	1	19,6	D	4	5		☻		☻			☻
	P6003-D19,70R	1	19,7	D	4	5		☻		☻			☻
	P6003-D19,84R	1	19,84	D	4	5		☻		☻			☻
	P6003-D20,00R	1	20	E	5	5,5		☻		☻			☻
	P6003-D20,20R	1	20,2	E	5	5,5		☻		☻			☻
	P6003-D20,24R	1	20,24	E	5	5,5		☻		☻			☻
	P6003-D20,50R	1	20,5	E	5	5,5		☻		☻			☻
	P6003-D20,62R	1	20,62	E	5	5,5		☻		☻			☻
	P6003-D20,70R	1	20,7	E	5	5,5		☻		☻			☻
	P6003-D21,00R	1	21	E	5	5,5		☻		☻			☻

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

HC = Coated carbide

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1

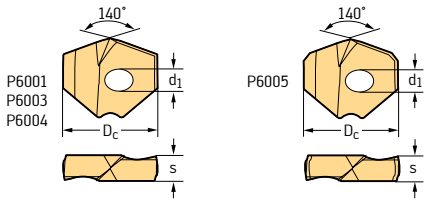
	Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WPP25	P HC WMP35	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
	P6003-D21,41R	1	21,41	E	5	5,5		☹		☹			☹
	P6003-D21,50R	1	21,5	E	5	5,5		☹		☹			☹
	P6003-D21,70R	1	21,7	E	5	5,5		☹		☹			☹
	P6003-D21,83R	1	21,83	E	5	5,5		☹		☹			☹
	P6003-D22,00R	1	22	F	5	6		☹		☹			☹
	P6003-D22,22R	1	22,22	F	5	6		☹		☹			☹
	P6003-D22,42R	1	22,42	F	5	6		☹		☹			☹
	P6003-D22,47R	1	22,47	F	5	6		☹		☹			☹
	P6003-D22,50R	1	22,5	F	5	6		☹		☹			☹
	P6003-D22,62R	1	22,62	F	5	6		☹		☹			☹
	P6003-D22,70R	1	22,7	F	5	6		☹		☹			☹
	P6003-D22,77R	1	22,77	F	5	6		☹		☹			☹
	P6003-D23,00R	1	23	F	5	6		☹		☹			☹
	P6003-D23,39R	1	23,39	F	5	6		☹		☹			☹
	P6003-D23,50R	1	23,5	F	5	6		☹		☹			☹
	P6003-D23,70R	1	23,7	F	5	6		☹		☹			☹
	P6003-D23,80R	1	23,8	F	5	6		☹		☹			☹
	P6003-D24,00R	1	24	G	5	6,5		☹		☹			☹
	P6003-D24,21R	1	24,21	G	5	6,5		☹		☹			☹
	P6003-D24,50R	1	24,5	G	5	6,5		☹		☹			☹
	P6003-D24,59R	1	24,59	G	5	6,5		☹		☹			☹
	P6003-D24,70R	1	24,7	G	5	6,5		☹		☹			☹
	P6003-D25,00R	1	25	G	5	6,5		☹		☹			☹
	P6003-D25,25R	1	25,25	G	5	6,5		☹		☹			☹
	P6003-D25,40R	1	25,4	G	5	6,5		☹		☹			☹
	P6003-D25,50R	1	25,5	G	5	6,5		☹		☹			☹
	P6003-D25,65R	1	25,65	G	5	6,5		☹		☹			☹
	P6003-D25,70R	1	25,7	G	5	6,5		☹		☹			☹
	P6003-D25,80R	1	25,8	G	5	6,5		☹		☹			☹
	P6003-D26,00R	1	26	H	6	7,1		☹		☹			☹
	P6003-D26,25R	1	26,25	H	6	7,1		☹		☹			☹
	P6003-D26,50R	1	26,5	H	6	7,1		☹		☹			☹
	P6003-D26,59R	1	26,59	H	6	7,1		☹		☹			☹
	P6003-D27,00R	1	27	H	6	7,1		☹		☹			☹
	P6003-D27,38R	1	27,38	H	6	7,1		☹		☹			☹
	P6003-D27,50R	1	27,5	H	6	7,1		☹		☹			☹
	P6003-D27,78R	1	27,78	H	6	7,1		☹		☹			☹
	P6003-D28,00R	1	28	J	6	7,7		☹		☹			☹
	P6003-D28,17R	1	28,17	J	6	7,7		☹		☹			☹
	P6003-D28,50R	1	28,5	J	6	7,7		☹		☹			☹
	P6003-D28,57R	1	28,57	J	6	7,7		☹		☹			☹
	P6003-D29,00R	1	29	J	6	7,7		☹		☹			☹
	P6003-D29,37R	1	29,37	J	6	7,7		☹		☹			☹

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

HC = Coated carbide

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

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006



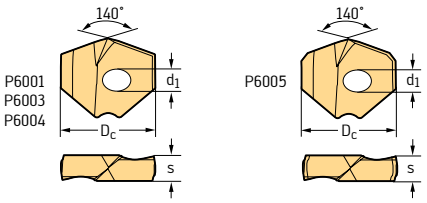
Interchangeable inserts

	Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WPP25	P HC WMP35	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
	P6003-D29,50R	1	29,5	J	6	7,7		●		●			●
	P6003-D29,77R	1	29,77	J	6	7,7		●		●			●
	P6003-D30,00R	1	30	K	6	8		●		●			●
	P6003-D30,15R	1	30,15	K	6	8		●		●			●
	P6003-D30,50R	1	30,5	K	6	8		●		●			●
	P6003-D31,00R	1	31	K	6	8		●		●			●
	P6003-D31,50R	1	31,5	K	6	8		●		●			●
	P6003-D31,75R	1	31,75	K	6	8		●		●			●
	P6003-D31,99R	1	31,99	K	6	8		●		●			●
	P6003-D32,00R	1	32	M	6	8,3		●		●			●
	P6003-D32,10R	1	32,1	M	6	8,3		●		●			●
	P6003-D33,00R	1	33	M	6	8,3		●		●			●
	P6003-D34,00R	1	34	N	6	8,6		●		●			●
	P6003-D35,00R	1	35	N	6	8,6		●		●			●
	P6003-D36,00R	1	36	P	6	8,9		●		●			●
	P6003-D37,00R	1	37	P	6	8,9		●		●			●
	P6003-D37,99R	1	37,99	P	6	8,9		●		●			●
	P6004-D12,00R	1	12	A	3	3,6						●	
	P6004-D12,50R	1	12,5	A	3	3,6						●	
	P6004-D13,00R	1	13	A	3	3,6						●	
	P6004-D13,50R	1	13,5	A	3	3,6						●	
	P6004-D14,00R	1	14	B	3	4						●	
	P6004-D14,50R	1	14,5	B	3	4						●	
	P6004-D14,80R	1	14,8	B	3	4						●	
	P6004-D15,00R	1	15	B	3	4						●	
	P6004-D15,50R	1	15,5	B	3	4						●	
	P6004-D16,00R	1	16	C	4	4,5						●	
	P6004-D16,50R	1	16,5	C	4	4,5						●	
	P6004-D16,66R	1	16,66	C	4	4,5						●	
	P6004-D17,00R	1	17	C	4	4,5						●	
	P6004-D17,50R	1	17,5	C	4	4,5						●	
	P6004-D17,70R	1	17,7	C	4	4,5						●	
	P6004-D18,00R	1	18	D	4	5						●	
	P6004-D18,50R	1	18,5	D	4	5						●	
	P6004-D18,65R	1	18,65	D	4	5						●	
	P6004-D19,00R	1	19	D	4	5						●	
	P6004-D19,50R	1	19,5	D	4	5						●	
	P6004-D19,70R	1	19,7	D	4	5						●	
	P6004-D19,84R	1	19,84	D	4	5						●	
	P6004-D20,00R	1	20	E	5	5,5						●	
	P6004-D20,50R	1	20,5	E	5	5,5						●	
	P6004-D21,00R	1	21	E	5	5,5						●	
	P6004-D21,50R	1	21,5	E	5	5,5						●	

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

HC = Coated carbide

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1

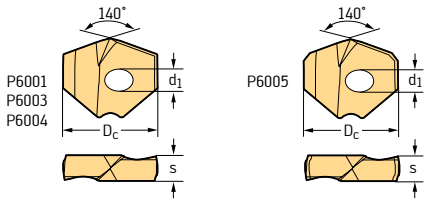
	Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WPP25	P HC WMP35	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
	P6004-D21,70R	1	21,7	E	5	5,5						●	
	P6004-D22,00R	1	22	F	5	6						●	
	P6004-D22,50R	1	22,5	F	5	6						●	
	P6004-D23,00R	1	23	F	5	6						●	
	P6004-D23,50R	1	23,5	F	5	6						●	
	P6004-D24,00R	1	24	G	5	6,5						●	
	P6004-D24,50R	1	24,5	G	5	6,5						●	
	P6004-D25,00R	1	25	G	5	6,5						●	
	P6004-D25,50R	1	25,5	G	5	6,5						●	
	P6004-D26,00R	1	26	H	6	7,1						●	
	P6004-D26,50R	1	26,5	H	6	7,1						●	
	P6004-D27,00R	1	27	H	6	7,1						●	
	P6004-D27,50R	1	27,5	H	6	7,1						●	
	P6004-D28,00R	1	28	J	6	7,7						●	
	P6004-D28,50R	1	28,5	J	6	7,7						●	
	P6004-D29,00R	1	29	J	6	7,7						●	
	P6004-D29,50R	1	29,5	J	6	7,7						●	
	P6004-D30,00R	1	30	K	6	8						●	
	P6004-D30,50R	1	30,5	K	6	8						●	
	P6004-D31,00R	1	31	K	6	8						●	
	P6004-D31,50R	1	31,5	K	6	8						●	
	P6005-D12,00R	1	12	A	3	3,6					●		
	P6005-D12,10R	1	12,1	A	3	3,6					●		
	P6005-D12,20R	1	12,2	A	3	3,6					●		
	P6005-D12,30R	1	12,3	A	3	3,6					●		
	P6005-D12,40R	1	12,4	A	3	3,6					●		
	P6005-D12,50R	1	12,5	A	3	3,6					●		
	P6005-D12,60R	1	12,6	A	3	3,6					●		
	P6005-D12,70R	1	12,7	A	3	3,6					●		
	P6005-D12,80R	1	12,8	A	3	3,6					●		
	P6005-D12,90R	1	12,9	A	3	3,6					●		
	P6005-D12,95R	1	12,95	A	3	3,6					●		
	P6005-D13,00R	1	13	A	3	3,6					●		
	P6005-D13,10R	1	13,1	A	3	3,6					●		
	P6005-D13,20R	1	13,2	A	3	3,6					●		
	P6005-D13,25R	1	13,25	A	3	3,6					●		
	P6005-D13,30R	1	13,3	A	3	3,6					●		
	P6005-D13,40R	1	13,4	A	3	3,6					●		
	P6005-D13,49R	1	13,49	A	3	3,6					●		
	P6005-D13,50R	1	13,5	A	3	3,6					●		
	P6005-D13,60R	1	13,6	A	3	3,6					●		
	P6005-D13,70R	1	13,7	A	3	3,6					●		
	P6005-D13,80R	1	13,8	A	3	3,6					●		

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

HC = Coated carbide

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

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006



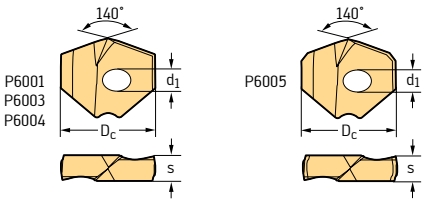
Interchangeable inserts

	Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WPP25	P HC WMP35	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
	P6005-D13,90R	1	13,9	A	3	3,6					●		
	P6005-D14,00R	1	14	B	3	4					●		
	P6005-D14,10R	1	14,1	B	3	4					●		
	P6005-D14,20R	1	14,2	B	3	4					●		
	P6005-D14,29R	1	14,29	B	3	4					●		
	P6005-D14,30R	1	14,3	B	3	4					●		
	P6005-D14,40R	1	14,4	B	3	4					●		
	P6005-D14,50R	1	14,5	B	3	4					●		
	P6005-D14,60R	1	14,6	B	3	4					●		
	P6005-D14,68R	1	14,68	B	3	4					●		
	P6005-D14,70R	1	14,7	B	3	4					●		
	P6005-D14,80R	1	14,8	B	3	4					●		
	P6005-D14,90R	1	14,9	B	3	4					●		
	P6005-D15,00R	1	15	B	3	4					●		
	P6005-D15,08R	1	15,08	B	3	4					●		
	P6005-D15,09R	1	15,09	B	3	4					●		
	P6005-D15,10R	1	15,1	B	3	4					●		
	P6005-D15,20R	1	15,2	B	3	4					●		
	P6005-D15,30R	1	15,3	B	3	4					●		
	P6005-D15,40R	1	15,4	B	3	4					●		
	P6005-D15,50R	1	15,5	B	3	4					●		
	P6005-D15,60R	1	15,6	B	3	4					●		
	P6005-D15,70R	1	15,7	B	3	4					●		
	P6005-D15,80R	1	15,8	B	3	4					●		
	P6005-D15,88R	1	15,88	B	3	4					●		
	P6005-D15,90R	1	15,9	B	3	4					●		
	P6005-D16,00R	1	16	C	4	4,5					●		
	P6005-D16,13R	1	16,13	C	4	4,5					●		
	P6005-D16,26R	1	16,26	C	4	4,5					●		
	P6005-D16,27R	1	16,27	C	4	4,5					●		
	P6005-D16,43R	1	16,43	C	4	4,5					●		
	P6005-D16,50R	1	16,5	C	4	4,5					●		
	P6005-D16,66R	1	16,66	C	4	4,5					●		
	P6005-D16,67R	1	16,67	C	4	4,5					●		
	P6005-D16,70R	1	16,7	C	4	4,5					●		
	P6005-D16,80R	1	16,8	C	4	4,5					●		
	P6005-D17,00R	1	17	C	4	4,5					●		
	P6005-D17,07R	1	17,07	C	4	4,5					●		
	P6005-D17,20R	1	17,2	C	4	4,5					●		
	P6005-D17,45R	1	17,45	C	4	4,5					●		
	P6005-D17,50R	1	17,5	C	4	4,5					●		
	P6005-D17,70R	1	17,7	C	4	4,5					●		
	P6005-D17,80R	1	17,8	C	4	4,5					●		

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

HC = Coated carbide

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

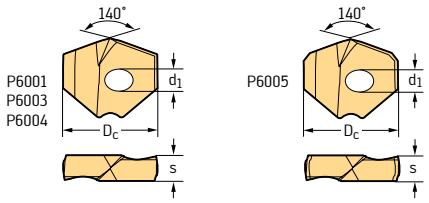
Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WPP25	P HC WMP35	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
P6005-D17,86R	1	17,86	C	4	4,5					●		
P6005-D18,00R	1	18	D	4	5					●		
P6005-D18,24R	1	18,24	D	4	5					●		
P6005-D18,26R	1	18,26	D	4	5					●		
P6005-D18,50R	1	18,5	D	4	5					●		
P6005-D18,65R	1	18,65	D	4	5					●		
P6005-D18,70R	1	18,7	D	4	5					●		
P6005-D18,80R	1	18,8	D	4	5					●		
P6005-D19,00R	1	19	D	4	5					●		
P6005-D19,05R	1	19,05	D	4	5					●		
P6005-D19,20R	1	19,2	D	4	5					●		
P6005-D19,25R	1	19,25	D	4	5					●		
P6005-D19,30R	1	19,3	D	4	5					●		
P6005-D19,43R	1	19,43	D	4	5					●		
P6005-D19,50R	1	19,5	D	4	5					●		
P6005-D19,60R	1	19,6	D	4	5					●		
P6005-D19,70R	1	19,7	D	4	5					●		
P6005-D19,80R	1	19,8	D	4	5					●		
P6005-D19,84R	1	19,84	D	4	5					●		
P6005-D20,00R	1	20	E	5	5,5					●		
P6005-D20,20R	1	20,2	E	5	5,5					●		
P6005-D20,24R	1	20,24	E	5	5,5					●		
P6005-D20,50R	1	20,5	E	5	5,5					●		
P6005-D20,62R	1	20,62	E	5	5,5					●		
P6005-D20,70R	1	20,7	E	5	5,5					●		
P6005-D21,00R	1	21	E	5	5,5					●		
P6005-D21,41R	1	21,41	E	5	5,5					●		
P6005-D21,43R	1	21,43	E	5	5,5					●		
P6005-D21,50R	1	21,5	E	5	5,5					●		
P6005-D21,70R	1	21,7	E	5	5,5					●		
P6005-D21,83R	1	21,83	E	5	5,5					●		
P6005-D22,00R	1	22	F	5	6					●		
P6005-D22,22R	1	22,22	F	5	6					●		
P6005-D22,23R	1	22,23	F	5	6					●		
P6005-D22,42R	1	22,42	F	5	6					●		
P6005-D22,50R	1	22,5	F	5	6					●		
P6005-D22,70R	1	22,7	F	5	6					●		
P6005-D22,77R	1	22,77	F	5	6					●		
P6005-D23,00R	1	23	F	5	6					●		
P6005-D23,02R	1	23,02	F	5	6					●		
P6005-D23,39R	1	23,39	F	5	6					●		
P6005-D23,50R	1	23,5	F	5	6					●		
P6005-D23,70R	1	23,7	F	5	6					●		

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

HC = Coated carbide

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

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006



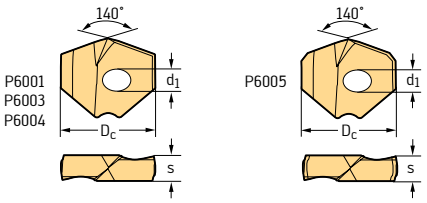
Interchangeable inserts

Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WPP25	P HC WMP35	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
P6005-D23,80R	1	23,8	F	5	6					●		
P6005-D23,81R	1	23,81	F	5	6					●		
P6005-D24,00R	1	24	G	5	6,5					●		
P6005-D24,21R	1	24,21	G	5	6,5					●		
P6005-D24,50R	1	24,5	G	5	6,5					●		
P6005-D24,59R	1	24,59	G	5	6,5					●		
P6005-D24,61R	1	24,61	G	5	6,5					●		
P6005-D24,70R	1	24,7	G	5	6,5					●		
P6005-D25,00R	1	25	G	5	6,5					●		
P6005-D25,25R	1	25,25	G	5	6,5					●		
P6005-D25,40R	1	25,4	G	5	6,5					●		
P6005-D25,50R	1	25,5	G	5	6,5					●		
P6005-D25,70R	1	25,7	G	5	6,5					●		
P6005-D25,80R	1	25,8	G	5	6,5					●		
P6005-D26,00R	1	26	H	6	7,1					●		
P6005-D26,25R	1	26,25	H	6	7,1					●		
P6005-D26,50R	1	26,5	H	6	7,1					●		
P6005-D26,59R	1	26,59	H	6	7,1					●		
P6005-D27,00R	1	27	H	6	7,1					●		
P6005-D27,50R	1	27,5	H	6	7,1					●		
P6005-D27,78R	1	27,78	H	6	7,1					●		
P6005-D28,00R	1	28	J	6	7,7					●		
P6005-D28,17R	1	28,17	J	6	7,7					●		
P6005-D28,50R	1	28,5	J	6	7,7					●		
P6005-D28,57R	1	28,57	J	6	7,7					●		
P6005-D29,00R	1	29	J	6	7,7					●		
P6005-D29,50R	1	29,5	J	6	7,7					●		
P6005-D29,77R	1	29,77	J	6	7,7					●		
P6005-D30,00R	1	30	K	6	8					●		
P6005-D30,15R	1	30,15	K	6	8					●		
P6005-D30,50R	1	30,5	K	6	8					●		
P6005-D31,00R	1	31	K	6	8					●		
P6005-D31,50R	1	31,5	K	6	8					●		
P6005-D31,75R	1	31,75	K	6	8					●		
P6005-D31,99R	1	31,99	K	6	8					●		
P6005-D32,00R	1	32	M	6	8,3					●		
P6005-D32,10R	1	32,1	M	6	8,3					●		
P6005-D33,00R	1	33	M	6	8,3					●		
P6005-D34,00R	1	34	N	6	8,6					●		
P6005-D35,00R	1	35	N	6	8,6					●		
P6005-D36,00R	1	36	P	6	8,9					●		
P6005-D37,00R	1	37	P	6	8,9					●		
P6005-D37,99R	1	37,99	P	6	8,9					●		

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

HC = Coated carbide

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

B1

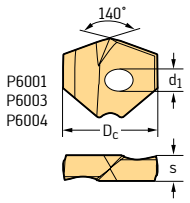
	Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC			M HC	K HC	N HC	S HC
							WPP25	WMP35	WPP45C	WMP35	WKK45C	WNN25	WMP35
	P6006-D12,00R	1	12	A	3,4	3,6	☺						
	P6006-D12,50R	1	12,5	A	3,4	3,6	☺						
	P6006-D12,70R	1	12,7	A	3,4	3,6	☺						
	P6006-D13,00R	1	13	A	3,4	3,6	☺						
	P6006-D13,50R	1	13,5	A	3,4	3,6	☺						
	P6006-D13,70R	1	13,7	A	3,4	3,6	☺						
	P6006-D14,00R	1	14	B	3,4	4	☺						
	P6006-D14,10R	1	14,1	B	3,4	4	☺						
	P6006-D14,20R	1	14,2	B	3,4	4	☺						
	P6006-D14,30R	1	14,3	B	3,4	4	☺						
	P6006-D14,50R	1	14,5	B	3,4	4	☺						
	P6006-D14,68R	1	14,68	B	3,4	4	☺						
	P6006-D15,00R	1	15	B	3,4	4	☺						
	P6006-D15,09R	1	15,09	B	3,4	4	☺						
	P6006-D15,20R	1	15,2	B	3,4	4	☺						
	P6006-D15,30R	1	15,3	B	3,4	4	☺						
	P6006-D15,50R	1	15,5	B	3,4	4	☺						
	P6006-D15,70R	1	15,7	B	3,4	4	☺						
	P6006-D15,87R	1	15,87	B	3,4	4	☺						
	P6006-D16,00R	1	16	C	4,4	4,5	☺						
	P6006-D16,26R	1	16,26	C	4,4	4,5	☺						
	P6006-D16,50R	1	16,5	C	4,4	4,5	☺						
	P6006-D16,66R	1	16,66	C	4,4	4,5	☺						
	P6006-D16,70R	1	16,7	C	4,4	4,5	☺						
	P6006-D17,00R	1	17	C	4,4	4,5	☺						
	P6006-D17,07R	1	17,07	C	4,4	4,5	☺						
	P6006-D17,45R	1	17,45	C	4,4	4,5	☺						
	P6006-D17,50R	1	17,5	C	4,4	4,5	☺						
	P6006-D17,70R	1	17,7	C	4,4	4,5	☺						
	P6006-D17,86R	1	17,86	C	4,4	4,5	☺						
	P6006-D18,00R	1	18	D	4,4	5	☺						
	P6006-D18,24R	1	18,24	D	4,4	5	☺						
	P6006-D18,50R	1	18,5	D	4,4	5	☺						
	P6006-D18,65R	1	18,65	D	4,4	5	☺						
	P6006-D18,70R	1	18,7	D	4,4	5	☺						
	P6006-D19,00R	1	19	D	4,4	5	☺						
	P6006-D19,05R	1	19,05	D	4,4	5	☺						
	P6006-D19,25R	1	19,25	D	4,4	5	☺						
	P6006-D19,50R	1	19,5	D	4,4	5	☺						
	P6006-D19,70R	1	19,7	D	4,4	5	☺						
	P6006-D19,84R	1	19,84	D	4,4	5	☺						
	P6006-D20,00R	1	20	E	5,4	5,5	☺						
	P6006-D20,24R	1	20,24	E	5,4	5,5	☺						

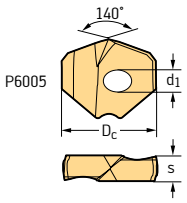
Ordering example: P60.. -D13.00R is available as
P6006 in grade WPP25 (ISO P, unalloyed steel): P6006-D13,00R WPP25
P6003 in grade WMP35 (ISO P, ISO M and ISO S): P6003-D13.00R WMP35 or as
P6001 in grade WPP45C (ISO P): P6001-D13.00R WPP45C
Ordering example for the grade WPP45C: P6001-D12,00R WPP45C

HC = Coated carbide

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

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006





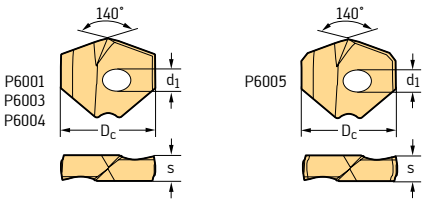
Interchangeable inserts

	Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WPP25	P HC WMP35	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
	P6006-D20,50R	1	20,5	E	5,4	5,5	☻						
	P6006-D20,62R	1	20,62	E	5,4	5,5	☻						
	P6006-D20,70R	1	20,7	E	5,4	5,5	☻						
	P6006-D21,00R	1	21	E	5,4	5,5	☻						
	P6006-D21,50R	1	21,5	E	5,4	5,5	☻						
	P6006-D21,70R	1	21,7	E	5,4	5,5	☻						
	P6006-D22,00R	1	22	F	5,4	6	☻						
	P6006-D22,22R	1	22,22	F	5,4	6	☻						
	P6006-D22,50R	1	22,5	F	5,4	6	☻						
	P6006-D22,70R	1	22,7	F	5,4	6	☻						
	P6006-D23,00R	1	23	F	5,4	6	☻						
	P6006-D23,50R	1	23,5	F	5,4	6	☻						
	P6006-D23,80R	1	23,8	F	5,4	6	☻						
	P6006-D24,00R	1	24	G	5,4	6,5	☻						
	P6006-D24,50R	1	24,5	G	5,4	6,5	☻						
	P6006-D24,70R	1	24,7	G	5,4	6,5	☻						
	P6006-D25,00R	1	25	G	5,4	6,5	☻						
	P6006-D25,25R	1	25,25	G	5,4	6,5	☻						
	P6006-D25,40R	1	25,4	G	5,4	6,5	☻						
	P6006-D25,50R	1	25,5	G	5,4	6,5	☻						
	P6006-D25,65R	1	25,65	G	5,4	6,5	☻						
	P6006-D25,70R	1	25,7	G	5,4	6,5	☻						
	P6006-D25,80R	1	25,8	G	5,4	6,5	☻						
	P6006-D26,00R	1	26	H	6,4	7,1	☻						
	P6006-D26,25R	1	26,25	H	6,4	7,1	☻						
	P6006-D26,50R	1	26,5	H	6,4	7,1	☻						
	P6006-D27,00R	1	27	H	6,4	7,1	☻						
	P6006-D27,50R	1	27,5	H	6,4	7,1	☻						
	P6006-D28,00R	1	28	J	6,4	7,7	☻						
	P6006-D28,50R	1	28,5	J	6,4	7,7	☻						
	P6006-D28,57R	1	28,57	J	6,4	7,7	☻						
	P6006-D29,00R	1	29	J	6,4	7,7	☻						
	P6006-D29,50R	1	29,5	J	6,4	7,7	☻						
	P6006-D30,00R	1	30	K	6,4	8	☻						
	P6006-D30,50R	1	30,5	K	6,4	8	☻						
	P6006-D31,00R	1	31	K	6,4	8	☻						
	P6006-D31,50R	1	31,5	K	6,4	8	☻						
	P6006-D31,75R	1	31,75	K	6,4	8	☻						
	P6006-D31,99R	1	31,99	K	6,4	8	☻						
	P6006-D32,00R	1	32	M	6,4	8,3	☻						
	P6006-D33,00R	1	33	M	6,4	8,3	☻						
	P6006-D34,00R	1	34	N	6,4	8,6	☻						
	P6006-D35,00R	1	35	N	6,4	8,6	☻						

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

HC = Coated carbide

Exchangeable tip
P6001 / P6003 / P6004 / P6005 / P6006



Interchangeable inserts

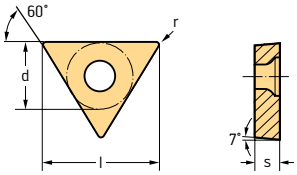
	Designation	Number of cutting edges	D_c mm	Seat size	d_1 mm	s mm	P HC WPP25	P HC WMP35	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
	P6006-D36,00R	1	36	P	6,4	8,9	☻						
	P6006-D37,00R	1	37	P	6,4	8,9	☻						
	P6006-D37,99R	1	37,99	P	6,4	8,9	☻						

HC = Coated carbide

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

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

Positive triangular 60°
TCMT / TCMW
Tiger·tec® Silver



Indexable inserts

	Designation	l mm	r mm	P HC	M HC				K HC		S HC		
				WMP20S	WSM10S	WMP20S	WSM20S	WSM30S	WKK10S	WKK20S	WSM10S	WSM20S	WSM30S
	TCMT110208-FK6	11	0,8						☺	😐			
	TCMT16T308-FK6	16,5	0,8						☺	😐			
	TCMT110208-FM4	11	0,8		☺		😐	☹			☺	😐	☹
	TCMT16T308-FM4	16,5	0,8	😐	☺	😐	😐	☹			☺	😐	☹
	TCMT110208-MK4	11	0,8						☺	😐			
	TCMT16T308-MK4	16,5	0,8						☺	😐			
	TCMT110208-MM4	11	0,8				😐					😐	
	TCMT16T308-MM4	16,5	0,8	😐	☺	😐	😐				☺	😐	
	TCMT110208-RK4	11	0,8						☺	😐			
	TCMT16T308-RK4	16,5	0,8						☺	😐			
	TCMT110208-RM4	11	0,8	😐		😐	😐	☹				😐	☹
	TCMT16T308-RM4	16,5	0,8	😐	☺	😐	😐	☹			☺	😐	☹
	TCMW16T308-RK6	16,5	0,8						☺	😐			

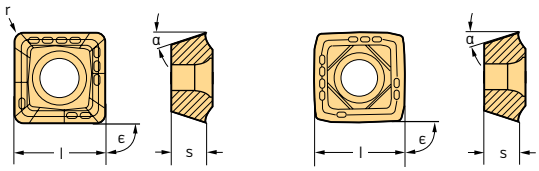
See the ISO 1832 designation key for dimensions
Ordering example for the grade WKK10S: TCMT110208-FK6 WKK10S

HC = Coated carbide

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

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

Square
P484 .
Tiger·tec® Gold



Indexable inserts

B1

	Designation	Number of cutting edges	l mm	s mm	r mm	α	ε	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35S	N HC WNN15	S HC WSP45G
	P4840P-1R-A57	4	4,55	2	0,29	11°	90°	1	😐	😐	☹	☹	😐	☹		☹
	P4840P-2R-A57	4	5,52	2,3	0,34	11°	90°	02	😐	😐	☹	☹	😐	☹		☹
	P4840P-3R-A57	4	6,5	2,8	0,4	11°	90°	03	😐	😐	☹	☹	😐	☹		☹
	P4840P-4R-A57	4	7,8	3,4	0,48	11°	90°	4	😐	😐	☹	☹	😐	☹		☹
	P4840P-5R-A57	4	9,56	4,1	0,59	11°	90°	5	😐	😐	☹	☹	😐	☹		☹
	P4840P-6R-A57	4	11,75	4,9	0,7	11°	90°	6	😐	😐	☹	☹	😐	☹		☹
	P4840P-7R-A57	4	14,03	5,5	0,8	11°	90°	7	😐	😐	☹	☹	😐	☹		☹
	P4840P-8R-A57	4	16,5	5,5	1	11°	90°	8	😐	😐	☹	☹	😐	☹		☹
	P4840P-1R-E57	4	4,55	2	0,29	11°	90°	1	😊	😐	☹	☹	😐	☹		☹
	P4840P-2R-E57	4	5,52	2,3	0,34	11°	90°	02	😊	😐	☹	☹	😐	☹		☹
	P4840P-3R-E57	4	6,5	2,8	0,4	11°	90°	03	😊	😐	☹	☹	😐	☹		☹
	P4840P-4R-E57	4	7,8	3,4	0,48	11°	90°	4	😊	😐	☹	☹	😐	☹		☹
	P4840P-5R-E57	4	9,56	4,1	0,59	11°	90°	5	😊	😐	☹	☹	😐	☹		☹
	P4840P-6R-E57	4	11,75	4,9	0,7	11°	90°	6	😊	😐	☹	☹	😐	☹		☹
	P4840P-7R-E57	4	14,03	5,5	0,8	11°	90°	7	😊	😐	☹	☹	😐	☹		☹
	P4840P-8R-E57	4	16,5	5,5	1	11°	90°	8	😊	😐	☹	☹	😐	☹		☹
	P4840P-1R-E67	4	4,55	2	0,29	11°	90°	1	😊	☹	☹	☹	😐	☹		☹
	P4840P-2R-E67	4	5,52	2,3	0,34	11°	90°	02	😊	☹	☹	☹	😐	☹		☹
	P4840P-3R-E67	4	6,5	2,8	0,4	11°	90°	03	😊	☹	☹	☹	😐	☹		☹
	P4840P-4R-E67	4	7,8	3,4	0,48	11°	90°	4	😊	☹	☹	☹	😐	☹		☹
	P4840P-5R-E67	4	9,56	4,1	0,59	11°	90°	5	😊	☹	☹	☹	😐	☹		☹
	P4840P-6R-E67	4	11,75	4,9	0,7	11°	90°	6	😊	☹	☹	☹	😐	☹		☹
	P4840P-7R-E67	4	14,03	5,5	0,8	11°	90°	7	😊	☹	☹	☹	😐	☹		☹
	P4840P-8R-E67	4	16,5	5,5	1	11°	90°	8	😊	☹	☹	☹	😐	☹		☹
	P4840P-1R-E77	4	4,55	2	0,29	11°	90°	1							😊	
	P4840P-2R-E77	4	5,52	2,3	0,34	11°	90°	02							😊	
	P4840P-3R-E77	4	6,5	2,8	0,4	11°	90°	03							😊	
	P4840P-4R-E77	4	7,8	3,4	0,48	11°	90°	4							😊	
	P4840P-5R-E77	4	9,56	4,1	0,59	11°	90°	5							😊	
	P4840P-6R-E77	4	11,75	4,9	0,7	11°	90°	6							😊	
	P4840P-7R-E77	4	14,03	5,5	0,8	11°	90°	7							😊	
	P4840P-8R-E77	4	16,5	5,5	1	11°	90°	8							😊	
	P4841P-1R-A57	4	4,55	2	0,29	11°	90°	1	😐	😐	☹	☹	😐	☹		☹
	P4841P-2R-A57	4	5,52	2,3	0,34	11°	90°	02	😐	😐	☹	☹	😐	☹		☹
	P4841P-3R-A57	4	6,5	2,8	0,4	11°	90°	03	😐	😐	☹	☹	😐	☹		☹
	P4841P-4R-A57	4	7,8	3,4	0,48	11°	90°	4	😐	😐	☹	☹	😐	☹		☹
	P4841P-5R-A57	4	9,56	4,1	0,59	11°	90°	5	😐	😐	☹	☹	😐	☹		☹
	P4841P-6R-A57	4	11,75	4,9	0,7	11°	90°	6	😐	😐	☹	☹	😐	☹		☹
	P4841P-7R-A57	4	14,03	5,5	0,8	11°	90°	7	😐	😐	☹	☹	😐	☹		☹
	P4841P-8R-A57	4	16,5	5,5	1	11°	90°	8	😐	😐	☹	☹	😐	☹		☹

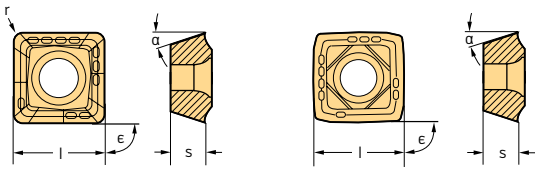
Ordering example for the grade WKP25S: P4840P-1R-A57 WKP25S
Ordering example for the grade WKP35S: P4840P-1R-A57 WKP35S
Ordering example for the grade WSP45G: P4840P-1R-A57 WSP45G

HC = Coated carbide

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

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

Square
P484 .
Tiger·tec® Gold



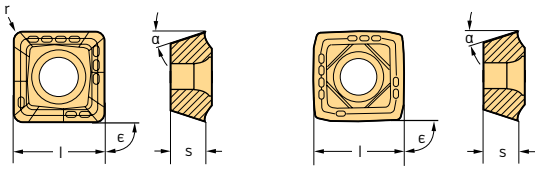
Indexable inserts

	Designation	Number of cutting edges	l mm	s mm	r mm	α	ε	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35S	N HC WNN15	S HC WSP45G
	P4841P-1R-E57	4	4,55	2	0,29	11°	90°	1	☺	😐	☹	☹	😐	☹		☹
	P4841P-2R-E57	4	5,52	2,3	0,34	11°	90°	02	☺	😐	☹	☹	😐	☹		☹
	P4841P-3R-E57	4	6,5	2,8	0,4	11°	90°	03	☺	😐	☹	☹	😐	☹		☹
	P4841P-4R-E57	4	7,8	3,4	0,48	11°	90°	4	☺	😐	☹	☹	😐	☹		☹
	P4841P-5R-E57	4	9,56	4,1	0,59	11°	90°	5	☺	😐	☹	☹	😐	☹		☹
	P4841P-6R-E57	4	11,75	4,9	0,7	11°	90°	6	☺	😐	☹	☹	😐	☹		☹
	P4841P-7R-E57	4	14,03	5,5	0,8	11°	90°	7	☺	😐	☹	☹	😐	☹		☹
	P4841P-8R-E57	4	16,5	5,5	1	11°	90°	8	☺	😐	☹	☹	😐	☹		☹

Ordering example for the grade WKP25S: P4840P-1R-A57 WKP25S
Ordering example for the grade WKP35S: P4840P-1R-A57 WKP35S
Ordering example for the grade WSP45G: P4840P-1R-A57 WSP45G

HC = Coated carbide

Square
P484 .
Tiger·tec® Gold



Indexable inserts

	Designation	Number of cutting edges	l mm	s mm	r mm	α	ε	Size	P HC WKP35S	P HC WXP40	P HC WSP45G	M HC WXP40	M HC WSP45G	K HC WKP35S	N HC WNN15	S HC WSP45G
	P4841C-1R-A57	4	4,9	2	0,29	11°	90°	1	☹	☹	☹	☹	☹	☹		☹
	P4841C-2R-A57	4	5,95	2,4	0,34	11°	90°	02	☹	☹	☹	☹	☹	☹		☹
	P4841C-3R-A57	4	7	2,8	0,4	11°	90°	03	☹	☹	☹	☹	☹	☹		☹
	P4841C-4R-A57	4	8,4	3,4	0,48	11°	90°	4	☹	☹	☹	☹	☹	☹		☹
	P4841C-5R-A57	4	10,29	4,1	0,59	11°	90°	5	☹	☹	☹	☹	☹	☹		☹
	P4841C-6R-A57	4	12,24	4,9	0,7	11°	90°	6	☹	☹	☹	☹	☹	☹		☹
	P4841C-7R-A57	4	14,69	5,5	0,8	11°	90°	7	☹	☹	☹	☹	☹	☹		☹
	P4841C-8R-A57	4	17,49	5,6	1	11°	90°	8	☹	☹	☹	☹	☹	☹		☹

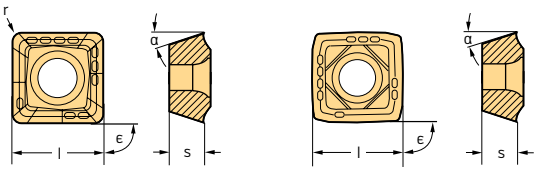
Ordering example for the grade WKP35S: P4841C-1R-A57 WKP35S
Ordering example for the grade WSP45G: P4841C-1R-A57 WSP45G

HC = Coated carbide

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

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

Square
P484 .
Tiger·tec® Gold



Indexable inserts

B1

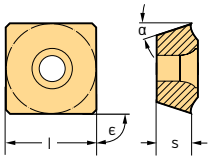
	Designation	Number of cutting edges	l mm	s mm	r mm	α	ε	Size	P HC WKP35S	P HC WXP40	P HC WSP45G	M HC WXP40	M HC WSP45G	K HC WKP35S	N HC WNN15	S HC WSP45G
	P4841C-1R-E57	4	4,9	2	0,29	11°	90°	1	☻	☹	☹	☹	☹	☹		☹
	P4841C-2R-E57	4	5,95	2,4	0,34	11°	90°	02	☻	☹	☹	☹	☹	☹		☹
	P4841C-3R-E57	4	7	2,8	0,4	11°	90°	03	☻	☹	☹	☹	☹	☹		☹
	P4841C-4R-E57	4	8,4	3,4	0,48	11°	90°	4	☻	☹	☹	☹	☹	☹		☹
	P4841C-5R-E57	4	10,29	4,1	0,59	11°	90°	5	☻	☹	☹	☹	☹	☹		☹
	P4841C-6R-E57	4	12,24	4,9	0,7	11°	90°	6	☻	☹	☹	☹	☹	☹		☹
	P4841C-7R-E57	4	14,69	5,5	0,8	11°	90°	7	☻	☹	☹	☹	☹	☹		☹
	P4841C-8R-E57	4	17,49	5,6	1	11°	90°	8	☻	☹	☹	☹	☹	☹		☹
	P4840C-1R-E67	4	4,9	2	0,29	11°	90°	1	☹	☹	☹	☹	☹	☹		☹
	P4840C-2R-E67	4	5,95	2,4	0,34	11°	90°	02	☹	☹	☹	☹	☹	☹		☹
	P4840C-3R-E67	4	7	2,8	0,4	11°	90°	03	☹	☹	☹	☹	☹	☹		☹
	P4840C-4R-E67	4	8,4	3,4	0,48	11°	90°	4	☹	☹	☹	☹	☹	☹		☹
	P4840C-5R-E67	4	10,29	4,1	0,59	11°	90°	5	☹	☹	☹	☹	☹	☹		☹
	P4840C-6R-E67	4	12,24	4,9	0,7	11°	90°	6	☹	☹	☹	☹	☹	☹		☹
	P4840C-7R-E67	4	14,69	5,5	0,8	11°	90°	7	☹	☹	☹	☹	☹	☹		☹
	P4840C-8R-E67	4	17,49	5,6	1	11°	90°	8	☹	☹	☹	☹	☹	☹		☹
	P4840C-1R-E77	4	4,9	2	0,29	11°	90°	1							☺	
	P4840C-2R-E77	4	5,95	2,4	0,34	11°	90°	02							☺	
	P4840C-3R-E77	4	7	2,8	0,4	11°	90°	03							☺	
	P4840C-4R-E77	4	8,4	3,4	0,48	11°	90°	4							☺	
	P4840C-5R-E77	4	10,29	4,1	0,59	11°	90°	5							☺	
	P4840C-6R-E77	4	12,24	4,9	0,7	11°	90°	6							☺	
	P4840C-7R-E77	4	14,69	5,5	0,8	11°	90°	7							☺	
	P4840C-8R-E77	4	17,49	5,6	1	11°	90°	8							☺	

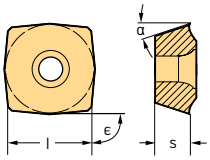
Ordering example for the grade WKP35S: P4841C-1R-A57 WKP35S
Ordering example for the grade WSP45G: P4841C-1R-A57 WSP45G

HC = Coated carbide

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

Square
P284..
Tiger·tec® Gold





Indexable inserts

	Designation	Number of cutting edges	l mm	s mm	α	ε	Size	P HC WKP25S	P HC WKP35S	P HC WXP40	P HC WSP45G	M HC WXP40	M HC WSP45G	K HC WKP25S	K HC WKP35S	N HC WNN15	S HC WSP45G
	P2840S-1N-A57	4	6,35	2,4	14°	90°	1	☺	☹		☹		☹	☺	☹		☹
	P2840S-2N-A57	4	7,8	3,2	14°	90°	02	☺	☹		☹		☹	☺	☹		☹
	P2840S-3N-A57	4	9,52	4	11°	96°	03	☺	☹		☹		☹	☺	☹		☹
	P2840S-4N-A57	4	11	4	11°	96°	4	☺	☹		☹		☹	☺	☹		☹
	P2840S-5N-A57	4	12,7	4,8	11°	96°	5	☺	☹		☹		☹	☺	☹		☹
	P2840S-6N-A57	4	15	4,8	11°	96°	6		☹		☹		☹		☹		☹
	P2840S-7N-A57	4	17,6	5,6	11°	96°	7		☹		☹		☹		☹		☹
	P2840S-1N-E67	4	6,35	2,4	14°	90°	1		☹		☹		☹		☹		☹
	P2840S-2N-E67	4	7,8	3,2	14°	90°	02		☹		☹		☹		☹		☹
	P2840S-3N-E67	4	9,52	4	11°	96°	03		☹		☹		☹		☹		☹
	P2840S-4N-E67	4	11	4	11°	96°	4		☹		☹		☹		☹		☹
	P2840S-5N-E67	4	12,7	4,8	11°	96°	5		☹		☹		☹		☹		☹
	P2840S-6N-E67	4	15	4,8	11°	96°	6		☹		☹		☹		☹		☹
	P2840S-7N-E67	4	17,6	5,6	11°	96°	7		☹		☹		☹		☹		☹
	P2841S-1N-A57	4	6,35	2,4	14°	90°	1	☺	☹	☹	☹	☹	☹	☺	☹		☹
	P2841S-2N-A57	4	7,8	3,2	14°	90°	02	☺	☹	☹	☹	☹	☹	☺	☹		☹
	P2841S-3N-A57	4	9,52	4	11°	96°	03	☺	☹	☹	☹	☹	☹	☺	☹		☹
	P2841S-4N-A57	4	11	4	11°	96°	4	☺	☹	☹	☹	☹	☹	☺	☹		☹
	P2841S-5N-A57	4	12,7	4,8	11°	96°	5	☺	☹	☹	☹	☹	☹	☺	☹		☹
	P2841S-6N-A57	4	15	4,8	11°	96°	6	☺	☹	☹	☹	☹	☹	☺	☹		☹
	P2841S-7N-A57	4	17,6	5,6	11°	96°	7	☺	☹	☹	☹	☹	☹	☺	☹		☹
	P2841S-1N-E57	4	6,35	2,4	14°	90°	1	☺	☺	☹	☹	☹	☹	☺	☹		☹
	P2841S-2N-E57	4	7,8	3,2	14°	90°	02	☺	☺	☹	☹	☹	☹	☺	☹		☹
	P2841S-3N-E57	4	9,52	4	11°	96°	03	☺	☺	☹	☹	☹	☹	☺	☹		☹
	P2841S-4N-E57	4	11	4	11°	96°	4	☺	☺	☹	☹	☹	☹	☺	☹		☹
	P2841S-5N-E57	4	12,7	4,8	11°	96°	5	☺	☺	☹	☹	☹	☹	☺	☹		☹
	P2841S-6N-E57	4	15	4,8	11°	96°	6		☺	☹	☹	☹	☹		☹		☹
	P2841S-7N-E57	4	17,6	5,6	11°	96°	7		☺	☹	☹	☹	☹		☹		☹
	P2841S-1N-E67	4	6,35	2,4	14°	90°	1		☹	☹	☹	☹	☹		☹		☹
	P2841S-2N-E67	4	7,8	3,2	14°	90°	02		☹	☹	☹	☹	☹		☹		☹
	P2841S-3N-E67	4	9,52	4	11°	96°	03		☹	☹	☹	☹	☹		☹		☹
	P2841S-4N-E67	4	11	4	11°	96°	4		☹	☹	☹	☹	☹		☹		☹
	P2841S-5N-E67	4	12,7	4,8	11°	96°	5		☹	☹	☹	☹	☹		☹		☹
	P2841S-6N-E67	4	15	4,8	11°	96°	6		☹	☹	☹	☹	☹		☹		☹
	P2841S-7N-E67	4	17,6	5,6	11°	96°	7		☹	☹	☹	☹	☹		☹		☹
	P2840S-1N-E77	4	6,35	2,4	14°	90°	1									☺	
	P2840S-2N-E77	4	7,8	3,2	14°	90°	02									☺	
	P2840S-3N-E77	4	9,52	4	11°	96°	03									☺	
	P2840S-4N-E77	4	11	4	11°	96°	4									☺	
	P2840S-5N-E77	4	12,7	4,8	11°	96°	5									☺	
	P2840S-6N-E77	4	15	4,8	11°	96°	6									☺	
	P2840S-7N-E77	4	17,6	5,6	11°	96°	7									☺	

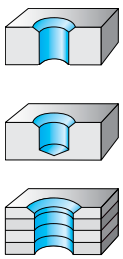
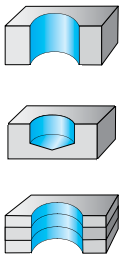
Ordering example for the grade WKP25S: P2840S-1N-A57 WKP25S
Ordering example for the grade WKP35S: P2840S-1N-A57 WKP35S
Ordering example for the grade WSP45G: P2840S-1N-A57 WSP45G

HC = Coated carbide

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

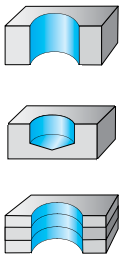
☺ 😐 ☹ / ★ = New addition to the product range

Indexable insert drills

Machining					
Drilling depth	**2,5 x D_C**	**1,3 x D_C**	**3 x D_C**	**5 x D_C**	**5 x D_C**
Designation	D4240	D4140 Drion·tec™	D4140 Drion·tec™	D4140 Drion·tec™	D4140 Drion·tec™
Effective cutting edges	2	2	2	2	2
Diameter range					
[mm]	12–29	12–25,99	12–37,99	12–31,99	12–37,99
[inch]					
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●	●
H Hard materials					
O Other					
Indexable insert types			P600 .		
Number of cutting edges	1	1	1	1	1
Page in catalogue	184	186	188	192	192
QR code					
www.walter-tools.com/woc/	D4240	D4140	D4140	D4140	D4140

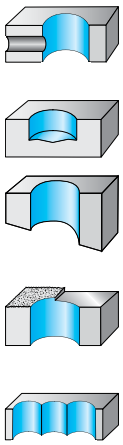
WALTER SELECT ●● Primary application ● Other application

Indexable insert drills

Machining			
Drilling depth	**7 x D_C**	**7 x D_C**	**10 x D_C**
Designation	D4140 Drion·tec™	D4140 Drion·tec™	D4140 Drion·tec™
Effective cutting edges	2	2	2
Diameter range			
[mm]	12–31,99	12–37,99	12–25,99
[inch]			
P Steel	●●	●●	●●
M Stainless steel	●	●	●
K Cast iron	●●	●●	●●
N NF metals	●●	●●	●●
S Materials with difficult cutting properties	●	●	●
H Hard materials			
O Other			
Indexable insert types		 P600 .	
Number of cutting edges	1	1	1
Page in catalogue	196	196	198
QR code			
www.walter-tools.com/woc/	D4140	D4140	D4140

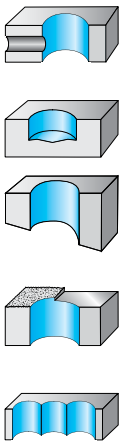
WALTER SELECT ●● Primary application ● Other application

Indexable insert drills

Machining					
Drilling depth	**3 x D_C**	**2 x D_C**	**3 x D_C**	**4 x D_C**	**5 x D_C**
Designation	D4170	D4120 Drion·tec™	D4120 Drion·tec™	D4120 Drion·tec™	D4120 Drion·tec™
Effective cutting edges	1	1	1	1	1
Diameter range					
[mm]	65–80	13,5–59	13,5–59	17–59	17–59
[inch]					
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●	
K Cast iron	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●	
H Hard materials					
O Other					
Indexable insert types			P484 .C P484 .P		
Number of cutting edges	4	4	4	4	4
Page in catalogue	218	204	208	212	216
QR code					
www.walter-tools.com/woc/	D4170	D4120	D4120	D4120	D4120

WALTER SELECT ●● Primary application ● Other application

Indexable insert drills

Machining			
Drilling depth	2 x D_C	3 x D_C	4 x D_C
Designation	D3120 Drion·tec™	D3120 Drion·tec™	D3120 Drion·tec™
Effective cutting edges	1	1	1
Diameter range			
[mm]	16–42	16–58	16–42
[inch]			
P Steel	●●	●●	●●
M Stainless steel	●●	●●	●
K Cast iron	●●	●●	●●
N NF metals	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●
H Hard materials			
O Other			
Indexable insert types		P284 .S	
Number of cutting edges	4	4	4
Page in catalogue	220	222	228
QR code			
www.walter-tools.com/woc/	D3120	D3120	D3120

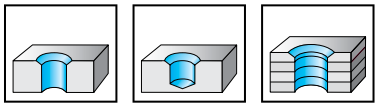
WALTER SELECT ●● Primary application ● Other application

Exchangeable-tip drills

D4240 mm

Drion·tec™

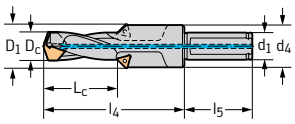
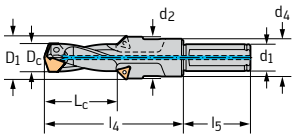
B1



D_c 12–29,99	2,5×D_c	90°	140°	Z=2

	P	M	K	N	S	H	O
D4240	●●	●●	●●	●●	●●		

Tool

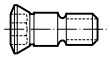
Designation	D_c mm	D_1 mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Type
 Cylindrical shank with flat											
D4240-02-12.00F20-A	12	23,7	36,5	69,28	50	20	30	0,22	1	A	P600 . -D12, ..
D4240-02-14.00F20-B	14	25,7	40,6	76	50	20	30	0,26	1	B	P600 . -D14, ..
D4240-02-15.00F20-B	15	26,7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

Bodies and assembly parts are included in the scope of delivery

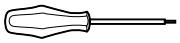
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

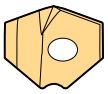
Assembly parts

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

Accessories

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

Interchangeable inserts

	Designation	l mm	D_c mm	r mm	P					M		K		N	S	
						HC					HC		HC	HC		HC
					WMP35	WPP20G	WPP25	WPP45C	WSM20S	WMP35	WSM20S	WKK20S	WKK45C	WNN25	WMP35	WSM20S
	P6001-D..		12–29,8					☻								
	P6003-D..		12–29,8		☹					☻					☻	
	P6004-D..		12–29,5											☻		
	P6005-D..		12–29,8										☹			
	P6006-D..		12–29,8				☺									
	TCGT110204-MK4	11		0,4								☻				
	TCGT110204-MM4	11		0,4					☻		☻					☻
	TCGT110204-MP4	11		0,4		☻										
	TCGT110208-MP4	11		0,8		☻										
	TCGT16T304-MM4	16,5		0,4					☻		☻					☻
	TCGT16T308-MK4	16,5		0,8								☻				
	TCGT16T308-MM4	16,5		0,8					☻		☻					☻
	TCMT110208-MK4	11		0,8								☻				
	TCMT110208-MM4	11		0,8					☻		☻					☻
	TCMT110208-MP4	11		0,8		☻										
	TCMT16T308-MK4	16,5		0,8								☻				
	TCMT16T308-MM4	16,5		0,8					☻		☻					☻
	TCMT16T308-MP4	16,5		0,8		☻										

HC = beschichtetes Hartmetall

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

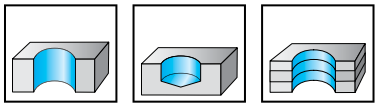
☻ ☻ ☹ / ★ = New addition to the product range

Exchangeable-tip drills

D4140 mm

Drion·tec™

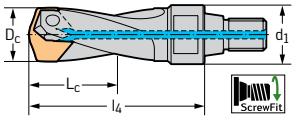
B1



D_c 12– 25,99	1,3×D_c	140°	Z=2

	P	M	K	N	S	H	O
D4140	●●	●●	●●	●●	●●		

Tool



ScrewFit

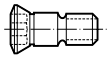
Designation	D_c mm	L_c mm	l_4 mm	d_1	Z	kg	No. of inserts	Seat size	Version
D4140-01-12.00T14-A	12	18	47,6	T14	2	0,05	1	A	P600 . -D12, ..
D4140-01-13.00T14-A	13	19	49,9	T14	2	0,05	1	A	P600 . -D13, ..
D4140-01-14.00T14-B	14	21	52,2	T14	2	0,06	1	B	P600 . -D14, ..
D4140-01-15.00T18-B	15	22	54,5	T18	2	0,08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

Bodies and assembly parts are included in the scope of delivery

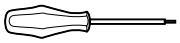
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

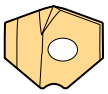
Assembly parts

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

Accessories

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

Interchangeable inserts

	Designation	D_c mm	P HC WMP35	P HC WPP25	P HC WPP45C	M HC WMP35	K HC WKK45C	N HC WNN25	S HC WMP35
	P6001-D..	12–25,8			😐				
	P6003-D..	12–25,8	😟			😐			😐
	P6004-D..	12–25,5						😐	
	P6005-D..	12–25,8					😟		
	P6006-D..	12–25,8		😊					

HC = beschichtetes Hartmetall

B1

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

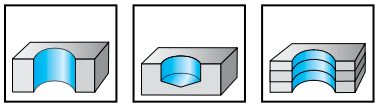
😊 😐 😟 / ★ = New addition to the product range

Exchangeable-tip drills

D4140 mm

Drion·tec™

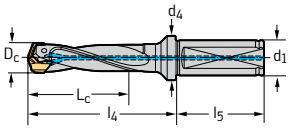
B1



3×D_c | 140° | Z=2

	P	M	K	N	S	H	O
D4140	●●	●●	●●	●●	●●		

Tool



Cylindrical shank with flat

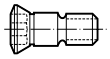
Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Version
D4140-03-12.00F16-A	12	36	68	48	16	20	0,13	1	A	P600 . -D12, ..
D4140-03-13.00F16-A	13	41	72	48	16	20	0,15	1	A	P600 . -D13, ..
D4140-03-14.00F16-B	14	45	76	48	16	20	0,14	1	B	P600 . -D14, ..
D4140-03-15.00F16-B	15	48	80	48	16	20	0,15	1	B	P600 . -D15, ..
D4140-03-16.00F20-C	16	51	84	50	20	25	0,23	1	C	P600 . -D16, ..
D4140-03-17.00F20-C	17	54	88	50	20	25	0,24	1	C	P600 . -D17, ..
D4140-03-18.00F20-D	18	57	92	50	20	25	0,25	1	D	P600 . -D18, ..
D4140-03-19.00F20-D	19	61	96	50	20	25	0,26	1	D	P600 . -D19, ..
D4140-03-20.00F20-E	20	64	100	50	20	25	0,28	1	E	P600 . -D20, ..
D4140-03-21.00F20-E	21	67	104	50	20	25	0,29	1	E	P600 . -D21, ..
D4140-03-22.00F25-F	22	70	109	56	25	32	0,44	1	F	P600 . -D22, ..
D4140-03-23.00F25-F	23	73	113	56	25	32	0,46	1	F	P600 . -D23, ..
D4140-03-24.00F25-G	24	76	117	56	25	32	0,48	1	G	P600 . -D24, ..
D4140-03-25.00F25-G	25	80	121	56	25	32	0,5	1	G	P600 . -D25, ..
D4140-03-26.00F25-H	26	83	125	56	25	32	0,52	1	H	P600 . -D26, ..
D4140-03-27.00F25-H	27	86	129	56	25	32	0,53	1	H	P600 . -D27, ..
D4140-03-28.00F32-J	28	89	134	60	32	40	0,78	1	J	P600 . -D28, ..
D4140-03-29.00F32-J	29	92	138	60	32	40	0,85	1	J	P600 . -D29, ..
D4140-03-30.00F32-K	30	95	142	60	32	40	0,89	1	K	P600 . -D30, ..
D4140-03-31.00F32-K	31	99	146	60	32	40	0,92	1	K	P600 . -D31, ..
D4140-03-32.00F40-M	32	102	150	70	40	50	1,31	1	M	P600 . -D32, ..
D4140-03-33.00F40-M	33	105	154	70	40	50	1,38	1	M	P600 . -D33, ..
D4140-03-34.00F40-N	34	108	158	70	40	50	1,37	1	N	P600 . -D34, ..
D4140-03-35.00F40-N	35	111	162	70	40	50	1,43	1	N	P600 . -D35, ..
D4140-03-36.00F40-P	36	115	166	70	40	50	1,46	1	P	P600 . -D36, ..
D4140-03-37.00F40-P	37	118	170	70	40	50	1,54	1	P	P600 . -D37, ..

Bodies and assembly parts are included in the scope of delivery

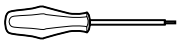
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

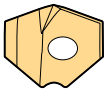
Assembly parts

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

Accessories

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

Interchangeable inserts

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

HC = beschichtetes Hartmetall

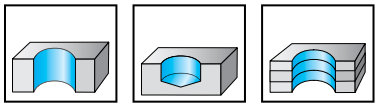
B1

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

Exchangeable-tip drills

D4140 mm

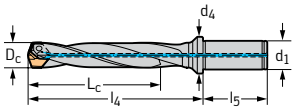
Drion·tec™



5×D_c | 140° | Z=2

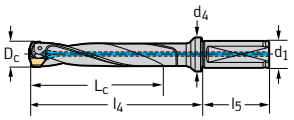
	P	M	K	N	S	H	O
D4140	●●	●●	●●	●●	●		

Tool



Cylindrical shank with collar

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Version
D4140-05-12.00A16-A	12	62	92	48	16	20	0,16	1	A	P600 . -D12, ..
D4140-05-13.00A16-A	13	67	98	48	16	20	0,16	1	A	P600 . -D13, ..
D4140-05-14.00A16-B	14	73	104	48	16	20	0,17	1	B	P600 . -D14, ..
D4140-05-15.00A16-B	15	78	110	48	16	20	0,16	1	B	P600 . -D15, ..
D4140-05-16.00A20-C	16	83	116	50	20	25	0,26	1	C	P600 . -D16, ..
D4140-05-17.00A20-C	17	88	122	50	20	25	0,26	1	C	P600 . -D17, ..
D4140-05-18.00A20-D	18	93	128	50	20	25	0,3	1	D	P600 . -D18, ..
D4140-05-19.00A20-D	19	98	134	50	20	25	0,29	1	D	P600 . -D19, ..
D4140-05-20.00A20-E	20	104	140	50	20	25	0,34	1	E	P600 . -D20, ..
D4140-05-21.00A20-E	21	109	146	50	20	25	0,38	1	E	P600 . -D21, ..
D4140-05-22.00A25-F	22	114	153	56	25	32	0,53	1	F	P600 . -D22, ..
D4140-05-23.00A25-F	23	119	159	56	25	32	0,56	1	F	P600 . -D23, ..
D4140-05-24.00A25-G	24	124	165	56	25	32	0,59	1	G	P600 . -D24, ..
D4140-05-25.00A25-G	25	130	171	56	25	32	0,62	1	G	P600 . -D25, ..
D4140-05-26.00A25-H	26	135	177	56	25	32	0,6	1	H	P600 . -D26, ..
D4140-05-27.00A25-H	27	140	183	56	25	32	0,7	1	H	P600 . -D27, ..
D4140-05-28.00A32-J	28	145	190	60	32	40	0,8	1	J	P600 . -D28, ..
D4140-05-29.00A32-J	29	150	196	60	32	40	1	1	J	P600 . -D29, ..
D4140-05-30.00A32-K	30	155	202	60	32	40	1	1	K	P600 . -D30, ..
D4140-05-31.00A32-K	31	161	208	60	32	40	1,14	1	K	P600 . -D31, ..



Cylindrical shank with flat

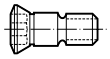
Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Version
D4140-05-12.00F16-A	12	62	92	48	16	20	0,14	1	A	P600 . -D12, ..
D4140-05-13.00F16-A	13	67	98	48	16	20	0,15	1	A	P600 . -D13, ..
D4140-05-14.00F16-B	14	73	104	48	16	20	0,16	1	B	P600 . -D14, ..
D4140-05-15.00F16-B	15	78	110	48	16	20	0,18	1	B	P600 . -D15, ..
D4140-05-16.00F20-C	16	83	116	50	20	25	0,24	1	C	P600 . -D16, ..
D4140-05-17.00F20-C	17	88	122	50	20	25	0,28	1	C	P600 . -D17, ..
D4140-05-18.00F20-D	18	93	128	50	20	25	0,29	1	D	P600 . -D18, ..
D4140-05-19.00F20-D	19	98	134	50	20	25	0,31	1	D	P600 . -D19, ..
D4140-05-20.00F20-E	20	104	140	50	20	25	0,3	1	E	P600 . -D20, ..
D4140-05-21.00F20-E	21	109	146	50	20	25	0,37	1	E	P600 . -D21, ..
D4140-05-22.00F25-F	22	114	153	56	25	32	0,53	1	F	P600 . -D22, ..
D4140-05-23.00F25-F	23	119	159	56	25	32	0,56	1	F	P600 . -D23, ..
D4140-05-24.00F25-G	24	124	165	56	25	32	0,59	1	G	P600 . -D24, ..
D4140-05-25.00F25-G	25	130	171	56	25	32	0,62	1	G	P600 . -D25, ..
D4140-05-26.00F25-H	26	135	177	56	25	32	0,65	1	H	P600 . -D26, ..

Bodies and assembly parts are included in the scope of delivery

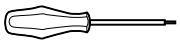
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

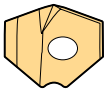
Assembly parts

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

Accessories

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

Interchangeable inserts

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

HC = beschichtetes Hartmetall

B1

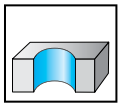
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 🙂 → Good = 😐 → Moderate = 😠

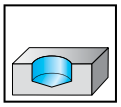
Exchangeable-tip drills

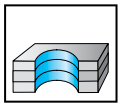
D4140 mm

Drion·tec™

B1



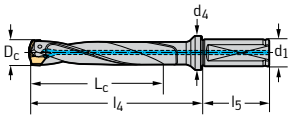




5×D_c | 140° | Z=2

	P	M	K	N	S	H	O
D4140	●●	●●	●●	●●	●		

Tool



Cylindrical shank with flat

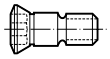
Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Version
D4140-05-27.00F25-H	27	140	183	56	25	32	0,69	1	H	P600 . -D27, ..
D4140-05-28.00F32-J	28	145	190	60	32	40	0,97	1	J	P600 . -D28, ..
D4140-05-29.00F32-J	29	150	196	60	32	40	1	1	J	P600 . -D29, ..
D4140-05-30.00F32-K	30	155	202	60	32	40	1,05	1	K	P600 . -D30, ..
D4140-05-31.00F32-K	31	161	208	60	32	40	1,12	1	K	P600 . -D31, ..
D4140-05-32.00F40-M	32	166	214	70	40	50	1,51	1	M	P600 . -D32, ..
D4140-05-33.00F40-M	33	171	220	70	40	50	1,56	1	M	P600 . -D33, ..
D4140-05-34.00F40-N	34	176	226	70	40	50	1,61	1	N	P600 . -D34, ..
D4140-05-35.00F40-N	35	181	232	70	40	50	1,66	1	N	P600 . -D35, ..
D4140-05-36.00F40-P	36	187	238	70	40	50	1,72	1	P	P600 . -D36, ..
D4140-05-37.00F40-P	37	192	244	70	40	50	1,78	1	P	P600 . -D37, ..

Bodies and assembly parts are included in the scope of delivery

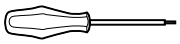
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

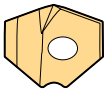
Assembly parts

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

Accessories

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

Interchangeable inserts

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

HC = beschichtetes Hartmetall

B1

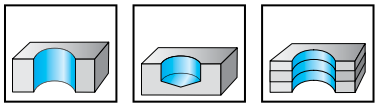
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😀 → Good = 😐 → Moderate = 😠

Exchangeable-tip drills

D4140 mm

Drion·tec™

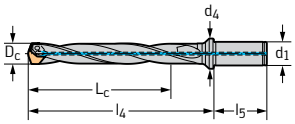
B1



7×D_c | 140° | Z=2

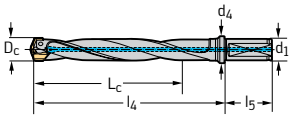
	P	M	K	N	S	H	O
D4140	●●	●	●●	●●	●		

Tool



Cylindrical shank with collar

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Version
D4140-07-12.00A16-A	12	86	116	48	16	20	0,17	1	A	P600 . -D12, ..
D4140-07-13.00A16-A	13	93	124	48	16	20	0,18	1	A	P600 . -D13, ..
D4140-07-14.00A16-B	14	101	132	48	16	20	0,2	1	B	P600 . -D14, ..
D4140-07-15.00A16-B	15	108	140	48	16	20	0,23	1	B	P600 . -D15, ..
D4140-07-16.00A20-C	16	115	148	50	20	25	0,31	1	C	P600 . -D16, ..
D4140-07-17.00A20-C	17	122	156	50	20	25	0,33	1	C	P600 . -D17, ..
D4140-07-18.00A20-D	18	133	164	50	20	25	0,35	1	D	P600 . -D18, ..
D4140-07-19.00A20-D	19	136	172	50	20	25	0,37	1	D	P600 . -D19, ..
D4140-07-20.00A20-E	20	144	180	50	20	25	0,4	1	E	P600 . -D20, ..
D4140-07-21.00A20-E	21	151	188	50	20	25	0,43	1	E	P600 . -D21, ..
D4140-07-22.00A25-F	22	158	197	56	25	32	0,61	1	F	P600 . -D22, ..
D4140-07-23.00A25-F	23	165	205	56	25	32	0,65	1	F	P600 . -D23, ..
D4140-07-24.00A25-G	24	172	213	56	25	32	0,69	1	G	P600 . -D24, ..
D4140-07-25.00A25-G	25	180	221	56	25	32	0,76	1	G	P600 . -D25, ..
D4140-07-26.00A25-H	26	187	229	56	25	32	0,8	1	H	P600 . -D26, ..
D4140-07-27.00A25-H	27	194	237	56	25	32	0,85	1	H	P600 . -D27, ..
D4140-07-28.00A32-J	28	201	246	60	32	40	1,04	1	J	P600 . -D28, ..
D4140-07-29.00A32-J	29	208	254	60	32	40	1	1	J	P600 . -D29, ..
D4140-07-30.00A32-K	30	215	262	60	32	40	1,24	1	K	P600 . -D30, ..
D4140-07-31.00A32-K	31	223	270	60	32	40	1,3	1	K	P600 . -D31, ..



Cylindrical shank with flat

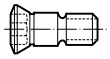
Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Version
D4140-07-12.00F16-A	12	86	116	48	16	20	0,16	1	A	P600 . -D12, ..
D4140-07-13.00F16-A	13	93	124	48	16	20	0,17	1	A	P600 . -D13, ..
D4140-07-14.00F16-B	14	101	132	48	16	20	0,19	1	B	P600 . -D14, ..
D4140-07-15.00F16-B	15	108	140	48	16	20	0,2	1	B	P600 . -D15, ..
D4140-07-16.00F20-C	16	115	148	50	20	25	0,3	1	C	P600 . -D16, ..
D4140-07-17.00F20-C	17	122	156	50	20	25	0,32	1	C	P600 . -D17, ..
D4140-07-18.00F20-D	18	126	164	50	20	25	0,34	1	D	P600 . -D18, ..
D4140-07-19.00F20-D	19	136	172	50	20	25	0,37	1	D	P600 . -D19, ..
D4140-07-20.00F20-E	20	144	180	50	20	25	0,39	1	E	P600 . -D20, ..
D4140-07-21.00F20-E	21	151	188	50	20	25	0,43	1	E	P600 . -D21, ..
D4140-07-22.00F25-F	22	158	197	56	25	32	0,6	1	F	P600 . -D22, ..
D4140-07-23.00F25-F	23	165	205	56	25	32	0,64	1	F	P600 . -D23, ..
D4140-07-24.00F25-G	24	172	213	56	25	32	0,68	1	G	P600 . -D24, ..
D4140-07-25.00F25-G	25	180	221	56	25	32	0,71	1	G	P600 . -D25, ..
D4140-07-26.00F25-H	26	187	229	56	25	32	0,8	1	H	P600 . -D26, ..

Bodies and assembly parts are included in the scope of delivery

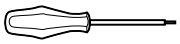
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

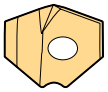
Assembly parts

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

Accessories

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

Interchangeable inserts

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

HC = beschichtetes Hartmetall

B1

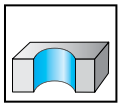
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 🙂 → Good = 😐 → Moderate = 😠

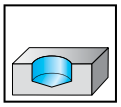
Exchangeable-tip drills

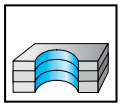
D4140 mm

Drion·tec™

B1



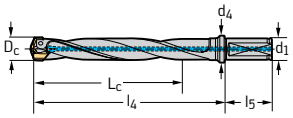




7×D_c | 140° | Z=2

	P	M	K	N	S	H	O
D4140	●●	●	●●	●●	●		

Tool



Cylindrical shank with flat

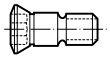
Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Version
D4140-07-27.00F25-H	27	194	237	56	25	32	0,82	1	H	P600 . -D27, ..
D4140-07-28.00F32-J	28	201	246	60	32	40	1	1	J	P600 . -D28, ..
D4140-07-29.00F32-J	29	208	254	60	32	40	1,14	1	J	P600 . -D29, ..
D4140-07-30.00F32-K	30	215	262	60	32	40	1,24	1	K	P600 . -D30, ..
D4140-07-31.00F32-K	31	223	270	60	32	40	1,3	1	K	P600 . -D31, ..
D4140-07-32.00F40-M	32	230	278	70	40	50	1,8	1	M	P600 . -D32, ..
D4140-07-33.00F40-M	33	237	286	70	40	50	1,86	1	M	P600 . -D33, ..
D4140-07-34.00F40-N	34	244	294	70	40	50	1,94	1	N	P600 . -D34, ..
D4140-07-35.00F40-N	35	251	302	70	40	50	2,06	1	N	P600 . -D35, ..
D4140-07-36.00F40-P	36	259	310	70	40	50	2,09	1	P	P600 . -D36, ..
D4140-07-37.00F40-P	37	266	318	70	40	50	2,21	1	P	P600 . -D37, ..

Bodies and assembly parts are included in the scope of delivery

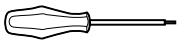
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

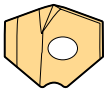
Assembly parts

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

Accessories

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

Interchangeable inserts

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

HC = beschichtetes Hartmetall

B1

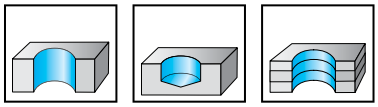
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 🙂 → Good = 😐 → Moderate = 😠

Exchangeable-tip drills

D4140 mm

Drion·tec™

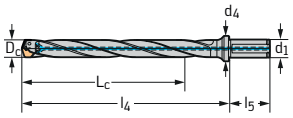
– P6006 – Can be used without pilot drilling up to 10 × D_c



	P	M	K	N	S	H	O
D4140	●●	●	●●	●●	●		

B1

Tool



Cylindrical shank with flat

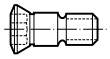
Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Seat size	Version
D4140-10-12.00F16-A	12	120	152	48	16	20	0,16	1	A	P600 . -D12, ..
D4140-10-13.00F16-A	13	130	163	48	16	20	0,18	1	A	P600 . -D13, ..
D4140-10-14.00F16-B	14	140	174	48	16	20	0,2	1	B	P600 . -D14, ..
D4140-10-15.00F16-B	15	150	185	48	16	20	0,22	1	B	P600 . -D15, ..
D4140-10-16.00F20-C	16	160	196	50	20	25	0,31	1	C	P600 . -D16, ..
D4140-10-17.00F20-C	17	170	207	50	20	25	0,34	1	C	P600 . -D17, ..
D4140-10-18.00F20-D	18	180	218	50	20	25	0,4	1	D	P600 . -D18, ..
D4140-10-19.00F20-D	19	190	229	50	20	25	0,4	1	D	P600 . -D19, ..
D4140-10-20.00F20-E	20	200	240	50	20	25	0,48	1	E	P600 . -D20, ..
D4140-10-21.00F20-E	21	210	251	50	20	25	0,49	1	E	P600 . -D21, ..
D4140-10-22.00F25-F	22	220	263	56	25	32	0,71	1	F	P600 . -D22, ..
D4140-10-23.00F25-F	23	230	273	56	25	32	0,75	1	F	P600 . -D23, ..
D4140-10-24.00F25-G	24	240	285	56	25	32	0,82	1	G	P600 . -D24, ..
D4140-10-25.00F25-G	25	250	296	56	25	32	0,87	1	G	P600 . -D25, ..

Bodies and assembly parts are included in the scope of delivery

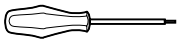
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

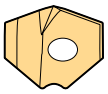
Assembly parts

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

Accessories

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

Interchangeable inserts

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

HC = beschichtetes Hartmetall

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

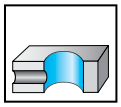
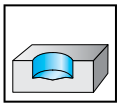
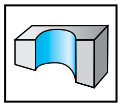
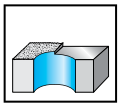
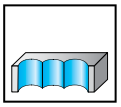
☺ ☻ ☹ / ★ = New addition to the product range

Indexable insert drills

D4120 mm

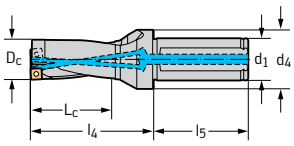
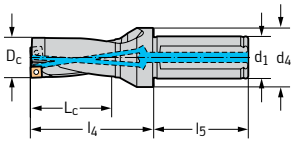
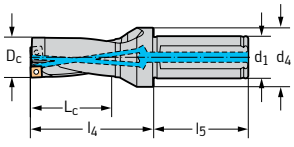
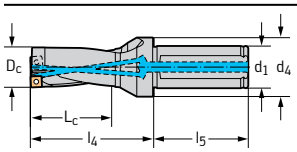
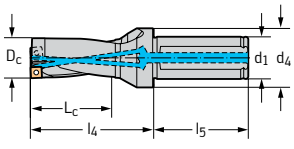
Drion·tec™

B1

2×D_c | Z=1

	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

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

Bodies and assembly parts are included in the scope of delivery

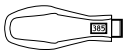
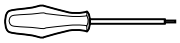
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	P				M		K		N		S
				HC				HC		HC	HC	HW	HC
			WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G
	P4840C-.R-E67	1–8		😐	😐	😐	😐	😐		😐			😐
	P4840C-.R-E77	1–8									😊	😊	
	P4841C-.R-A57	1–8		😐	😐	😐	😐	😐		😐			😐
	P4841C-.R-E57	1–8		😑	😐	😐	😐	😐		😐			😐
	P4840C-2R-E67	2		😐	😐	😐	😐	😐		😐			😐
	P4840C-2R-E77	2									😊	😊	
	P4841C-2R-A57	2		😐	😐	😐	😐	😐		😐			😐
	P4841C-2R-E57	2		😑	😐	😐	😐	😐		😐			😐
	P4840C-3R-E67	3		😐	😐	😐	😐	😐		😐			😐
	P4840C-3R-E77	3									😊	😊	
	P4841C-3R-A57	3		😐	😐	😐	😐	😐		😐			😐
	P4841C-3R-E57	3		😑	😐	😐	😐	😐		😐			😐
	P4840P-.R-A57	1–8	😑	😐	😐		😐		😑	😐			😐
	P4840P-.R-E57	1–8	😊	😑	😐		😐		😑	😐			😐
	P4840P-.R-E67	1–8	😊	😐	😐		😐		😑	😐			😐
	P4840P-.R-E77	1–8									😊	😊	
	P4841P-.R-A57	1–8	😑	😐	😐		😐		😑	😐			😐
	P4841P-.R-E57	1–8	😊	😑	😐		😐		😑	😐			😐
	P4840P-2R-A57	2	😑	😐	😐		😐		😑	😐			😐
	P4840P-2R-E57	2	😊	😑	😐		😐		😑	😐			😐
	P4840P-2R-E67	2	😊	😐	😐		😐		😑	😐			😐
	P4840P-2R-E77	2									😊	😊	
	P4841P-2R-A57	2	😑	😐	😐		😐		😑	😐			😐
	P4841P-2R-E57	2	😊	😑	😐		😐		😑	😐			😐
	P4840P-3R-A57	3	😑	😐	😐		😐		😑	😐			😐
	P4840P-3R-E57	3	😊	😑	😐		😐		😑	😐			😐
	P4840P-3R-E67	3	😊	😐	😐		😐		😑	😐			😐
	P4840P-3R-E77	3									😊	😊	
	P4841P-3R-A57	3	😑	😐	😐		😐		😑	😐			😐
	P4841P-3R-E57	3	😊	😑	😐		😐		😑	😐			😐

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

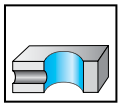
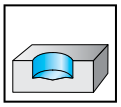
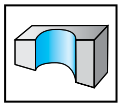
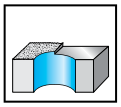
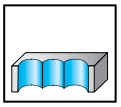
😊 😑 😐 / ★ = New addition to the product range

Indexable insert drills

D4120 mm

Drion·tec™

B1

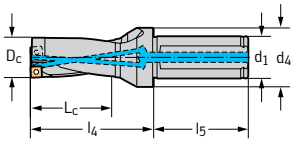






2×D_c | Z=1

	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

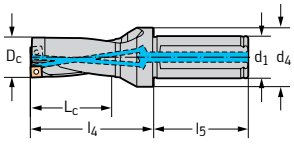
Tool

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



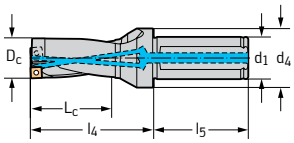
Cylindrical shank with flat

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D4120-02-43.00F40-P47	43	86	126	70	40	50	1,67	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
D4120-02-44.00F40-P47	44	88	128	70	40	50	1,71	1 / 1	
D4120-02-45.00F40-P47	45	90	130	70	40	50	1,76	1 / 1	
D4120-02-46.00F40-P47	46	92	132	70	40	50	1,81	1 / 1	
D4120-02-47.00F40-P47	47	94	134	70	40	50	1,84	1 / 1	
D4120-02-48.00F40-P47	48	96	136	70	40	50	1,91	1 / 1	
D4120-02-49.00F40-P47	49	98	138	70	40	50	1,9	1 / 1	
D4120-02-50.00F40-P47	50	100	140	70	40	50	2,01	1 / 1	



Cylindrical shank with flat

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D4120-02-51.00F40-P48	51	102	142	70	40	50	2,09	1 / 1	P484 . P-8R- .. P484 . C-8R- ..
D4120-02-52.00F40-P48	52	104	144	70	40	50	2,04	1 / 1	
D4120-02-53.00F40-P48	53	106	146	70	40	50	2,21	1 / 1	
D4120-02-54.00F40-P48	54	108	148	70	40	50	2,28	1 / 1	
D4120-02-55.00F40-P48	55	110	150	70	40	50	2,35	1 / 1	
D4120-02-56.00F40-P48	56	112	152	70	40	50	2,42	1 / 1	
D4120-02-57.00F40-P48	57	114	154	70	40	50	2,5	1 / 1	
D4120-02-58.00F40-P48	58	116	156	70	40	50	2,57	1 / 1	
D4120-02-59.00F40-P48	59	118	158	70	40	50	2,65	1 / 1	



Cylindrical shank with flat

Bodies and assembly parts are included in the scope of delivery

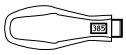
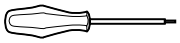
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	P				M		K		N		S
				HC				HC		HC	HC	HW	HC
			WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G
	P4840C-.R-E67	1–8		😠	😠	😠	😠	😠		😠			😠
	P4840C-.R-E77	1–8									😊	😊	
	P4841C-.R-A57	1–8		😠	😠	😠	😠	😠		😠			😠
	P4841C-.R-E57	1–8		😐	😠	😠	😠	😠		😠			😠
	P4840C-2R-E67	2		😠	😠	😠	😠	😠		😠			😠
	P4840C-2R-E77	2									😊	😊	
	P4841C-2R-A57	2		😠	😠	😠	😠	😠		😠			😠
	P4841C-2R-E57	2		😐	😠	😠	😠	😠		😠			😠
	P4840C-3R-E67	3		😠	😠	😠	😠	😠		😠			😠
	P4840C-3R-E77	3									😊	😊	
	P4841C-3R-A57	3		😠	😠	😠	😠	😠		😠			😠
	P4841C-3R-E57	3		😐	😠	😠	😠	😠		😠			😠
	P4840P-.R-A57	1–8	😐	😠	😠		😠		😐	😠			😠
	P4840P-.R-E57	1–8	😊	😐	😠		😠		😐	😠			😠
	P4840P-.R-E67	1–8	😊	😠	😠		😠		😐	😠			😠
	P4840P-.R-E77	1–8									😊	😊	
	P4841P-.R-A57	1–8	😐	😠	😠		😠		😐	😠			😠
	P4841P-.R-E57	1–8	😊	😐	😠		😠		😐	😠			😠
	P4840P-2R-A57	2	😐	😠	😠		😠		😐	😠			😠
	P4840P-2R-E57	2	😊	😐	😠		😠		😐	😠			😠
	P4840P-2R-E67	2	😊	😠	😠		😠		😐	😠			😠
	P4840P-2R-E77	2									😊	😊	
	P4841P-2R-A57	2	😐	😠	😠		😠		😐	😠			😠
	P4841P-2R-E57	2	😊	😐	😠		😠		😐	😠			😠
	P4840P-3R-A57	3	😐	😠	😠		😠		😐	😠			😠
	P4840P-3R-E57	3	😊	😐	😠		😠		😐	😠			😠
	P4840P-3R-E67	3	😊	😠	😠		😠		😐	😠			😠
	P4840P-3R-E77	3									😊	😊	
	P4841P-3R-A57	3	😐	😠	😠		😠		😐	😠			😠
	P4841P-3R-E57	3	😊	😐	😠		😠		😐	😠			😠

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

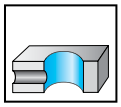
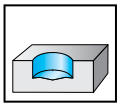
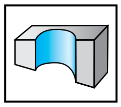
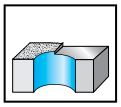
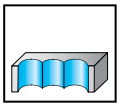
😊 😐 😠 / ★ = New addition to the product range

Indexable insert drills

D4120 mm

Drion·tec™

B1

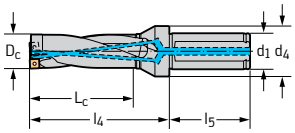






3×D_c | Z=1

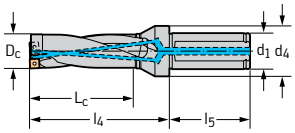
	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

Tool

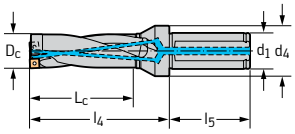
Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D4120-03-13.50F20-P41	13,5	40,5	60,5	50	20	25	0,16	1 / 1	P484 . P-1R- .. P484 . C-1R- ..
D4120-03-14.00F20-P41	14	42	62	50	20	25	0,17	1 / 1	
D4120-03-14.50F20-P41	14,5	43,5	63,5	50	20	25	0,24	1 / 1	
D4120-03-15.00F20-P41	15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



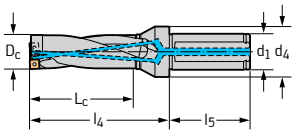
Cylindrical shank with flat



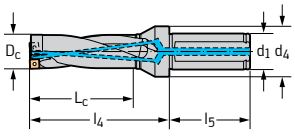
Cylindrical shank with flat



Cylindrical shank with flat



Cylindrical shank with flat



Cylindrical shank with flat

Bodies and assembly parts are included in the scope of delivery

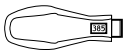
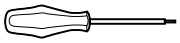
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	P				M		K		N		S
				HC				HC		HC	HC	HW	HC
			WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G
	P4840C-.R-E67	1–8		☹	☹	☹	☹	☹		☹			☹
	P4840C-.R-E77	1–8									☺	☺	
	P4841C-.R-A57	1–8		☹	☹	☹	☹	☹		☹			☹
	P4841C-.R-E57	1–8		😐	☹	☹	☹	☹		☹			☹
	P4840C-2R-E67	2		☹	☹	☹	☹	☹		☹			☹
	P4840C-2R-E77	2									☺	☺	
	P4841C-2R-A57	2		☹	☹	☹	☹	☹		☹			☹
	P4841C-2R-E57	2		😐	☹	☹	☹	☹		☹			☹
	P4840C-3R-E67	3		☹	☹	☹	☹	☹		☹			☹
	P4840C-3R-E77	3									☺	☺	
	P4841C-3R-A57	3		☹	☹	☹	☹	☹		☹			☹
	P4841C-3R-E57	3		😐	☹	☹	☹	☹		☹			☹
	P4840P-.R-A57	1–8	😐	☹	☹		☹		😐	☹			☹
	P4840P-.R-E57	1–8	☺	😐	☹		☹		😐	☹			☹
	P4840P-.R-E67	1–8	☺	☹	☹		☹		😐	☹			☹
	P4840P-.R-E77	1–8									☺	☺	
	P4841P-.R-A57	1–8	😐	☹	☹		☹		😐	☹			☹
	P4841P-.R-E57	1–8	☺	😐	☹		☹		😐	☹			☹
	P4840P-2R-A57	2	😐	☹	☹		☹		😐	☹			☹
	P4840P-2R-E57	2	☺	😐	☹		☹		😐	☹			☹
	P4840P-2R-E67	2	☺	☹	☹		☹		😐	☹			☹
	P4840P-2R-E77	2									☺	☺	
	P4841P-2R-A57	2	😐	☹	☹		☹		😐	☹			☹
	P4841P-2R-E57	2	☺	😐	☹		☹		😐	☹			☹
	P4840P-3R-A57	3	😐	☹	☹		☹		😐	☹			☹
	P4840P-3R-E57	3	☺	😐	☹		☹		😐	☹			☹
	P4840P-3R-E67	3	☺	☹	☹		☹		😐	☹			☹
	P4840P-3R-E77	3									☺	☺	
	P4841P-3R-A57	3	😐	☹	☹		☹		😐	☹			☹
	P4841P-3R-E57	3	☺	😐	☹		☹		😐	☹			☹

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

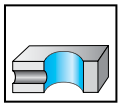
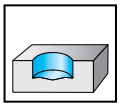
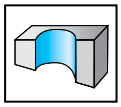
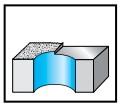
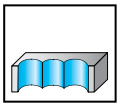
☺ 😐 ☹ / ★ = New addition to the product range

Indexable insert drills

D4120 mm

Drion·tec™

B1

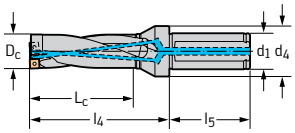






3×D_c | Z=1

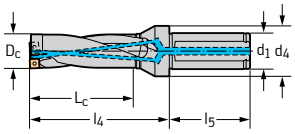
	P	M	K	N	S	H	O
D4120	●●	●●	●●	●●	●●		

Tool

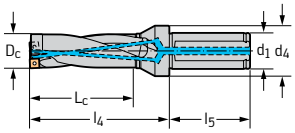
Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D4120-03-36.00F32-P46	36	108	140	60	32	42	1,02	1 / 1	P484 . P-6R- .. P484 . C-6R- ..
D4120-03-37.00F40-P46	37	111	151	70	40	50	1,68	1 / 1	
D4120-03-38.00F40-P46	38	114	154	70	40	50	1,17	1 / 1	
D4120-03-39.00F40-P46	39	117	157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



Cylindrical shank with flat



Cylindrical shank with flat



Cylindrical shank with flat

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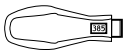
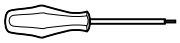
New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	P				M		K		N		S
				HC				HC		HC	HC	HW	HC
			WKP25S	WKP35S	WSP45G	WXP40	WSP45G	WXP40	WKP25S	WKP35S	WNN15	WN15	WSP45G
	P4840C-.R-E67	1–8		😐	😐	😐	😐	😐		😐			😐
	P4840C-.R-E77	1–8									😊	😊	
	P4841C-.R-A57	1–8		😐	😐	😐	😐	😐		😐			😐
	P4841C-.R-E57	1–8		😑	😐	😐	😐	😐		😐			😐
	P4840C-2R-E67	2		😐	😐	😐	😐	😐		😐			😐
	P4840C-2R-E77	2									😊	😊	
	P4841C-2R-A57	2		😐	😐	😐	😐	😐		😐			😐
	P4841C-2R-E57	2		😑	😐	😐	😐	😐		😐			😐
	P4840C-3R-E67	3		😐	😐	😐	😐	😐		😐			😐
	P4840C-3R-E77	3									😊	😊	
	P4841C-3R-A57	3		😐	😐	😐	😐	😐		😐			😐
	P4841C-3R-E57	3		😑	😐	😐	😐	😐		😐			😐
	P4840P-.R-A57	1–8	😑	😐	😐		😐		😑	😐			😐
	P4840P-.R-E57	1–8	😊	😑	😐		😐		😑	😐			😐
	P4840P-.R-E67	1–8	😊	😐	😐		😐		😑	😐			😐
	P4840P-.R-E77	1–8									😊	😊	
	P4841P-.R-A57	1–8	😑	😐	😐		😐		😑	😐			😐
	P4841P-.R-E57	1–8	😊	😑	😐		😐		😑	😐			😐
	P4840P-2R-A57	2	😑	😐	😐		😐		😑	😐			😐
	P4840P-2R-E57	2	😊	😑	😐		😐		😑	😐			😐
	P4840P-2R-E67	2	😊	😐	😐		😐		😑	😐			😐
	P4840P-2R-E77	2									😊	😊	
	P4841P-2R-A57	2	😑	😐	😐		😐		😑	😐			😐
	P4841P-2R-E57	2	😊	😑	😐		😐		😑	😐			😐
	P4840P-3R-A57	3	😑	😐	😐		😐		😑	😐			😐
	P4840P-3R-E57	3	😊	😑	😐		😐		😑	😐			😐
	P4840P-3R-E67	3	😊	😐	😐		😐		😑	😐			😐
	P4840P-3R-E77	3									😊	😊	
	P4841P-3R-A57	3	😑	😐	😐		😐		😑	😐			😐
	P4841P-3R-E57	3	😊	😑	😐		😐		😑	😐			😐

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

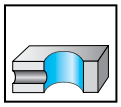
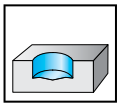
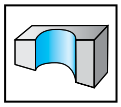
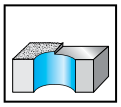
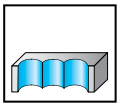
😊 😑 😐 / ★ = New addition to the product range

Indexable insert drills

D4120 mm

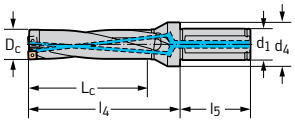
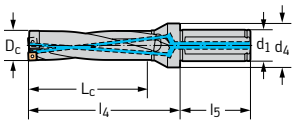
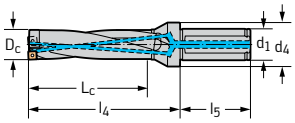
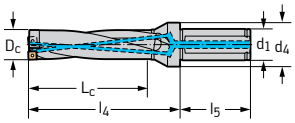
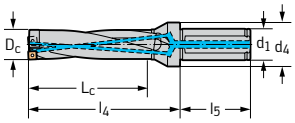
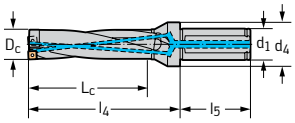
Drion·tec™

B1

4×D_c | Z=1

	P	M	K	N	S	H	O
D4120	●●	●	●●	●●	●		

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

Bodies and assembly parts are included in the scope of delivery

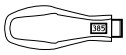
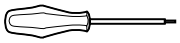
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-2R-E67	2		😖	😖	😖		😖	😖				😖
	P4840C-2R-E77	2									😀	😀	
	P4841C-2R-A57	2		😖	😖	😖		😖	😖				😖
	P4841C-2R-E57	2		😐	😖	😖		😖	😖				😖
	P4840C-3R-E67	3		😖	😖	😖		😖	😖				😖
	P4840C-3R-E77	3									😀	😀	
	P4841C-3R-A57	3		😖	😖	😖		😖	😖				😖
	P4841C-3R-E57	3		😐	😖	😖		😖	😖				😖
	P4840C-.R-E67	4–8		😖	😖	😖		😖	😖				😖
	P4840C-.R-E77	4–8									😀	😀	
	P4841C-.R-A57	4–8		😖	😖	😖		😖	😖				😖
	P4841C-.R-E57	4–8		😐	😖	😖		😖	😖				😖
	P4840P-2R-A57	2	😐	😖	😖			😖		😐	😖			😖
	P4840P-2R-E57	2	😀	😐	😖			😖		😐	😖			😖
	P4840P-2R-E67	2	😀	😖	😖			😖		😐	😖			😖
	P4840P-2R-E77	2									😀	😀	
	P4841P-2R-A57	2	😐	😖	😖			😖		😐	😖			😖
	P4841P-2R-E57	2	😀	😐	😖			😖		😐	😖			😖
	P4840P-3R-A57	3	😐	😖	😖			😖		😐	😖			😖
	P4840P-3R-E57	3	😀	😐	😖			😖		😐	😖			😖
	P4840P-3R-E67	3	😀	😖	😖			😖		😐	😖			😖
	P4840P-3R-E77	3									😀	😀	
	P4841P-3R-A57	3	😐	😖	😖			😖		😐	😖			😖
	P4841P-3R-E57	3	😀	😐	😖			😖		😐	😖			😖
	P4840P-.R-A57	4–8	😐	😖	😖			😖		😐	😖			😖
	P4840P-.R-E57	4–8	😀	😐	😖			😖		😐	😖			😖
	P4840P-.R-E67	4–8	😀	😖	😖			😖		😐	😖			😖
	P4840P-.R-E77	4–8									😀	😀	
	P4841P-.R-A57	4–8	😐	😖	😖			😖		😐	😖			😖
	P4841P-.R-E57	4–8	😀	😐	😖			😖		😐	😖			😖

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

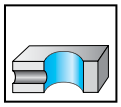
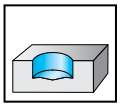
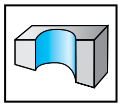
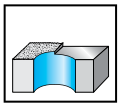
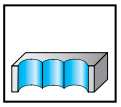
😀 😐 😖 / ★ = New addition to the product range

Indexable insert drills

D4120 mm

Drion·tec™

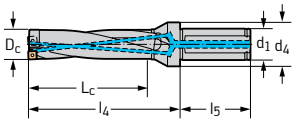
B1

4×D_c | Z=1

	P	M	K	N	S	H	O
D4120	●●	●	●●	●●	●		

Tool



Cylindrical shank with flat

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D4120-04-51.00F40-P48	51	204	244	70	40	50	2,98	1 / 1	P484 . P-8R- .. P484 . C-8R- ..
D4120-04-52.00F40-P48	52	208	248	70	40	50	3,11	1 / 1	
D4120-04-53.00F40-P48	53	212	252	70	40	50	3,25	1 / 1	
D4120-04-54.00F40-P48	54	216	256	70	40	50	3,32	1 / 1	
D4120-04-55.00F40-P48	55	220	260	70	40	50	3,44	1 / 1	
D4120-04-56.00F40-P48	56	224	264	70	40	50	3,6	1 / 1	
D4120-04-57.00F40-P48	57	228	268	70	40	50	3,8	1 / 1	
D4120-04-58.00F40-P48	58	232	272	70	40	50	3,97	1 / 1	
D4120-04-59.00F40-P48	59	236	276	70	40	50	4,09	1 / 1	

Bodies and assembly parts are included in the scope of delivery

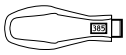
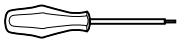
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-2R-E67	2		😐	😐	😐	😐	😐		😐			😐
	P4840C-2R-E77	2									😊	😊	
	P4841C-2R-A57	2		😐	😐	😐	😐	😐		😐			😐
	P4841C-2R-E57	2		😑	😐	😐	😐	😐		😐			😐
	P4840C-3R-E67	3		😐	😐	😐	😐	😐		😐			😐
	P4840C-3R-E77	3									😊	😊	
	P4841C-3R-A57	3		😐	😐	😐	😐	😐		😐			😐
	P4841C-3R-E57	3		😑	😐	😐	😐	😐		😐			😐
	P4840C-.R-E67	4–8		😐	😐	😐	😐	😐		😐			😐
	P4840C-.R-E77	4–8									😊	😊	
	P4841C-.R-A57	4–8		😐	😐	😐	😐	😐		😐			😐
	P4841C-.R-E57	4–8		😑	😐	😐	😐	😐		😐			😐
	P4840P-2R-A57	2	😑	😐	😐		😐		😑	😐			😐
	P4840P-2R-E57	2	😊	😑	😐		😐		😑	😐			😐
	P4840P-2R-E67	2	😊	😐	😐		😐		😑	😐			😐
	P4840P-2R-E77	2									😊	😊	
	P4841P-2R-A57	2	😑	😐	😐		😐		😑	😐			😐
	P4841P-2R-E57	2	😊	😑	😐		😐		😑	😐			😐
	P4840P-3R-A57	3	😑	😐	😐		😐		😑	😐			😐
	P4840P-3R-E57	3	😊	😑	😐		😐		😑	😐			😐
	P4840P-3R-E67	3	😊	😐	😐		😐		😑	😐			😐
	P4840P-3R-E77	3									😊	😊	
	P4841P-3R-A57	3	😑	😐	😐		😐		😑	😐			😐
	P4841P-3R-E57	3	😊	😑	😐		😐		😑	😐			😐
	P4840P-.R-A57	4–8	😑	😐	😐		😐		😑	😐			😐
	P4840P-.R-E57	4–8	😊	😑	😐		😐		😑	😐			😐
	P4840P-.R-E67	4–8	😊	😐	😐		😐		😑	😐			😐
	P4840P-.R-E77	4–8									😊	😊	
	P4841P-.R-A57	4–8	😑	😐	😐		😐		😑	😐			😐
	P4841P-.R-E57	4–8	😊	😑	😐		😐		😑	😐			😐

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

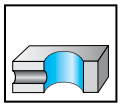
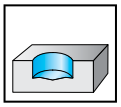
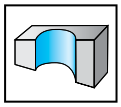
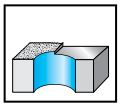
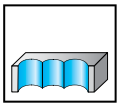
😊 😑 😐 / ★ = New addition to the product range

Indexable insert drills

D4120 mm

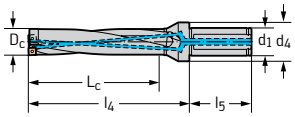
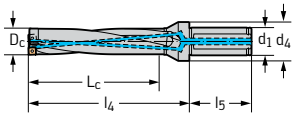
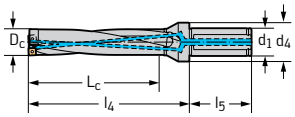
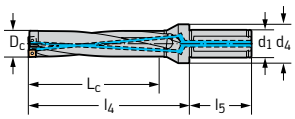
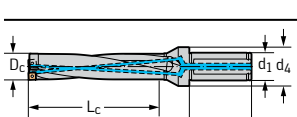
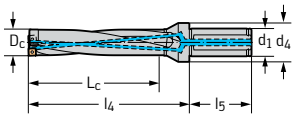
Drion·tec™

B1

5×D_c | Z=1

	P	M	K	N	S	H	O
D4120	●●		●●	●●			

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

Bodies and assembly parts are included in the scope of delivery

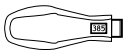
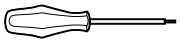
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-2R-E67	2		😣	😣	😣	😣	😣		😣			😣
	P4840C-2R-E77	2									😊	😊	
	P4841C-2R-A57	2		😣	😣	😣	😣	😣		😣			😣
	P4841C-2R-E57	2		😐	😣	😣	😣	😣		😣			😣
	P4840C-3R-E67	3		😣	😣	😣	😣	😣		😣			😣
	P4840C-3R-E77	3									😊	😊	
	P4841C-3R-A57	3		😣	😣	😣	😣	😣		😣			😣
	P4841C-3R-E57	3		😐	😣	😣	😣	😣		😣			😣
	P4840C-.R-E67	4–8		😣	😣	😣	😣	😣		😣			😣
	P4840C-.R-E77	4–8									😊	😊	
	P4841C-.R-A57	4–8		😣	😣	😣	😣	😣		😣			😣
	P4841C-.R-E57	4–8		😐	😣	😣	😣	😣		😣			😣
	P4840P-2R-A57	2	😐	😣	😣		😣		😐	😣			😣
	P4840P-2R-E57	2	😊	😐	😣		😣		😐	😣			😣
	P4840P-2R-E67	2	😊	😣	😣		😣		😐	😣			😣
	P4840P-2R-E77	2									😊	😊	
	P4841P-2R-A57	2	😐	😣	😣		😣		😐	😣			😣
	P4841P-2R-E57	2	😊	😐	😣		😣		😐	😣			😣
	P4840P-3R-A57	3	😐	😣	😣		😣		😐	😣			😣
	P4840P-3R-E57	3	😊	😐	😣		😣		😐	😣			😣
	P4840P-3R-E67	3	😊	😣	😣		😣		😐	😣			😣
	P4840P-3R-E77	3									😊	😊	
	P4841P-3R-A57	3	😐	😣	😣		😣		😐	😣			😣
	P4841P-3R-E57	3	😊	😐	😣		😣		😐	😣			😣
	P4840P-.R-A57	4–8	😐	😣	😣		😣		😐	😣			😣
	P4840P-.R-E57	4–8	😊	😐	😣		😣		😐	😣			😣
	P4840P-.R-E67	4–8	😊	😣	😣		😣		😐	😣			😣
	P4840P-.R-E77	4–8									😊	😊	
	P4841P-.R-A57	4–8	😐	😣	😣		😣		😐	😣			😣
	P4841P-.R-E57	4–8	😊	😐	😣		😣		😐	😣			😣

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

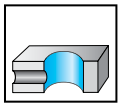
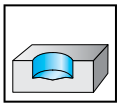
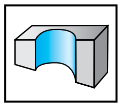
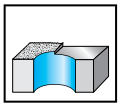
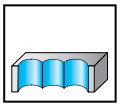
😊 😐 😣 / ★ = New addition to the product range

Indexable insert drills

D4120 mm

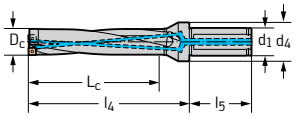
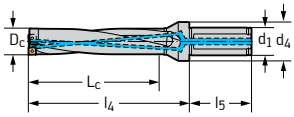
Drion·tec™

B1

5×D_c | Z=1

	P	M	K	N	S	H	O
D4120	●●		●●	●●			

Tool	Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
 Cylindrical shank with flat	D4120-05-50.00F40-P47	50	250	290	70	40	50	3,39	1 / 1	P484 . P-7R- .. P484 . C-7R- ..
 Cylindrical shank with flat	D4120-05-51.00F40-P48	51	255	295	70	40	50	3,45	1 / 1	P484 . P-8R- .. P484 . C-8R- ..
	D4120-05-52.00F40-P48	52	260	300	70	40	50	3,61	1 / 1	
	D4120-05-53.00F40-P48	53	265	305	70	40	50	3,74	1 / 1	
	D4120-05-54.00F40-P48	54	270	310	70	40	50	3,86	1 / 1	
	D4120-05-55.00F40-P48	55	275	315	70	40	50	4,07	1 / 1	
	D4120-05-56.00F40-P48	56	280	320	70	40	50	4,22	1 / 1	
	D4120-05-57.00F40-P48	57	285	325	70	40	50	4,2	1 / 1	
	D4120-05-58.00F40-P48	58	290	330	70	40	50	4,39	1 / 1	
	D4120-05-59.00F40-P48	59	295	335	70	40	50	4,8	1 / 1	

Bodies and assembly parts are included in the scope of delivery

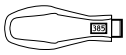
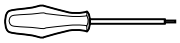
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P4840C-2R-E67	2		☹	☹	☹	☹	☹		☹			☹
	P4840C-2R-E77	2									☺	☺	
	P4841C-2R-A57	2		☹	☹	☹	☹	☹		☹			☹
	P4841C-2R-E57	2		😐	☹	☹	☹	☹		☹			☹
	P4840C-3R-E67	3		☹	☹	☹	☹	☹		☹			☹
	P4840C-3R-E77	3									☺	☺	
	P4841C-3R-A57	3		☹	☹	☹	☹	☹		☹			☹
	P4841C-3R-E57	3		😐	☹	☹	☹	☹		☹			☹
	P4840C-.R-E67	4–8		☹	☹	☹	☹	☹		☹			☹
	P4840C-.R-E77	4–8									☺	☺	
	P4841C-.R-A57	4–8		☹	☹	☹	☹	☹		☹			☹
	P4841C-.R-E57	4–8		😐	☹	☹	☹	☹		☹			☹
	P4840P-2R-A57	2	😐	☹	☹		☹		😐	☹			☹
	P4840P-2R-E57	2	☺	😐	☹		☹		😐	☹			☹
	P4840P-2R-E67	2	☺	☹	☹		☹		😐	☹			☹
	P4840P-2R-E77	2									☺	☺	
	P4841P-2R-A57	2	😐	☹	☹		☹		😐	☹			☹
	P4841P-2R-E57	2	☺	😐	☹		☹		😐	☹			☹
	P4840P-3R-A57	3	😐	☹	☹		☹		😐	☹			☹
	P4840P-3R-E57	3	☺	😐	☹		☹		😐	☹			☹
	P4840P-3R-E67	3	☺	☹	☹		☹		😐	☹			☹
	P4840P-3R-E77	3									☺	☺	
	P4841P-3R-A57	3	😐	☹	☹		☹		😐	☹			☹
	P4841P-3R-E57	3	☺	😐	☹		☹		😐	☹			☹
	P4840P-.R-A57	4–8	😐	☹	☹		☹		😐	☹			☹
	P4840P-.R-E57	4–8	☺	😐	☹		☹		😐	☹			☹
	P4840P-.R-E67	4–8	☺	☹	☹		☹		😐	☹			☹
	P4840P-.R-E77	4–8									☺	☺	
	P4841P-.R-A57	4–8	😐	☹	☹		☹		😐	☹			☹
	P4841P-.R-E57	4–8	☺	😐	☹		☹		😐	☹			☹

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

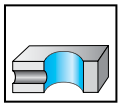
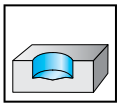
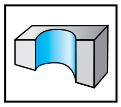
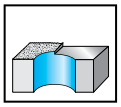
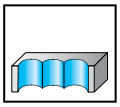
☺ 😐 ☹ / ★ = New addition to the product range

Indexable insert drill with cartridge

D4170 mm

Drion·tec™

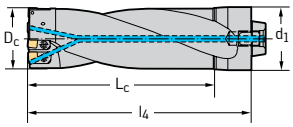
B1

D_c 65–80	3×D_c	Z=1

	P	M	K	N	S	H	O
D4170	●●	●●	●●	●●	●●		

Tool



Modular NCT adaptor

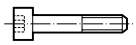
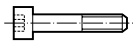
Designation	D_c mm	L_c mm	l_4 mm	d_1 mm	d_1	kg	No. of inserts	Type
D4170-03-65.00N8-P45	65	195	245	80	NCT 80	4,32	3 / 1	P484 . P-5R- .. P484 . C-5R- ..
D4170-03-68.00N8-P46	68	204	254	80	NCT 80	4,4	3 / 1	P484 . P-6R- .. P484 . C-6R- ..
D4170-03-70.00N8-P46	70	210	260	80	NCT 80	4,64	3 / 1	
D4170-03-78.00N8-P46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

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

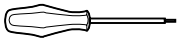
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

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

Accessories

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

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

Indexable inserts

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

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

HC = Coated carbide
HW = Uncoated carbide

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

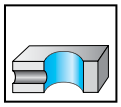
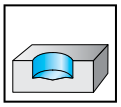
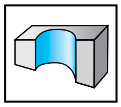
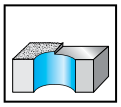
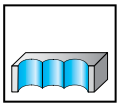
☺ 😐 ☹ / ★ = New addition to the product range

Indexable insert drills

D3120 mm

Drion·tec™

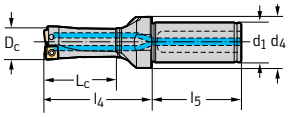
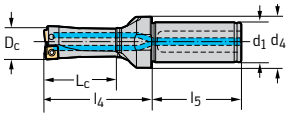
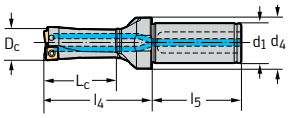
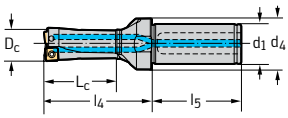
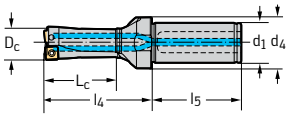
B1

2×D_c | Z=1

	P	M	K	N	S	H	O
D3120	●●	●●	●●	●●	●●		

Tool

	Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
 Cylindrical shank with flat	D3120-02-16.00F25-P21	16	32	57	56	25	32	0,3	2	P284 . S-1N- ..
	D3120-02-17.00F25-P21	17	34	59	56	25	32	0,31	2	
	D3120-02-18.00F25-P21	18	36	61	56	25	32	0,31	2	
	D3120-02-19.00F25-P21	19	38	63	56	25	32	0,32	2	
	D3120-02-20.00F25-P21	20	40	65	56	25	32	0,34	2	
 Cylindrical shank with flat	D3120-02-21.00F25-P22	21	42	67	56	25	32	0,36	2	P284 . S-2N- ..
	D3120-02-22.00F25-P22	22	44	69	56	25	32	0,35	2	
	D3120-02-23.00F25-P22	23	46	71	56	25	32	0,36	2	
	D3120-02-24.00F25-P22	24	48	73	56	25	32	0,37	2	
	D3120-02-25.00F25-P22	25	50	75	56	25	32	0,39	2	
 Cylindrical shank with flat	D3120-02-26.00F32-P23	26	52	84	60	32	40	0,62	2	P284 . S-3N- ..
	D3120-02-27.00F32-P23	27	54	86	60	32	40	0,68	2	
	D3120-02-28.00F32-P23	28	56	88	60	32	40	0,66	2	
	D3120-02-29.00F32-P23	29	58	90	60	32	40	0,69	2	
	D3120-02-30.00F32-P23	30	60	92	60	32	40	0,71	2	
 Cylindrical shank with flat	D3120-02-31.00F32-P24	31	62	94	60	32	40	0,69	2	P284 . S-4N- ..
	D3120-02-32.00F32-P24	32	64	96	60	32	40	0,72	2	
	D3120-02-33.00F32-P24	33	66	98	60	32	40	0,75	2	
	D3120-02-34.00F32-P24	34	68	100	60	32	40	0,78	2	
	D3120-02-35.00F32-P24	35	70	102	60	32	40	0,81	2	
	D3120-02-36.00F32-P24	36	72	104	60	32	40	0,85	2	
 Cylindrical shank with flat	D3120-02-37.00F40-P25	37	74	114	70	40	50	1,28	2	P284 . S-5N- ..
	D3120-02-38.00F40-P25	38	76	116	70	40	50	1,32	2	
	D3120-02-39.00F40-P25	39	78	118	70	40	50	1,36	2	
	D3120-02-40.00F40-P25	40	80	120	70	40	50	1,39	2	
	D3120-02-41.00F40-P25	41	82	122	70	40	50	1,44	2	
	D3120-02-42.00F40-P25	42	84	124	70	40	50	1,48	2	

Bodies and assembly parts are included in the scope of delivery

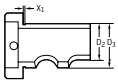
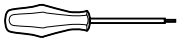
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [mm]	16–20	21–25	26–30	31–36	37–42
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm	FS1456 (T9IP) 2 Nm	FS2181 (T15IP) 3 Nm	FS2119 (T15IP) 3 Nm	FS2139 (T20IP) 5 Nm

Accessories

	D_c [mm]	16–20	21–25	26–36	37–42
	Eccentric sleeve, adj. range dia. -0.2 to +0.55 mm	FS722	FS722	FS723	FS724
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P2840S-.N-A57	1–5	😐	☹	☹	☹	☹	☹	😐	☹			☹
	P2840S-.N-E67	1–5		☹	☹	☹	☹	☹		☹			☹
	P2840S-.N-E77	1–5									☺	☺	
	P2841S-.N-A57	1–5	😐	☹	☹	☹	☹	☹	😐	☹			☹
	P2841S-.N-E57	1–5	☺	😐	☹	☹	☹	☹	😐	☹			☹
	P2841S-.N-E67	1–5		☹	☹	☹	☹	☹		☹			☹
	P2840S-2N-A57	2	😐	☹	☹	☹	☹	☹	😐	☹			☹
	P2840S-2N-E67	2		☹	☹	☹	☹	☹		☹			☹
	P2840S-2N-E77	2									☺	☺	
	P2841S-2N-A57	2	😐	☹	☹	☹	☹	☹	😐	☹			☹
	P2841S-2N-E57	2	☺	😐	☹	☹	☹	☹	😐	☹			☹
	P2841S-2N-E67	2		☹	☹	☹	☹	☹		☹			☹
	P2840S-3N-A57	3	😐	☹	☹	☹	☹	☹	😐	☹			☹
	P2840S-3N-E67	3		☹	☹	☹	☹	☹		☹			☹
	P2840S-3N-E77	3									☺	☺	
	P2841S-3N-A57	3	😐	☹	☹	☹	☹	☹	😐	☹			☹
	P2841S-3N-E57	3	☺	😐	☹	☹	☹	☹	😐	☹			☹
	P2841S-3N-E67	3		☹	☹	☹	☹	☹		☹			☹

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

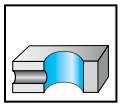
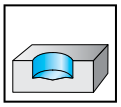
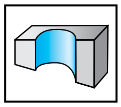
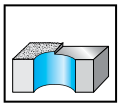
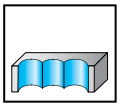
☺ 😐 ☹ / ★ = New addition to the product range

Indexable insert drills

D3120 mm

Drion·tec™

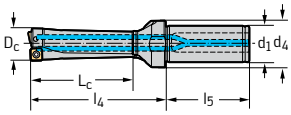
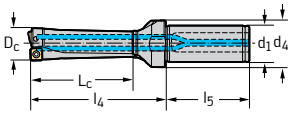
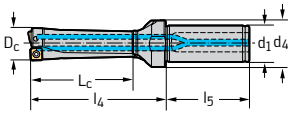
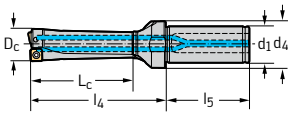
B1

3×D_c | Z=1

	P	M	K	N	S	H	O
D3120	●●	●●	●●	●●	●●		

Tool

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
 Cylindrical shank with flat	D3120-03-16.00F25-P21	16	48	73	56	25	32	0,34	2	P284 . S-1N- ..
	D3120-03-17.00F25-P21	17	51	76	56	25	32	0,32	2	
	D3120-03-17.50F25-P21	17,5	52,5	77,5	56	25	32	0,33	2	
	D3120-03-18.00F25-P21	18	54	79	56	25	32	0,33	2	
	D3120-03-19.00F25-P21	19	57	82	56	25	32	0,34	2	
	D3120-03-19.50F25-P21	19,5	58,5	83,5	56	25	32	0,35	2	
	D3120-03-20.00F25-P21	20	60	85	56	25	32	0,38	2	
 Cylindrical shank with flat	D3120-03-21.00F25-P22	21	63	88	56	25	32	0,36	2	P284 . S-2N- ..
	D3120-03-22.00F25-P22	22	66	91	56	25	32	0,39	2	
	D3120-03-23.00F25-P22	23	69	94	56	25	32	0,37	2	
	D3120-03-24.00F25-P22	24	72	97	56	25	32	0,42	2	
	D3120-03-25.00F25-P22	25	75	100	56	25	32	0,46	2	
 Cylindrical shank with flat	D3120-03-26.00F32-P23	26	78	110	60	32	40	0,71	2	P284 . S-3N- ..
	D3120-03-26.50F32-P23	26,5	79,5	111,5	60	32	40	0,69	2	
	D3120-03-27.00F32-P23	27	81	113	60	32	40	0,74	2	
	D3120-03-28.00F32-P23	28	84	116	60	32	40	0,73	2	
	D3120-03-29.00F32-P23	29	87	119	60	32	40	0,76	2	
	D3120-03-29.50F32-P23	29,5	88,5	120,5	60	32	40	0,78	2	
	D3120-03-30.00F32-P23	30	90	122	60	32	40	0,84	2	
 Cylindrical shank with flat	D3120-03-31.00F32-P24	31	93	125	60	32	40	0,78	2	P284 . S-4N- ..
	D3120-03-32.00F32-P24	32	96	128	60	32	40	0,86	2	
	D3120-03-33.00F32-P24	33	99	131	60	32	40	0,86	2	
	D3120-03-34.00F32-P24	34	102	134	60	32	40	0,9	2	
	D3120-03-35.00F32-P24	35	105	137	60	32	40	0,95	2	
	D3120-03-36.00F32-P24	36	108	140	60	32	40	1,06	2	

Bodies and assembly parts are included in the scope of delivery

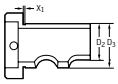
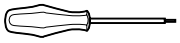
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [mm]	16–20	21–25	26–30	31–36
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm	FS1456 (T9IP) 2 Nm	FS2181 (T15IP) 3 Nm	FS2119 (T15IP) 3 Nm

Accessories

	D_c [mm]	16–20	21–25	26–36
	Eccentric sleeve, adj. range dia. -0.2 to +0.55 mm	FS722	FS722	FS723
	Torque screwdriver, analogue	FS2001	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)
	Screwdriver	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P2840S-.N-A57	1–4	😀	😐	😐	😐	😐	😐	😀	😐			😐
	P2840S-.N-E67	1–4		😐	😐	😐	😐	😐		😐			😐
	P2840S-.N-E77	1–4									😊	😊	
	P2841S-.N-A57	1–4	😀	😐	😐	😐	😐	😐	😀	😐			😐
	P2841S-.N-E57	1–4	😊	😀	😐	😐	😐	😐	😀	😐			😐
	P2841S-.N-E67	1–4		😐	😐	😐	😐	😐		😐			😐
	P2840S-2N-A57	2	😀	😐	😐	😐	😐	😐	😀	😐			😐
	P2840S-2N-E67	2		😐	😐	😐	😐	😐		😐			😐
	P2840S-2N-E77	2									😊	😊	
	P2841S-2N-A57	2	😀	😐	😐	😐	😐	😐	😀	😐			😐
	P2841S-2N-E57	2	😊	😀	😐	😐	😐	😐	😀	😐			😐
	P2841S-2N-E67	2		😐	😐	😐	😐	😐		😐			😐
	P2840S-3N-A57	3	😀	😐	😐	😐	😐	😐	😀	😐			😐
	P2840S-3N-E67	3		😐	😐	😐	😐	😐		😐			😐
	P2840S-3N-E77	3									😊	😊	
	P2841S-3N-A57	3	😀	😐	😐	😐	😐	😐	😀	😐			😐
	P2841S-3N-E57	3	😊	😀	😐	😐	😐	😐	😀	😐			😐
	P2841S-3N-E67	3		😐	😐	😐	😐	😐		😐			😐

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

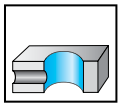
😊 😀 😐 / ★ = New addition to the product range

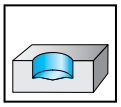
Indexable insert drills

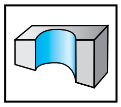
D3120 mm

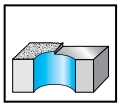
Drion·tec™

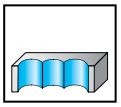
B1







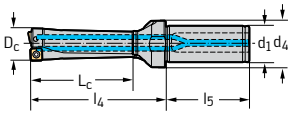
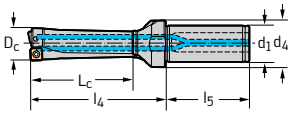




3×D_c | Z=1

	P	M	K	N	S	H	O
D3120	●●	●●	●●	●●	●●		

Tool

	Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
 Cylindrical shank with flat	D3120-03-37.00F40-P25	37	111	151	70	40	50	1,43	2	P284 . S-5N- ..
	D3120-03-37.50F40-P25	37,5	112,5	152,5	70	40	50	1,46	2	
	D3120-03-38.00F40-P25	38	114	154	70	40	50	1,49	2	
	D3120-03-39.00F40-P25	39	117	157	70	40	50	1,64	2	
	D3120-03-40.00F40-P25	40	120	160	70	40	50	1,6	2	
	D3120-03-40.50F40-P25	40,5	121,5	161,5	70	40	50	1,64	2	
	D3120-03-41.00F40-P25	41	123	163	70	40	50	1,67	2	
	D3120-03-42.00F40-P25	42	126	166	70	40	50	1,83	2	
 Cylindrical shank with flat	D3120-03-43.00F40-P26	43	129	169	70	40	50	1,74	2	P284 . S-6N- ..
	D3120-03-44.00F40-P26	44	132	172	70	40	50	1,81	2	
	D3120-03-45.00F40-P26	45	135	175	70	40	50	1,89	2	
	D3120-03-46.00F40-P26	46	138	178	70	40	50	1,98	2	
	D3120-03-47.00F40-P26	47	141	181	70	40	50	2,05	2	
	D3120-03-48.00F40-P26	48	144	184	70	40	50	2,14	2	
	D3120-03-49.00F40-P26	49	147	187	70	40	50	2,23	2	
	D3120-03-50.00F40-P26	50	150	190	70	40	50	2,33	2	

Bodies and assembly parts are included in the scope of delivery

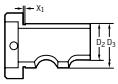
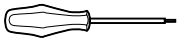
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [mm]	37–42	43–50
	Clamping screw for indexable insert Tightening torque	FS2139 (T20IP) 5 Nm	FS2281 (T20IP) 5 Nm

Accessories

	D_c [mm]	37–50
	Eccentric sleeve, adj. range dia. -0.2 to +0.55 mm	FS724
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P2840S-.N-A57	5–6	😐	☹	☹	☹	☹	☹	😐	☹			☹
	P2840S-.N-E67	5–6		☹	☹	☹	☹	☹		☹			☹
	P2840S-.N-E77	5–6									☺	☺	
	P2841S-.N-A57	5–6	😐	☹	☹	☹	☹	☹	😐	☹			☹
	P2841S-.N-E57	5–6	☺	😐	☹	☹	☹	☹	😐	☹			☹
	P2841S-.N-E67	5–6		☹	☹	☹	☹	☹		☹			☹

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

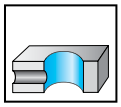
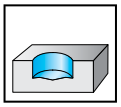
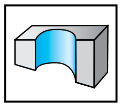
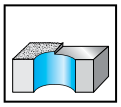
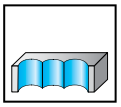
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Indexable insert drills

D3120 mm

Drion·tec™

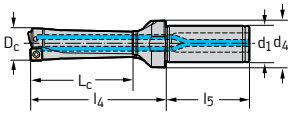
B1

3×D_c | Z=1

	P	M	K	N	S	H	O
D3120	●●	●	●●	●●	●		

Tool



Cylindrical shank with flat

Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
D3120-03-50.50F40-P27	50,5	151,5	191,5	70	40	50	2,29	2	P284 . S-7N- ..
D3120-03-51.00F40-P27	51	153	193	70	40	50	2,34	2	
D3120-03-52.00F40-P27	52	156	196	70	40	50	2,44	2	
D3120-03-53.00F40-P27	53	159	199	70	40	50	2,55	2	
D3120-03-54.00F40-P27	54	162	202	70	40	50	2,67	2	
D3120-03-54.50F40-P27	54,5	163,5	203,5	70	40	50	2,73	2	
D3120-03-55.00F40-P27	55	165	205	70	40	50	2,79	2	
D3120-03-56.00F40-P27	56	168	208	70	40	50	2,91	2	
D3120-03-57.00F40-P27	57	171	211	70	40	50	3,04	2	
D3120-03-58.00F40-P27	58	174	214	70	40	50	3,17	2	

Bodies and assembly parts are included in the scope of delivery

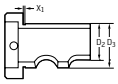
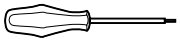
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [mm]	50,5–58
	Clamping screw for indexable insert Tightening torque	FS2281 (T20IP) 5 Nm

Accessories

	D_c [mm]	50,5–58
	Eccentric sleeve, adj. range dia. -0.2 to +0.55 mm	FS724
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P2840S-.N-A57	7		☹	☹		☹			☹			☹
	P2840S-.N-E67	7		☹	☹		☹			☹			☹
	P2840S-.N-E77	7									☺	☺	
	P2841S-.N-A57	7	😐	☹	☹	☹	☹	☹	😐	☹			☹
	P2841S-.N-E57	7		😐	☹	☹	☹	☹		☹			☹
	P2841S-.N-E67	7		☹	☹	☹	☹	☹		☹			☹

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

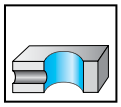
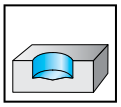
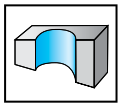
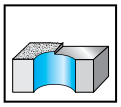
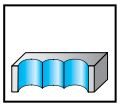
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Indexable insert drills

D3120 mm

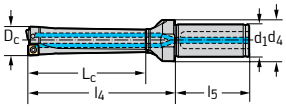
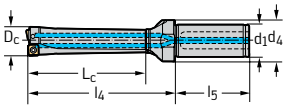
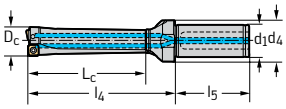
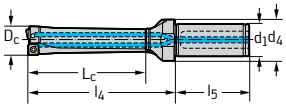
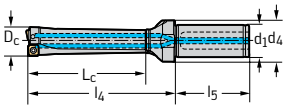
Drion·tec™

B1

4×D_c | Z=1

	P	M	K	N	S	H	O
D3120	●●	●	●●	●●	●		

Tool	Designation	D_c mm	L_c mm	l_4 mm	l_5 mm	d_1 mm	d_4 mm	kg	No. of inserts	Type
 Cylindrical shank with flat	D3120-04-16.00F25-P21	16	64	89	56	25	32	0,35	2	P284 . S-1N- ..
	D3120-04-17.00F25-P21	17	68	93	56	25	32	0,33	2	
	D3120-04-18.00F25-P21	18	72	97	56	25	32	0,35	2	
	D3120-04-19.00F25-P21	19	76	101	56	25	32	0,36	2	
	D3120-04-20.00F25-P21	20	80	105	56	25	32	0,38	2	
 Cylindrical shank with flat	D3120-04-21.00F25-P22	21	84	109	56	25	32	0,38	2	P284 . S-2N- ..
	D3120-04-22.00F25-P22	22	88	113	56	25	32	0,43	2	
	D3120-04-23.00F25-P22	23	92	117	56	25	32	0,43	2	
	D3120-04-24.00F25-P22	24	96	121	56	25	32	0,46	2	
	D3120-04-25.00F25-P22	25	100	125	56	25	32	0,49	2	
 Cylindrical shank with flat	D3120-04-26.00F32-P23	26	104	136	60	32	40	0,72	2	P284 . S-3N- ..
	D3120-04-27.00F32-P23	27	108	140	60	32	40	0,76	2	
	D3120-04-28.00F32-P23	28	112	144	60	32	40	0,8	2	
	D3120-04-29.00F32-P23	29	116	148	60	32	40	0,84	2	
	D3120-04-30.00F32-P23	30	120	152	60	32	40	0,88	2	
 Cylindrical shank with flat	D3120-04-31.00F32-P24	31	124	156	60	32	40	0,86	2	P284 . S-4N- ..
	D3120-04-32.00F32-P24	32	128	160	60	32	40	0,91	2	
	D3120-04-33.00F32-P24	33	132	164	60	32	40	0,96	2	
	D3120-04-34.00F32-P24	34	136	168	60	32	40	1,09	2	
	D3120-04-35.00F32-P24	35	140	172	60	32	40	1,08	2	
	D3120-04-36.00F32-P24	36	144	176	60	32	40	1,15	2	
 Cylindrical shank with flat	D3120-04-37.00F40-P25	37	148	188	70	40	50	1,59	2	P284 . S-5N- ..
	D3120-04-38.00F40-P25	38	152	192	70	40	50	1,66	2	
	D3120-04-39.00F40-P25	39	156	196	70	40	50	1,74	2	
	D3120-04-40.00F40-P25	40	160	200	70	40	50	1,89	2	
	D3120-04-41.00F40-P25	41	164	204	70	40	50	1,9	2	
	D3120-04-42.00F40-P25	42	168	208	70	40	50	1,99	2	

Bodies and assembly parts are included in the scope of delivery

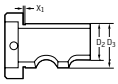
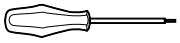
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Assembly parts

	D_c [mm]	16–20	21–25	26–30	31–36	37–42
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm	FS1456 (T9IP) 2 Nm	FS2181 (T15IP) 3 Nm	FS2119 (T15IP) 3 Nm	FS2139 (T20IP) 5 Nm

Accessories

	D_c [mm]	16–20	21–25	26–36	37–42
	Eccentric sleeve, adj. range dia. -0.2 to +0.55 mm	FS722	FS722	FS723	FS724
	Torque screwdriver, analogue	FS2001	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS1483 (T8IP)	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WXP40	M HC WSP45G	M HC WXP40	K HC WKP25S	K HC WKP35S	N HC WNN15	N HW WN15	S HC WSP45G
	P2840S-.N-A57	1–5	😀	😐	😐	😐	😐	😐	😀	😐			😐
	P2840S-.N-E67	1–5		😐	😐	😐	😐	😐		😐			😐
	P2840S-.N-E77	1–5									🙂	🙂	
	P2841S-.N-A57	1–5	😀	😐	😐	😐	😐	😐	😀	😐			😐
	P2841S-.N-E57	1–5	🙂	😀	😐	😐	😐	😐	😀	😐			😐
	P2841S-.N-E67	1–5		😐	😐	😐	😐	😐		😐			😐
	P2840S-2N-A57	2	😀	😐	😐	😐	😐	😐	😀	😐			😐
	P2840S-2N-E67	2		😐	😐	😐	😐	😐		😐			😐
	P2840S-2N-E77	2									🙂	🙂	
	P2841S-2N-A57	2	😀	😐	😐	😐	😐	😐	😀	😐			😐
	P2841S-2N-E57	2	🙂	😀	😐	😐	😐	😐	😀	😐			😐
	P2841S-2N-E67	2		😐	😐	😐	😐	😐		😐			😐
	P2840S-3N-A57	3	😀	😐	😐	😐	😐	😐	😀	😐			😐
	P2840S-3N-E67	3		😐	😐	😐	😐	😐		😐			😐
	P2840S-3N-E77	3									🙂	🙂	
	P2841S-3N-A57	3	😀	😐	😐	😐	😐	😐	😀	😐			😐
	P2841S-3N-E57	3	🙂	😀	😐	😐	😐	😐	😀	😐			😐
	P2841S-3N-E67	3		😐	😐	😐	😐	😐		😐			😐

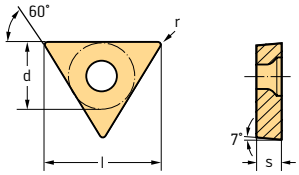
HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

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

Positive triangular 60°

TCMT

Tiger·tec® Silver



Indexable inserts

	Designation	l mm	r mm	P HC	M HC				S HC		
				WMP20S	WSM10S	WMP20S	WSM20S	WSM30S	WSM10S	WSM20S	WSM30S
	TCMT110208-FM4	11	0,8		☺		😐	☹	☺	😐	☹
	TCMT16T308-FM4	16,5	0,8	😐	☺	😐	😐	☹	☺	😐	☹

See the ISO 1832 designation key for dimensions
Ordering example for the grade WSM10S: TCMT110208-FM4 WSM10S

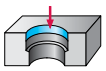
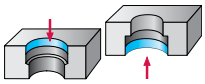
HC = Coated carbide

B 2

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

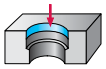
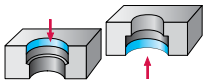
New addition to the product range = ☺ 😐 ☹ / ★

Walter Capto™/ScrewFit precision boring tools

Machining			
Diameter range [mm]	**1–20**	**19–167**	**69–167**
Designation	B5110	B5115	B5125
Display	analogue	analogue	analogue
Shank			
Walter Capto™	✔	✔	✔
ScrewFit	✔	✔	
NCT			
P Steel	●●	●●	●●
M Stainless steel	●●	●●	●●
K Cast iron	●●	●●	●●
N NF metals	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●
H Hard materials	●	●	●
O Other	●	●	●
Solid carbide boring bar			
Suitable insert types			
Page in catalogue	234	238	246
QR code			
www.walter-tools.com/woc/	B5110	B5115	B5125

WALTER SELECT ●● Primary application ● Other application

Walter NCT precision boring tools

Machining		
Diameter range [mm]	**1–20**	**19–167**
Designation	B5110	B5115
Display	analogue	analogue
Shank		
Walter Capto™		
ScrewFit		
NCT	✔	✔
P Steel	●●	●●
M Stainless steel	●●	●●
K Cast iron	●●	●●
N NF metals	●●	●●
S Materials with difficult cutting properties	●●	●●
H Hard materials	●	●
O Other	●	●
Solid carbide boring bar		
Suitable insert types		
Page in catalogue	248	254
QR code		
www.walter-tools.com/woc/	B5110	B5115

B2

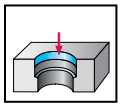
WALTER SELECT ●● Primary application ● Other application

Precision boring tool

B5110 mm

Walter Precision XT

– Diameter adjustment for mm and inch measurement unit

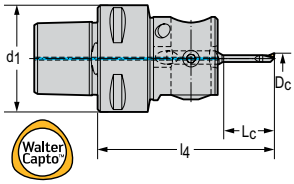
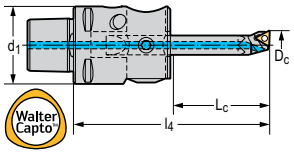
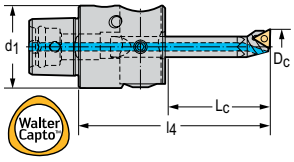


D_c 1–20	κ=92°	Z=1

	P	M	K	N	S	H	O
B5110	●●	●●	●●	●●	●●	●	●

B2

Tool

	Designation	D_c mm	d_1	L_c mm	l_4 mm	kg	Type
 Walter Capto™ in acc. with ISO 26623	B5110-001-003-C3-CS	1–3	C3	6	48	0,2	
	B5110-0017-0037-C3-CS	1,7–3,7	C3	9	48	0,2	
	B5110-0022-0042-C3-CS	2,2–4,2	C3	13	53	0,2	
	B5110-0027-0047-C3-CS	2,7–4,7	C3	15	53	0,2	
	B5110-0032-0052-C3-CS	3,2–5,2	C3	20	58	0,2	
	B5110-0042-0062-C3-CS	4,2–6,2	C3	20	58	0,6	
	B5110-0062-0082-C3-CS	6,2–8,2	C3	30	68	0,2	
 Walter Capto™ in acc. with ISO 26623	B5110-008-010-C3-TC06	8–10	C3	30	67	0,2	TC .. 06T1 ..
	B5110-010-012-C3-TC06	10–12	C3	40	81	0,3	
	B5110-012-014-C3-TC06	12–14	C3	40	81	0,3	
 Walter Capto™ in acc. with ISO 26623	B5110-014-017-C4-TC09	14–17	C4	50	93	0,5	TC .. 0902 ..
	B5110-017-020-C4-TC09	17–20	C4	50	93	0,5	

Bodies and assembly parts are included in the scope of delivery

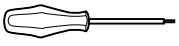
Assembly parts

	Type	TC .. 06T1 ..	TC .. 0902 ..
	Clamping screw	FS2623 (SW 2,5)	FS2625 (SW 3)
	Clamping screw for indexable insert	FS2626 (6IP) 0,6 Nm	FS2627 (7IP) 0,8 Nm

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

	Basic body	Boring bar
	B5110-001-006-C3-B	EB701.WKP21
	B5110-001-006-C3-B	EB702.WKP21
	B5110-001-006-C3-B	EB703.WKP21
	B5110-001-006-C3-B	EB704.WKP21
	B5110-001-006-C3-B	EB705.WKP21
	B5110-001-006-C3-B	EB706.WKP21
	B5110-006-010-C3-B	EB707.WKP21
	B5110-006-010-C3-B	EB708.TC06
	B5110-010-014-C3-B	EB709.TC06
	B5110-010-014-C3-B	EB710.TC06
	B5110-014-020-C4-B	EB711.TC09
	B5110-014-020-C4-B	EB712.TC09

Accessories

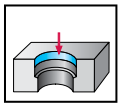
	Type		TC .. 06T1 ..	TC .. 0902 ..
	ISO 2936-2,5 key	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)	
	ISO 2936-3 key		ISO2936-3 (SW 3)	ISO2936-3 (SW 3)
	Torque screwdriver, analogue		FS2001	FS2001
	Interchangeable blade		FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver		FS2086 (T6IP)	FS2088 (T7IP)

Precision boring tool

B5110 mm

Walter Precision XT

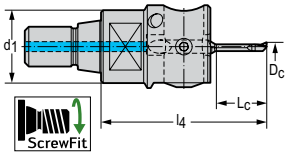
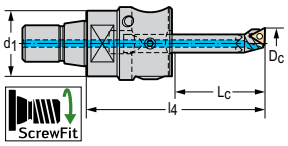
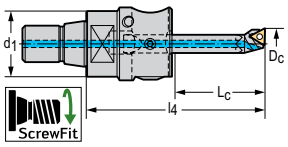
– Diameter adjustment for mm and inch measurement unit



D_c 1–20	κ=92°	Z=1

	P	M	K	N	S	H	O
B5110	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1	L_c mm	l_4 mm	kg	Type
 ScrewFit						
B5110-001-003-T22-CS	1–3	T22	6	45	0,1	
B5110-0017-0037-T22-CS	1,7–3,7	T22	9	45	0,1	
B5110-0022-0042-T22-CS	2,2–4,2	T22	13	50	0,1	
B5110-0027-0047-T22-CS	2,7–4,7	T22	15	50	0,1	
B5110-0032-0052-T22-CS	3,2–5,2	T22	20	55	0,1	
B5110-0042-0062-T22-CS	4,2–6,2	T22	20	55	0,1	
B5110-0062-0082-T22-CS	6,2–8,2	T22	30	70	0,2	
 ScrewFit						
B5110-008-010-T22-TC06	8–10	T22	30	69	0,2	TC .. 06T1 ..
B5110-010-012-T28-TC06	10–12	T28	40	86	0,3	
B5110-012-014-T28-TC06	12–14	T28	40	86	0,3	
 ScrewFit						
B5110-014-017-T36-TC09	14–17	T36	50	98	0,6	TC .. 0902 ..
B5110-017-020-T36-TC09	17–20	T36	50	98	0,6	

Bodies and assembly parts are included in the scope of delivery

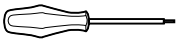
Assembly parts

	Type	TC .. 06T1 ..	TC .. 0902 ..
	Clamping screw	FS2623 (SW 2,5)	FS2625 (SW 3)
	Clamping screw for indexable insert	FS2626 (6IP) 0,6 Nm	FS2627 (7IP) 0,8 Nm

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

	Basic body	Boring bar
	B5110-001-006-T22-B	EB701.WKP21
	B5110-001-006-T22-B	EB702.WKP21
	B5110-001-006-T22-B	EB703.WKP21
	B5110-001-006-T22-B	EB704.WKP21
	B5110-001-006-T22-B	EB705.WKP21
	B5110-001-006-T22-B	EB706.WKP21
	B5110-006-010-T22-B	EB707.WKP21
	B5110-006-010-T22-B	EB708.TC06
	B5110-010-014-T28-B	EB709.TC06
	B5110-010-014-T28-B	EB710.TC06
	B5110-014-020-T36-B	EB711.TC09
	B5110-014-020-T36-B	EB712.TC09

Accessories

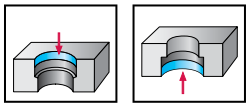
	Type		TC .. 06T1 ..	TC .. 0902 ..
	ISO 2936-2,5 key	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)	
	ISO 2936-3 key		ISO2936-3 (SW 3)	ISO2936-3 (SW 3)
	Torque screwdriver, analogue		FS2001	FS2001
	Interchangeable blade		FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver		FS2086 (T6IP)	FS2088 (T7IP)

Precision boring tool

B5115 mm

Walter Precision XT

– Diameter adjustment for mm and inch measurement unit



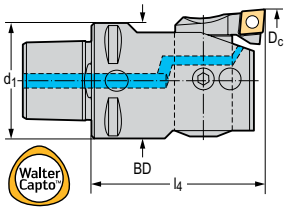
D_c 19–167	κ=92°	Z=1

	P	M	K	N	S	H	O
B5115	●●	●●	●●	●●	●●	●	●

B2

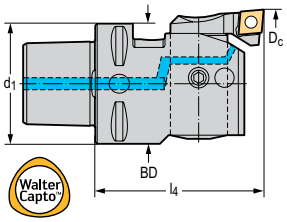
Tool

Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
B5115-035-045-C3-CC06	35–45	C3	48	32	0,7	CC .. 0602 ..
B5115-044-056-C4-CC06	44–56	C4	56	40	0,5	



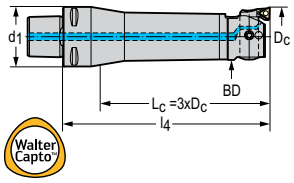
Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
B5115-055-070-C5-CC09	55–70	C5	70	50	1	CC .. 09T3 ..
B5115-069-087-C6-CC09	69–87	C6	82	63	1,9	
B5115-086-107-C6-CC09	86–107	C6	94	80	2,6	
B5115-106-137-C6-CC09	106–137	C6	94	100	3	
B5115-106-137-C8-CC09	106–137	C8	104	100	4,3	
B5115-136-167-C6-CC09	136–167	C6	94	130	3,7	
B5115-136-167-C8-CC09	136–167	C8	104	130	4,9	



Walter Capto™ in acc. with ISO 26623

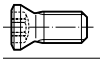
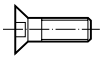
Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
B5115-019-023-C3-TC06	19–23	C3	89	18	0,3	TC .. 06T1 ..
B5115-023-029-C3-TC06	23–29	C3	105	20	0,4	
B5115-028-036-C3-TC06	28–36	C3	117	25	0,5	



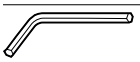
Walter Capto™ in acc. with ISO 26623

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
	Clamping screw	FS2624 (SW 3)	FS2630 (SW 4)	FS2628 (SW 2)	FS2624 (SW 3)	FS2630 (SW 4)
	Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2635 (SW 3)	FS2636 (SW 4)	FS2634 (SW 2)	FS2635 (SW 3)	FS2636 (SW 4)
	Coolant screw	FS2640 (SW 0,9)	FS2641 (SW 1,5)	FS2640 (SW 0,9)	FS2640 (SW 0,9)	FS2641 (SW 1,5)

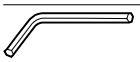
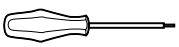
Zubehör

	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	Schlüssel ISO 2936-1,5		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
	Schlüssel ISO 2936-2		ISO2936-2 (SW 2)	ISO2936-2 (SW 2)	ISO2936-2 (SW 2)
	Schlüssel ISO 2936-2,5			ISO2936-2,5 (SW 2,5)	
	Schlüssel ISO 2936-3	ISO2936-3 (SW 3)			

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

	Basic body	Cartridge
	B5115-035-045-C3-B	EB716.CC06
	B5115-044-056-C4-B	EB716.CC06
	B5115-055-070-C5-B	EB717.CC09
	B5115-069-087-C6-B	EB717.CC09
	B5115-086-107-C6-B	EB717.CC09
	B5115-106-137-C6-B	EB717.CC09
	B5115-106-137-C8-B	EB717.CC09
	B5115-136-167-C6-B	EB717.CC09
	B5115-136-167-C8-B	EB717.CC09
	B5115-019-023-C3-B	EB713.TC06
	B5115-023-029-C3-B	EB713.TC06
	B5115-028-036-C3-B	EB713.TC06

Zubehör

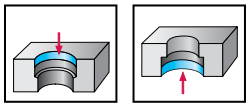
	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	Schlüssel ISO 2936-0,9	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	
	Schlüssel ISO 2936-4		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)
	Drehmoment-Schraubendreher, analog	FS2001	FS2003	FS2001	FS2001
	Drehmoment-Schraubendreher, digital		FS2248		
	Wechselklinge	FS2011 (T7IP)	FS2014 (T15IP)	FS2085 (T6IP)	FS2011 (T7IP)
	Schraubendreher	FS2088 (T7IP)	FS1485 (T15IP)	FS2086 (T6IP)	FS2088 (T7IP)
	Verlängerung	EB736 3 Nm	EB737 6 Nm	EB735 1,2 Nm	EB737 6 Nm

Precision boring tool

B5115 mm

Walter Precision XT

– Diameter adjustment for mm and inch measurement unit

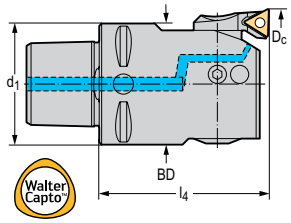


D_c 19–167	κ=92°	Z=1

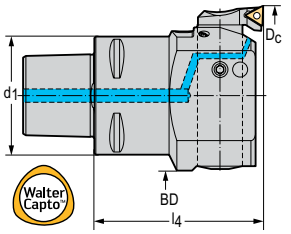
	P	M	K	N	S	H	O
B5115	●●	●●	●●	●●	●●	●	●

B2

Tool



Walter Capto™ in acc. with ISO 26623

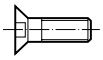


Walter Capto™ in acc. with ISO 26623

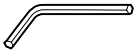
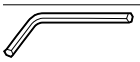
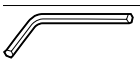
Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
B5115-035-045-C3-TC09	35–45	C3	48	32	0,3	TC .. 0902 ..
B5115-044-056-C4-TC09	44–56	C4	56	40	0,5	
B5115-055-070-C5-TC11	55–70	C5	66	50	1	TC .. 1102 ..
B5115-069-087-C6-TC11	69–87	C6	78	63	1,9	
B5115-086-107-C6-TC11	86–107	C6	90	80	2,6	
B5115-106-137-C6-TC11	106–137	C6	90	100	3	
B5115-106-137-C8-TC11	106–137	C8	100	100	4,3	
B5115-136-167-C6-TC11	136–167	C6	90	130	3,7	
B5115-136-167-C8-TC11	136–167	C8	100	130	4,9	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
	Clamping screw	FS2624 (SW 3)	FS2630 (SW 4)	FS2628 (SW 2)	FS2624 (SW 3)	FS2630 (SW 4)
	Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2635 (SW 3)	FS2636 (SW 4)	FS2634 (SW 2)	FS2635 (SW 3)	FS2636 (SW 4)
	Coolant screw	FS2640 (SW 0,9)	FS2641 (SW 1,5)	FS2640 (SW 0,9)	FS2640 (SW 0,9)	FS2641 (SW 1,5)

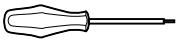
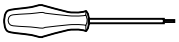
Accessories

	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key		ISO2936-2 (SW 2)	ISO2936-2 (SW 2)	ISO2936-2 (SW 2)
	ISO 2936-2,5 key			ISO2936-2,5 (SW 2,5)	
	ISO 2936-3 key	ISO2936-3 (SW 3)			
	ISO 2936-0.9 key	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	
	ISO 2936-4 key		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)

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

	Basic body	Cartridge
	B5115-035-045-C3-B	EB714.TC09
	B5115-044-056-C4-B	EB714.TC09
	B5115-055-070-C5-B	EB715.TC11
	B5115-069-087-C6-B	EB715.TC11
	B5115-086-107-C6-B	EB715.TC11
	B5115-106-137-C6-B	EB715.TC11
	B5115-106-137-C8-B	EB715.TC11
	B5115-136-167-C6-B	EB715.TC11
	B5115-136-167-C8-B	EB715.TC11

Accessories

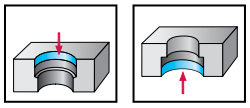
	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	Torque screwdriver, analogue	FS2001	FS2003	FS2001	FS2001
	Torque screwdriver, digital		FS2248		
	Interchangeable blade	FS2011 (T7IP)		FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)		FS2086 (T6IP)	FS2088 (T7IP)
	Interchangeable blade		FS2014 (T15IP)		
	Screwdriver		FS1485 (T15IP)		
	Extension	EB736 3 Nm		EB735 1,2 Nm	
	Extension		EB737 6 Nm		EB737 6 Nm

Precision boring tool

B5115 mm

Walter Precision XT

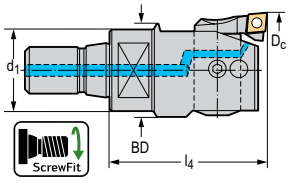
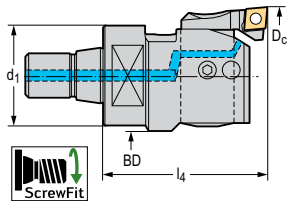
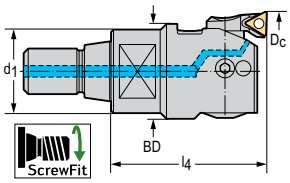
– Diameter adjustment for mm and inch measurement unit



D_c 19–167	κ=92°	Z=1

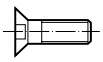
	P	M	K	N	S	H	O
B5115	●●	●●	●●	●●	●●	●	●

Tool

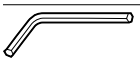
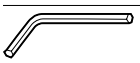
Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
 ScrewFit						
B5115-035-045-T28-CC06	35–45	T28	54	32	0,3	CC .. 0602 ..
B5115-044-056-T36-CC06	44–56	T36	56	40	0,6	
 ScrewFit						
B5115-055-070-T45-CC09	55–70	T45	74	50	1	CC .. 09T3 ..
 ScrewFit						
B5115-019-023-T18-TC06	19–23	T18	38	18	0,1	TC .. 06T1 ..
B5115-023-029-T18-TC06	23–29	T18	38	20	0,1	
B5115-028-036-T22-TC06	28–36	T22	41	25	0,2	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
	Clamping screw	FS2624 (SW 3)	FS2630 (SW 4)	FS2628 (SW 2)	FS2624 (SW 3)	FS2630 (SW 4)
	Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2635 (SW 3)	FS2636 (SW 4)	FS2634 (SW 2)	FS2635 (SW 3)	FS2636 (SW 4)
	Coolant screw	FS2640 (SW 0,9)	FS2641 (SW 1,5)	FS2640 (SW 0,9)	FS2640 (SW 0,9)	FS2641 (SW 1,5)

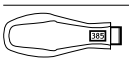
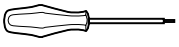
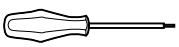
Accessories

	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key			ISO2936-2 (SW 2)	
	ISO 2936-3 key	ISO2936-3 (SW 3)			
	ISO 2936-0.9 key	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	

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

	Basic body	Cartridge
	B5115-035-045-T28-B	EB716.CC06
	B5115-044-056-T36-B	EB716.CC06
	B5115-055-070-T45-B	EB717.CC09
	B5115-019-023-T18-B	EB713.TC06
	B5115-023-029-T18-B	EB713.TC06
	B5115-028-036-T22-B	EB713.TC06

Accessories

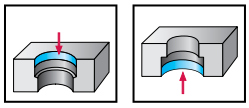
	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-4 key		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001	FS2003	FS2001	FS2001
	Torque screwdriver, digital		FS2248		
	Interchangeable blade	FS2011 (T7IP)		FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)		FS2086 (T6IP)	FS2088 (T7IP)
	Interchangeable blade		FS2014 (T15IP)		
	Screwdriver		FS1485 (T15IP)		
	Extension	EB736 3 Nm		EB735 1,2 Nm	
	Extension		EB737 6 Nm		EB737 6 Nm

Precision boring tool

B5115 mm

Walter Precision XT

– Diameter adjustment for mm and inch measurement unit

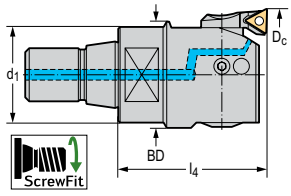
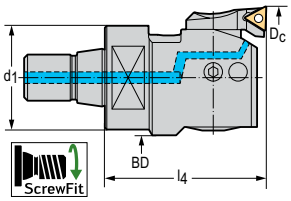


D_c 19–167	κ=92°	Z=1

	P	M	K	N	S	H	O
B5115	●●	●●	●●	●●	●●	●	●

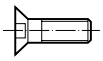
B2

Tool

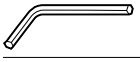
	Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
 ScrewFit	B5115-035-045-T28-TC09	35–45	T28	54	32	0,3	TC .. 0902 ..
	B5115-044-056-T36-TC09	44–56	T36	56	40	0,6	
 ScrewFit	B5115-055-070-T45-TC11	55–70	T45		50	1	TC .. 1102 ..

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
	Clamping screw	FS2624 (SW 3)	FS2630 (SW 4)	FS2628 (SW 2)	FS2624 (SW 3)	FS2630 (SW 4)
	Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2635 (SW 3)	FS2636 (SW 4)	FS2634 (SW 2)	FS2635 (SW 3)	FS2636 (SW 4)
	Coolant screw	FS2640 (SW 0,9)	FS2641 (SW 1,5)	FS2640 (SW 0,9)	FS2640 (SW 0,9)	FS2641 (SW 1,5)

Accessories

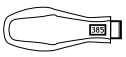
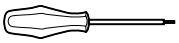
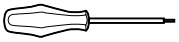
	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key			ISO2936-2 (SW 2)	
	ISO 2936-3 key	ISO2936-3 (SW 3)			
	ISO 2936-0.9 key	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	
	ISO 2936-4 key		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001	FS2003	FS2001	FS2001

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

	Basic body	Cartridge
	B5115-035-045-T28-B	EB714.TC09
	B5115-044-056-T36-B	EB714.TC09
	B5115-055-070-T45-B	EB715.TC11

B2

Accessories

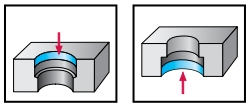
	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	Torque screwdriver, digital		FS2248		
	Interchangeable blade	FS2011 (T7IP)		FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)		FS2086 (T6IP)	FS2088 (T7IP)
	Interchangeable blade		FS2014 (T15IP)		
	Screwdriver		FS1485 (T15IP)		
	Extension	EB736 3 Nm		EB735 1,2 Nm	
	Extension		EB737 6 Nm		EB737 6 Nm

Fine Lightweight boring tool

B5125 mm

Walter Precision XT

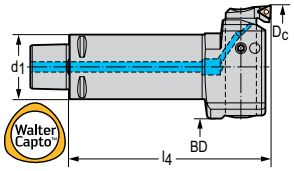
– Weight reduced (LWS)
– Diameter adjustment for mm and inch measurement unit



D_c 69–167	κ=92°	Z=1	LWS

	P	M	K	N	S	H	O
B5125	●●	●●	●●	●●	●●	●	●

Tool

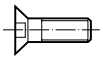


Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
B5125-069-087-C5-TC11	69–87	C5	150	63	1,5	TC .. 1102 ..
B5125-086-107-C5-TC11	86–107	C5	156	80	1,6	
B5125-106-137-C6-TC11	106–137	C6	190	100	3	
B5125-136-167-C8-TC11	136–167	C8	200	130	4,1	

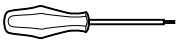
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	TC .. 1102 ..
	Clamping screw	FS2630 (SW 4)
	Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2636 (SW 4)
	Coolant screw	FS2641 (SW 1,5)

	Basic body	Cartridge
	B5125-069-087-C5-B	EB715.TC11
	B5125-086-107-C5-B	EB715.TC11
	B5125-106-137-C6-B	EB715.TC11
	B5125-136-167-C8-B	EB715.TC11

Accessories

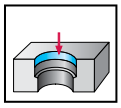
	Type	TC .. 1102 ..
	ISO 2936-1,5 key	ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key	ISO2936-2 (SW 2)
	ISO 2936-4 key	ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001
	Torque screwdriver, analogue	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)
	Extension	EB737 6 Nm

Precision boring tool

B5110 mm

Walter Precision XT

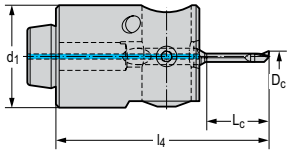
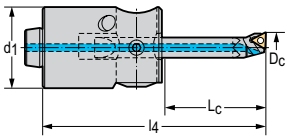
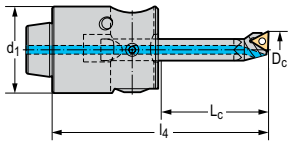
– Diameter adjustment for mm and inch measurement unit



D_c 1–20	κ=92°	Z=1

	P	M	K	N	S	H	O
B5110	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c mm	d_1	L_c mm	l_4 mm	kg	Type
 Modular NCT adaptor	B5110-001-003-N2-CS	1–3	NCT 25	6	47	0,1	
	B5110-0017-0037-N2-CS	1,7–3,7	NCT 25	9	47	0,1	
	B5110-0022-0042-N2-CS	2,2–4,2	NCT 25	13	52	0,1	
	B5110-0027-0047-N2-CS	2,7–4,7	NCT 25	15	52	0,1	
	B5110-0032-0052-N2-CS	3,2–5,2	NCT 25	20	57	0,1	
	B5110-0042-0062-N2-CS	4,2–6,2	NCT 25	20	57	0,1	
	B5110-0062-0082-N2-CS	6,2–8,2	NCT 25	30	72	0,2	
 Modular NCT adaptor	B5110-008-010-N2-TC06	8–10	NCT 25	30	71	0,2	TC .. 06T1 ..
	B5110-010-012-N3-TC06	10–12	NCT 32	40	88	0,3	
	B5110-012-014-N3-TC06	12–14	NCT 32	40	88	0,3	
 Modular NCT adaptor	B5110-014-017-N4-TC09	14–17	NCT 40	50	100	0,5	TC .. 0902 ..
	B5110-017-020-N4-TC09	17–20	NCT 40	50	100	0,5	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

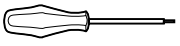
	Type	TC .. 06T1 ..	TC .. 0902 ..
	Clamping screw	FS2623 (SW 2,5)	FS2625 (SW 3)
	Clamping screw for indexable insert	FS2626 (6IP) 0,6 Nm	FS2627 (7IP) 0,8 Nm

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

	Basic body	Boring bar
	B5110-001-006-N2-B	EB701.WKP21
	B5110-001-006-N2-B	EB702.WKP21
	B5110-001-006-N2-B	EB703.WKP21
	B5110-001-006-N2-B	EB704.WKP21
	B5110-001-006-N2-B	EB705.WKP21
	B5110-001-006-N2-B	EB706.WKP21
	B5110-006-010-N2-B	EB707.WKP21
	B5110-006-010-N2-B	EB708.TC06
	B5110-010-014-N3-B	EB709.TC06
	B5110-010-014-N3-B	EB710.TC06
	B5110-014-020-N4-B	EB711.TC09
	B5110-014-020-N4-B	EB712.TC09

B2

Accessories

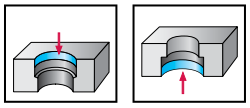
	Type		TC .. 06T1 ..	TC .. 0902 ..
	ISO 2936-2,5 key	ISO2936-2,5 (SW 2,5)	ISO2936-2,5 (SW 2,5)	
	ISO 2936-3 key		ISO2936-3 (SW 3)	ISO2936-3 (SW 3)
	Torque screwdriver, analogue		FS2001	FS2001
	Interchangeable blade		FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver		FS2086 (T6IP)	FS2088 (T7IP)

Precision boring tool

B5115 mm

Walter Precision XT

– Diameter adjustment for mm and inch measurement unit

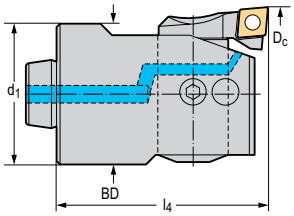
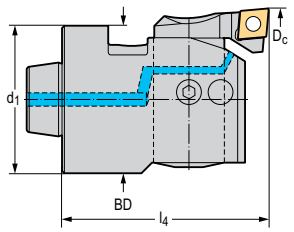


D_c 19–167	κ=92°	Z=1

	P	M	K	N	S	H	O
B5115	●●	●●	●●	●●	●●	●	●

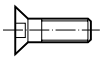
B 2

Tool

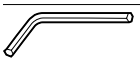
	Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
	B5115-035-045-N3-CC06	35–45	NCT 32	48	32	0,3	CC .. 0602 ..
	B5115-044-056-N4-CC06	44–56	NCT 40	56	40	0,5	
Modular NCT adaptor							
	B5115-055-070-N5-CC09	55–70	NCT 50	70	50	0,9	CC .. 09T3 ..
	B5115-069-087-N6-CC09	69–87	NCT 63	82	63	1,7	
	B5115-086-107-N6-CC09	86–107	NCT 63	94	80	2,4	
	B5115-106-137-N6-CC09	106–137	NCT 63	94	100	2,8	
	B5115-106-137-N8-CC09	106–137	NCT 80	104	100	3,8	
	B5115-136-167-N6-CC09	136–167	NCT 63	94	130	3,4	
	B5115-136-167-N8-CC09	136–167	NCT 80	104	130	4,4	
Modular NCT adaptor							

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
	Clamping screw	FS2624 (SW 3)	FS2630 (SW 4)	FS2628 (SW 2)	FS2624 (SW 3)	FS2630 (SW 4)
	Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2635 (SW 3)	FS2636 (SW 4)	FS2634 (SW 2)	FS2635 (SW 3)	FS2636 (SW 4)
	Coolant screw	FS2640 (SW 0,9)	FS2641 (SW 1,5)	FS2640 (SW 0,9)	FS2640 (SW 0,9)	FS2641 (SW 1,5)

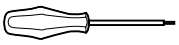
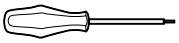
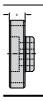
Accessories

	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key		ISO2936-2 (SW 2)	ISO2936-2 (SW 2)	ISO2936-2 (SW 2)
	ISO 2936-3 key	ISO2936-3 (SW 3)			
	ISO 2936-0.9 key	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	
	ISO 2936-4 key		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)

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

	Basic body	Cartridge
	B5115-035-045-N3-B	EB716.CC06
	B5115-044-056-N4-B	EB716.CC06
	B5115-055-070-N5-B	EB717.CC09
	B5115-069-087-N6-B	EB717.CC09
	B5115-086-107-N6-B	EB717.CC09
	B5115-106-137-N6-B	EB717.CC09
	B5115-106-137-N8-B	EB717.CC09
	B5115-136-167-N6-B	EB717.CC09
	B5115-136-167-N8-B	EB717.CC09

Accessories

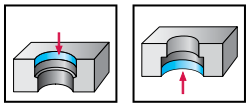
	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	Torque screwdriver, analogue	FS2001	FS2003	FS2001	FS2001
	Torque screwdriver, digital		FS2248		
	Interchangeable blade	FS2011 (T7IP)		FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)		FS2086 (T6IP)	FS2088 (T7IP)
	Interchangeable blade		FS2014 (T15IP)		
	Screwdriver		FS1485 (T15IP)		
	Extension	EB736 3 Nm		EB735 1,2 Nm	
	Extension		EB737 6 Nm		EB737 6 Nm

Precision boring tool

B5115 mm

Walter Precision XT

– Diameter adjustment for mm and inch measurement unit

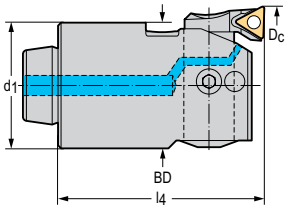
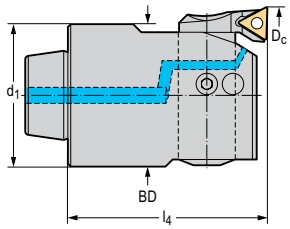


D_c 19–167	κ=92°	Z=1

	P	M	K	N	S	H	O
B5115	●●	●●	●●	●●	●●	●	●

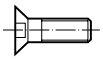
B2

Tool

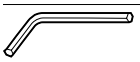
	Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
 Modular NCT adaptor	B5115-019-023-N2-TC06	19–23	NCT 25	80	18	0,2	TC .. 06T1 ..
	B5115-023-029-N2-TC06	23–29	NCT 25	91	20	0,2	
	B5115-028-036-N2-TC06	28–36	NCT 25	41	25	0,2	
 Modular NCT adaptor	B5115-035-045-N3-TC09	35–45	NCT 32	48	32	0,3	TC .. 0902 ..
	B5115-044-056-N4-TC09	44–56	NCT 40	56	40	1	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
	Clamping screw	FS2624 (SW 3)	FS2630 (SW 4)	FS2628 (SW 2)	FS2624 (SW 3)	FS2630 (SW 4)
	Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2635 (SW 3)	FS2636 (SW 4)	FS2634 (SW 2)	FS2635 (SW 3)	FS2636 (SW 4)
	Coolant screw	FS2640 (SW 0,9)	FS2641 (SW 1,5)	FS2640 (SW 0,9)	FS2640 (SW 0,9)	FS2641 (SW 1,5)

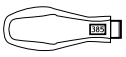
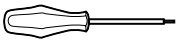
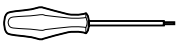
Accessories

	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key		ISO2936-2 (SW 2)	ISO2936-2 (SW 2)	ISO2936-2 (SW 2)
	ISO 2936-3 key	ISO2936-3 (SW 3)			
	ISO 2936-0.9 key	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	
	ISO 2936-4 key		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001	FS2003	FS2001	FS2001

	Basic body	Cartridge
	B5115-019-023-N2-B	EB713.TC06
	B5115-023-029-N2-B	EB713.TC06
	B5115-028-036-N2-B	EB713.TC06
	B5115-035-045-N3-B	EB714.TC09
	B5115-044-056-N4-B	EB714.TC09

B2

Accessories

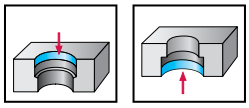
	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	Torque screwdriver, digital		FS2248		
	Interchangeable blade	FS2011 (T7IP)		FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)		FS2086 (T6IP)	FS2088 (T7IP)
	Interchangeable blade		FS2014 (T15IP)		
	Screwdriver		FS1485 (T15IP)		
	Extension	EB736 3 Nm		EB735 1,2 Nm	
	Extension		EB737 6 Nm		EB737 6 Nm

Precision boring tool

B5115 mm

Walter Precision XT

– Diameter adjustment for mm and inch measurement unit

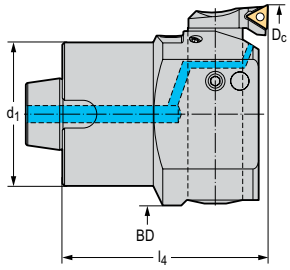


D_c 19–167	κ=92°	Z=1

	P	M	K	N	S	H	O
B5115	●●	●●	●●	●●	●●	●	●

B2

Tool

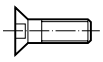


Modular NCT adaptor

Designation	D_c mm	d_1	l_4 mm	BD mm	kg	Type
B5115-055-070-N5-TC11	55–70	NCT 50	66	50	0,9	TC .. 1102 ..
B5115-069-087-N6-TC11	69–87	NCT 63	78	63	1,7	
B5115-086-107-N6-TC11	86–107	NCT 63	90	80	2,4	
B5115-106-137-N6-TC11	106–137	NCT 63	90	100	2,8	
B5115-106-137-N8-TC11	106–137	NCT 80	100	100	4,2	
B5115-136-167-N6-TC11	136–167	NCT 63	90	130	3,4	
B5115-136-167-N8-TC11	136–167	NCT 80	100	130	4,4	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

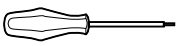
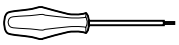
	Type	CC .. 0602 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 0902 ..	TC .. 1102 ..
	Clamping screw	FS2624 (SW 3)	FS2630 (SW 4)	FS2628 (SW 2)	FS2624 (SW 3)	FS2630 (SW 4)
	Clamping screw for indexable insert	FS2665 (7IP) 0,8 Nm	FS2666 (15IP) 3 Nm	FS2633 (6IP) 0,6 Nm	FS2664 (7IP) 0,8 Nm	FS2665 (7IP) 0,8 Nm
	Clamping screw for cartridge	FS2635 (SW 3)	FS2636 (SW 4)	FS2634 (SW 2)	FS2635 (SW 3)	FS2636 (SW 4)
	Coolant screw	FS2640 (SW 0,9)	FS2641 (SW 1,5)	FS2640 (SW 0,9)	FS2640 (SW 0,9)	FS2641 (SW 1,5)

Accessories

	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	ISO 2936-1,5 key		ISO2936-1,5 (SW 1,5)		ISO2936-1,5 (SW 1,5)
	ISO 2936-2 key		ISO2936-2 (SW 2)	ISO2936-2 (SW 2)	ISO2936-2 (SW 2)
	ISO 2936-3 key	ISO2936-3 (SW 3)			
	ISO 2936-0.9 key	ISO2936-0,9 (SW 0,9)		ISO2936-0,9 (SW 0,9)	
	ISO 2936-4 key		ISO2936-4 (SW 4)		ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001	FS2003	FS2001	FS2001

	Basic body	Cartridge
	B5115-055-070-N5-B	EB715.TC11
	B5115-069-087-N6-B	EB715.TC11
	B5115-086-107-N6-B	EB715.TC11
	B5115-106-137-N6-B	EB715.TC11
	B5115-106-137-N8-B	EB715.TC11
	B5115-136-167-N6-B	EB715.TC11
	B5115-136-167-N8-B	EB715.TC11

Accessories

	Type	CC .. 0602 ..–TC .. 0902 ..	CC .. 09T3 ..	TC .. 06T1 ..	TC .. 1102 ..
	Torque screwdriver, digital		FS2248		
	Interchangeable blade	FS2011 (T7IP)		FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)		FS2086 (T6IP)	FS2088 (T7IP)
	Interchangeable blade		FS2014 (T15IP)		
	Screwdriver		FS1485 (T15IP)		
	Extension	EB736 3 Nm		EB735 1,2 Nm	
	Extension		EB737 6 Nm		EB737 6 Nm

FINAL PRECISION WORK

WITH PROCESS RELIABILITY.

There are two types of threads in mould and die making: Connecting threads, usually for temperature control systems; and mounting threads, for connecting tool components to each other or to the machine. Mounting threads have to cope with strong mechanical forces. Connecting threads have to withstand high pressures and be tightly sealed against liquids.

Connecting threads must not come loose in the event of vibration. They are therefore often made metric fine-pitch and from hard material (e.g. hardened steels or tool steel). Materials producing long chips can be problematic. The chips can wrap around the tool and even lead to tool breakage. Therefore, thread forming or milling is recommended to counter the risk.

Thread milling cutters provide space for chip removal. For large dimensions, they may even be the only solution with indexable inserts, e.g. if solid tools are not practical due to excessive torques or costs. In the case of small and medium sized threads, thread forming may increase process reliability because no chips are produced from this process.*

* There are restrictions here, especially in the aerospace, medical and food industries

THE BENEFITS OF WALTER THREADING TOOLS

Taps:

Dimensionally accurate due to wide standard range (e.g. very long HSS-E taps for deep threads and machining beyond surface obstructions).

Ideal for long overhangs and demanding machining operations: Stability inducing tools with Walter DeVibe technology.

Tapping with the lowest possible run-out – without additional adjustment steps.

Thread formers:

Through hole and blind hole threads can be machined with the same tool.

Chip free machining for maximum process reliability of most ductile materials.

Lowest costs per thread due to long tool life of the formers (as no cutting corner wears here).

Innovative geometries and highly wear resistant HiPIMS coatings maximise tool edge life (e.g. TC420/TC430 Supreme)

Thread milling cutters:

High process reliability and flexibility due to adjustable tolerance range.

Threads of different sizes (same pitch) can be produced extremely reliably using the same tool (even small threads: M2 in TM0 HRC program and M1.6 in TM0 program).

Short machining times (e.g. with orbital thread milling cutters such as the TC685 Supreme) – core hole and thread are produced with the same tool.

Threading of very hard materials up to 65 HRC.

With Walter GPS, users benefit from threading strategies that are optimised for the individual application, including cutting data. Data that can be retrieved and used directly at the click of a mouse!

C – Threading

C1: Tapping		Page
HSS-E (-PM) taps	Product range overview	
	HSS-E (-PM) taps	257
	Order pages	
	HSS-E (-PM) taps	259
	MF – Metric fine-pitch thread	281
	UNC / UNF / UNEF / UN-8 / UNS	289
	G/Rc/Rp	304
Solid carbide taps	Product range overview	
	Solid carbide taps	306
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	M – Metric thread	307
	G	309

C2: Thread forming		Page
HSS-E (-PM) and solid carbide thread formers	Product range overview	
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C3: Thread milling		Page
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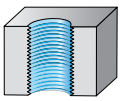
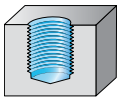
Solid carbide orbital thread milling cutters	Product range overview	
	Solid carbide orbital thread milling cutters	368
	Order pages	
	Solid carbide orbital thread milling cutters	369
Thread milling cutters with indexable inserts	Product range overview	
	Thread milling cutters with indexable inserts	387
	Order pages	
	Thread milling cutters with indexable inserts	388

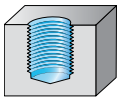
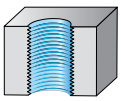
HSS-E (-PM) taps

Machining					
Thread depth	3,5 x D_N	3,5 x D_N	3 x D_N	3 x D_N	3 x D_N
Designation	Prototex® Eco Plus	TC216 Perform	Paradur® Eco Plus	Paradur® X-pert P	TC115 Perform
Thread type					
M	✔	✔	✔	✔	✔
MF	✔	✔	✔		✔
UNC / UNF / UN-8	✔	✔	✔		✔
G / Rc / Rp	✔		✔		
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	2B / 6GX / 6HX / NORMAL	2B / 6H	2B / 6GX / 6HX / NORMAL	6H	2B / 6H
Coolant supply	External / radial	External	External / axial / radial	External	External
Chamfer form	B	B	C / E	C	C / E
Coating / grade	THL / TIN	WY80AA / WY80FC	THL / TIN	THL / uncoated	WY80AA / WY80FC
Cutting tool material	HSS-E-PM	HSS-E	HSS-E-PM	HSS-E	HSS-E
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●		●●
K Cast iron	●●	●●	●●		●●
N NF metals	●●	●●	●●	●	●
S Materials with difficult cutting properties					
H Hard materials					
O Other				●	
Page in catalogue	261	265	268	281	275
QR code					
www.walter-tools.com/woc/	prototex-eco-plus	TC216	paradur-eco-plus	paradur-xpert-p	TC115

WALTER SELECT ●● Primary application ● Other application

C1

HSS-E (-PM) taps

Machining			
Thread depth	3,5 x D_N	3 x D_N	3 x D_N
Designation	TC130 Supreme	TC115 Perform	TC216 Perform
Thread type			
M	✔	✔	✔
MF	✔		
UNC / UNF / UN-8	✔		
G / Rc / Rp			
MJ / UNJC / UNJF			
NPT / NPTF			
Pg / BSW / Tr			
Indexable inserts basic shape			
Tolerance	2B / 6HX		
Coolant supply	axial	External	External
Chamfer form	C	B	C
Coating / grade	WY80AA / WY80EH	WY80AA / WY80FC	WY80AA / WY80FC
Cutting tool material	HSS-E		
P Steel	●●	●●	●●
M Stainless steel		●●	●●
K Cast iron	●●	●●	●●
N NF metals	●	●	●●
S Materials with difficult cutting properties			
H Hard materials			
O Other	●		
Page in catalogue	**279**	**277**	**266**
QR code			
www.walter-tools.com/woc/	TC130	TC115	TC216

C1

WALTER SELECT

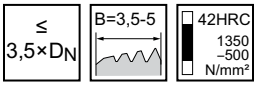
●● Primary application ● Other application

HSS-E PM machine taps

mm

Prototex® Eco Plus

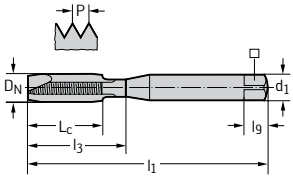
– For long-chipping materials



M	6HX	
DIN 13		

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

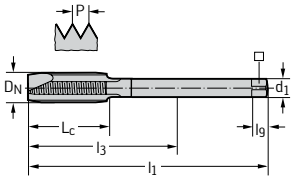
DIN 371



Parallel shank

Designation THL	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2021302-M2	EP2021305-M2	M 2	0,4	45	6	9	2,8	2,1	5	3
EP2021302-M2.5	EP2021305-M2.5	M 2.5	0,45	50	8	12,5	2,8	2,1	5	3
EP2021302-M3	EP2021305-M3	M 3	0,5	56	9	18	3,5	2,7	6	3
EP2021302-M4	EP2021305-M4	M 4	0,7	63	12	21	4,5	3,4	6	3
EP2021302-M5	EP2021305-M5	M 5	0,8	70	13	25	6	4,9	8	3
EP2021302-M6	EP2021305-M6	M 6	1	80	15	30	6	4,9	8	3
EP2021302-M8	EP2021305-M8	M 8	1,25	90	18	35	8	6,2	9	3
EP2021302-M10	EP2021305-M10	M 10	1,5	100	20	39	10	8	11	3

DIN 376



Parallel shank

Designation THL	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2026302-M12	EP2026305-M12	M 12	1,75	110	23	83	9	7	10	4
EP2026302-M14	EP2026305-M14	M 14	2	110	25	81	11	9	12	4
EP2026302-M16	EP2026305-M16	M 16	2	110	25	68	12	9	12	4
EP2026302-M18	EP2026305-M18	M 18	2,5	125	30	81	14	11	14	4
EP2026302-M20	EP2026305-M20	M 20	2,5	140	30	95	16	12	15	4
EP2026302-M24	EP2026305-M24	M 24	3	160	36	113	18	14,5	17	4
EP2026302-M27		M 27	3	160	36	97	20	16	19	4
EP2026302-M30		M 30	3,5	180	42	115	22	18	21	4

C1

WALTER SELECT

●● Primary application ● Other application

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

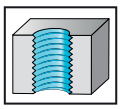
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E PM machine taps

mm

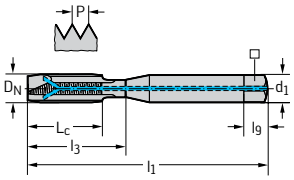
Prototex® Eco Plus

– For long-chipping materials

M DIN 13	6HX	

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

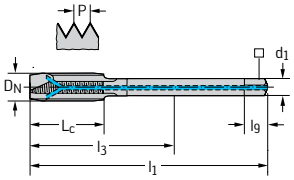
DIN 371



Parallel shank

Designation THL	DN	P mm	l1 mm	Lc mm	l3 mm	d1 h9 mm	□ mm	l9 mm	N
EP2021342-M6	M 6	1	80	15	30	6	4,9	8	3
EP2021342-M8	M 8	1,25	90	18	35	8	6,2	9	3
EP2021342-M10	M 10	1,5	100	20	39	10	8	11	3

DIN 376



Parallel shank

Designation THL	DN	P mm	l1 mm	Lc mm	l3 mm	d1 h9 mm	□ mm	l9 mm	N
EP2026342-M12	M 12	1,75	110	23	83	9	7	10	4
EP2026342-M16	M 16	2	110	25	68	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

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

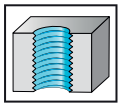
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E PM machine taps

mm

Prototex® Eco Plus

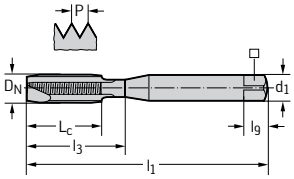
– For long-chipping materials

M DIN 13	6HX	

≤ 3,5×D_N	B=3,5-5	LH	42HRC 1350 –500 N/mm²

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

DIN 371



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2021382-M3	M 3	0,5	56	9	18	3,5	2,7	6	3
EP2021382-M4	M 4	0,7	63	12	21	4,5	3,4	6	3
EP2021382-M5	M 5	0,8	70	13	25	6	4,9	8	3
EP2021382-M6	M 6	1	80	15	30	6	4,9	8	3
EP2021382-M8	M 8	1,25	90	18	35	8	6,2	9	3
EP2021382-M10	M 10	1,5	100	20	39	10	8	11	3

C1

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E PM machine taps

mm

Prototex® Eco Plus

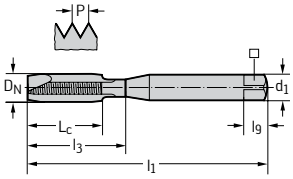
≤ 3,5×D_N | B=3,5-5 | 42HRC 1350 ~500 N/mm²

– For long-chipping materials

M	6GX	
DIN 13		

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

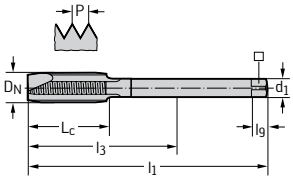
DIN 371



Parallel shank

Designation THL	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2023302-M2	EP2023305-M2	M 2	0,4	45	6	9	2,8	2,1	5	3
EP2023302-M2.5	EP2023305-M2.5	M 2.5	0,45	50	8	12,5	2,8	2,1	5	3
EP2023302-M3	EP2023305-M3	M 3	0,5	56	9	18	3,5	2,7	6	3
EP2023302-M4	EP2023305-M4	M 4	0,7	63	12	21	4,5	3,4	6	3
EP2023302-M5	EP2023305-M5	M 5	0,8	70	13	25	6	4,9	8	3
EP2023302-M6	EP2023305-M6	M 6	1	80	15	30	6	4,9	8	3
EP2023302-M8	EP2023305-M8	M 8	1,25	90	18	35	8	6,2	9	3
EP2023302-M10	EP2023305-M10	M 10	1,5	100	20	39	10	8	11	3

DIN 376



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2028302-M12	M 12	1,75	110	23	83	9	7	10	4
EP2028302-M14	M 14	2	110	25	81	11	9	12	4
EP2028302-M16	M 16	2	110	25	68	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E machine taps

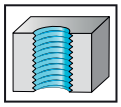
TC216 Perform mm

≤ 3×D_N | B=3,5-5 | 32HRC, 1000 –350 N/mm²

– For long-chipping materials

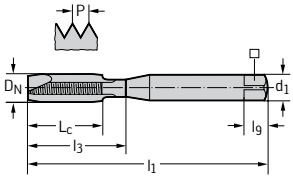
M
DIN 13

ISO2/6H



	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●●			
WY80FC	●●	●●	●●	●●			

DIN 371

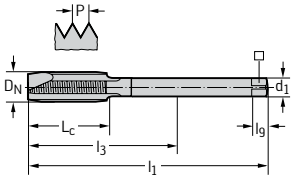


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TC216-M1.6-C0-	M 1.6	0,35	40	7	7	2,5	2,1	5	2	☹	☹
TC216-M2-C0-	M 2	0,4	45	6	9	2,8	2,1	5	2	☹	☹
TC216-M2.5-C0-	M 2.5	0,45	50	8	12,5	2,8	2,1	5	2	☹	☹
TC216-M3-C0-	M 3	0,5	56	9	18	3,5	2,7	6	2	☹	☹
TC216-M4-C0-	M 4	0,7	63	12	21	4,5	3,4	6	3	☹	☹
TC216-M5-C0-	M 5	0,8	70	13	25	6	4,9	8	3	☹	☹
TC216-M6-C0-	M 6	1	80	15	30	6	4,9	8	3	☹	☹
TC216-M8-C0-	M 8	1,25	90	18	35	8	6,2	9	3	☹	☹
TC216-M10-C0-	M 10	1,5	100	20	39	10	8	11	3	☹	☹

Ordering example for the grade WY80AA: TC216-M1.6-C0-WY80AA

DIN 376



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TC216-M12-L0-	M 12	1,75	110	23	83	9	7	10	3	☹	☹
TC216-M14-L0-	M 14	2	110	25	81	11	9	12	4	☹	☹
TC216-M16-L0-	M 16	2	110	25	68	12	9	12	4	☹	☹
TC216-M20-L0-	M 20	2,5	140	30	95	16	12	15	4	☹	☹

Ordering example for the grade WY80AA: TC216-M12-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E tap set 1
TC216 Perform

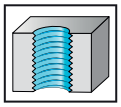
≤ 3×D_N

1000 ~350 N/mm²

– Universal tap set

M
DIN 13

ISO2/6H



	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●●			
WY80FC	●●	●●	●●	●●			

Tool

Designation	D_N	Quantity	WY80AA	WY80FC
TC216-SET1-M3-M12-	M 3 – M 12	7		

Bodies and assembly parts are included in the scope of delivery
Ordering example for the grade WY80AA: TC216-SET1-M3-M12-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E tap set 2
TC216 Perform

– Universal tap set
– Incl. Core-hole drill

≤ 3×D_N | 1000 –350 N/mm²

M	ISO2/6H	
DIN 13		

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●●			
WY80FC	●●	●●	●●	●●			

Tool

Designation	D_N	Sets dia. mm	Sets dia. mm	Quantity	WY80AA	WY80FC
TC216-SET2-M3-M12-	M 3 – M 12	2,5	10,2	14		

Bodies and assembly parts are included in the scope of delivery
Ordering example for the grade WY80AA: TC216-SET2-M3-M12-WY80AA

C1

WALTER SELECT

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

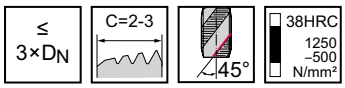
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E PM machine taps

mm

Paradur® Eco Plus

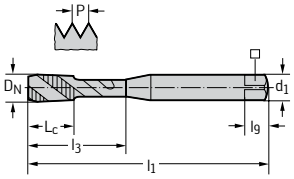
– For long-chipping materials



M	6HX	
DIN 13		

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

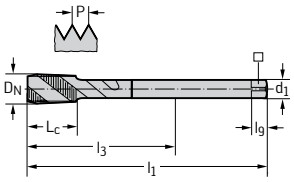
~DIN 371



Parallel shank

Designation THL	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2051302-M2	EP2051305-M2	M 2	0,4	45	4	7,6	2,8	2,1	5	3
EP2051302-M2.5	EP2051305-M2.5	M 2.5	0,45	50	4	9,3	2,8	2,1	5	3
EP2051302-M3	EP2051305-M3	M 3	0,5	56	6	11	3,5	2,7	6	3
EP2051302-M4	EP2051305-M4	M 4	0,7	63	7	14,8	4,5	3,4	6	3
EP2051302-M5	EP2051305-M5	M 5	0,8	70	8	20,7	6	4,9	8	3
EP2051302-M6	EP2051305-M6	M 6	1	80	10	25	6	4,9	8	3
EP2051302-M8	EP2051305-M8	M 8	1,25	90	12	35	8	6,2	9	3
EP2051302-M10	EP2051305-M10	M 10	1,5	100	15	39	10	8	11	3

DIN 376



Parallel shank

Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2056305-M12	M 12	1,75	110	16	83	9	7	10	4
EP2056305-M14	M 14	2	110	20	81	11	9	12	4
EP2056305-M16	M 16	2	110	20	68	12	9	12	4
EP2056305-M18	M 18	2,5	125	25	81	14	11	14	4
EP2056305-M20	M 20	2,5	140	25	95	16	12	15	4
EP2056305-M24	M 24	3	160	30	113	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

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

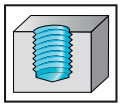
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E PM machine taps

mm

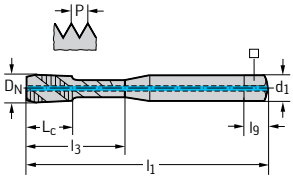
Paradur® Eco Plus

– For long-chipping materials

M DIN 13	6HX	

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

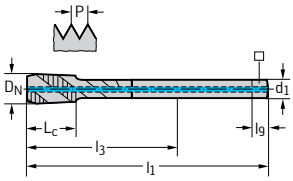
~DIN 371



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2051312-M4	M 4	0,7	63	7	14,8	4,5	3,4	6	3
EP2051312-M5	M 5	0,8	70	8	20,7	6	4,9	8	3
EP2051312-M6	M 6	1	80	10	25	6	4,9	8	3
EP2051312-M8	M 8	1,25	90	12	35	8	6,2	9	3
EP2051312-M10	M 10	1,5	100	15	39	10	8	11	3

DIN 376



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2056312-M12	M 12	1,75	110	16	83	9	7	10	4
EP2056312-M16	M 16	2	110	20	68	12	9	12	4
EP2056312-M20	M 20	2,5	140	25	95	16	12	15	4
EP2056312-M24	M 24	3	160	30	113	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

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

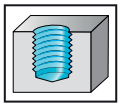
☺ 😐 ☹ / ★ = New addition to the product range

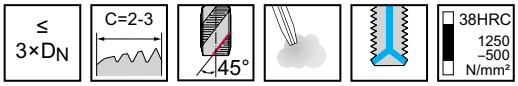
HSS-E PM machine taps

mm

Paradur® Eco Plus

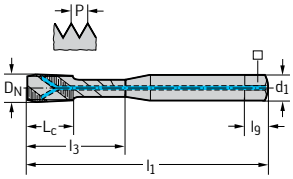
– For long-chipping materials

M DIN 13	6HX	



	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

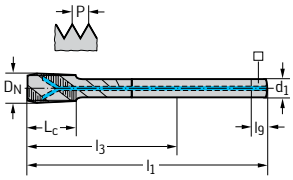
DIN 371



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2051342-M8	M 8	1,25	90	12	35	8	6,2	9	3
EP2051342-M10	M 10	1,5	100	15	39	10	8	11	3

DIN 376



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2056342-M12	M 12	1,75	110	16	83	9	7	10	4
EP2056342-M16	M 16	2	110	20	68	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E PM machine taps

mm

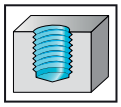
Paradur® Eco Plus

– For long-chipping materials

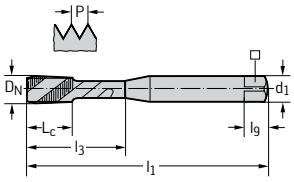
	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

M
DIN 13

6HX



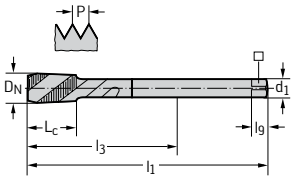
~DIN 371



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2051382-M3	M 3	0,5	56	6	11	3,5	2,7	6	3
EP2051382-M4	M 4	0,7	63	7	14,8	4,5	3,4	6	3
EP2051382-M5	M 5	0,8	70	8	20,7	6	4,9	8	3
EP2051382-M6	M 6	1	80	10	25	6	4,9	8	3
EP2051382-M8	M 8	1,25	90	12	35	8	6,2	9	3
EP2051382-M10	M 10	1,5	100	15	39	10	8	11	3

DIN 376



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2056382-M12	M 12	1,75	110	16	83	9	7	10	4
EP2056382-M14	M 14	2	110	20	81	11	9	12	4
EP2056382-M16	M 16	2	110	20	68	12	9	12	4
EP2056382-M18	M 18	2,5	125	25	81	14	11	14	4
EP2056382-M20	M 20	2,5	140	25	95	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

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

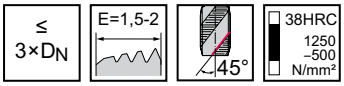
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E PM machine taps

mm

Paradur® Eco Plus

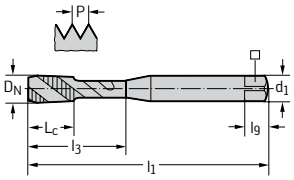
– For long-chipping materials



M	6HX	
DIN 13		

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

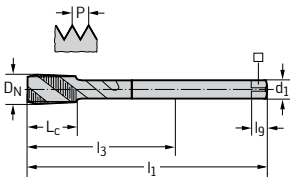
~DIN 371



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2051362-M4	M 4	0,7	63	7	14,8	4,5	3,4	6	3
EP2051362-M5	M 5	0,8	70	8	20,7	6	4,9	8	3
EP2051362-M6	M 6	1	80	10	25	6	4,9	8	3
EP2051362-M8	M 8	1,25	90	12	35	8	6,2	9	4
EP2051362-M10	M 10	1,5	100	15	39	10	8	11	4

DIN 376



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2056362-M12	M 12	1,75	110	16	83	9	7	10	4
EP2056362-M16	M 16	2	110	20	68	12	9	12	4
EP2056362-M20	M 20	2,5	140	25	95	16	12	15	4
EP2056362-M24	M 24	3	160	30	113	18	14,5	17	5

C1

WALTER SELECT

●● Primary application ● Other application

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

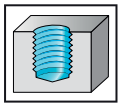
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E PM machine taps

mm

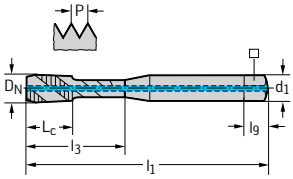
Paradur® Eco Plus

– For long-chipping materials

M DIN 13	6HX	

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

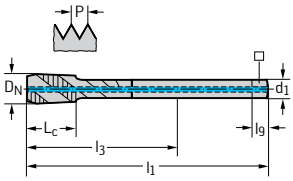
~DIN 371



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2051352-M4	M 4	0,7	63	7	14,8	4,5	3,4	6	3
EP2051352-M5	M 5	0,8	70	8	20,7	6	4,9	8	3
EP2051352-M6	M 6	1	80	10	25	6	4,9	8	3
EP2051352-M8	M 8	1,25	90	12	35	8	6,2	9	4
EP2051352-M10	M 10	1,5	100	15	39	10	8	11	4

DIN 376



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2056352-M12	M 12	1,75	110	16	83	9	7	10	4
EP2056352-M16	M 16	2	110	20	68	12	9	12	4
EP2056352-M20	M 20	2,5	140	25	95	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

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

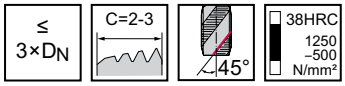
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E PM machine taps

mm

Paradur® Eco Plus

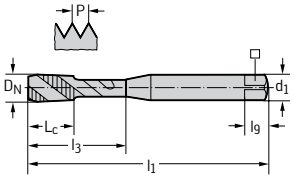
– For long-chipping materials



M	6GX	
DIN 13		

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

~DIN 371



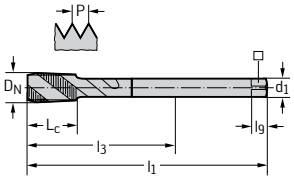
Parallel shank

Designation THL	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2053302-M2	EP2053305-M2	M 2	0,4	45	4	7,6	2,8	2,1	5	3
EP2053302-M2.5	EP2053305-M2.5	M 2.5	0,45	50	4	9,3	2,8	2,1	5	3
EP2053302-M3	EP2053305-M3	M 3	0,5	56	6	11	3,5	2,7	6	3
EP2053302-M4	EP2053305-M4	M 4	0,7	63	7	14,8	4,5	3,4	6	3
EP2053302-M5	EP2053305-M5	M 5	0,8	70	8	20,7	6	4,9	8	3
EP2053302-M6	EP2053305-M6	M 6	1	80	10	25	6	4,9	8	3
EP2053302-M8	EP2053305-M8	M 8	1,25	90	12	35	8	6,2	9	3
EP2053302-M10	EP2053305-M10	M 10	1,5	100	15	39	10	8	11	3

≤ M 2.5: Without thread taper

C1

DIN 376



Parallel shank

Designation THL	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2058302-M12	EP2058305-M12	M 12	1,75	110	16	83	9	7	10	4
EP2058302-M14	EP2058305-M14	M 14	2	110	20	81	11	9	12	4
EP2058302-M16	EP2058305-M16	M 16	2	110	20	68	12	9	12	4

WALTER SELECT

●● Primary application ● Other application

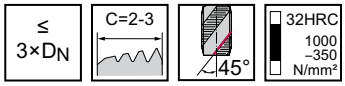
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

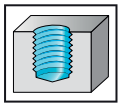
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E machine taps

TC115 Perform mm

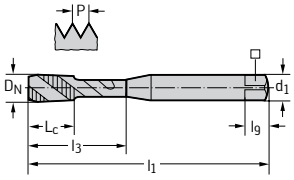
– For long-chipping materials



M	ISO2/6H	
DIN 13		

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			
WY80FC	●●	●●	●●	●			

DIN 371

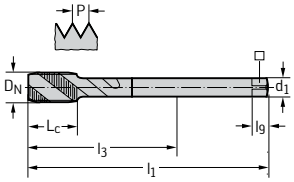


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TC115-M1.6-C0-	M 1.6	0,35	40	6	6	2,5	2,1	5	2	☹	☹
TC115-M2-C0-	M 2	0,4	45	4	9	2,8	2,1	5	3	☹	☹
TC115-M2.5-C0-	M 2.5	0,45	50	4	12,5	2,8	2,1	5	3	☹	☹
TC115-M3-C0-	M 3	0,5	56	6	18	3,5	2,7	6	3	☹	☹
TC115-M4-C0-	M 4	0,7	63	7	21	4,5	3,4	6	3	☹	☹
TC115-M5-C0-	M 5	0,8	70	8	25	6	4,9	8	3	☹	☹
TC115-M6-C0-	M 6	1	80	10	30	6	4,9	8	3	☹	☹
TC115-M8-C0-	M 8	1,25	90	12	35	8	6,2	9	3	☹	☹
TC115-M10-C0-	M 10	1,5	100	15	39	10	8	11	3	☹	☹

Ordering example for the grade WY80AA: TC115-M1.6-C0-WY80AA

DIN 376



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TC115-M12-L0-	M 12	1,75	110	16	83	9	7	10	3	☹	☹
TC115-M14-L0-	M 14	2	110	20	81	11	9	12	3	☹	☹
TC115-M16-L0-	M 16	2	110	20	68	12	9	12	3	☹	☹
TC115-M20-L0-	M 20	2,5	140	25	95	16	12	15	4	☹	☹

Ordering example for the grade WY80AA: TC115-M12-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E machine taps

TC115 Perform mm

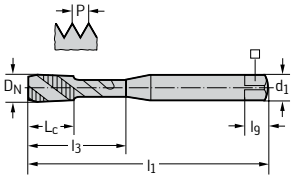
– For long-chipping materials

M	ISO2/6H	
DIN 13		

≤ 3×D_N	E=1,5-2	45°	32HRC 1000 –350 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			

DIN 371



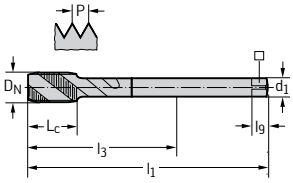
Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC115-M3-CE-	M 3	0,5	56	6	18	3,5	2,7	6	3	●●
TC115-M4-CE-	M 4	0,7	63	7	21	4,5	3,4	6	3	●●
TC115-M5-CE-	M 5	0,8	70	8	25	6	4,9	8	3	●●
TC115-M6-CE-	M 6	1	80	10	30	6	4,9	8	3	●●
TC115-M8-CE-	M 8	1,25	90	12	35	8	6,2	9	3	●●
TC115-M10-CE-	M 10	1,5	100	15	39	10	8	11	3	●●

Ordering example for the grade WY80AA: TC115-M10-CE-WY80AA

C1

DIN 376



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC115-M12-LE-	M 12	1,75	110	16	83	9	7	10	3	●●
TC115-M14-LE-	M 14	2	110	20	81	11	9	12	3	●●
TC115-M16-LE-	M 16	2	110	20	68	12	9	12	3	●●
TC115-M20-LE-	M 20	2,5	140	25	95	16	12	15	4	●●

Ordering example for the grade WY80AA: TC115-M12-LE-WY80AA

WALTER SELECT

●● Primary application ● Other application

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

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

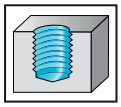
HSS-E tap set 1
TC115 Perform

≤ 3×D_N | C= | 45° | 1000 –350 N/mm²

– Universal tap set

M
DIN 13

ISO2/6H



	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			
WY80FC	●●	●●	●●	●			

Tool

Designation	D_N	Quantity	WY80AA	WY80FC
TC115-SET1-M3-M12-	M 3 – M 12	7		

Bodies and assembly parts are included in the scope of delivery
Ordering example for the grade WY80AA: TC115-SET1-M3-M12-WY80AA

C1

WALTER SELECT

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

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

HSS-E tap set 2
TC115 Perform

– Universal tap set
– Incl. Core-hole drill

≤ 3×D_N | C | 45° | 1000 –350 N/mm²

M	ISO2/6H	
DIN 13		

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			
WY80FC	●●	●●	●●	●			

Tool

Designation	D_N	Sets dia. mm	Sets dia. mm	Quantity	WY80AA	WY80FC
TC115-SET2-M3-M12-	M 3 – M 12	2,5	10,2	14		

Bodies and assembly parts are included in the scope of delivery
Ordering example for the grade WY80AA: TC115-SET2-M3-M12-WY80AA

C1

WALTER SELECT

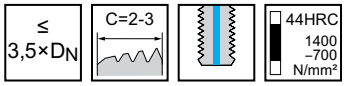
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

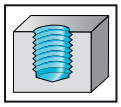
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E machine taps

TC130 Supreme mm

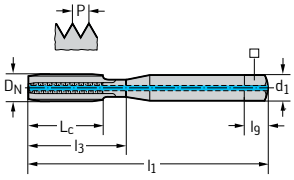
– WY80AA: Good Performance
– WY80EH: Excellent Performance



M DIN 13	6HX	

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

DIN 371

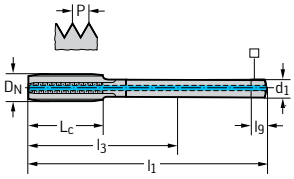


Parallel shank

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

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

DIN 376



Parallel shank

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

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

C1

WALTER SELECT

●● Primary application ● Other application

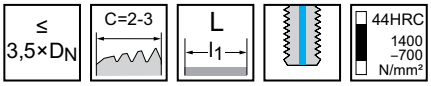
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

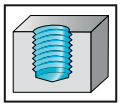
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E machine taps

TC130 Supreme mm

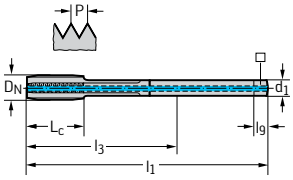
– WY80AA: Good Performance
– WY80EH: Excellent Performance



M DIN 13	6HX	

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

~DIN 376 L



Parallel shank

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

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

C1

WALTER SELECT

●● Primary application ● Other application

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

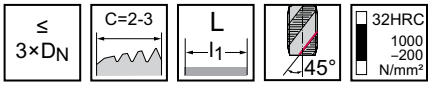
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E machine taps

mm

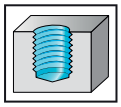
Paradur® X·pert P

– For long-chipping materials



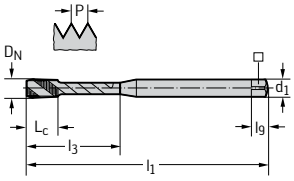
M
DIN 13

ISO2/6H



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

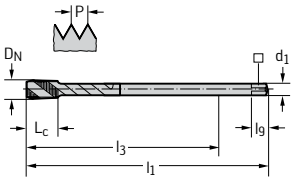
~DIN 371 L



Parallel shank

Designation THL	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P2051832-M3	P205183-M3	M 3	0,5	112	6	18	3,5	2,7	6	3
P2051832-M4	P205183-M4	M 4	0,7	112	7	21	4,5	3,4	6	3
P2051832-M5	P205183-M5	M 5	0,8	125	8	25	6	4,9	8	3
P2051832-M6	P205183-M6	M 6	1	125	10	30	6	4,9	8	3
P2051832-M8	P205183-M8	M 8	1,25	140	13	40	8	6,2	9	3
P2051832-M10	P205183-M10	M 10	1,5	160	15	50	10	8	11	3

~DIN 376 L



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P2056832-M8	M 8	1,25	140	12	117	6	4,9	8	3
P2056832-M10	M 10	1,5	160	15	137	7	5,5	8	3
P2056832-M12	M 12	1,75	180	16	153	9	7	10	3
P2056832-M14	M 14	2	180	20	151	11	9	12	3
P2056832-M16	M 16	2	200	20	158	12	9	12	3
P2056832-M20	M 20	2,5	224	25	179	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

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

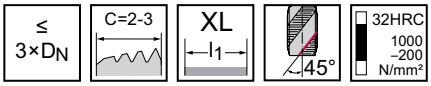
😊 😐 ☹ / ★ = New addition to the product range

HSS-E machine taps

mm

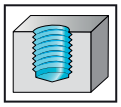
Paradur® X·pert P

– For long-chipping materials



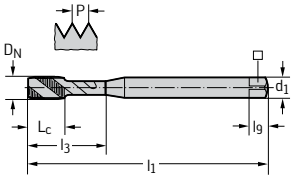
M
DIN 13

ISO2/6H



	P	M	K	N	S	H	O
uncoated	●●			●			●

~DIN 371 XL



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P2051935-M3	M 3	0,5	125	6	18	3,5	2,7	6	3
P2051935-M4	M 4	0,7	125	7	21	4,5	3,4	6	3
P2051935-M5	M 5	0,8	140	8	25	6	4,9	8	3
P2051935-M6	M 6	1	160	10	30	6	4,9	8	3
P2051935-M8	M 8	1,25	180	13	35	8	6,2	9	3
P2051935-M10	M 10	1,5	200	15	39	10	8	11	3

C1

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E PM machine taps

mm

Prototex® Eco Plus

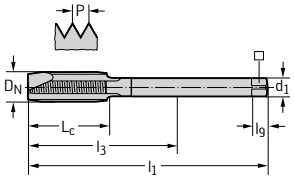
– For long-chipping materials

MF	6HX	
DIN 13		

≤ 3,5×D_N | B=3,5-5 | 42HRC 1350 –500 N/mm²

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

DIN 374



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2126302-M6X0.75	MF 6x0.75	0,75	80	15	59	4,5	3,4	6	3
EP2126302-M8X1	MF 8x1	1	90	18	67	6	4,9	8	3
EP2126302-M10X1	MF 10x1	1	90	20	67	7	5,5	8	3
EP2126302-M10X1.25	MF 10x1.25	1,25	100	20	77	7	5,5	8	3
EP2126302-M12X1	MF 12x1	1	100	21	73	9	7	10	4
EP2126302-M12X1.25	MF 12x1.25	1,25	100	21	73	9	7	10	4
EP2126302-M12X1.5	MF 12x1.5	1,5	100	21	73	9	7	10	4
EP2126302-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	4
EP2126302-M16X1.5	MF 16x1.5	1,5	100	21	58	12	9	12	4
EP2126302-M18X1.5	MF 18x1.5	1,5	110	24	66	14	11	14	4
EP2126302-M20X1.5	MF 20x1.5	1,5	125	24	80	16	12	15	4
EP2126302-M22X1.5	MF 22x1.5	1,5	125	24	78	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E PM machine taps

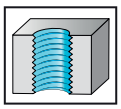
mm

Prototex® Eco Plus

– For long-chipping materials

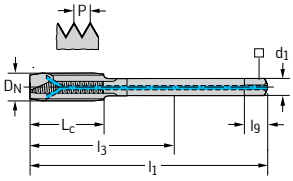
MF
DIN 13

6HX



	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

DIN 374



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2126342-M8X1	MF 8x1	1	90	18	67	6	4,9	5	3
EP2126342-M10X1	MF 10x1	1	90	20	67	7	5,5	8	3
EP2126342-M10X1.25	MF 10x1.25	1,25	100	20	77	7	5,5	8	3
EP2126342-M12X1	MF 12x1	1	100	21	73	9	7	10	4
EP2126342-M12X1.25	MF 12x1.25	1,25	100	21	73	9	7	10	4
EP2126342-M12X1.5	MF 12x1.5	1,5	100	21	73	9	7	10	4
EP2126342-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	4
EP2126342-M16X1.5	MF 16x1.5	1,5	100	21	58	12	9	12	4
EP2126342-M18X1.5	MF 18x1.5	1,5	110	24	66	14	11	14	4
EP2126342-M20X1.5	MF 20x1.5	1,5	125	24	80	16	12	12	4

C1

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E machine taps

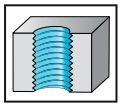
TC216 Perform mm

≤ 3×D_N | B=3,5-5 | 32HRC 1000 –350 N/mm²

– For long-chipping materials

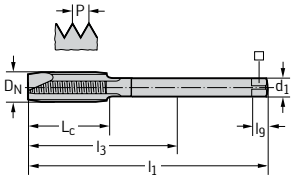
MF
DIN 13

ISO2/6H



	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●●			
WY80FC	●●	●●	●●	●●			

DIN 374



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TC216-M8X1-L0-	MF 8x1	1	90	18	67	6	4,9	8	3	☹	☹
TC216-M10X1-L0-	MF 10x1	1	90	20	67	7	5,5	8	3	☹	☹
TC216-M10X1.25-L0-	MF 10x1.25	1,25	100	20	77	7	5,5	8	3	☹	☹
TC216-M12X1.25-L0-	MF 12x1.25	1,25	100	21	73	9	7	10	4	☹	☹
TC216-M12X1.5-L0-	MF 12x1.5	1,5	100	21	73	9	7	10	4	☹	☹
TC216-M14X1.5-L0-	MF 14x1.5	1,5	100	21	71	11	9	12	4	☹	☹
TC216-M16X1.5-L0-	MF 16x1.5	1,5	100	21	58	12	9	12	4	☹	☹
TC216-M18X1.5-L0-	MF 18x1.5	1,5	110	24	66	14	11	14	4	☹	☹

Ordering example for the grade WY80AA: TC216-M10X1-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

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

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

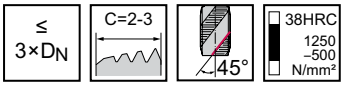
HSS-E PM machine taps

mm

Paradur® Eco Plus

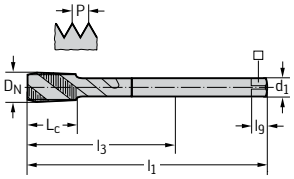
– For long-chipping materials

MF	6HX	
DIN 13		



	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

DIN 374



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2156302-M6X0.75	MF 6x0.75	0,75	80	10	59	4,5	3,4	6	3
EP2156302-M8X1	MF 8x1	1	90	12	67	6	4,9	8	3
EP2156302-M10X1	MF 10x1	1	90	12	67	7	5,5	8	3
EP2156302-M10X1.25	MF 10x1.25	1,25	100	15	77	7	5,5	8	3
EP2156302-M12X1	MF 12x1	1	100	13	73	9	7	10	4
EP2156302-M12X1.25	MF 12x1.25	1,25	100	13	73	9	7	10	4
EP2156302-M12X1.5	MF 12x1.5	1,5	100	13	73	9	7	10	4
EP2156302-M14X1.25	MF 14x1.25	1,25	100	15	71	11	9	12	4
EP2156302-M14X1.5	MF 14x1.5	1,5	100	15	71	11	9	12	4
EP2156302-M16X1.5	MF 16x1.5	1,5	100	15	58	12	9	12	4
EP2156302-M18X1.5	MF 18x1.5	1,5	110	17	66	14	11	14	4
EP2156302-M20X1.5	MF 20x1.5	1,5	125	17	80	16	12	15	4
EP2156302-M22X1.5	MF 22x1.5	1,5	125	18	78	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

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

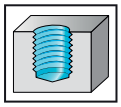
New addition to the product range = ☺ 😐 ☹ / ★

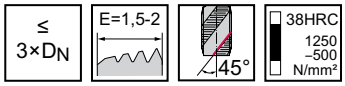
HSS-E PM machine taps

mm

Paradur® Eco Plus

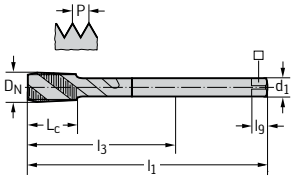
– For long-chipping materials

MF DIN 13	6HX	



	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

DIN 374



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2156362-M8X1	MF 8x1	1	90	12	67	6	4,9	8	4
EP2156362-M10X1	MF 10x1	1	90	12	67	7	5,5	8	4
EP2156362-M12X1.5	MF 12x1.5	1,5	100	13	73	9	7	10	4
EP2156362-M14X1.5	MF 14x1.5	1,5	100	15	71	11	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

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

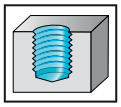
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E PM machine taps

mm

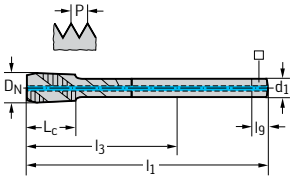
Paradur® Eco Plus

– For long-chipping materials

MF DIN 13	6HX	

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

DIN 374



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2156312-M8X1	MF 8x1	1	90	12	67	6	4,9	8	3
EP2156312-M10X1	MF 10x1	1	90	12	67	7	5,5	8	3
EP2156312-M10X1.25	MF 10x1.25	1,25	100	15	77	7	5,5	8	3
EP2156312-M12X1	MF 12x1	1	100	13	73	9	7	10	4
EP2156312-M12X1.25	MF 12x1.25	1,25	100	13	73	9	7	10	4
EP2156312-M12X1.5	MF 12x1.5	1,5	100	13	73	9	7	10	4
EP2156312-M14X1.5	MF 14x1.5	1,5	100	15	71	11	9	12	4
EP2156312-M16X1.5	MF 16x1.5	1,5	100	15	58	12	9	12	4
EP2156312-M18X1.5	MF 18x1.5	1,5	110	17	66	14	11	14	4
EP2156312-M20X1.5	MF 20x1.5	1,5	125	17	80	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

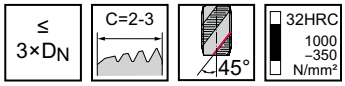
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

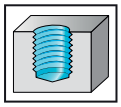
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E machine taps

TC115 Perform mm

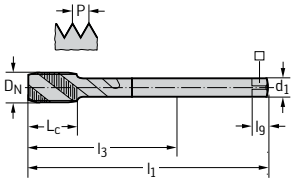
– For long-chipping materials



MF DIN 13	ISO2/6H	

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			
WY80FC	●●	●●	●●	●			

DIN 374



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TC115-M8X1-L0-	MF 8x1	1	90	12	67	6	4,9	8	3	☹	☹
TC115-M10X1-L0-	MF 10x1	1	90	12	67	7	5,5	8	3	☹	☹
TC115-M10X1.25-L0-	MF 10x1.25	1,25	100	15	77	7	5,5	8	3	☹	☹
TC115-M12X1.25-L0-	MF 12x1.25	1,25	100	13	73	9	7	10	4	☹	☹
TC115-M12X1.5-L0-	MF 12x1.5	1,5	100	13	73	9	7	10	4	☹	☹
TC115-M14X1.5-L0-	MF 14x1.5	1,5	100	15	71	11	9	12	4	☹	☹
TC115-M16X1.5-L0-	MF 16x1.5	1,5	100	15	58	12	9	12	4	☹	☹
TC115-M18X1.5-L0-	MF 18x1.5	1,5	110	17	66	14	11	14	4	☹	☹

Ordering example for the grade WY80AA: TC115-M10X1-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E machine taps

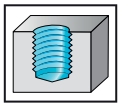
TC130 Supreme mm

– WY80AA: Good Performance
– WY80EH: Excellent Performance

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

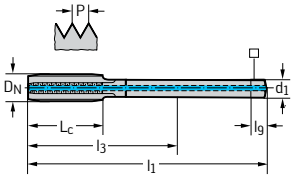
MF
DIN 13

6HX



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

DIN 374



Parallel shank

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

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

C1

WALTER SELECT

●● Primary application ● Other application

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

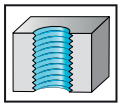
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E PM machine taps

mm

Prototex® Eco Plus

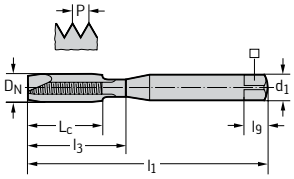
– For long-chipping materials

UNC ASME B1.1	2B	

≤ 3,5×D_N | B=3,5-5 | 42HRC 1350 –500 N/mm²

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

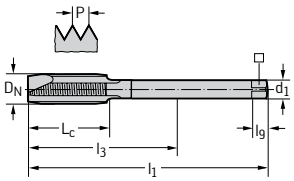
DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2221302-UNC2	UNC #2-56	2,184	45	7	12	2,8	2,1	5	3
EP2221302-UNC4	UNC #4-40	2,845	56	9	18	3,5	2,7	6	3
EP2221302-UNC6	UNC #6-32	3,505	56	11	20	4	3	6	3
EP2221302-UNC8	UNC #8-32	4,166	63	12	21	4,5	3,4	6	3
EP2221302-UNC10	UNC #10-24	4,826	70	13	25	6	4,9	8	3
EP2221302-UNC1/4	UNC 1/4-20	6,35	80	15	30	7	5,5	8	3

DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2226302-UNC5/16	UNC 5/16-18	7,938	90	18	67	6	4,9	8	3
EP2226302-UNC3/8	UNC 3/8-16	9,525	100	20	77	7	5,5	8	3
EP2226302-UNC1/2	UNC 1/2-13	12,7	110	23	83	9	7	10	4
EP2226302-UNC5/8	UNC 5/8-11	15,875	110	25	68	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

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

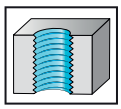
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E machine taps

TC216 Perform inch

– Universal taps

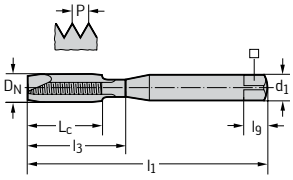
DIN ANSI | UNC ASME B1.1 | 2B



≤ 3×D_N | B=3,5-5 | 32HRC 1000 –350 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●●			

DIN/ANSI

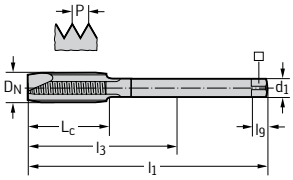


Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80AA
TC216.UNC6-C0-	UNC #6-32	0,138	2,205	0,433	0,787	0,141	0,110	0,187	3	
TC216.UNC8-C0-	UNC #8-32	0,164	2,48	0,472	0,827	0,168	0,131	0,250	3	
TC216.UNC10-C0-	UNC #10-24	0,190	2,756	0,512	0,984	0,194	0,152	0,250	3	
TC216.UNC1/4-C0-	UNC 1/4-20	0,250	3,150	0,591	1,181	0,255	0,191	0,312	3	
TC216.UNC5/16-C0-	UNC 5/16-18	0,312	3,543	0,709	1,378	0,318	0,238	0,375	3	
TC216.UNC3/8-C0-	UNC 3/8-16	0,375	3,937	0,787	1,535	0,381	0,286	0,437	3	

Ordering example for the grade WY80AA: TC216.UNC1/4-C0-WY80AA

C1

DIN/ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80AA
TC216.UNC1/2-L0-	UNC 1/2-13	0,500	4,331	0,906	3,224	0,367	0,275	0,437	4	
TC216.UNC5/8-L0-	UNC 5/8-11	0,625	4,331	0,984	2,587	0,480	0,360	0,562	4	
TC216.UNC3/4-L0-	UNC 3/4-10	0,750	4,921	1,181	3,051	0,590	0,442	0,687	4	

Ordering example for the grade WY80AA: TC216.UNC1/2-L0-WY80AA

WALTER SELECT

●● Primary application ● Other application

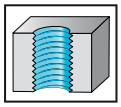
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

HSS-E machine taps

TC216 Perform mm

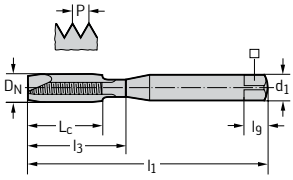
– For long-chipping materials

UNC ASME B1.1	2B	

≤ 3×D_N | B=3,5-5 | 32HRC, 1000 –350 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●●			

DIN 371

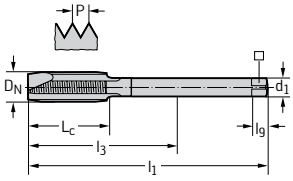


Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC216-UNC6-C0-	UNC #6-32	3,505	56	11	20	4	3	6	3	●●
TC216-UNC8-C0-	UNC #8-32	4,166	63	12	21	4,5	3,4	6	3	●●
TC216-UNC10-C0-	UNC #10-24	4,826	70	13	25	6	4,9	8	3	●●
TC216-UNC1/4-C0-	UNC 1/4-20	6,35	80	15	30	7	5,5	8	3	●●
TC216-UNC5/16-C0-	UNC 5/16-18	7,938	90	18	35	8	6,2	9	3	●●
TC216-UNC3/8-C0-	UNC 3/8-16	9,525	100	20	39	10	8	11	3	●●

Ordering example for the grade WY80AA: TC216-UNC1/4-C0-WY80AA

DIN 376



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC216-UNC1/2-L0-	UNC 1/2-13	12,7	110	23	83	9	7	10	4	●●
TC216-UNC5/8-L0-	UNC 5/8-11	15,875	110	25	68	12	9	12	4	●●
TC216-UNC3/4-L0-	UNC 3/4-10	19,05	125	30	81	14	11	14	4	●●

Ordering example for the grade WY80AA: TC216-UNC1/2-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

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

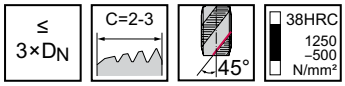
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E PM machine taps

mm

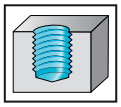
Paradur® Eco Plus

– For long-chipping materials



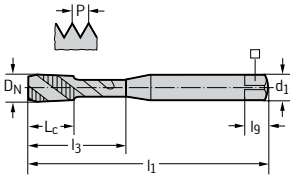
UNC
ASME B1.1

2B



	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

~DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2251302-UNC2	UNC #2-56	2,184	45	4	8,4	2,8	2,1	5	3
EP2251302-UNC4	UNC #4-40	2,845	56	6	11	3,5	2,7	6	3
EP2251302-UNC6	UNC #6-32	3,505	56	6,5	13,7	4	3	6	3
EP2251302-UNC8	UNC #8-32	4,166	63	7	17,8	4,5	3,4	6	3
EP2251302-UNC10	UNC #10-24	4,826	70	8	20,7	6	4,9	8	3
EP2251302-UNC1/4	UNC 1/4-20	6,35	80	10	27,3	7	5,5	8	3

UNC 2: Without thread taper

C1

WALTER SELECT

●● Primary application ● Other application

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

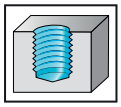
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E PM machine taps

mm

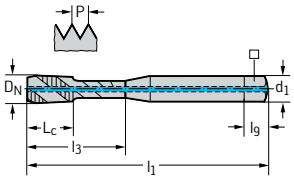
Paradur® Eco Plus

– For long-chipping materials

UNC ASME B1.1	2B	

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

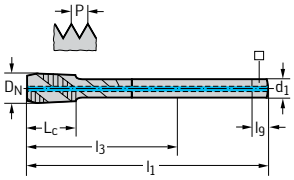
~DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2251312-UNC1/4	UNC 1/4-20	6,35	80	10	27,3	7	5,5	8	3

DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2256312-UNC5/16	UNC 5/16-18	7,938	90	12	67	6	4,9	8	3
EP2256312-UNC3/8	UNC 3/8-16	9,525	100	15	77	7	5,5	8	3
EP2256312-UNC1/2	UNC 1/2-13	12,7	110	18	83	9	7	10	4
EP2256312-UNC5/8	UNC 5/8-11	15,875	110	20	68	12	9	12	4
EP2256312-UNC3/4	UNC 3/4-10	19,05	125	25	81	14	11	14	4

C1

WALTER SELECT

●● Primary application ● Other application

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

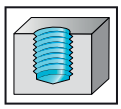
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E machine taps

TC115 Perform inch

– Universal taps

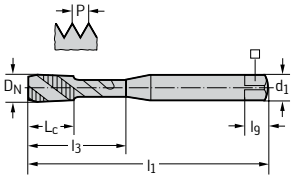
DIN ANSI | UNC ASME B1.1 | 2B



≤ 3×D_N | C=2-3 | 45° | 32HRC 1000 –350 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			

DIN/ANSI

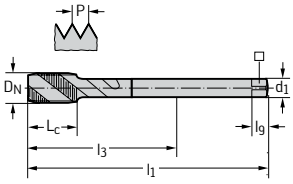


Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80AA
TC115.UNC6-C0-	UNC #6-32	0,138	2,205	0,256	0,787	0,141	0,110	0,187	3	
TC115.UNC8-C0-	UNC #8-32	0,164	2,48	0,276	0,827	0,168	0,131	0,250	3	
TC115.UNC10-C0-	UNC #10-24	0,190	2,756	0,315	0,984	0,194	0,152	0,250	3	
TC115.UNC1/4-C0-	UNC 1/4-20	0,250	3,150	0,394	1,181	0,255	0,191	0,312	3	
TC115.UNC5/16-C0-	UNC 5/16-18	0,312	3,543	0,472	1,378	0,318	0,238	0,375	3	
TC115.UNC3/8-C0-	UNC 3/8-16	0,375	3,937	0,591	1,535	0,381	0,286	0,437	3	

Ordering example for the grade WY80AA: TC115.UNC1/4-C0-WY80AA

C1

DIN/ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80AA
TC115.UNC1/2-L0-	UNC 1/2-13	0,500	4,331	0,709	3,224	0,367	0,275	0,437	3	
TC115.UNC5/8-L0-	UNC 5/8-11	0,625	4,331	0,787	2,587	0,480	0,360	0,562	3	
TC115.UNC3/4-L0-	UNC 3/4-10	0,750	4,921	0,984	3,051	0,590	0,442	0,687	4	

Ordering example for the grade WY80AA: TC115.UNC1/2-L0-WY80AA

WALTER SELECT

●● Primary application ● Other application

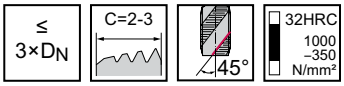
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

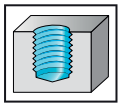
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E machine taps

TC115 Perform mm

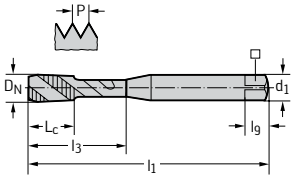
– For long-chipping materials



UNC ASME B1.1	2B	

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			

DIN 371

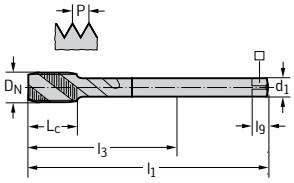


Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC115-UNC6-C0-	UNC #6-32	3,505	56	6,5	20	4	3	6	3	☹
TC115-UNC8-C0-	UNC #8-32	4,166	63	7	21	4,5	3,4	6	3	☹
TC115-UNC10-C0-	UNC #10-24	4,826	70	8	25	6	4,9	8	3	☹
TC115-UNC1/4-C0-	UNC 1/4-20	6,35	80	10	30	7	5,5	8	3	☹
TC115-UNC5/16-C0-	UNC 5/16-18	7,938	90	12	35	8	6,2	9	3	☹
TC115-UNC3/8-C0-	UNC 3/8-16	9,525	100	15	39	10	8	11	3	☹

Ordering example for the grade WY80AA: TC115-UNC1/4-C0-WY80AA

DIN 376



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC115-UNC1/2-L0-	UNC 1/2-13	12,7	110	18	83	9	7	10	3	☹
TC115-UNC5/8-L0-	UNC 5/8-11	15,875	110	20	68	12	9	12	3	☹
TC115-UNC3/4-L0-	UNC 3/4-10	19,05	125	25	81	14	11	14	4	☹

Ordering example for the grade WY80AA: TC115-UNC1/2-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

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

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

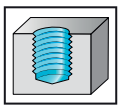
HSS-E machine taps

TC130 Supreme mm

– WY80AA: Good Performance

UNC
ASME B1.1

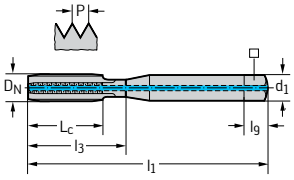
2BX



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

	P	M	K	N	S	H	O
WY80AA	●●		●●	●			●

DIN 2184-1



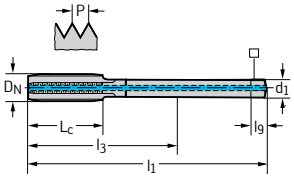
Parallel shank

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

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

C1

DIN 2184-1



Parallel shank

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

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

WALTER SELECT

●● Primary application ● Other application

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

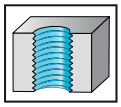
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E PM machine taps

mm

Prototex® Eco Plus

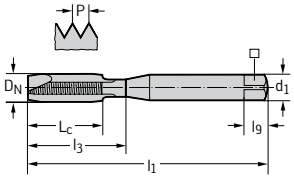
– For long-chipping materials

UNF ASME B1.1	2B	

≤ 3,5×D_N | B=3,5-5 | 42HRC 1350 –500 N/mm²

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

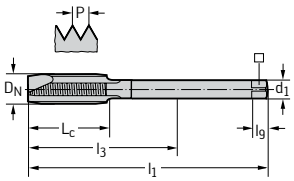
DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2321302-UNF4	UNF #4-48	2,845	56	9	18	3,5	2,7	6	3
EP2321302-UNF6	UNF #6-40	3,505	56	11	20	4	3	6	3
EP2321302-UNF8	UNF #8-36	4,166	63	12	21	4,5	3,4	6	3
EP2321302-UNF10	UNF #10-32	4,826	70	13	25	6	4,9	8	3
EP2321302-UNF1/4	UNF 1/4-28	6,35	80	15	30	7	5,5	8	3

DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2326302-UNF5/16	UNF 5/16-24	7,938	90	18	67	6	4,9	8	3
EP2326302-UNF3/8	UNF 3/8-24	9,525	100	20	77	7	5,5	8	3
EP2326302-UNF1/2	UNF 1/2-20	12,7	100	21	73	9	7	10	4
EP2326302-UNF5/8	UNF 5/8-18	15,875	100	21	58	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

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

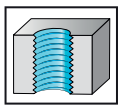
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E machine taps

TC216 Perform inch

– Universal taps

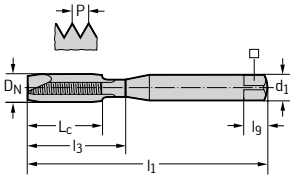
DIN ANSI | UNF ASME B1.1 | 2B



≤ 3×D_N | B=3,5-5 | 32HRC 1000 –350 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●●			

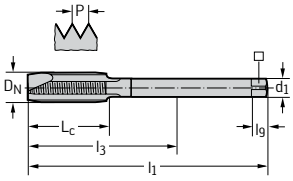
DIN/ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80AA
TC216.UNF10-C0-	UNF #10-32	0,190	2,756	0,512	0,984	0,194	0,152	0,250	3	☹
TC216.UNF1/4-C0-	UNF 1/4-28	0,250	3,150	0,591	1,181	0,255	0,191	0,313	3	☹
TC216.UNF5/16-C0-	UNF 5/16-24	0,312	3,543	0,709	1,378	0,318	0,238	0,380	3	☹
TC216.UNF3/8-C0-	UNF 3/8-24	0,375	3,937	0,787	1,535	0,381	0,286	0,437	3	☹

Ordering example for the grade WY80AA: TC216.UNF1/4-C0-WY80AA

DIN/ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80AA
TC216.UNF7/16-L0-	UNF 7/16-20	0,437	3,937	0,787	2,862	0,323	0,242	0,406	3	☹
TC216.UNF1/2-L0-	UNF 1/2-20	0,500	3,937	0,827	2,831	0,367	0,275	0,437	4	☹
TC216.UNF9/16-L0-	UNF 9/16-18	0,562	3,937	0,827	2,768	0,429	0,322	0,500	4	☹
TC216.UNF5/8-L0-	UNF 5/8-18	0,625	3,937	0,827	2,193	0,480	0,360	0,563	4	☹
TC216.UNF3/4-L0-	UNF 3/4-16	0,750	4,331	0,945	2,461	0,590	0,442	0,689	4	☹

Ordering example for the grade WY80AA: TC216.UNF1/2-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

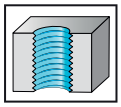
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

HSS-E machine taps

TC216 Perform mm

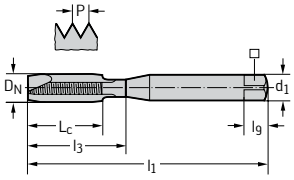
– For long-chipping materials

UNF ASME B1.1	2B	

≤ 3×D_N | B=3,5-5 | 32HRC, 1000 –350 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●●			

DIN 371

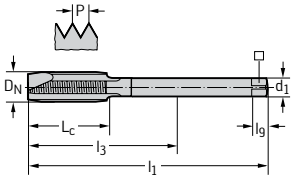


Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC216-UNF6-C0-	UNF #6-40	3,505	56	11	20	4	3	6	3	●●
TC216-UNF10-C0-	UNF #10-32	4,826	70	13	25	6	4,9	8	3	●●
TC216-UNF1/4-C0-	UNF 1/4-28	6,35	80	15	30	7	5,5	8	3	●●
TC216-UNF5/16-C0-	UNF 5/16-24	7,938	90	18	35	8	6,2	9	3	●●
TC216-UNF3/8-C0-	UNF 3/8-24	9,525	100	20	39	10	8	11	3	●●

Ordering example for the grade WY80AA: TC216-UNF1/4-C0-WY80AA

DIN 376



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC216-UNF7/16-L0-	UNF 7/16-20	11,113	100	20	76	8	6,2	9	3	●●
TC216-UNF1/2-L0-	UNF 1/2-20	12,7	100	21	73	9	7	10	4	●●

Ordering example for the grade WY80AA: TC216-UNF1/2-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E PM machine taps

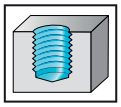
mm

Paradur® Eco Plus

– For long-chipping materials

UNF
ASME B1.1

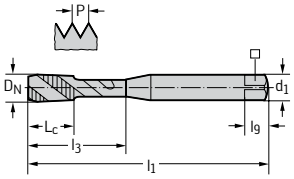
2B



≤ 3×D_N | C=2-3 | 45° | 38HRC, 1250 –500 N/mm²

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

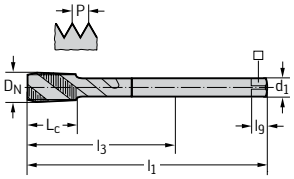
~DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2351302-UNF4	UNF #4-48	2,845	56	6	11	3,5	2,7	6	3
EP2351302-UNF6	UNF #6-40	3,505	56	6,5	13,1	4	3	6	3
EP2351302-UNF8	UNF #8-36	4,166	63	7	17,4	4,5	3,4	6	3
EP2351302-UNF10	UNF #10-32	4,826	70	8	20,7	6	4,9	8	3
EP2351302-UNF1/4	UNF 1/4-28	6,35	80	10	25,9	7	5,5	8	3

DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2356302-UNF5/16	UNF 5/16-24	7,938	90	12	67	6	4,9	8	3
EP2356302-UNF3/8	UNF 3/8-24	9,525	100	15	77	7	5,5	8	3
EP2356302-UNF1/2	UNF 1/2-20	12,7	100	13	73	9	7	10	4
EP2356302-UNF5/8	UNF 5/8-18	15,875	100	15	58	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E PM machine taps

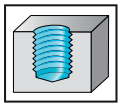
mm

Paradur® Eco Plus

– For long-chipping materials

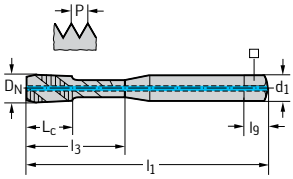
UNF
ASME B1.1

2B



	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

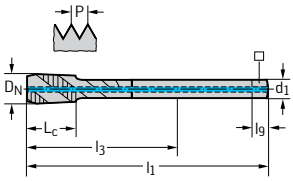
~DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2351312-UNF1/4	UNF 1/4-28	6,35	80	10	25,9	7	5,5	8	3

DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2356312-UNF5/16	UNF 5/16-24	7,938	90	12	67	6	4,9	8	3
EP2356312-UNF3/8	UNF 3/8-24	9,525	100	15	77	7	5,5	8	3
EP2356312-UNF1/2	UNF 1/2-20	12,7	100	13	73	9	7	10	4
EP2356312-UNF5/8	UNF 5/8-18	15,875	100	15	58	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

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

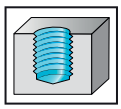
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E machine taps

TC115 Perform inch

– Universal taps

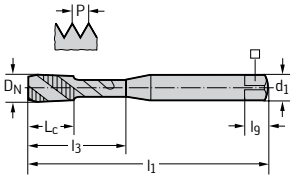
DIN ANSI | UNF ASME B1.1 | 2B



≤ 3×D_N | C=2-3 | 45° | 32HRC 1000 –350 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			

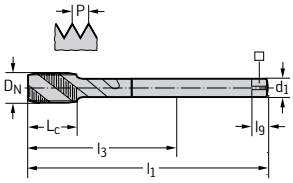
DIN/ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80AA
TC115.UNF10-C0-	UNF #10-32	0,190	2,756	0,315	0,984	0,194	0,152	0,250	3	⊗
TC115.UNF1/4-C0-	UNF 1/4-28	0,250	3,150	0,394	1,181	0,255	0,191	0,313	3	⊗
TC115.UNF5/16-C0-	UNF 5/16-24	0,312	3,543	0,472	1,378	0,318	0,238	0,380	3	⊗
TC115.UNF3/8-C0-	UNF 3/8-24	0,375	3,937	0,472	1,535	0,381	0,286	0,437	3	⊗

Ordering example for the grade WY80AA: TC115.UNF1/4-C0-WY80AA

DIN/ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80AA
TC115.UNF7/16-L0-	UNF 7/16-20	0,437	3,937	0,591	2,862	0,323	0,242	0,406	3	⊗
TC115.UNF1/2-L0-	UNF 1/2-20	0,500	3,937	0,512	2,831	0,367	0,275	0,437	4	⊗
TC115.UNF9/16-L0-	UNF 9/16-18	0,562	3,937	0,591	2,768	0,429	0,322	0,500	4	⊗
TC115.UNF5/8-L0-	UNF 5/8-18	0,625	3,937	0,591	2,193	0,480	0,360	0,563	4	⊗
TC115.UNF3/4-L0-	UNF 3/4-16	0,750	4,331	0,669	2,461	0,590	0,442	0,689	4	⊗

Ordering example for the grade WY80AA: TC115.UNF1/2-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

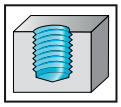
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

HSS-E machine taps

TC115 Perform mm

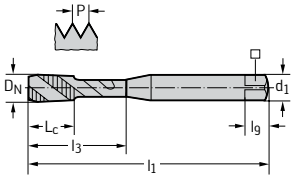
– For long-chipping materials

UNF ASME B1.1	2B	

≤ 3×D_N	C=2-3	 45°	32HRC 1000 –350 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			

DIN 371

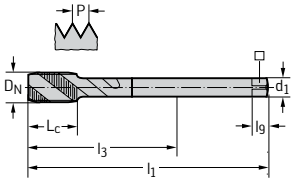


Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC115-UNF6-C0-	UNF #6-40	3,505	56	6,5	20	4	3	6	3	☹
TC115-UNF10-C0-	UNF #10-32	4,826	70	8	25	6	4,9	8	3	☹
TC115-UNF1/4-C0-	UNF 1/4-28	6,35	80	10	30	7	5,5	8	3	☹
TC115-UNF5/16-C0-	UNF 5/16-24	7,938	90	12	35	8	6,2	9	3	☹
TC115-UNF3/8-C0-	UNF 3/8-24	9,525	100	15	39	10	8	11	3	☹

Ordering example for the grade WY80AA: TC115-UNF1/4-C0-WY80AA

DIN 376



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC115-UNF7/16-L0-	UNF 7/16-20	11,113	100	15	76	8	6,2	9	3	☹
TC115-UNF1/2-L0-	UNF 1/2-20	12,7	100	13	73	9	7	10	4	☹

Ordering example for the grade WY80AA: TC115-UNF1/2-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

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

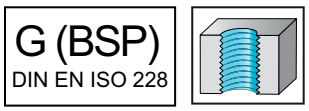
☺ 😐 ☹ / ★ = New addition to the product range

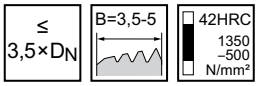
HSS-E PM machine taps

mm

Prototex® Eco Plus

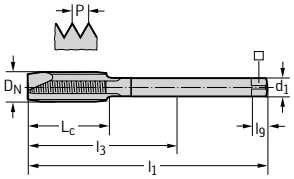
– For long-chipping materials





	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

DIN 5156



Parallel shank

Designation THL	D_N-P	D_N mm	Threads per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2426302-G1/8	G 1/8-28	9,728	28	90	20	67	7	5,5	8	3
EP2426302-G1/4	G 1/4-19	13,157	19	100	21	71	11	9	12	4
EP2426302-G3/8	G 3/8-19	16,662	19	100	21	58	12	9	12	4
EP2426302-G1/2	G 1/2-14	20,955	14	125	24	80	16	12	15	4
EP2426302-G5/8	G 5/8-14	22,911	14	125	24	78	18	14,5	17	4
EP2426302-G3/4	G 3/4-14	26,441	14	140	26	77	20	16	19	5
EP2426302-G1	G 1"-11	33,249	11	160	28	93	25	20	23	5

C1

WALTER SELECT

●● Primary application ● Other application

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

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

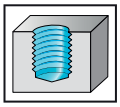
HSS-E PM machine taps

mm

Paradur® Eco Plus

– For long-chipping materials

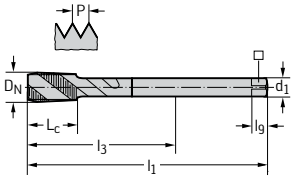
G (BSP)
DIN EN ISO 228



≤ 3×D_N | C=2-3 | 45° | 38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

DIN 5156



Parallel shank

Designation THL	D_N-P	D_N mm	Threads per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2456302-G1/8	G 1/8-28	9,728	28	90	12	67	7	5,5	8	3
EP2456302-G1/4	G 1/4-19	13,157	19	100	15	71	11	9	12	4
EP2456302-G3/8	G 3/8-19	16,662	19	100	15	58	12	9	12	4
EP2456302-G1/2	G 1/2-14	20,955	14	125	18	80	16	12	15	4
EP2456302-G5/8	G 5/8-14	22,911	14	125	18	78	18	14,5	17	4
EP2456302-G3/4	G 3/4-14	26,441	14	140	20	77	20	16	19	5
EP2456302-G1	G 1"-11	33,249	11	160	22	93	25	20	23	5

C1

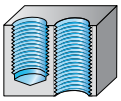
WALTER SELECT

●● Primary application ● Other application

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

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

Solid carbide taps

Machining		
Thread depth	2 x D_N	2 x D_N
Designation	TC388 Supreme	TC389 Supreme
Thread type		
M	✔	✔
MF		
UNC / UNF / UN-8		
G / Rc / Rp	✔	
MJ / UNJC / UNJF		
NPT / NPTF		
Pg / BSW / Tr		
Indexable inserts basic shape		
Tolerance	6HX / NORMAL	6HX
Coolant supply	External	External
Chamfer form	C	D
Coating / grade	WJ30TU	WE10TU
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	**309**	**310**
QR code		
www.walter-tools.com/woc/	TC388	TC389

WALTER SELECT ●● Primary application ● Other application

Solid carbide machine taps

TC388 Supreme mm

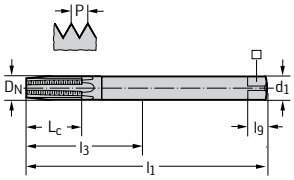
– Taps for hardened materials
– Drill core hole at upper tolerance end

M DIN 13	6HX		

≤ 2×D_N	C=2-3	63HRC 50HRC

	P	M	K	N	S	H	O
WJ30TU					●	●●	

~DIN 371



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N	WJ30TU
TC388-M3-C0-	M 3	0,5	56	8	35	3,5	2,7	6	4	☺
TC388-M4-C0-	M 4	0,7	63	11	42	4,5	3,4	6	5	☺
TC388-M5-C0-	M 5	0,8	70	13,5	47	6	4,9	8	5	☺
TC388-M6-C0-	M 6	1	80	16,5	57	6	4,9	8	5	☺
TC388-M8-C0-	M 8	1,25	90	21,5	66	8	6,2	9	5	☺
TC388-M10-C0-	M 10	1,5	100	27	72	10	8	11	5	☺
TC388-M12-C0-	M 12	1,75	110	32	68	12	9	12	6	☺
TC388-M16-C0-	M 16	2	110	41	65	16	12	15	6	☺

Without reduced neck after the thread
Ordering example for the grade WJ30TU: TC388-M10-C0-WJ30TU

C1

WALTER SELECT

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

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

Solid carbide machine taps

TC389 Supreme mm

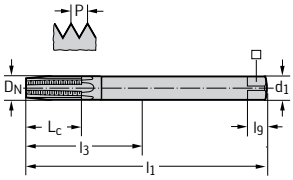
– Taps for hardened materials
– Drill core hole at upper tolerance end

M DIN 13	6HX		

≤ 2×D_N	D=3,5-5	65HRC 55HRC

	P	M	K	N	S	H	O
WE10TU					●	●●	

~DIN 371



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N	WE10TU
TC389-M3-CD-	M 3	0,5	56	9	35	3,5	2,7	6	4	☻
TC389-M4-CD-	M 4	0,7	63	12	42	4,5	3,4	6	5	☻
TC389-M5-CD-	M 5	0,8	70	14,5	47	6	4,9	8	5	☻
TC389-M6-CD-	M 6	1	80	18	57	6	4,9	8	5	☻
TC389-M8-CD-	M 8	1,25	90	23,5	66	8	6,2	9	5	☻
TC389-M10-CD-	M 10	1,5	100	29	72	10	8	11	5	☻
TC389-M12-CD-	M 12	1,75	110	34,5	68	12	9	12	6	☻
TC389-M16-CD-	M 16	2	110	44	65	16	12	15	6	☻

Without reduced neck after the thread
Ordering example for the grade WE10TU: TC389-M10-CD-WE10TU

C1

WALTER SELECT

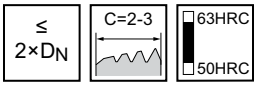
●● Primary application ● Other application
Best tool for ➔ Good = ☻ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

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

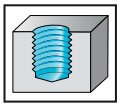
Solid carbide machine taps

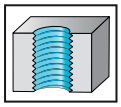
TC388 Supreme mm

– Taps for hardened materials
– Drill core hole at upper tolerance end



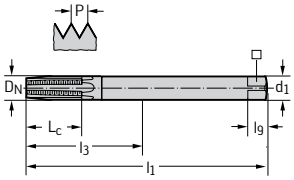
G (BSP)
DIN EN ISO 228





	P	M	K	N	S	H	O
WJ30TU					●	●●	

~DIN 371



Parallel shank

Designation	D_N-P	D_N mm	Threads per inch	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N	WJ30TU
TC388-G1/8-C0-	G 1/8-28	9,728	28	90	23,5	62	10	8	11	5	☺
TC388-G1/4-C0-	G 1/4-19	13,157	19	100	32,5	56	14	11	14	6	☺

Without reduced neck after the thread
Ordering example for the grade WJ30TU: TC388-G1/4-C0-WJ30TU

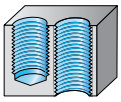
C1

WALTER SELECT

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

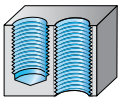
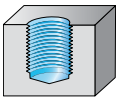
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E and solid carbide thread formers

Machining					
Thread depth	3 x D_N	3 x D_N	3 x D_N	3,5 x D_N	3,5 x D_N
Designation	TC410 Advance	TC420 Supreme	TC430 Supreme	TC410 Advance	TC420 Supreme
Thread type					
M	✔	✔	✔	✔	✔
MF				✔	✔
UNC / UNF / UN-8				✔	✔
G / Rc / Rp				✔	
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	6GX / 6HX / 7GX	6GX / 6HX	6HX	2BX / 6GX / 6HX / 7GX / NORMAL	2BX / 6GX / 6HX
Coolant supply	External	External	External	External	External / radial
Chamfer form	C / D	C	C	C	C
Coating / grade	WY80AD	WW60AD / WW60BA	WW60EL	WY80AD	WW60AD / WW60BA
Cutting tool material	HSS-E	HSS-E-PM	HSS-E-PM	HSS-E	HSS-E-PM
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●	●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals	●●	●●	●	●●	●●
S Materials with difficult cutting properties	●	●		●	●
H Hard materials					
O Other					
Page in catalogue	315	324	335	320	329
QR code					
www.walter-tools.com/woc/	TC410	TC420	TC430	TC410	TC420

WALTER SELECT ●● Primary application ● Other application

HSS-E and solid carbide thread formers

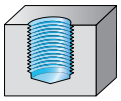
Machining					
					
Thread depth	3,5 x D_N	3,5 x D_N	3,5 x D_N	3,5 x D_N	3,5 x D_N
Designation	TC430 Supreme	TC440 Supreme	TC410 Advance	TC420 Supreme	TC430 Supreme
Thread type					
M	✔	✔		✔	✔
MF	✔	✔	✔	✔	✔
UNC / UNF / UN-8					
G / Rc / Rp					
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	6GX / 6HX	6HX	6GX	6GX / 6HX	6HX
Coolant supply	External / radial	External / radial	External	External / axial	axial
Chamfer form	C	C	E	C / E	C
Coating / grade	WW60AD / WW60EL	WY80AD	WY80AD	WW60AD / WW60BA	WW60AD / WW60EL
Cutting tool material	HSS-E-PM	HSS-E	HSS-E	HSS-E-PM	HSS-E-PM
P Steel	●●	●	●●	●●	●●
M Stainless steel	●	●●	●	●●	●
K Cast iron	●		●	●	●
N NF metals	●	●	●●	●●	●
S Materials with difficult cutting properties		●	●	●	
H Hard materials					
O Other					
Page in catalogue	**336**	**340**	**344**	**325**	**337**
QR code					
www.walter-tools.com/woc/	TC430	TC440	TC410	TC420	TC430

WALTER SELECT

●● Primary application ● Other application

C2

HSS-E and solid carbide thread formers

Machining	
Thread depth	3,5 x D_N

Designation	TC440 Supreme
Thread type	
M	✔
MF	
UNC / UNF / UN-8	
G / Rc / Rp	
MJ / UNJC / UNJF	
NPT / NPTF	
Pg / BSW / Tr	
Indexable inserts basic shape	
Tolerance	6HX
Coolant supply	axial
Chamfer form	C
Coating / grade	WY80AD
Cutting tool material	HSS-E
P Steel	●
M Stainless steel	●●
K Cast iron	
N NF metals	●
S Materials with difficult cutting properties	●
H Hard materials	
O Other	
Page in catalogue	**341**
QR code	
www.walter-tools.com/woc/	TC440

C2

WALTER SELECT ●● Primary application ● Other application

HSS-E machine thread formers

TC410 Advance mm

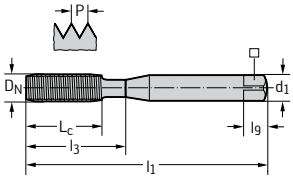
– For long-chipping materials

M DIN 13	6HX		

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

	P	M	K	N	S	H	O
WY80AD	●●	●	●	●●	●		

DIN 2174

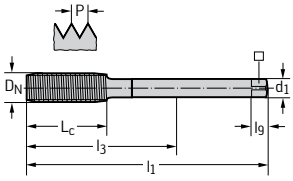


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M1-C0-	M 1	0,25	40	5	5	2,5	2,1	5	3	●●
TC410-M1.1-C0-	M 1.1	0,25	40	5	5	2,5	2,1	5	3	●●
TC410-M1.2-C0-	M 1.2	0,25	40	5	5	2,5	2,1	5	3	●●
TC410-M1.4-C0-	M 1.4	0,3	40	7	7	2,5	2,1	5	3	●●
TC410-M1.6-C0-	M 1.6	0,35	40	7	7	2,5	2,1	5	3	●●
TC410-M1.7-C0-	M 1.7	0,35	40	7	7	2,5	2,1	5	3	●●
TC410-M1.8-C0-	M 1.8	0,35	40	7	7	2,5	2,1	5	3	●●
TC410-M2-C0-	M 2	0,4	45	6	11	2,8	2,1	5	3	●●
TC410-M2.2-C0-	M 2.2	0,45	45	7	12	2,8	2,1	5	3	●●
TC410-M2.3-C0-	M 2.3	0,4	45	7	12	2,8	2,1	5	3	●●
TC410-M2.5-C0-	M 2.5	0,45	50	8	13	2,8	2,1	5	3	●●
TC410-M2.6-C0-	M 2.6	0,45	50	8	14	2,8	2,1	5	3	●●
TC410-M3-C0-	M 3	0,5	56	9	18	3,5	2,7	6	4	●●
TC410-M3.5-C0-	M 3.5	0,6	56	11	20	4	3	6	4	●●
TC410-M4-C0-	M 4	0,7	63	12	21	4,5	3,4	6	5	●●
TC410-M5-C0-	M 5	0,8	70	13	25	6	4,9	8	5	●●
TC410-M6-C0-	M 6	1	80	15	30	6	4,9	8	5	●●
TC410-M7-C0-	M 7	1	80	15	30	7	5,5	8	5	●●
TC410-M8-C0-	M 8	1,25	90	18	35	8	6,2	9	5	●●
TC410-M10-C0-	M 10	1,5	100	20	39	10	8	11	6	●●

Ordering example for the grade WY80AD: TC410-M1-C0-WY80AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M12-L0-	M 12	1,75	110	23	83	9	7	10	6	●●
TC410-M14-L0-	M 14	2	110	25	81	11	9	12	6	●●
TC410-M16-L0-	M 16	2	110	25	68	12	9	12	6	●●
TC410-M18-L0-	M 18	2,5	125	30	81	14	11	14	7	●●
TC410-M20-L0-	M 20	2,5	140	30	95	16	12	15	7	●●
TC410-M24-L0-	M 24	3	160	36	113	18	14,5	17	8	●●

Ordering example for the grade WY80AD: TC410-M12-L0-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

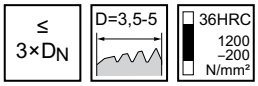
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

HSS-E machine thread formers

TC410 Advance mm

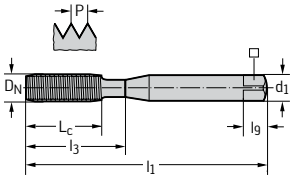
– For long-chipping materials

M	6HX		
DIN 13			



	P	M	K	N	S	H	O
WY80AD	●●	●	●	●●	●		

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M2-CD-	M 2	0,4	45	6	11	2,8	2,1	5	3	☹
TC410-M3-CD-	M 3	0,5	56	9	18	3,5	2,7	6	4	☹
TC410-M4-CD-	M 4	0,7	63	12	21	4,5	3,4	6	5	☹
TC410-M5-CD-	M 5	0,8	70	13	25	6	4,9	8	5	☹
TC410-M6-CD-	M 6	1	80	15	30	6	4,9	8	5	☹
TC410-M8-CD-	M 8	1,25	90	18	35	8	6,2	9	5	☹

Ordering example for the grade WY80AD: TC410-M2-CD-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E machine thread formers

TC410 Advance mm

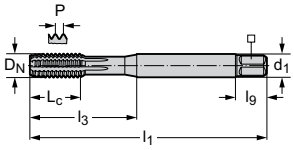
– For long-chipping materials

M DIN 13	6HX		

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

	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

DIN 2174

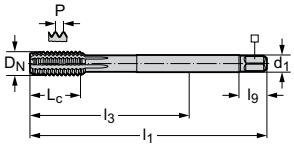


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M3-CL-	M 3	0,5	56	9	18	3,5	2,7	6	4	☹
TC410-M4-CL-	M 4	0,7	63	12	21	4,5	3,4	6	5	☹
TC410-M5-CL-	M 5	0,8	70	13	25	6	4,9	8	5	☹
TC410-M6-CL-	M 6	1	80	15	30	6	4,9	8	5	☹
TC410-M8-CL-	M 8	1,25	90	18	35	8	6,2	9	5	☹
TC410-M10-CL-	M 10	1,5	100	20	39	10	8	11	6	☹

Ordering example for the grade WY80AD: TC410-M10-CL-WY80AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M12-LL-	M 12	1,75	110	23	83	9	7	10	6	☹
TC410-M16-LL-	M 16	2	110	25	68	12	9	12	6	☹

Ordering example for the grade WY80AD: TC410-M12-LL-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E machine thread formers

TC410 Advance mm

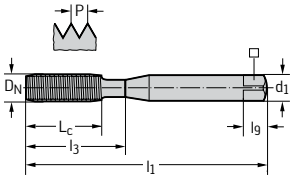
– For long-chipping materials

M DIN 13	6GX		

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

	P	M	K	N	S	H	O
WY80AD	●●	●	●	●●	●		

DIN 2174

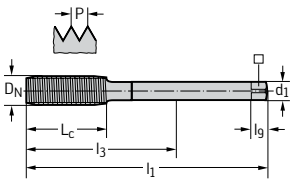


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M2-E0-	M 2	0,4	45	6	11	2,8	2,1	5	3	☹
TC410-M2.5-E0-	M 2.5	0,45	50	8	14	2,8	2,1	5	3	☹
TC410-M3-E0-	M 3	0,5	56	9	18	3,5	2,7	6	4	☹
TC410-M3.5-E0-	M 3.5	0,6	56	11	20	4	3	6	4	☹
TC410-M4-E0-	M 4	0,7	63	12	21	4,5	3,4	6	5	☹
TC410-M5-E0-	M 5	0,8	70	13	25	6	4,9	8	5	☹
TC410-M6-E0-	M 6	1	80	15	30	6	4,9	8	5	☹
TC410-M8-E0-	M 8	1,25	90	18	35	8	6,2	9	5	☹
TC410-M10-E0-	M 10	1,5	100	20	39	10	8	11	6	☹

Ordering example for the grade WY80AD: TC410-M10-E0-WY80AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M12-N0-	M 12	1,75	110	23	83	9	7	10	6	☹

Ordering example for the grade WY80AD: TC410-M12-N0-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

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

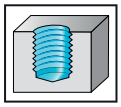
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E machine thread formers

TC410 Advance mm

– For long-chipping materials

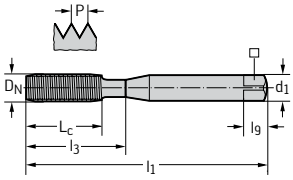
M DIN 13	7GX		



≤ 3×D_N	C=2-3	36HRC 1200 –200 N/mm²

	P	M	K	N	S	H	O
WY80AD	●●	●	●	●●	●		

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M2-F0-	M 2	0,4	45	6	11	2,8	2,1	5	3	😣
TC410-M2.5-F0-	M 2.5	0,45	50	8	14	2,8	2,1	5	3	😣
TC410-M3-F0-	M 3	0,5	56	9	18	3,5	2,7	6	4	😣
TC410-M4-F0-	M 4	0,7	63	12	21	4,5	3,4	6	5	😣
TC410-M5-F0-	M 5	0,8	70	13	25	6	4,9	8	5	😣
TC410-M6-F0-	M 6	1	80	15	30	6	4,9	8	5	😣
TC410-M8-F0-	M 8	1,25	90	18	35	8	6,2	9	5	😣
TC410-M10-F0-	M 10	1,5	100	20	39	10	8	11	6	😣

Ordering example for the grade WY80AD: TC410-M10-F0-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😀 → Average = 😐 → Poor = 😣 machining conditions

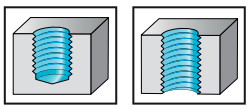
😀 😐 😣 / ★ = New addition to the product range

HSS-E machine thread formers

TC410 Advance mm

– For long-chipping materials

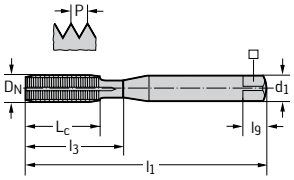
M DIN 13	6HX



≤ 3,5×D_N	C=2-3	36HRC 1200 –200 N/mm²

	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

DIN 2174

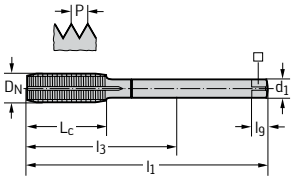


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M2-C6-	M 2	0,4	45	6	11	2,8	2,1	5	3	●●
TC410-M2.5-C6-	M 2.5	0,45	50	8	13	2,8	2,1	5	3	●●
TC410-M3-C6-	M 3	0,5	56	9	18	3,5	2,7	6	4	●●
TC410-M3.5-C6-	M 3.5	0,6	56	11	20	4	3	6	4	●●
TC410-M4-C6-	M 4	0,7	63	12	21	4,5	3,4	6	5	●●
TC410-M5-C6-	M 5	0,8	70	13	25	6	4,9	8	5	●●
TC410-M6-C6-	M 6	1	80	15	30	6	4,9	8	5	●●
TC410-M7-C6-	M 7	1	80	15	30	7	5,5	8	5	●●
TC410-M8-C6-	M 8	1,25	90	18	35	8	6,2	9	5	●●
TC410-M10-C6-	M 10	1,5	100	20	39	10	8	11	6	●●

Ordering example for the grade WY80AD: TC410-M10-C6-WY80AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M12-L6-	M 12	1,75	110	23	83	9	7	10	6	●●
TC410-M14-L6-	M 14	2	110	25	81	11	9	12	6	●●
TC410-M16-L6-	M 16	2	110	25	68	12	9	12	6	●●
TC410-M18-L6-	M 18	2,5	125	30	81	14	11	14	7	●●
TC410-M20-L6-	M 20	2,5	140	30	95	16	12	15	7	●●
TC410-M24-L6-	M 24	3	160	36	113	18	14,5	17	8	●●

Ordering example for the grade WY80AD: TC410-M12-L6-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

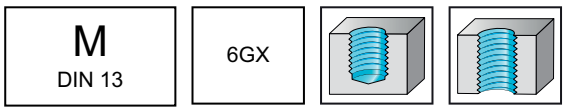
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

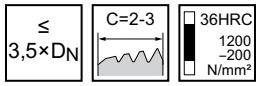
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E machine thread formers

TC410 Advance mm

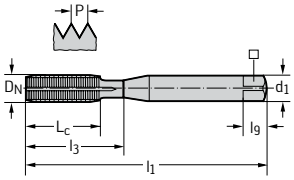
– For long-chipping materials





	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

DIN 2174

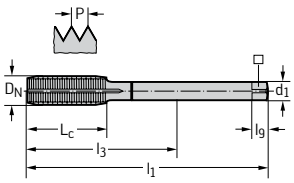


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M2-E6-	M 2	0,4	45	6	11	2,8	2,1	5	3	☹
TC410-M2.5-E6-	M 2.5	0,45	50	8	14	2,8	2,1	5	3	☹
TC410-M3-E6-	M 3	0,5	56	9	18	3,5	2,7	6	4	☹
TC410-M3.5-E6-	M 3.5	0,6	56	11	20	4	3	6	4	☹
TC410-M4-E6-	M 4	0,7	63	12	21	4,5	3,4	6	5	☹
TC410-M5-E6-	M 5	0,8	70	13	25	6	4,9	8	5	☹
TC410-M6-E6-	M 6	1	80	15	30	6	4,9	8	5	☹
TC410-M8-E6-	M 8	1,25	90	18	35	8	6,2	9	5	☹
TC410-M10-E6-	M 10	1,5	100	20	39	10	8	11	6	☹

Ordering example for the grade WY80AD: TC410-M10-E6-WY80AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M12-N6-	M 12	1,75	110	23	83	9	7	10	6	☹

Ordering example for the grade WY80AD: TC410-M12-N6-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E machine thread formers

TC410 Advance mm

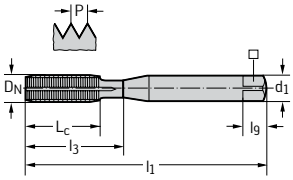
– For long-chipping materials

M DIN 13	7GX		

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

	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

DIN 2174

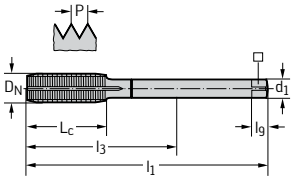


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M2-F6-	M 2	0,4	45	6	11	2,8	2,1	5	3	☹
TC410-M2.5-F6-	M 2.5	0,45	50	8	14	2,8	2,1	5	3	☹
TC410-M3-F6-	M 3	0,5	56	9	18	3,5	2,7	6	4	☹
TC410-M4-F6-	M 4	0,7	63	12	21	4,5	3,4	6	5	☹
TC410-M5-F6-	M 5	0,8	70	13	25	6	4,9	8	5	☹
TC410-M6-F6-	M 6	1	80	15	30	6	4,9	8	5	☹
TC410-M8-F6-	M 8	1,25	90	18	35	8	6,2	9	5	☹
TC410-M10-F6-	M 10	1,5	100	20	39	10	8	11	6	☹

Ordering example for the grade WY80AD: TC410-M10-F6-WY80AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M12-P6-	M 12	1,75	110	23	83	9	7	10	6	☹

Ordering example for the grade WY80AD: TC410-M12-P6-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

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

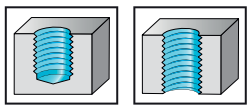
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E machine thread formers

TC410 Advance inch

– Universal thread former
– With lubrication grooves

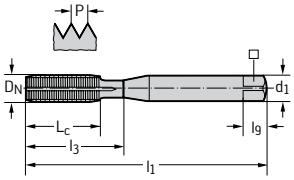
DIN ANSI | M DIN 13 | 6HX



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

	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

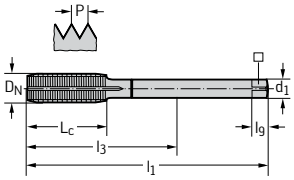
DIN/ANSI



Designation	D_N	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80AD
TC410.M3-C6-	M 3	2,205	0,354	0,709	0,141	0,110	0,19	4	
TC410.M4-C6-	M 4	2,48	0,472	0,827	0,168	0,131	0,250	5	
TC410.M5-C6-	M 5	2,756	0,512	0,984	0,194	0,152	0,250	5	
TC410.M6-C6-	M 6	3,150	0,591	1,181	0,255	0,191	0,313	5	
TC410.M8-C6-	M 8	3,543	0,709	1,378	0,318	0,238	0,380	5	
TC410.M10-C6-	M 10	3,937	0,787	1,535	0,381	0,286	0,437	6	

Ordering example for the grade WY80AD: TC410.M10-C6-WY80AD

DIN/ANSI



Designation	D_N	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80AD
TC410.M12-L6-	M 12	4,331	0,906	3,224	0,367	0,275	0,437	6	
TC410.M16-L6-	M 16	4,331	0,984	2,587	0,480	0,360	0,563	6	
TC410.M20-L6-	M 20	5,512	1,181	3,642	0,652	0,489	0,689	7	

Ordering example for the grade WY80AD: TC410.M12-L6-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

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

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

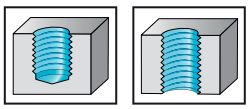
HSS-E-PM machine thread formers

TC420 Supreme mm

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

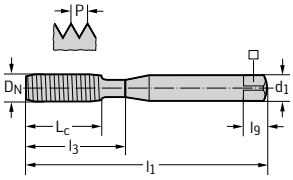
– For long-chipping materials

M DIN 13 | 6HX



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

DIN 2174

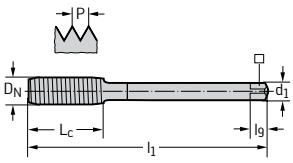


Parallel shank

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

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

DIN 2174



Parallel shank

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

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

C2

WALTER SELECT

●● Primary application ● Other application

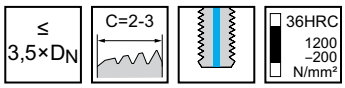
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

HSS-E-PM machine thread formers

TC420 Supreme mm

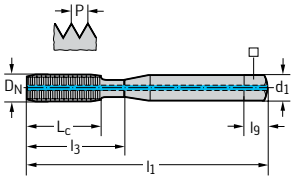
– For long-chipping materials



M	6HX	
DIN 13		

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

DIN 2174

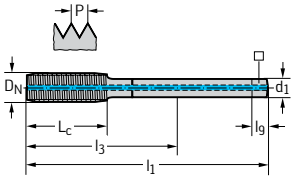


Parallel shank

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

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

DIN 2174



Parallel shank

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

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

C2

WALTER SELECT

●● Primary application ● Other application

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

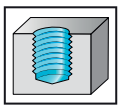
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E-PM machine thread formers

TC420 Supreme mm

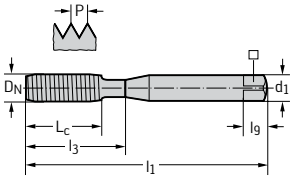
– For long-chipping materials

M	6GX
DIN 13	



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

DIN 2174

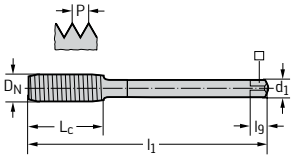


Parallel shank

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

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

DIN 2174



Parallel shank

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

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

C2

WALTER SELECT

●● Primary application ● Other application

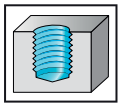
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

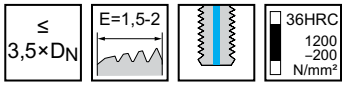
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E-PM machine thread formers

TC420 Supreme mm

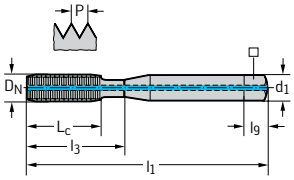
– For long-chipping materials

M DIN 13	6HX	



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

DIN 2174

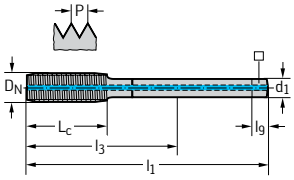


Parallel shank

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

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

DIN 2174



Parallel shank

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

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

C2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E-PM machine thread formers

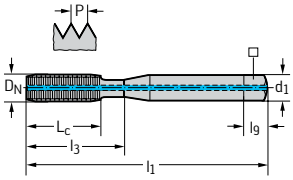
TC420 Supreme mm

– For long-chipping materials

M	6GX	
DIN 13		

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

DIN 2174

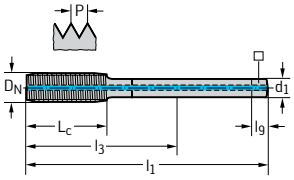


Parallel shank

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

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

DIN 2174



Parallel shank

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

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

C2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E-PM machine thread formers

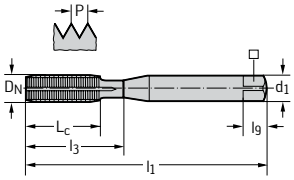
TC420 Supreme mm

– For long-chipping materials

M DIN 13	6HX		

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

DIN 2174

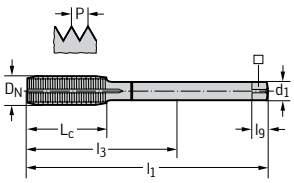


Parallel shank

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

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

DIN 2174



Parallel shank

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

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

C2

WALTER SELECT

●● Primary application ● Other application

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

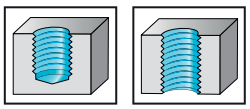
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E-PM machine thread formers

TC420 Supreme mm

– For long-chipping materials

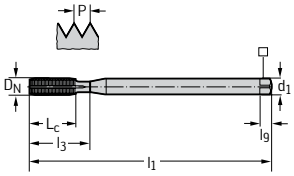
M DIN 13	6HX



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

	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		

~DIN 371 XL

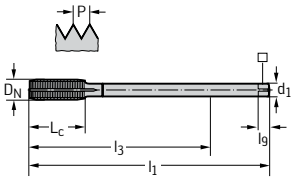


Parallel shank

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

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

~DIN 376 XL



Parallel shank

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

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

C2

WALTER SELECT

●● Primary application ● Other application

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

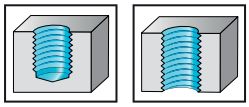
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E-PM machine thread formers

TC420 Supreme mm

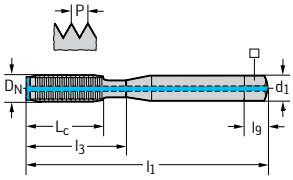
– For long-chipping materials

M DIN 13	6HX



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

DIN 2174

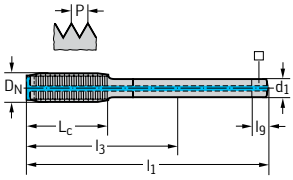


Parallel shank

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

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

DIN 2174



Parallel shank

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

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

C2

WALTER SELECT

●● Primary application ● Other application

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

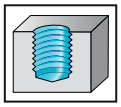
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E-PM machine thread formers

TC420 Supreme mm

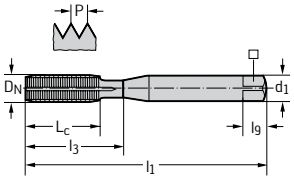
– For long-chipping materials

M DIN 13	6HX	



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

DIN 2174

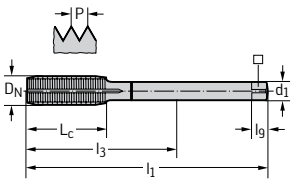


Parallel shank

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

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

DIN 2174



Parallel shank

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

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

C2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E-PM machine thread formers

TC420 Supreme mm

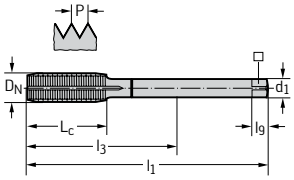
– For long-chipping materials

≤ 3,5×D_N	C=2-3	36HRC 1200 –200 N/mm²

M DIN 13	6GX		

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

DIN 2174

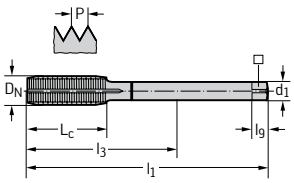


Parallel shank

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

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

DIN 2174



Parallel shank

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

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

C2

WALTER SELECT

●● Primary application ● Other application

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

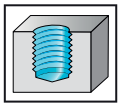
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E-PM machine thread formers

TC420 Supreme mm

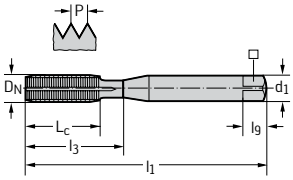
– For long-chipping materials

≤ 3,5×D_N	E=1,5-2	36HRC 1200 –200 N/mm²

M DIN 13	6GX	

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

DIN 2174

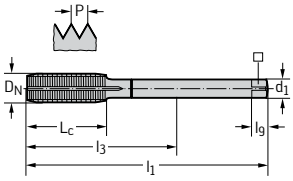


Parallel shank

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

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

DIN 2174



Parallel shank

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

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

C2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E-PM machine thread formers

TC430 Supreme mm

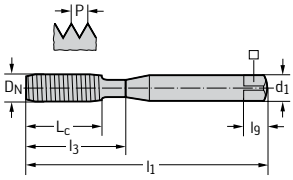
– For long-chipping materials
– ISO M only with oil

M DIN 13	6HX		

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

	P	M	K	N	S	H	O
WW60EL	●●	●	●	●			

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60EL
TC430-M3-C0-	M 3	0,5	56	6	18	3,5	2,7	6	4	☹
TC430-M4-C0-	M 4	0,7	63	7	21	4,5	3,4	6	5	☹
TC430-M5-C0-	M 5	0,8	70	8	25	6	4,9	8	5	☹
TC430-M6-C0-	M 6	1	80	10	30	6	4,9	8	5	☹
TC430-M8-C0-	M 8	1,25	90	12	35	8	6,2	9	6	☹
TC430-M10-C0-	M 10	1,5	100	15	39	10	8	11	7	☹

Ordering example for the grade WW60EL: TC430-M10-C0-WW60EL

C2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E-PM machine thread formers

TC430 Supreme mm

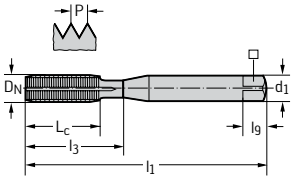
– For long-chipping materials
– ISO M only with oil

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

M DIN 13	6HX

	P	M	K	N	S	H	O
WW60AD	●●	●	●	●			
WW60EL	●●	●	●	●			

DIN 2174

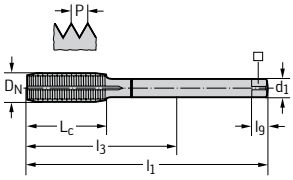


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60EL
TC430-M3-C6-	M 3	0,5	56	6	18	3,5	2,7	6	4		☹
TC430-M4-C6-	M 4	0,7	63	7	21	4,5	3,4	6	5		☹
TC430-M5-C6-	M 5	0,8	70	8	25	6	4,9	8	5		☹
TC430-M6-C6-	M 6	1	80	10	30	6	4,9	8	5		☹
TC430-M8-C6-	M 8	1,25	90	12	35	8	6,2	9	6	☹	☹
TC430-M10-C6-	M 10	1,5	100	15	39	10	8	11	7	☹	☹

Ordering example for the grade WW60AD: TC430-M10-C6-WW60AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60EL
TC430-M12-L6-	M 12	1,75	110	16	83	9	7	10	8	☹	☹
TC430-M16-L6-	M 16	2	110	20	68	12	9	12	8	☹	

Ordering example for the grade WW60AD: TC430-M12-L6-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

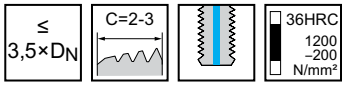
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

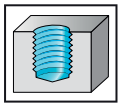
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E-PM machine thread formers

TC430 Supreme mm

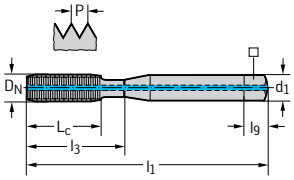
– For long-chipping materials
– ISO M only with oil



M DIN 13	6HX	

	P	M	K	N	S	H	O
WW60AD	●●	●	●	●			
WW60EL	●●	●	●	●			

DIN 2174

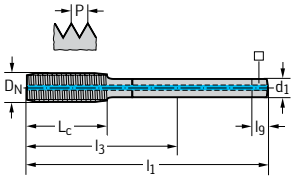


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60EL
TC430-M5-C1-	M 5	0,8	70	8	25	6	4,9	8	5		☹
TC430-M6-C1-	M 6	1	80	10	30	6	4,9	8	5		☹
TC430-M8-C1-	M 8	1,25	90	12	35	8	6,2	9	6	☹	☹
TC430-M10-C1-	M 10	1,5	100	15	39	10	8	11	7	☹	☹

Ordering example for the grade WW60AD: TC430-M10-C1-WW60AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60EL
TC430-M12-L1-	M 12	1,75	110	16	83	9	7	10	8	☹	☹
TC430-M16-L1-	M 16	2	110	20	68	12	9	12	8	☹	☹

Ordering example for the grade WW60AD: TC430-M12-L1-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E-PM machine thread formers

TC430 Supreme mm

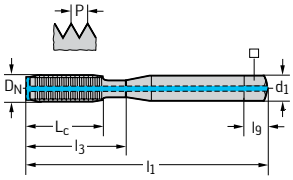
– For long-chipping materials
– ISO M only with oil

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

M DIN 13	6HX

	P	M	K	N	S	H	O
WW60AD	●●	●	●	●			
WW60EL	●●	●	●	●			

DIN 2174

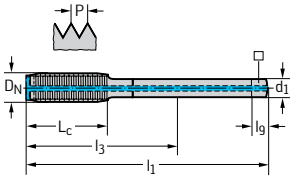


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60EL
TC430-M5-C2-	M 5	0,8	70	8	25	6	4,9	8	5		☹
TC430-M6-C2-	M 6	1	80	10	30	6	4,9	8	5		☹
TC430-M8-C2-	M 8	1,25	90	12	35	8	6,2	9	6	☹	☹
TC430-M10-C2-	M 10	1,5	100	15	39	10	8	11	7	☹	☹

Ordering example for the grade WW60AD: TC430-M10-C2-WW60AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60EL
TC430-M12-L2-	M 12	1,75	110	16	83	9	7	10	8	☹	☹
TC430-M16-L2-	M 16	2	110	20	68	12	9	12	8	☹	☹

Ordering example for the grade WW60AD: TC430-M12-L2-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

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

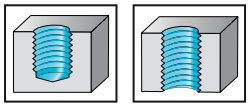
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E-PM machine thread formers

TC430 Supreme mm

– For long-chipping materials
– ISO M only with oil

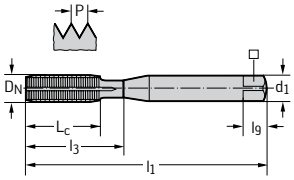
M DIN 13	6GX



≤ 3,5×D_N	C=2-3	36HRC 1200 –200 N/mm²

	P	M	K	N	S	H	O
WW60AD	●●	●	●	●			

DIN 2174

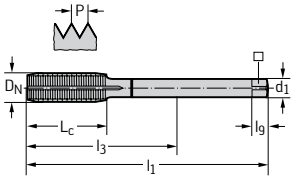


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC430-M8-E6-	M 8	1,25	90	12	35	8	6,2	9	6	
TC430-M10-E6-	M 10	1,5	100	15	39	10	8	11	7	

Ordering example for the grade WW60AD: TC430-M10-E6-WW60AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC430-M12-N6-	M 12	1,75	110	16	83	9	7	10	8	
TC430-M16-N6-	M 16	2	110	20	68	12	9	12	8	

Ordering example for the grade WW60AD: TC430-M12-N6-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

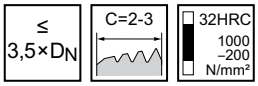
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

HSS-E machine thread formers

TC440 Supreme mm

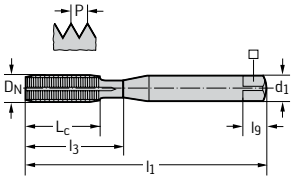
– For long-chipping materials
– For stainless steels when using emulsion



M DIN 13	6HX		

	P	M	K	N	S	H	O
WY80AD	●	●●		●	●		

DIN 2174

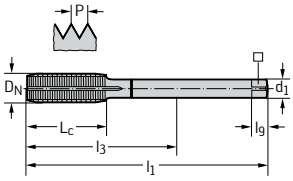


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC440-M2-C6-	M 2	0,4	45	6	6	2,8	2,1	5	3	☹
TC440-M2.5-C6-	M 2.5	0,45	50	8	8	2,8	2,1	5	3	☹
TC440-M3-C6-	M 3	0,5	56	6	18	3,5	2,7	6	3	☹
TC440-M4-C6-	M 4	0,7	63	7	21	4,5	3,4	6	3	☹
TC440-M5-C6-	M 5	0,8	70	8	25	6	4,9	8	4	☹
TC440-M6-C6-	M 6	1	80	10	30	6	4,9	8	5	☹
TC440-M8-C6-	M 8	1,25	90	12	35	8	6,2	9	5	☹
TC440-M10-C6-	M 10	1,5	100	15	39	10	8	11	5	☹

Ordering example for the grade WY80AD: TC440-M12-L6-WY80AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC440-M12-L6-	M 12	1,75	110	16	83	9	7	10	5	☹

Bestellbeispiel für die Sorte WY80AD: TC440-M12-L6-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E machine thread formers

TC440 Supreme mm

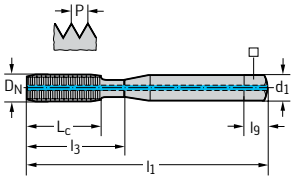
– For long-chipping materials
– For stainless steels when using emulsion

M DIN 13	6HX	

≤ 3,5×D_N	C=2-3		32HRC 1000 –200 N/mm²

	P	M	K	N	S	H	O
WY80AD	●	●●		●	●		

DIN 2174

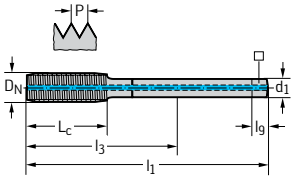


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC440-M5-C1-	M 5	0,8	70	8	25	6	4,9	8	4	☹
TC440-M6-C1-	M 6	1	80	10	30	6	4,9	8	5	☹
TC440-M8-C1-	M 8	1,25	90	12	35	8	6,2	9	5	☹
TC440-M10-C1-	M 10	1,5	100	15	39	10	8	11	5	☹

Ordering example for the grade WY80AD: TC440-M10-C1-WY80AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC440-M12-L1-	M 12	1,75	110	16	83	9	7	10	5	☹

Ordering example for the grade WY80AD: TC440-M12-L1-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

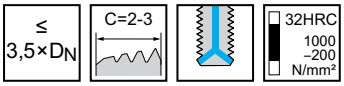
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

HSS-E machine thread formers

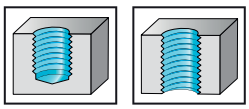
TC440 Supreme mm

– For long-chipping materials
– For stainless steels when using emulsion



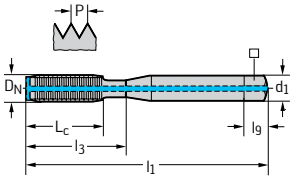
M
DIN 13

6HX



	P	M	K	N	S	H	O
WY80AD	●	●●		●	●		

DIN 2174

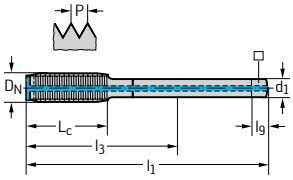


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC440-M5-C2-	M 5	0,8	70	8	25	6	4,9	8	4	
TC440-M6-C2-	M 6	1	80	10	30	6	4,9	8	5	
TC440-M8-C2-	M 8	1,25	90	12	35	8	6,2	9	5	
TC440-M10-C2-	M 10	1,5	100	15	39	10	8	11	5	

Ordering example for the grade WY80AD: TC440-M10-C2-WY80AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC440-M12-L2-	M 12	1,75	110	16	83	9	7	10	5	

Ordering example for the grade WY80AD: TC440-M12-L2-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E machine thread formers

TC410 Advance mm

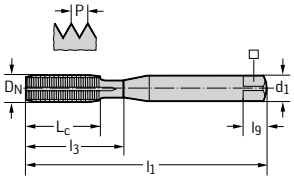
– For long-chipping materials

MF DIN 13	6HX		

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

	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

DIN 2174

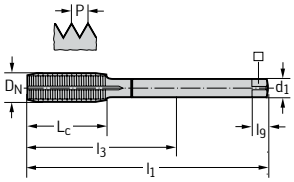


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M4X0.5-C6-	MF 4x0.5	0,5	63	12	21	4,5	3,4	6	5	☹
TC410-M5X0.5-C6-	MF 5x0.5	0,5	70	13	25	6	4,9	8	5	☹
TC410-M6X0.5-C6-	MF 6x0.5	0,5	80	15	30	6	4,9	8	5	☹
TC410-M6X0.75-C6-	MF 6x0.75	0,75	80	15	30	6	4,9	8	5	☹
TC410-M7X0.75-C6-	MF 7x0.75	0,75	80	15	30	7	5,5	8	5	☹

Ordering example for the grade WY80AD: TC410-M4X0.5-C6-WY80AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M8X0.5-L6-	MF 8x0.5	0,5	80	15	57	6	4,9	8	5	☹
TC410-M8X0.75-L6-	MF 8x0.75	0,75	80	15	57	6	4,9	8	5	☹
TC410-M8X1-L6-	MF 8x1	1	90	18	67	6	4,9	8	5	☹
TC410-M10X1-L6-	MF 10x1	1	90	20	67	7	5,5	8	6	☹
TC410-M10X1.25-L6-	MF 10x1.25	1,25	100	20	77	7	5,5	8	6	☹
TC410-M12X1-L6-	MF 12x1	1	100	21	73	9	7	10	6	☹
TC410-M12X1.25-L6-	MF 12x1.25	1,25	100	21	73	9	7	10	6	☹
TC410-M12X1.5-L6-	MF 12x1.5	1,5	100	21	73	9	7	10	6	☹
TC410-M14X1.5-L6-	MF 14x1.5	1,5	100	21	71	11	9	12	6	☹
TC410-M16X1.5-L6-	MF 16x1.5	1,5	100	21	58	12	9	12	6	☹
TC410-M18X1.5-L6-	MF 18x1.5	1,5	110	24	66	14	11	14	7	☹
TC410-M20X1.5-L6-	MF 20x1.5	1,5	125	24	80	16	12	15	7	☹
TC410-M20X2-L6-	MF 20x2	2	140	30	95	16	12	15	7	☹
TC410-M22X1.5-L6-	MF 22x1.5	1,5	125	24	78	18	14,5	17	7	☹
TC410-M24X1.5-L6-	MF 24x1.5	1,5	140	26	93	18	14,5	17	8	☹
TC410-M24X2-L6-	MF 24x2	2	140	26	93	18	14,5	17	8	☹
TC410-M27X1.5-L6-	MF 27x1.5	1,5	140	26	77	20	16	19	8	☹
TC410-M27X2-L6-	MF 27x2	2	140	26	77	20	16	19	8	☹
TC410-M30X1.5-L6-	MF 30x1.5	1,5	150	26	85	22	18	21	8	☹
TC410-M30X2-L6-	MF 30x2	2	150	26	85	22	18	21	8	☹

Ordering example for the grade WY80AD: TC410-M10X1-L6-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

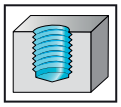
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

HSS-E machine thread formers

TC410 Advance mm

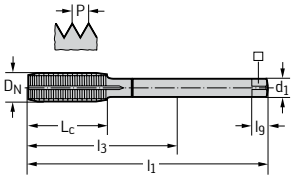
– For long-chipping materials

MF DIN 13	6GX	

≤ 3,5×D_N | E=1,5-2 | 36HRC 1200 –200 N/mm²

	P	M	K	N	S	H	O
WY80AD	●●	●	●	●●	●		

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M10X1-NE-	MF 10x1	1	90	20	67	7	5,5	8	6	☹
TC410-M12X1.5-NE-	MF 12x1.5	1,5	100	21	73	9	7	10	6	☹
TC410-M14X1.5-NE-	MF 14x1.5	1,5	100	21	71	11	9	12	7	☹
TC410-M16X1.5-NE-	MF 16x1.5	1,5	100	21	58	12	9	12	7	☹

Ordering example for the grade WY80AD: TC410-M10X1-NE-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

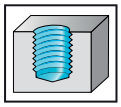
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

HSS-E-PM machine thread formers

TC420 Supreme mm

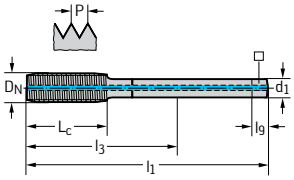
– For long-chipping materials

MF DIN 13	6HX	

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

	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		

DIN 2174



Parallel shank

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

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

C2

WALTER SELECT

●● Primary application ● Other application

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

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

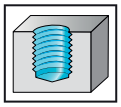
HSS-E-PM machine thread formers

TC420 Supreme mm

– For long-chipping materials

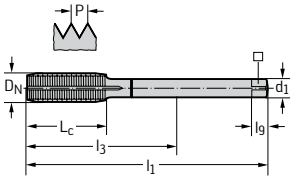
≤ 3,5×D_N | C=2-3 | 36HRC 1200 –200 N/mm²

MF DIN 13 | 6HX



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

DIN 2174



Parallel shank

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

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

C2

WALTER SELECT

●● Primary application ● Other application

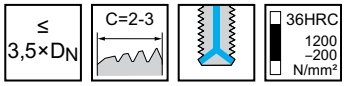
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

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

HSS-E-PM machine thread formers

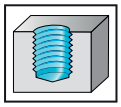
TC420 Supreme mm

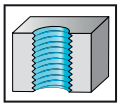
– For long-chipping materials



MF
DIN 13

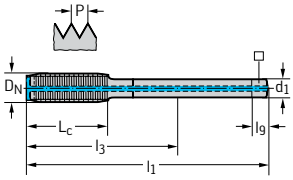
6HX





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

DIN 2174



Parallel shank

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

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

C2

WALTER SELECT

●● Primary application ● Other application

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

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

HSS-E-PM machine thread formers

TC420 Supreme mm

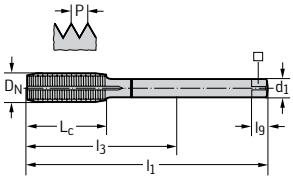
– For long-chipping materials

≤ 3,5×D_N	C=2-3	36HRC 1200 –200 N/mm²

MF DIN 13	6GX		

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

DIN 2174



Parallel shank

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

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

C2

WALTER SELECT

●● Primary application ● Other application

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

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

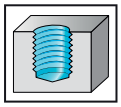
HSS-E-PM machine thread formers

TC430 Supreme mm

– For long-chipping materials
– ISO M only with oil

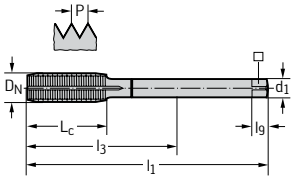
≤ 3,5×D_N | C=2-3 | 36HRC 1200 –200 N/mm²

MF DIN 13 | 6HX



	P	M	K	N	S	H	O
WW60EL	●●	●	●	●			
WW60AD	●●	●	●	●			

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60EL	WW60AD
TC430-M8X1-L6-	MF 8x1	1	90	12	67	6	4,9	8	6	☹	☹
TC430-M10X1-L6-	MF 10x1	1	90	12	67	7	5,5	8	7	☹	
TC430-M10X1.25-L6-	MF 10x1.25	1,25	100	15	77	7	5,5	8	7	☹	☹
TC430-M12X1.25-L6-	MF 12x1.25	1,25	100	13	73	9	7	10	8	☹	☹
TC430-M12X1.5-L6-	MF 12x1.5	1,5	100	13	73	9	7	10	8	☹	
TC430-M14X1.5-L6-	MF 14x1.5	1,5	100	15	71	11	9	12	8	☹	
TC430-M16X1.5-L6-	MF 16x1.5	1,5	100	15	58	12	9	12	8	☹	☹

Ordering example for the grade WW60EL: TC430-M10X1-L6-WW60EL

C2

WALTER SELECT

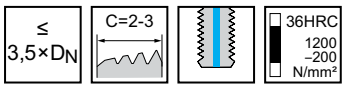
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

HSS-E-PM machine thread formers

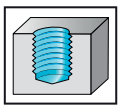
TC430 Supreme mm

– For long-chipping materials
– ISO M only with oil



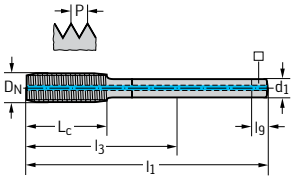
MF
DIN 13

6HX



	P	M	K	N	S	H	O
WW60AD	●●	●	●	●			
WW60EL	●●	●	●	●			

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60EL
TC430-M12X1.25-L1-	MF 12x1.25	1,25	100	13	73	9	7	10	8	☹	☹
TC430-M12X1.5-L1-	MF 12x1.5	1,5	100	13	73	9	7	10	8	☹	
TC430-M14X1.5-L1-	MF 14x1.5	1,5	100	15	71	11	9	12	8	☹	
TC430-M16X1.5-L1-	MF 16x1.5	1,5	100	15	58	12	9	12	8	☹	☹

Ordering example for the grade WW60AD: TC430-M12X1.25-L1-WW60AD

C2

WALTER SELECT

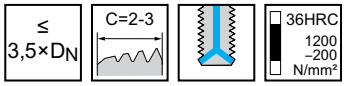
●● Primary application ● Other application

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

HSS-E-PM machine thread formers

TC430 Supreme mm

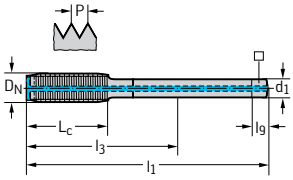
– For long-chipping materials
– ISO M only with oil



MF DIN 13	6HX		

	P	M	K	N	S	H	O
WW60AD	●●	●	●	●			
WW60EL	●●	●	●	●			

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60EL
TC430-M8X1-L2-	MF 8x1	1	90	12	67	6	4,9	8	6	☹	☹
TC430-M10X1-L2-	MF 10x1	1	90	12	67	7	5,5	8	7	☹	☹
TC430-M10X1.25-L2-	MF 10x1.25	1,25	100	15	77	7	5,5	8	7	☹	☹
TC430-M12X1-L2-	MF 12x1	1	100	13	73	9	7	10	8		☹
TC430-M12X1.25-L2-	MF 12x1.25	1,25	100	13	73	9	7	10	8	☹	☹
TC430-M12X1.5-L2-	MF 12x1.5	1,5	100	13	73	9	7	10	8	☹	☹
TC430-M14X1.5-L2-	MF 14x1.5	1,5	100	15	71	11	9	12	8	☹	☹
TC430-M16X1.5-L2-	MF 16x1.5	1,5	100	15	58	12	9	12	8	☹	☹

Ordering example for the grade WW60AD: TC430-M10X1-L2-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

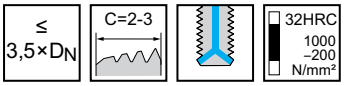
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

HSS-E machine thread formers

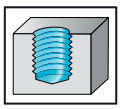
TC440 Supreme mm

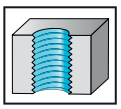
– For long-chipping materials
– For stainless steels when using emulsion



MF
DIN 13

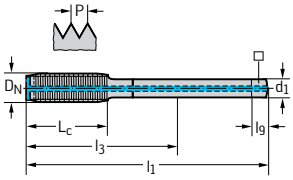
6HX





	P	M	K	N	S	H	O
WY80AD	●	●●		●	●		

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC440-M8X1-L2-	MF 8x1	1	90	12	67	6	4,9	8	5	
TC440-M10X1-L2-	MF 10x1	1	90	12	67	7	5,5	8	5	
TC440-M12X1.5-L2-	MF 12x1.5	1,5	100	13	73	9	7	10	5	
TC440-M14X1.5-L2-	MF 14x1.5	1,5	100	15	58	11	9	12	6	
TC440-M16X1.5-L2-	MF 16x1.5	1,5	100	15	58	12	9	12	6	
TC440-M18X1.5-L2-	MF 18x1.5	1,5	110	17	66	14	11	14	6	

Ordering example for the grade WY80AD: TC440-M10X1-L2-WY80AD

C2

WALTER SELECT

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

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

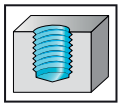
HSS-E machine thread formers

TC410 Advance mm

– For long-chipping materials

UNC
ASME B1.1

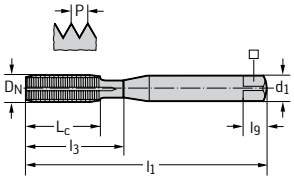
2BX



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

	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

DIN 2184-1

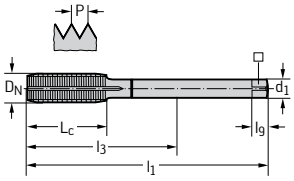


Parallel shank

Designation	D_N-P	D_N-P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-UNC2-C6-	UNC #2-56	2,184	45	7	12	2,8	2,1	5	3	☹
TC410-UNC4-C6-	UNC #4-40	2,845	56	9	18	3,5	2,7	6	3	☹
TC410-UNC6-C6-	UNC #6-32	3,505	56	11	20	4	3	6	4	☹
TC410-UNC8-C6-	UNC #8-32	4,166	63	12	21	4,5	3,4	6	5	☹
TC410-UNC10-C6-	UNC #10-24	4,826	70	13	25	6	4,9	8	5	☹
TC410-UNC1/4-C6-	UNC 1/4-20	6,35	80	15	30	7	5,5	8	5	☹
TC410-UNC5/16-C6-	UNC 5/16-18	7,938	90	18	35	8	6,2	9	5	☹
TC410-UNC3/8-C6-	UNC 3/8-16	9,525	100	20	39	10	8	11	5	☹

Ordering example for the grade WY80AD: TC410-UNC1/4-C6-WY80AD

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N-P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-UNC7/16-L6-	UNC 7/16-14	11,113	100	20	76	8	6,2	9	6	☹
TC410-UNC1/2-L6-	UNC 1/2-13	12,7	110	23	83	9	7	10	6	☹
TC410-UNC5/8-L6-	UNC 5/8-11	15,875	110	25	68	12	9	12	6	☹

Ordering example for the grade WY80AD: TC410-UNC1/2-L6-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

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

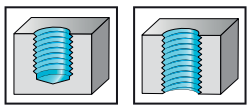
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E machine thread formers

TC410 Advance inch

– Universal thread former
– With lubrication grooves

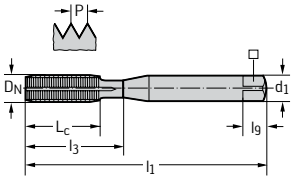
DIN ANSI | UNC ASME B1.1 | 2BX



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

	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

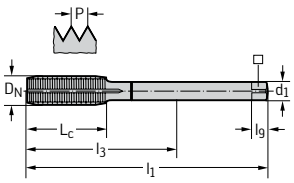
DIN/ANSI



Designation	D_N-P	D_N-P inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80AD
TC410.UNC2-C6-	UNC #2-56	0,086	1,772	0,276	0,472	0,141	0,110	0,19	3	☹
TC410.UNC4-C6-	UNC #4-40	0,112	2,205	0,354	0,709	0,141	0,110	0,19	3	☹
TC410.UNC5-C6-	UNC #5-40	0,125	2,205	0,394	0,709	0,141	0,110	0,19	4	☹
TC410.UNC6-C6-	UNC #6-32	0,138	2,205	0,512	0,787	0,141	0,110	0,19	4	☹
TC410.UNC8-C6-	UNC #8-32	0,164	2,48	0,591	0,984	0,168	0,131	0,250	5	☹
TC410.UNC10-C6-	UNC #10-24	0,190	2,756	0,709	0,984	0,194	0,152	0,250	5	☹
TC410.UNC1/4-C6-	UNC 1/4-20	0,250	3,150	0,630	1,181	0,255	0,191	0,313	5	☹
TC410.UNC5/16-C6-	UNC 5/16-18	0,312	3,543	0,748	1,378	0,318	0,238	0,380	5	☹
TC410.UNC3/8-C6-	UNC 3/8-16	0,375	3,937	0,748	1,535	0,381	0,286	0,437	5	☹

Ordering example for the grade WY80AD: TC410.UNC1/4-C6-WY80AD

DIN/ANSI



Designation	D_N-P	D_N-P inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80AD
TC410.UNC7/16-L6-	UNC 7/16-14	0,437	3,937	0,866	2,862	0,323	0,242	0,406	6	☹
TC410.UNC1/2-L6-	UNC 1/2-13	0,500	4,331	0,945	3,224	0,367	0,275	0,437	6	☹
TC410.UNC9/16-L6-	UNC 9/16-12	0,562	4,331	1,024	3,161	0,429	0,322	0,500	6	☹
TC410.UNC5/8-L6-	UNC 5/8-11	0,625	4,331	1,102	2,587	0,480	0,360	0,563	6	☹
TC410.UNC3/4-L6-	UNC 3/4-10	0,750	4,921	1,181	3,051	0,590	0,442	0,689	7	☹
TC410.UNC7/8-L6-	UNC 7/8-9	0,875	5,512	1,181	3,583	0,697	0,523	0,750	7	☹

Ordering example for the grade WY80AD: TC410.UNC1/2-L6-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

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

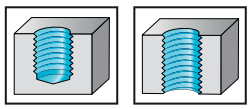
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E-PM machine thread formers

TC420 Supreme inch

– Universal high-performance thread former
– With lubrication grooves

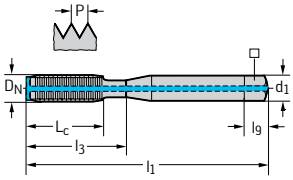
DIN ANSI | UNC ASME B1.1 | 2BX



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

	P	M	K	N	S	H	O
WW60AD	●●	●	●	●●	●		

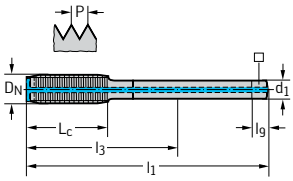
DIN/ANSI



Designation	D_N-P	D_N-P inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WW60AD
TC420.UNC10-C2-	UNC #10-24	0,190	2,756	0,315	0,984	0,194	0,152	0,250	5	☹
TC420.UNC1/4-C2-	UNC 1/4-20	0,250	3,150	0,394	1,181	0,255	0,191	0,313	5	☹
TC420.UNC5/16-C2-	UNC 5/16-18	0,312	3,543	0,472	1,378	0,318	0,238	0,380	5	☹
TC420.UNC3/8-C2-	UNC 3/8-16	0,375	3,937	0,591	1,535	0,381	0,286	0,437	5	☹

Ordering example for the grade WW60AD: TC420.UNC1/4-C2-WW60AD

DIN/ANSI



Designation	D_N-P	D_N-P inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WW60AD
TC420.UNC1/2-L2-	UNC 1/2-13	0,500	4,331	0,709	3,224	0,367	0,275	0,437	6	☹
TC420.UNC5/8-L2-	UNC 5/8-11	0,625	4,331	0,787	2,587	0,480	0,360	0,563	6	☹
TC420.UNC3/4-L2-	UNC 3/4-10	0,750	4,921	0,984	3,051	0,590	0,442	0,689	7	☹

Ordering example for the grade WW60AD: TC420.UNC1/2-L2-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

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

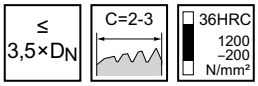
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E machine thread formers

TC410 Advance mm

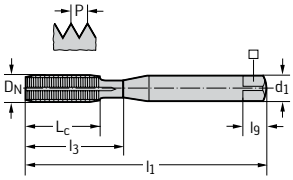
– For long-chipping materials

UNF ASME B1.1	2BX		



	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

DIN 2184-1

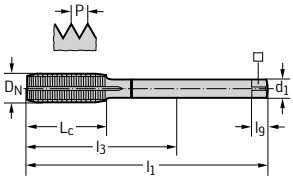


Parallel shank

Designation	D_N-P	D_N-P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-UNF2-C6-	UNF #2-64	2,184	45	7	12	2,8	2,1	5	3	⊗
TC410-UNF4-C6-	UNF #4-48	2,845	56	9	18	3,5	2,7	6	3	⊗
TC410-UNF6-C6-	UNF #6-40	3,505	56	11	20	4	3	6	4	⊗
TC410-UNF8-C6-	UNF #8-36	4,166	63	12	21	4,5	3,4	6	5	⊗
TC410-UNF10-C6-	UNF #10-32	4,826	70	13	25	6	4,9	8	5	⊗
TC410-UNF1/4-C6-	UNF 1/4-28	6,35	80	15	30	7	5,5	8	5	⊗
TC410-UNF5/16-C6-	UNF 5/16-24	7,938	90	18	35	8	6,2	9	5	⊗
TC410-UNF3/8-C6-	UNF 3/8-24	9,525	90	20	39	10	8	11	5	⊗

Ordering example for the grade WY80AD: TC410-UNF1/4-C6-WY80AD

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N-P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-UNF7/16-L6-	UNF 7/16-20	11,113	100	20	76	8	6,2	9	6	⊗
TC410-UNF1/2-L6-	UNF 1/2-20	12,7	100	21	73	9	7	10	6	⊗
TC410-UNF5/8-L6-	UNF 5/8-18	15,875	100	21	58	12	9	12	6	⊗

Ordering example for the grade WY80AD: TC410-UNF1/2-L6-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

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

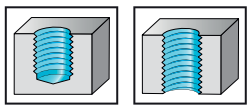
New addition to the product range = ☺ 😐 ☹ / ★

HSS-E machine thread formers

TC410 Advance inch

– Universal thread former
– With lubrication grooves

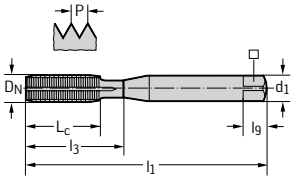
DIN ANSI | UNF ASME B1.1 | 2BX



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

	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

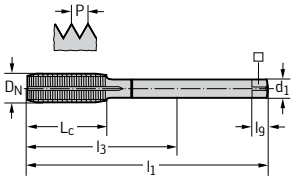
DIN/ANSI



Designation	D_N-P	D_N-P inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80AD
TC410.UNF0-C6-	UNF #0-80	0,060	1,575	0,217	0,256	0,141	0,110	0,19	3	☹
TC410.UNF1-C6-	UNF #1-72	0,073	1,772	0,276	0,354	0,141	0,110	0,19	3	☹
TC410.UNF6-C6-	UNF #6-40	0,138	2,205	0,512	0,787	0,141	0,110	0,19	4	☹
TC410.UNF8-C6-	UNF #8-36	0,164	2,48	0,591	0,984	0,168	0,131	0,250	5	☹
TC410.UNF10-C6-	UNF #10-32	0,190	2,756	0,709	0,984	0,194	0,152	0,250	5	☹
TC410.UNF1/4-C6-	UNF 1/4-28	0,250	3,150	0,630	1,181	0,255	0,191	0,313	5	☹
TC410.UNF5/16-C6-	UNF 5/16-24	0,312	3,543	0,748	1,378	0,318	0,238	0,380	5	☹
TC410.UNF3/8-C6-	UNF 3/8-24	0,375	3,937	0,748	1,535	0,381	0,286	0,437	5	☹

Ordering example for the grade WY80AD: TC410.UNF0-C6-WY80AD

DIN/ANSI



Designation	D_N-P	D_N-P inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80AD
TC410.UNF7/16-L6-	UNF 7/16-20	0,437	3,937	0,866	2,862	0,323	0,242	0,406	6	☹
TC410.UNF1/2-L6-	UNF 1/2-20	0,500	3,937	0,945	2,831	0,367	0,275	0,437	6	☹
TC410.UNF9/16-L6-	UNF 9/16-18	0,562	3,937	1,024	2,768	0,429	0,322	0,500	6	☹
TC410.UNF5/8-L6-	UNF 5/8-18	0,625	3,937	1,102	2,193	0,480	0,360	0,563	6	☹
TC410.UNF3/4-L6-	UNF 3/4-16	0,750	4,331	1,181	2,461	0,590	0,442	0,689	7	☹
TC410.UNF7/8-L6-	UNF 7/8-14	0,875	4,921	1,260	2,992	0,697	0,523	0,750	7	☹

Ordering example for the grade WY80AD: TC410.UNF1/2-L6-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

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

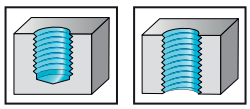
☺ 😐 ☹ / ★ = New addition to the product range

HSS-E-PM machine thread formers

TC420 Supreme inch

– Universal high-performance thread former
– With lubrication grooves

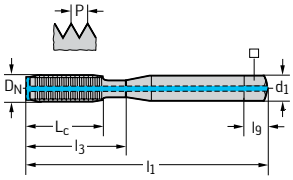
DIN ANSI | UNF ASME B1.1 | 2BX



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

	P	M	K	N	S	H	O
WW60AD	●●	●	●	●●	●		

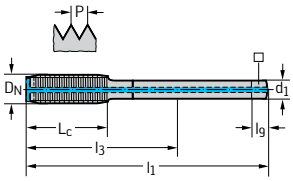
DIN/ANSI



Designation	D_N-P	D_N-P inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WW60AD
TC420.UNF10-C2-	UNF #10-32	0,190	2,756	0,315	0,984	0,194	0,152	0,250	5	⊗
TC420.UNF1/4-C2-	UNF 1/4-28	0,250	3,150	0,394	1,181	0,255	0,191	0,313	5	⊗
TC420.UNF5/16-C2-	UNF 5/16-24	0,312	3,543	0,472	1,378	0,318	0,238	0,380	5	⊗
TC420.UNF3/8-C2-	UNF 3/8-24	0,375	3,937	0,472	1,535	0,381	0,286	0,437	5	⊗

Ordering example for the grade WW60AD: TC420.UNF1/4-C2-WW60AD

DIN/ANSI



Designation	D_N-P	D_N-P inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WW60AD
TC420.UNF7/16-L2-	UNF 7/16-20	0,437	3,937	0,591	2,862	0,323	0,242	0,406	6	⊗
TC420.UNF1/2-L2-	UNF 1/2-20	0,500	3,937	0,591	2,831	0,367	0,275	0,437	6	⊗
TC420.UNF9/16-L2-	UNF 9/16-18	0,562	3,937	0,591	2,768	0,429	0,322	0,500	6	⊗
TC420.UNF3/4-L2-	UNF 3/4-16	0,750	4,331	0,669	2,461	0,590	0,442	0,689	7	⊗

Ordering example for the grade WW60AD: TC420.UNF1/2-L2-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

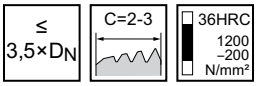
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

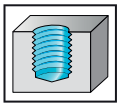
HSS-E machine thread formers

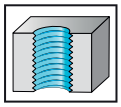
TC410 Advance mm

– For long-chipping materials



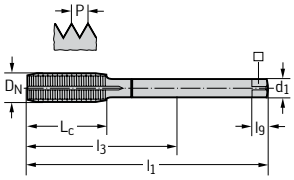
G (BSP)
DIN EN ISO 228





	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

DIN 2189



Parallel shank

Designation	D_N-P	D_N-P mm	Threads per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-G1/8-N6-	G 1/8-28	9,728	28	90	20	67	7	5,5	8	5	☹
TC410-G1/4-N6-	G 1/4-19	13,157	19	100	21	71	11	9	12	6	☹
TC410-G3/8-N6-	G 3/8-19	16,662	19	100	21	58	12	9	12	6	☹
TC410-G1/2-N6-	G 1/2-14	20,955	14	125	24	80	16	12	15	7	☹
TC410-G3/4-N6-	G 3/4-14	26,441	14	140	26	77	20	16	19	8	☹
TC410-G1-N6-	G 1"-11	33,249	11	160	28	93	25	20	23	8	☹

Ordering example for the grade WY80AD: TC410-G1-N6-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

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

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

Drill thread milling cutters

Machining				
Thread depth	2 x D_N	2 x D_N	2,5 x D_N	2,5 x D_N
Designation	TC685 Supreme	Thrill·tec™	TC685 Supreme	Thrill·tec™
Thread type				
M	✔	✔	✔	✔
MF	✔	✔	✔	✔
UNC / UNF / UN-8		✔		✔
G / Rc / Rp	✔	✔		
MJ / UNJC / UNJF				
NPT / NPTF				
Pg / BSW / Tr				
Indexable inserts basic shape	✔	✔	✔	✔
Additional services				
Coolant supply	External / axial	axial	External / axial	axial
Coating / grade	WB10RC	WB10TJ	WB10RC	WB10TJ
Cutting tool material	VHM	VHM	VHM	VHM
P Steel	●	●●	●	●●
M Stainless steel		●●		●●
K Cast iron	●	●●	●	●●
N NF metals		●●		●●
S Materials with difficult cutting properties	●	●●	●	●●
H Hard materials	●●		●●	
O Other		●		●
Page in catalogue	**366**	**361**	**368**	**362**
QR code				
www.walter-tools.com/woc/	TC685	TC645	TC685	TC645

C3

WALTER SELECT ●● Primary application ● Other application

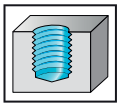
Orbital drill thread milling cutter

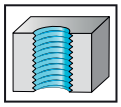
TC645 Supreme mm

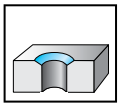
Thrill·tec™

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

M-MF
DIN 13



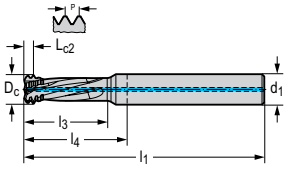




≤ 2×D_N | L-rot. | -20° | 48HRC

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

Tool



DIN 6535 HA

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

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

C3

WALTER SELECT

●● Primary application ● Other application

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

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

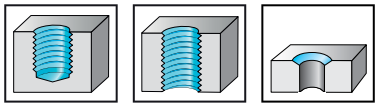
Orbital drill thread milling cutter

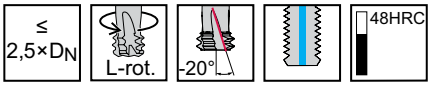
TC645 Supreme mm

Thrill·tec™

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

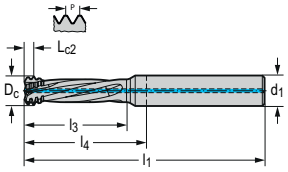
M-MF
DIN 13





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

Tool



DIN 6535 HA

Designation	D_N	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC645-M4-A1E-	M 4	3,05	1,12	10	50	14	6	4	☹
TC645-M5-A1E-	M 5	3,9	1,29	12,5	57	21	6	4	☹
TC645-M6-A1E-	M 6	4,5	1,6	15	57	21	6	4	☹
TC645-M8-A1E-	M 8	6,2	2,01	20	63	27	8	4	☹
TC645-M10-A1E-	M 10	7,8	2,42	25	63	27	8	4	☹
TC645-M12-A1E-	M 12	8,7	2,83	30	72	33	10	4	☹

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

C3

WALTER SELECT

●● Primary application ● Other application

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

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

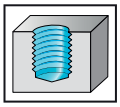
Orbital drill thread milling cutter

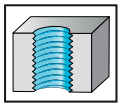
TC645 Supreme mm

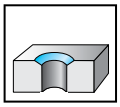
Thrill·tec™

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

UNC
ASME B1.1



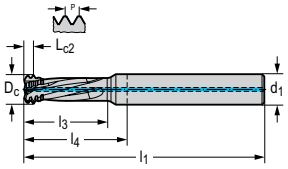




≤ 2×D_N | L-rot. | -20° | 48HRC

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

Tool



DIN 6535 HA

Designation	D_N	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC645-UNC8-A1D-	UNC #8-32	3,1	1,26	8,331	50	14	6	4	☺
TC645-UNC10-A1D-	UNC #10-24	3,5	1,67	9,652	50	14	6	4	☺
TC645-UNC1/4-A1D-	UNC 1/4-20	4,6	2,02	12,7	57	21	6	4	☺
TC645-UNC5/16-A1D-	UNC 5/16-18	5,9	2,25	15,875	57	21	6	4	☺
TC645-UNC3/8-A1D-	UNC 3/8-16	7,2	2,54	19,05	63	27	8	4	☺
TC645-UNC7/16-A1D-	UNC 7/16-14	8,5	2,91	22,225	72	32	10	4	☺
TC645-UNC1/2-A1D-	UNC 1/2-13	9,2	3,15	25,4	72	32	10	4	☺

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

C3

WALTER SELECT

●● Primary application ● Other application

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

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

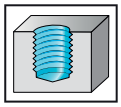
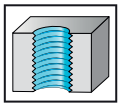
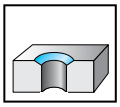
Orbital drill thread milling cutter

TC645 Supreme mm

Thrill·tec™

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

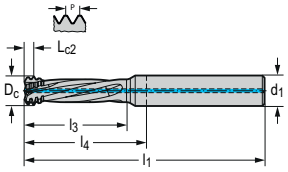
UNC
ASME B1.1

≤ 2,5×D_N | L-rot. | -20° | 48HRC

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

Tool



DIN 6535 HA

Designation	D_N	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC645-UNC8-A1E-	UNC #8-32	3,1	1,26	10,414	50	14	6	4	☹
TC645-UNC10-A1E-	UNC #10-24	3,5	1,67	12,065	57	21	6	4	☹
TC645-UNC1/4-A1E-	UNC 1/4-20	4,6	2,02	15,875	57	21	6	4	☹
TC645-UNC5/16-A1E-	UNC 5/16-18	5,9	2,25	19,844	57	22	6	4	☹
TC645-UNC3/8-A1E-	UNC 3/8-16	7,2	2,54	23,813	63	27	8	4	☹
TC645-UNC7/16-A1E-	UNC 7/16-14	8,5	2,91	27,781	72	32	10	4	☹
TC645-UNC1/2-A1E-	UNC 1/2-13	9,2	3,15	31,75	80	40	10	4	☹

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

C3

WALTER SELECT

●● Primary application ● Other application

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

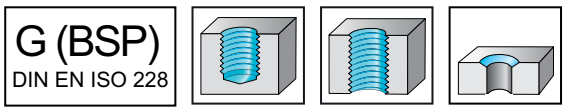
New addition to the product range = ☺ 😐 ☹ / ★

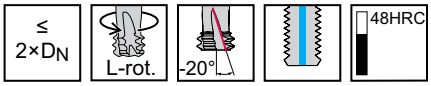
Orbital drill thread milling cutter

TC645 Supreme mm

Thrill·tec™

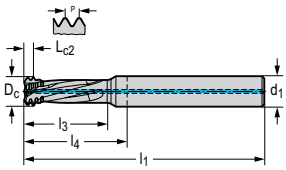
– Orbital drill thread milling cutters for universal application
– Chamfer, core hole and thread in one operation





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

Tool



DIN 6535 HA

Designation	D_N	Threads per inch	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC645-G1/16-A1D-	G 1/16-28	28	6,2	1,44	15,446	58	22	8	4	☺
TC645-G1/8-A1D-	G 1/8-28	28	8,05	1,46	19,456	64	24	10	4	☺
TC645-G1/4-A1D-	G 1/4-19	19	10,2	2,15	26,35	77	32	12	4	☺

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

C3

WALTER SELECT

●● Primary application ● Other application

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

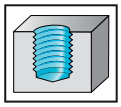
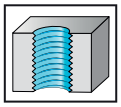
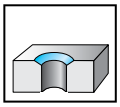
☺ 😐 ☹ / ★ = New addition to the product range

Orbital drill thread milling cutter

TC685 Supreme mm

– Orbital drill thread milling cutters for hardened materials
– Chamfer, core hole and thread in one operation

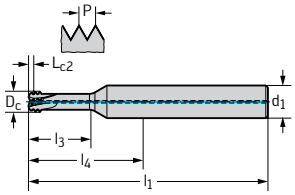
G (BSP)
DIN EN ISO 228

≤ 2×D_N | L-rot. | -15° | 65HRC / 44HRC

	P	M	K	N	S	H	O
WB10RC	●		●		●	●●	

Tool



DIN 6535 HA

Designation	D_N	P	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RC
TC685-G1/16-A1D-	G 1/16-28	28	6,2	1,43	15,446	63	27	8	4	☹
TC685-G1/8-A1D-	G 1/8-28	28	8,1	1,46	19,456	72	32	10	4	☹
TC685-G1/4-A1D-	G 1/4-19	19	10,4	2,14	26,35	83	38	12	4	☹
TC685-G1/2-A1D-	G 1/2-14	14	15,2	2,95	41,91	116	68	16	4	☹

Ordering example for the grade WB10RC: TC685-G1/16-A1D-WB10RC

C3

WALTER SELECT

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

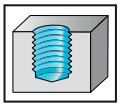
New addition to the product range = ☺ ☹ ☠ / ★

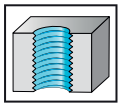
Orbital drill thread milling cutter

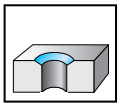
TC685 Supreme mm

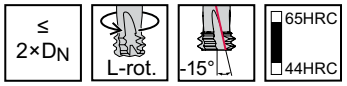
– Orbital drill thread milling cutters for hardened materials
– Chamfer, core hole and thread in one operation

M-MF
DIN 13





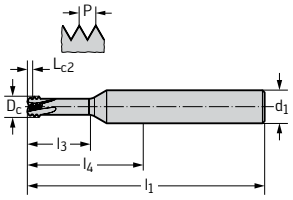




	P	M	K	N	S	H	O
WB10RC	●		●		●	●●	

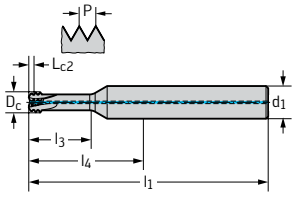
Tool

Designation	D_N	P mm	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RC
TC685-M2-A0D-	M 2	0,4	1,55	0,64	4	57	21	6	4	☺
TC685-M2.5-A0D-	M 2.5	0,45	1,95	0,72	5	57	21	6	4	☺
TC685-M3-A0D-	M 3	0,5	2,35	0,8	6	50	14	6	4	☺
TC685-M4-A0D-	M 4	0,7	3,1	1,12	8	50	14	6	4	☺
TC685-M5-A0D-	M 5	0,8	3,9	1,29	10	57	21	6	4	☺



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RC
TC685-M6-A1D-	M 6	1	4,6	1,61	12	57	21	6	4	☺
TC685-M8-A1D-	M 8	1,25	6,2	2,02	16	63	27	8	4	☺
TC685-M10-A1D-	M 10	1,5	7,8	2,43	20	63	27	8	4	☺
TC685-M12-A1D-	M 12	1,75	9	2,84	24	72	32	10	4	☺
TC685-M14-A1D-	M 14	2	10,5	3,25	28	83	38	12	4	☺
TC685-M16-A1D-	M 16	2	12,5	3,28	32	92	44	16	4	☺
TC685-M18-A1D-	M 18	2,5	13,5	4,06	36	115	67	16	4	☺
TC685-M20-A1D-	M 20	2,5	15,4	4,09	40	115	67	16	4	☺



DIN 6535 HA

Maximum nominal thread diameter for fine thread: Dc x 1.94 | Example: TC685-M8.. / 6.2 mm x 1.94 = 12.03 mm / MF 12x1.25 possible | Ordering example for the grade WB10RC: TC685-M2-A0D-WB10RC

C3

WALTER SELECT

●● Primary application ● Other application

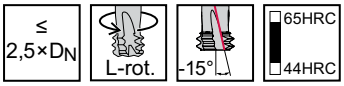
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

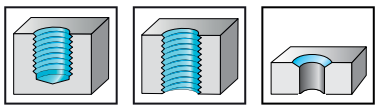
Orbital drill thread milling cutter

TC685 Supreme mm

– Orbital drill thread milling cutters for hardened materials
– Chamfer, core hole and thread in one operation

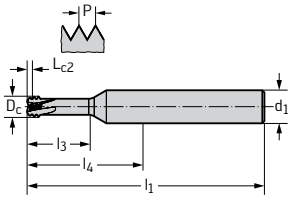


M-MF
DIN 13



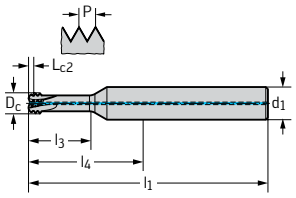
	P	M	K	N	S	H	O
WB10RC	●		●		●	●●	

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RC
TC685-M2-A0E-	M 2	0,4	1,55	0,64	4	57	21	6	4	☹
TC685-M2.5-A0E-	M 2.5	0,45	1,95	0,72	5	57	21	6	4	☹
TC685-M3-A0E-	M 3	0,5	2,35	0,8	7,5	50	14	6	4	☹
TC685-M4-A0E-	M 4	0,7	3,1	1,12	10	57	21	6	4	☹
TC685-M5-A0E-	M 5	0,8	3,9	1,29	12,5	57	21	6	4	☹



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RC
TC685-M6-A1E-	M 6	1	4,6	1,61	15	57	21	6	4	☹
TC685-M8-A1E-	M 8	1,25	6,2	2,02	20	63	27	8	4	☹
TC685-M10-A1E-	M 10	1,5	7,8	2,43	25	63	27	8	4	☹
TC685-M12-A1E-	M 12	1,75	9	2,84	30	72	33	10	4	☹
TC685-M14-A1E-	M 14	2	10,5	3,25	35	83	38	12	4	☹
TC685-M16-A1E-	M 16	2	12,5	3,28	40	92	44	16	4	☹
TC685-M18-A1E-	M 18	2,5	13,5	4,06	36	115	67	16	4	☹
TC685-M20-A1E-	M 20	2,5	15,4	4,09	50	115	67	16	4	☹

Maximum nominal thread diameter for fine thread: Dc x 1.94 | Example: TC685-M8.. / 6.2 mm x 1.94 = 12.03 mm / MF 12x1.25 possible | Ordering example for the grade WB10RC: TC685-M2-A0E-WB10RC

C3

WALTER SELECT

●● Primary application ● Other application

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

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

Orbital thread milling cutters

Machining				
Thread depth	2 x D_N	2,5 x D_N	3 x D_N	4 x D_N
Designation	TC630 Supreme	TC630 Supreme	TC630 Supreme	TC630 Supreme
Thread type				
M	✔	✔	✔	✔
MF	✔	✔	✔	✔
UNC / UNF / UN-8	✔		✔	
G / Rc / Rp				
MJ / UNJC / UNJF				
NPT / NPTF				
Pg / BSW / Tr				
Indexable inserts basic shape	✔	✔	✔	✔
Additional services				
Coolant supply	External / axial	External	External / axial	axial
Coating / grade	WB10RA / WB10TJ	WB10TJ	WB10TJ	WB10TJ
Cutting tool material	VHM	VHM	VHM	VHM
P Steel	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●
H Hard materials				
O Other	●	●	●	●
Page in catalogue	**369**	**375**	**371**	**374**
QR code				
www.walter-tools.com/woc/	TC630	TC630	TC630	TC630

C3

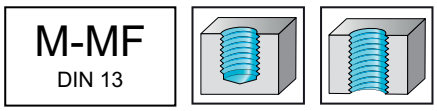
WALTER SELECT

●● Primary application ● Other application

Solid carbide orbital thread mills

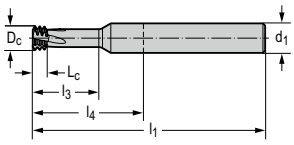
TC630 Supreme mm

– Universal orbital thread milling cutters



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

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z PCE	WB10TJ
TC630-M1.2-A0D-	M 1.2	0,25	0,9	0,25	2,525	38	10	3	4	☹
TC630-M1.4-A0D-	M 1.4	0,3	1,05	0,3	2,95	38	10	3	4	☹
TC630-M1.6-A0D-	M 1.6	0,35	1,2	0,7	3,73	38	10	3	4	☹
TC630-M1.8-A0D-	M 1.8	0,35	1,35	0,7	3,78	38	10	3	4	☹
TC630-M2-A0D-	M 2	0,4	1,55	1,2	4,6	57	21	6	4	☹
TC630-M2.2-A0D-	M 2.2	0,45	1,65	1,35	4,63	57	21	6	4	☹
TC630-M2.5-A0D-	M 2.5	0,45	1,95	1,35	5,68	57	21	6	4	☹
TC630-M3-A0D-	M 3	0,5	2,3	1,5	6,75	57	21	6	4	☹
TC630-M3.5-A0D-	M 3.5	0,6	2,7	1,8	7,3	57	21	6	4	☹
TC630-M4-A0D-	M 4	0,7	3,1	2,1	9,05	57	21	6	4	☹
TC630-M4.5-A0D-	M 4.5	0,75	3,5	2,25	9,38	57	21	6	4	☹
TC630-M5-A0D-	M 5	0,8	4	2,4	11,2	57	21	6	4	☹
TC630-M6-A0D-	M 6	1	4,8	3	13,5	57	21	6	4	☹
TC630-M8-A0D-	M 8	1,25	6,4	3,75	17,9	63	27	8	4	☹
TC630-M10-A0D-	M 10	1,5	8,2	4,5	22,3	72	32	10	5	☹
TC630-M12-A0D-	M12	1,75	9,75	5,25	26,7	72	32	10	5	☹

Ordering example for the grade WB10TJ: TC630-M1.2-A0D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

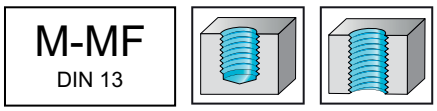
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

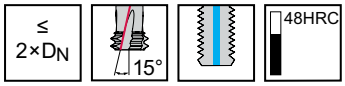
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide orbital thread mills

TC630 Supreme mm

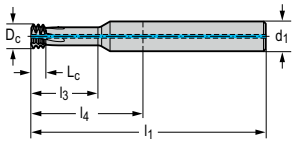
– Universal orbital thread milling cutters





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

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z PCE	WB10TJ
TC630-M5-A1D-	M 5	0,8	4	2,4	11,2	57	21	6	4	☹
TC630-M6-A1D-	M 6	1	4,8	3	13,5	57	21	6	4	☹
TC630-M8-A1D-	M 8	1,25	6,4	3,75	17,9	63	27	8	4	☹
TC630-M10-A1D-	M 10	1,5	8,2	4,5	22,3	72	32	10	5	☹
TC630-M12-A1D-	M 12	1,75	9,75	5,25	26,7	72	32	10	5	☹

Ordering example for the grade WB10TJ: TC630-M10-A1D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

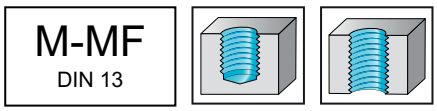
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide orbital thread mills

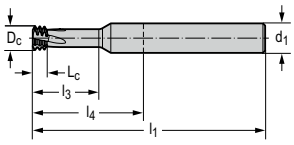
TC630 Supreme mm

– Universal orbital thread milling cutters



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

Tool



DIN 6535 HA

Designation	DN	P mm	Dc mm	Lc mm	l3 mm	l1 mm	l4 mm	d1 h6 mm	Z PCE	WB10TJ
TC630-M1.2-A0F-	M 1.2	0,25	0,9	0,25	3,725	38	10	3	4	😣
TC630-M1.4-A0F-	M 1.4	0,3	1,05	0,3	4,35	38	10	3	4	😣
TC630-M1.6-A0F-	M 1.6	0,35	1,2	0,7	5,33	38	10	3	4	😣
TC630-M1.8-A0F-	M 1.8	0,35	1,35	0,7	5,58	38	10	3	4	😣
TC630-M2-A0F-	M 2	0,4	1,55	1,2	6,6	57	21	6	4	😣
TC630-M2.2-A0F-	M 2.2	0,45	1,65	1,35	6,83	57	21	6	4	😣
TC630-M2.5-A0F-	M 2.5	0,45	1,95	1,35	8,18	57	21	6	4	😣
TC630-M3-A0F-	M 3	0,5	2,3	1,5	9,75	57	21	6	4	😣
TC630-M3.5-A0F-	M 3.5	0,6	2,7	1,8	10,8	57	21	6	4	😣
TC630-M4-A0F-	M 4	0,7	3,1	2,1	13,05	57	21	6	4	😣
TC630-M4.5-A0F-	M 4.5	0,75	3,5	2,25	13,88	57	21	6	4	😣
TC630-M5-A0F-	M 5	0,8	4	2,4	16,2	57	21	6	4	😣
TC630-M6-A0F-	M 6	1	4,8	3	19,5	57	22	6	4	😣
TC630-M8-A0F-	M 8	1,25	6,4	3,75	25,88	63	29	8	4	😣

Ordering example for the grade WB10TJ: TC630-M1.2-A0F-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😀 → Average = 😐 → Poor = 😣 machining conditions

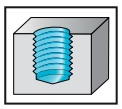
😀 😐 😣 / ★ = New addition to the product range

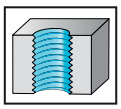
Solid carbide orbital thread mills

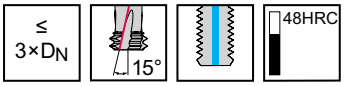
TC630 Supreme mm

– Universal orbital thread milling cutters

M-MF
DIN 13

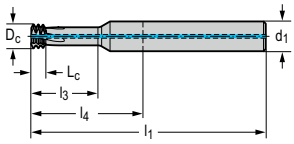






	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	DN	P mm	Dc mm	Lc mm	l3 mm	l1 mm	l4 mm	d1 h6 mm	Z PCE	WB10TJ
TC630-M5-A1F-	M 5	0,8	4	2,4	16,2	57	21	6	4	
TC630-M6-A1F-	M 6	1	4,8	3	19,5	57	22	6	4	
TC630-M8-A1F-	M 8	1,25	6,4	3,75	25,88	63	29	8	4	

Ordering example for the grade WB10TJ: TC630-M5-A1F-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

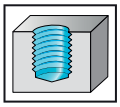
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide orbital thread mills

TC630 Supreme mm

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

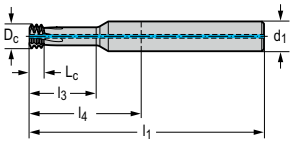
M-MF
DIN 13



≤ 3×D_N | 15° | 48HRC | DeVibe

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

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z PCE	WB10TJ
TC630-M8-A5F-	M 8	1,25	6,4	3,75	25,88	63	29	8	4	
TC630-M10-A5F-	M 10	1,5	8,2	4,5	30,75	72	34	10	5	
TC630-M12-A5F-	M 12	1,75	9,75	5,25	36,88	80	40	10	5	
TC630-M14-A5F-	M 14	2	11,4	6	43	92	47	12	5	
TC630-M16-A5F-	M 16	2	13,3	6	49	102	54	16	6	
TC630-M18-A5F-	M 18	2,5	14,75	7,5	55,25	108	60	16	6	

Ordering example for the grade WB10TJ: TC630-M10-A5F-WB10TJ

C3

WALTER SELECT

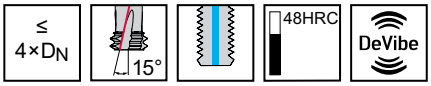
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

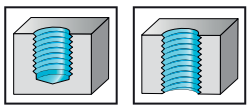
Solid carbide orbital thread mills

TC630 Supreme mm

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

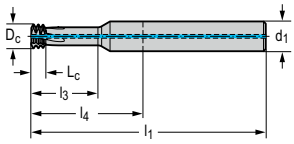


M-MF
DIN 13



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

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h8 mm	Z PCE	WB10TJ
TC630-M4-A5H-	M 4	0,7	3,1	2,1	16,35	57	21	6	4	☹
TC630-M5-A5H-	M 5	0,8	4	2,4	20,4	57	21	6	4	☹
TC630-M6-A5H-	M 6	1	4,8	3	24,5	65	29	6	4	☹
TC630-M8-A5H-	M 8	1,25	6,4	3,75	32,63	72	36	8	4	☹
TC630-M10-A5H-	M 10	1,5	8,2	4,5	40,75	85	45	10	5	☹
TC630-M12-A5H-	M 12	1,75	9,75	5,25	48,88	92	52	10	5	☹
TC630-M16-A5H-	M 16	2	13,3	6	65	115	70	16	6	☹

Ordering example for the grade WB10TJ: TC630-M10-A5H-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

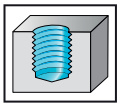
New addition to the product range = ☺ 😐 ☹ / ★

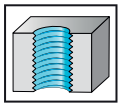
Solid carbide orbital thread mills

TC630 Supreme mm

– Universal orbital thread milling cutters

MF
DIN 13

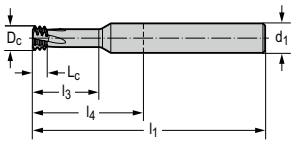




≤ 2,5×D_N | 15° | 48HRC

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

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z PCE	WB10TJ
TC630-M5X0.5-A0E-	M 5X0.5	0,5	4,3	1,5	12,75	57	21	6	4	☹
TC630-M6X0.75-A0E-	M 6X0.75	0,75	5	2,25	15,38	57	21	6	4	☹
TC630-M10X1-A0E-	M 10X1	1	8,55	3	25,5	72	32	10	5	☹
TC630-M10X1.25A0E-	M 10X1.25	1,25	8,35	3,75	25,63	72	32	10	5	☹
TC630-M14X1-A0E-	M 14X1	1	12	3	35,5	83	38	12	5	☹
TC630-M14X1.5-A0E-	M 14X1.5	1,5	11,9	4,5	35,75	83	38	12	5	☹

Ordering example for the grade WB10TJ: TC630-M10X1-A0E-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

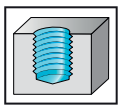
☺ 😐 ☹ / ★ = New addition to the product range

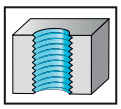
Solid carbide orbital thread mills

TC630 Supreme mm

– Universal orbital thread milling cutters

UNC
ASME B1.1



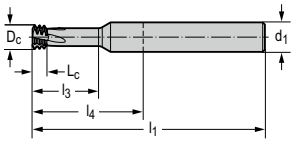


≤ 2×D_N

48HRC

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

Tool



DIN 6535 HA

Designation	D_N-P	Threads per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z PCE	WB10TJ
TC630-UNC1-A0D-	UNC #1-64	64	1,4	0,79	3,91	38	10	3	4	
TC630-UNC2-A0D-	UNC #2-56	56	1,6	1,36	4,59	57	21	6	4	
TC630-UNC4-A0D-	UNC #4-40	40	2,1	1,91	6,7	57	21	6	4	
TC630-UNC6-A0D-	UNC #6-32	32	2,6	2,38	8,3	57	21	6	4	
TC630-UNC8-A0D-	UNC #8-32	32	3,25	2,38	8,73	57	21	6	4	
TC630-UNC10-A0D-	UNC #10-24	24	3,55	3,18	11,3	57	21	6	4	

Ordering example for the grade WB10TJ: TC630-UNC1-A0D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

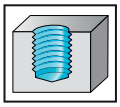
New addition to the product range = ☺ 😐 ☹ / ★

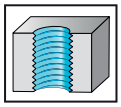
Solid carbide orbital thread mills

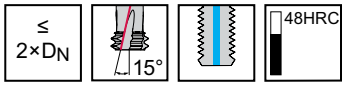
TC630 Supreme mm

– Universal orbital thread milling cutters

UNC
ASME B1.1

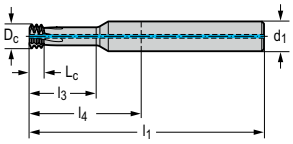






	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	DN-P	Threads per inch	Dc mm	Lc mm	l3 mm	l1 mm	l4 mm	d1 h6 mm	Z PCE	WB10TJ
TC630-UNC1/4-A1D-	UNC 1/4-20	20	4,85	3,81	14,7	57	21	6	4	☹
TC630-UNC5/16-A1D-	UNC 5/16-18	18	6,2	4,23	18,1	63	27	8	4	☹

Ordering example for the grade WB10TJ: TC630-UNC1/4-A1D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

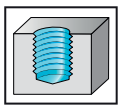
☺ 😐 ☹ / ★ = New addition to the product range

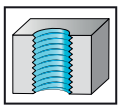
Solid carbide orbital thread mills

TC630 Supreme mm

– Universal orbital thread milling cutters

UNC
ASME B1.1

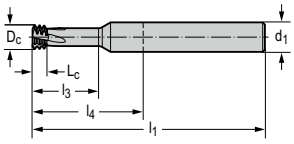




≤ 3×D_N | 15° | 48HRC

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

Tool



DIN 6535 HA

Designation	D_N-P	Threads per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z PCE	WB10TJ
TC630-UNC1-A0F-	UNC #1-64	64	1,4	0,79	5,76	38	10	3	4	☹
TC630-UNC2-A0F-	UNC #2-56	56	1,6	1,36	7,25	57	21	6	4	☹
TC630-UNC3-A0F-	UNC #3-48	48	1,85	1,59	7,81	57	21	6	4	☹
TC630-UNC4-A0F-	UNC #4-40	40	2,1	1,91	9,5	57	21	6	4	☹
TC630-UNC6-A0F-	UNC #6-32	32	2,6	2,38	11,75	57	21	6	4	☹
TC630-UNC8-A0F-	UNC #8-32	32	3,25	2,38	13,7	57	21	6	4	☹
TC630-UNC10-A0F-	UNC #10-24	24	3,55	3,18	16,1	57	21	6	4	☹
TC630-UNC1/4-A0F-	UNC 1/4-20	20	4,85	3,81	21	57	24	6	4	☹
TC630-UNC5/16-A0F-	UNC 5/16-18	18	6,2	4,23	25,95	63	29	8	4	☹

Ordering example for the grade WB10TJ: TC630-UNC1-A0F-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

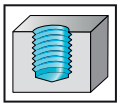
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide orbital thread mills

TC630 Supreme mm

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

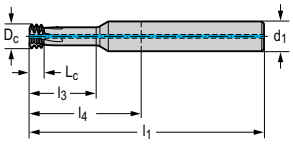
UNC
ASME B1.1



≤ 3×D_N | 15° | 48HRC | DeVibe

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

Tool



DIN 6535 HA

Designation	D_N-P	Threads per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z PCE	WB10TJ
TC630-UNC5/16-A5F-	UNC 5/16-18	18	6,2	4,23	25,95	63	29	8	4	☹
TC630-UNC3/8-A5F-	UNC 3/8-16	16	7,55	4,76	29,37	68	32	8	5	☹
TC630-UNC1/2-A5F-	UNC 1/2-13	13	10,25	5,86	39,08	89	44	12	5	☹
TC630-UNC5/8-A5F-	UNC 5/8-11	11	12,9	6,93	48,78	103	55	16	5	☹
TC630-UNC3/4-A5F-	UNC 3/4-10	10	15,7	7,62	58,42	110	62	16	6	☹

Ordering example for the grade WB10TJ: TC630-UNC1/2-A5F-WB10TJ

C3

WALTER SELECT

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

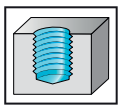
☺ 😐 ☹ / ★ = New addition to the product range

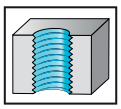
Solid carbide orbital thread mills

TC630 Supreme mm

– Universal orbital thread milling cutters

UNF
ASME B1.1

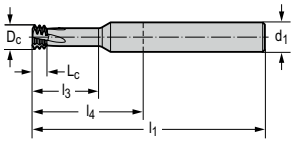




≤ 2×D_N | 15° | 48HRC

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

Tool

Designation	D_N-P	Threads per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z PCE	WB10TJ
 TC630-UNF10-A0D-	UNF #10-32	32	3,85	2,38	10,9	57	21	6	4	

DIN 6535 HA

Ordering example for the grade WB10TJ: TC630-UNF10-A0D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

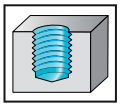
New addition to the product range = ☺ 😐 ☹ / ★

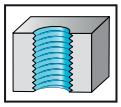
Solid carbide orbital thread mills

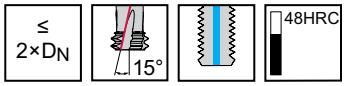
TC630 Supreme mm

– Universal orbital thread milling cutters

UNF
ASME B1.1

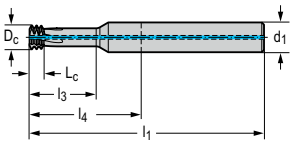






	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	DN-P	Threads per inch	Dc mm	Lc mm	l3 mm	l1 mm	l4 mm	d1 h6 mm	Z PCE	WB10TJ
TC630-UNF1/4-A1D-	UNF 1/4-28	28	5,25	2,72	14,1	57	21	6	4	☹
TC630-UNF5/16-A1D-	UNF 5/16-24	24	6,55	3,18	17,5	63	27	8	4	☹
TC630-UNF3/8-A1D-	UNF 3/8-24	24	8	3,18	20,7	63	27	8	5	☹

Ordering example for the grade WB10TJ: TC630-UNF1/4-A1D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

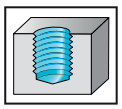
☺ 😐 ☹ / ★ = New addition to the product range

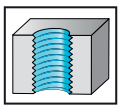
Solid carbide orbital thread mills

TC630 Supreme mm

– Universal orbital thread milling cutters

UNF
ASME B1.1

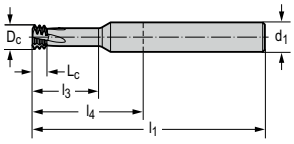




≤ 3×D_N | 15° | 48HRC

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

Tool



DIN 6535 HA

Designation	D_N-P	Threads per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z PCE	WB10TJ
TC630-UNF0-A0F-	UNF #0-80	80	1,15	0,32	4,735	38	10	3	4	☹
TC630-UNF1-A0F-	UNF #1-72	72	1,4	0,71	5,74	38	10	3	4	☹
TC630-UNF5-A0F-	UNF #5-44	44	2,45	1,73	9,82	57	21	6	4	☹
TC630-UNF6-A0F-	UNF #6-40	40	2,75	1,91	11,5	57	21	6	4	☹
TC630-UNF8-A0F-	UNF #8-36	36	3,25	2,12	12,85	57	21	6	4	☹
TC630-UNF10-A0F-	UNF #10-32	32	3,85	2,38	15,7	57	21	6	4	☹
TC630-UNF1/4-A0F-	UNF 1/4-28	28	5,25	2,72	20,45	57	22	6	4	☹
TC630-UNF5/16-A0F-	UNF 5/16-24	24	6,55	3,18	25,4	63	28	8	4	☹

Ordering example for the grade WB10TJ: TC630-UNF0-A0F-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

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

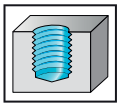
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide orbital thread mills

TC630 Supreme mm

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

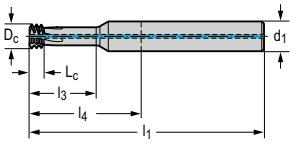
UNF
ASME B1.1



≤ 3×D_N | 15° | 48HRC | DeVibe

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

Tool



DIN 6535 HA

Designation	D_N-P	Threads per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z PCE	WB10TJ
TC630-UNF7/16-A5F-	UNF 7/16-20	20	9,4	3,81	33,98	77	37	10	5	☹
TC630-UNF9/16-A5F-	UNF 9/16-18	18	12	4,23	43,57	91	46	12	5	☹
TC630-UNF3/4-A5F-	UNF 3/4-16	16	16,6	4,76	57,95	110	62	18	6	☹

Ordering example for the grade WB10TJ: TC630-UNF3/4-A5F-WB10TJ

C3

WALTER SELECT

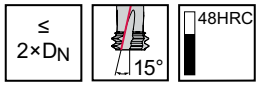
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

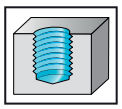
Solid carbide orbital thread mills

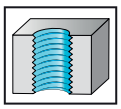
TC630 Supreme mm

– Specialist for aerospace industry
– Ideal for engine components



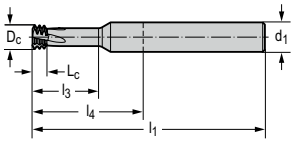
STI-UNF
NASM 33537





	P	M	K	N	S	H	O
WB10RA	●	●●	●	●	●●		●

Tool



DIN 6535 HA

Designation	D_N-P	Threads per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z PCE	WB10RA
TC630-SUNF10-A0D-	STIUNF #10-32	32	4,85	2,38	12,12	57	21	6	4	☹
TC630-SUNF1/4-A0D-	STIUNF 1/4-28	28	6,3	2,72	15,52	63	27	8	4	☹
TC630-SUNF5/16A0D-	STIUNF 5/16-24	24	7,85	3,17	19,16	63	27	8	5	☹
TC630-SUNF3/8-A0D-	STIUNF 3/8-24	24	9,35	3,17	22,33	72	32	10	5	☹

Ordering example for the grade WB10RA: TC630-SUNF1/4-A0D-WB10RA

C3

WALTER SELECT

●● Primary application ● Other application

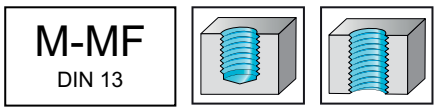
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

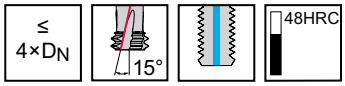
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide orbital thread mills

TC630 Supreme mm

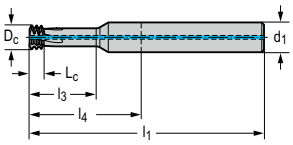
– Universal orbital thread milling cutters





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

Tool

Designation	D_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z PCE	WB10TJ
 TC630-M3-A1H-	2,3	12,25	44	16	4	4	☹

DIN 6535 HA

Ordering example for the grade WB10TJ: TC630-M3-A1H-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

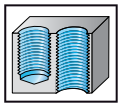
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

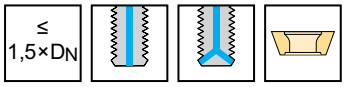
Indexable insert thread milling cutter

T2710 mm

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

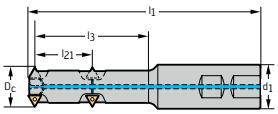
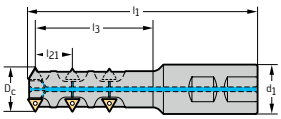
M-MF
DIN 13





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

Tool

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

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

C3

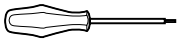
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

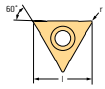
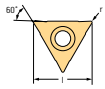
Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37G	P HC WSM37S	M HC WSM37G	M HC WSM37S	K HC WSM37G	K HC WSM37S	N HC WSM37G	N HC WSM37S	S HC WSM37G	S HC WSM37S	H HC WSM37G	H HC WSM37S
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = beschichtetes Hartmetall

C3

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

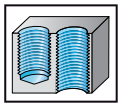
☺ ☻ ☹ / ★ = New addition to the product range

Indexable insert thread milling cutter

T2710 mm

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

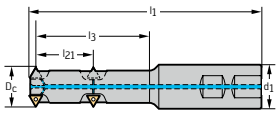
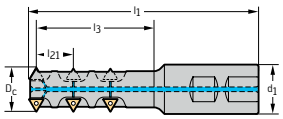
UNC/UNF
UN
ASME B1.1



≤ 1,5×D_N

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

Tool

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

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

C3

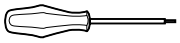
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

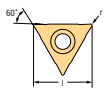
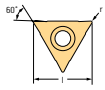
Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37G	P HC WSM37S	M HC WSM37G	M HC WSM37S	K HC WSM37G	K HC WSM37S	N HC WSM37G	N HC WSM37S	S HC WSM37G	S HC WSM37S	H HC WSM37G	H HC WSM37S
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐

HC = beschichtetes Hartmetall

C3

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

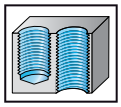
☺ 😐 ☹ / ★ = New addition to the product range

Indexable insert thread milling cutter

T2711 mm

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

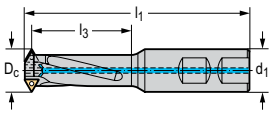
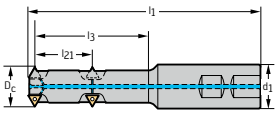
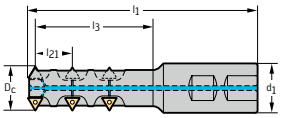
M-MF
DIN 13



≤ 2×D_N

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

Tool

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

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

C3

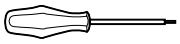
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

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

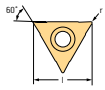
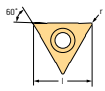
Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37G	P HC WSM37S	M HC WSM37G	M HC WSM37S	K HC WSM37G	K HC WSM37S	N HC WSM37G	N HC WSM37S	S HC WSM37G	S HC WSM37S	H HC WSM37G	H HC WSM37S
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹

HC = beschichtetes Hartmetall

C3

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

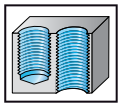
☺ ☹ ☹ / ★ = New addition to the product range

Indexable insert thread milling cutter

T2711 mm

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

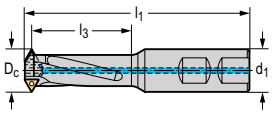
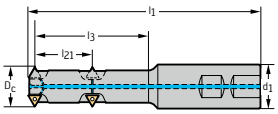
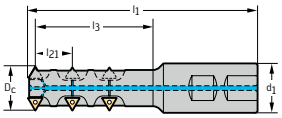
UNC/UNF
UN
ASME B1.1



≤ 2×D_N

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

Tool

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

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

C3

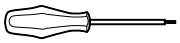
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ☺ → Moderate = ☹

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

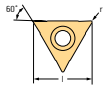
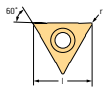
Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37G	P HC WSM37S	M HC WSM37G	M HC WSM37S	K HC WSM37G	K HC WSM37S	N HC WSM37G	N HC WSM37S	S HC WSM37G	S HC WSM37S	H HC WSM37G	H HC WSM37S
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐	😐

HC = beschichtetes Hartmetall

C3

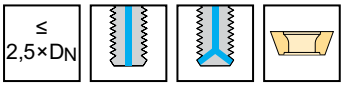
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

Indexable insert thread milling cutter

T2712 mm

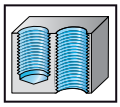
– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information



M-MF
DIN 13

UNC/UNF
UN
ASME B1.1

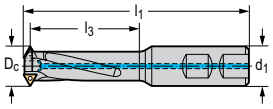
G (BSP)
DIN EN ISO 228



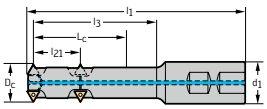
	P	M	K	N	S	H	O
T2712	●●	●●	●●	●	●●	●	●

Tool

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



DIN 1835 B



DIN 1835 B

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

C3

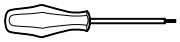
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ☺ → Moderate = ☹

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

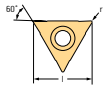
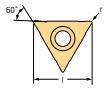
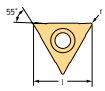
Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37G	P HC WSM37S	M HC WSM37G	M HC WSM37S	K HC WSM37G	K HC WSM37S	N HC WSM37G	N HC WSM37S	S HC WSM37G	S HC WSM37S	H HC WSM37G	H HC WSM37S
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26310-09G11-D61	09	0,2	2.30–2.3	11–11	9,34	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	P26310-14G11-D61	14	0,2	2.30–2.3	11–11	13,72	3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹

HC = beschichtetes Hartmetall

C3

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

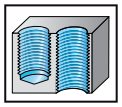
☺ ☹ ☹ / ★ = New addition to the product range

Indexable insert thread milling cutter

T2712 mm

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

UNC/UNF
UN
ASME B1.1

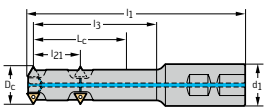


≤ 2,5×D_N

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

Tool

Designation	D_N		D_c mm	l_{21} mm	L_c mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of cutting edges	Type
T2712-26-W25-3-09-2-32.7	UNC 1 1/4-7	7	26	32,7	65,3	84	151	25	3	6	P26300-09 ..
T2712-31-W32-3-09-2-38.1	UNC 1 1/2-6	6	31	38,1	76,2	99,8	172	32	3	6	



DIN 1835 B

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

C3

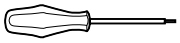
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

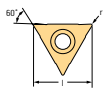
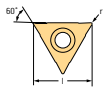
Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37G	P HC WSM37S	M HC WSM37G	M HC WSM37S	K HC WSM37G	K HC WSM37S	N HC WSM37G	N HC WSM37S	S HC WSM37G	S HC WSM37S	H HC WSM37G	H HC WSM37S
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	●	●	●	●	●	●	●	●	●	●	●	●
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	●	●	●	●	●	●	●	●	●	●	●	●
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	●	●	●	●	●	●	●	●	●	●	●	●
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	●	●	●	●	●	●	●	●	●	●	●	●

HC = beschichtetes Hartmetall

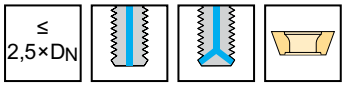
C3

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

Indexable insert thread milling cutter

T2712 mm

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

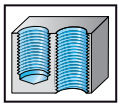


	P	M	K	N	S	H	O
T2712	●●	●●	●●	●	●●	●	●

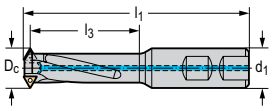
M-MF
DIN 13

UNC/UNF
UN
ASME B1.1

G (BSP)
DIN EN ISO 228



Tool



DIN 1835 B

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

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

C3

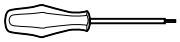
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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

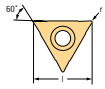
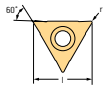
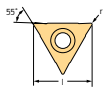
Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37G	P HC WSM37S	M HC WSM37G	M HC WSM37S	K HC WSM37G	K HC WSM37S	N HC WSM37G	N HC WSM37S	S HC WSM37G	S HC WSM37S	H HC WSM37G	H HC WSM37S
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26310-09G11-D61	09	0,2	2.30–2.3	11–11	9,34	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻
	P26310-14G11-D61	14	0,2	2.30–2.3	11–11	13,72	3	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻	☻

HC = beschichtetes Hartmetall

C3

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

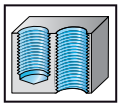
☻ ☻ ☻ / ★ = New addition to the product range

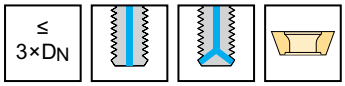
Indexable insert thread milling cutter

T2713 mm

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

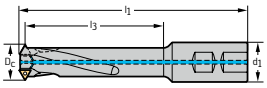
M-MF	UNC/UNF UN	G (BSP)
DIN 13	ASME B1.1	DIN EN ISO 228



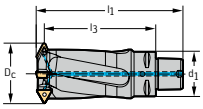


	P	M	K	N	S	H	O
T2713	●●	●●	●●	●	●●	●	●

Tool



DIN 1835 B



Walter Capto™ in acc. with ISO 26623

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

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

C3

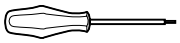
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

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

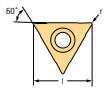
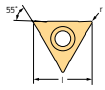
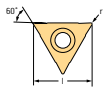
Assembly parts

	D_c [mm]	16,5–19	24–29	35	40–73	94
	Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,6 Nm	FS2111 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS1457 (T9IP) 2 Nm	FS1495 (T20IP) 5 Nm
	Torque screwdriver, digital					FS2248

Accessories

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

Indexable inserts

	Designation	Size	r mm	Pitch (P) mm	Lead (TPI) in	l mm	Number of cutting edges	P HC WSM37G	P HC WSM37S	M HC WSM37G	M HC WSM37S	K HC WSM37G	K HC WSM37S	N HC WSM37G	N HC WSM37S	S HC WSM37G	S HC WSM37S	H HC WSM37G	H HC WSM37S
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	●	●	●	●	●	●	●	●	●	●	●	●
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	●	●	●	●	●	●	●	●	●	●	●	●
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	●	●	●	●	●	●	●	●	●	●	●	●
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	●	●	●	●	●	●	●	●	●	●	●	●
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	●	●	●	●	●	●	●	●	●	●	●	●
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	●	●	●	●	●	●	●	●	●	●	●	●
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	●	●	●	●	●	●	●	●	●	●	●	●
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	●	●	●	●	●	●	●	●	●	●	●	●
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	●	●	●	●	●	●	●	●	●	●	●	●
	P26300-2204-D61	22	0,4	6.00–10.0	4–3	21,41	3	●	●	●	●	●	●	●	●	●	●	●	●
	P26310-09G11-D61	09	0,2	2.30–2.3	11–11	9,34	3	●	●	●	●	●	●	●	●	●	●	●	●
	P26310-14G11-D61	14	0,2	2.30–2.3	11–11	13,72	3	●	●	●	●	●	●	●	●	●	●	●	●
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	◐	◐	◐	◐	◐	◐	◐	◐	◐	◐	◐	◐
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	◐	◐	◐	◐	◐	◐	◐	◐	◐	◐	◐	◐
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	◐	◐	◐	◐	◐	◐	◐	◐	◐	◐	◐	◐

HC = beschichtetes Hartmetall

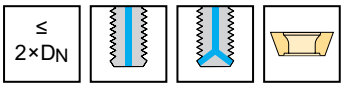
C3

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

Indexable insert thread milling cutter

T2711 / T2712 inch

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



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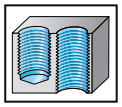
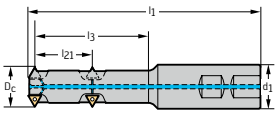
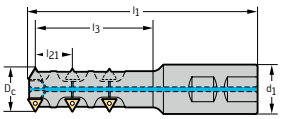
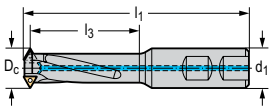


	P	M	K	N	S	H	O
T2711	●●	●●	●●	●	●●	●	●
T2712	●●	●●	●●	●	●●	●	●

Tool

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

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

C3

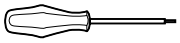
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

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

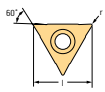
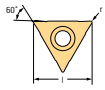
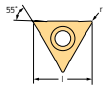
Assembly parts

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

Accessories

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

Indexable inserts

	Designation	Size	r inch	Pitch (P) inch	Lead (TPI) in	l inch	Number of cutting edges	P HC WSM37G	P HC WSM37S	M HC WSM37G	M HC WSM37S	K HC WSM37G	K HC WSM37S	N HC WSM37G	N HC WSM37S	S HC WSM37G	S HC WSM37S	H HC WSM37G	H HC WSM37S
	P26300-0601-D61	06	0,004	0,055–0,114	18–9	0,265	3	★	★	★	★	★	★	★	★	★	★	★	★
	P26300-0602-D61	06	0,008	0,118–0,126	8–8	0,259	3	★	★	★	★	★	★	★	★	★	★	★	★
	P26300-0901-D61	09	0,004	0,055–0,114	18–9	0,373	3	★	★	★	★	★	★	★	★	★	★	★	★
	P26300-0902-D61	09	0,008	0,118–0,169	8–6	0,368	3	★	★	★	★	★	★	★	★	★	★	★	★
	P26300-0601-D67	06	0,004	0,055–0,114	18–9	0,265	3	★	★	★	★	★	★	★	★	★	★	★	★
	P26300-0602-D67	06	0,008	0,118–0,126	8–8	0,259	3	★	★	★	★	★	★	★	★	★	★	★	★
	P26300-0901-D67	09	0,004	0,055–0,114	18–9	0,373	3	★	★	★	★	★	★	★	★	★	★	★	★
	P26300-0902-D67	09	0,008	0,118–0,169	8–6	0,368	3	★	★	★	★	★	★	★	★	★	★	★	★
	P26310-09G11-D61	09	0,008	0,091–0,091	11–11	0,368	3	★	★	★	★	★	★	★	★	★	★	★	★

HC = beschichtetes Hartmetall

C3

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

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

PROBLEM-SOLVER AND

A GUARANTEE OF PRODUCT PERFORMANCE.

Solid carbide milling cutters are often used when there are not enough teeth on an indexable insert milling cutter because the diameter is too small. In this case, the machining volume, and therefore the productivity, becomes too low. Solid carbide milling cutters allow for high numbers of teeth, and therefore high metal removal rates, even with small diameters.

Solid carbide milling cutters take up little space and have more precise concentricity and diameter accuracy than indexable insert solutions. This is because several components (inserts and body) have to be coordinated with each other on indexable solutions. Solid carbide milling cutters therefore offer advantages for finishing – e.g. for injection moulding, because very tight tolerances are required here.

Another argument in favour of using solid carbide milling cutters is their ability to absorb the bending moment. This is significantly higher than tools with a steel shank. Their deflection with hard materials or long overhangs is therefore lower. This increases tool life and accuracy and is ideal for deep cavities or machining beyond surface obstructions.

THE BENEFITS OF WALTER SOLID CARBIDE MILLING CUTTERS

Solid carbide milling cutters

Hard materials, deep cavities, high surface quality and more … Walter's wide range of solid carbide milling cutters is perfectly tailored to the requirements of mould and die making.

Walter solid carbide shoulder milling cutters, such as the MC388 Advance, offer you extreme performance data in hard machining, because they are specially designed for this purpose.

Walter circle segment milling cutters increase surface quality and cut the machining time by up to 90 % due to the reduced space between rows.

Versatile solid carbide ball nose end mills make it possible to machine complex 3D contours with high flexibility.

Highly productive Walter high feed milling cutters impress with the lowest residual cutting forces in roughing operations.

Exchangeable head systems such as Walter ConeFit enable simple plug and play as well as short tool indexing times.

Variable flute lengths and cutting tool materials for all ISO materials make Walter solid carbide milling cutters suitable for universal application.

The ability to regrind the solid carbide milling cutters three times in all Walter Reconditioning Centres worldwide maximises their cost efficiency.

D – Milling

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Solid carbide milling tools	Product range overview	
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Solid carbide milling tools with ConeFit interface	Product range overview	
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	High-feed milling cutter	507

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Indexable inserts for milling	Order pages	
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	High-feed milling cutter	551
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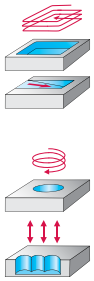
	Order pages	
	Face milling cutters	556
	High-feed milling cutter	580
	Shoulder milling cutters	592
	Slot milling cutters	624
	Copy milling cutters	628

Solid carbide milling tools



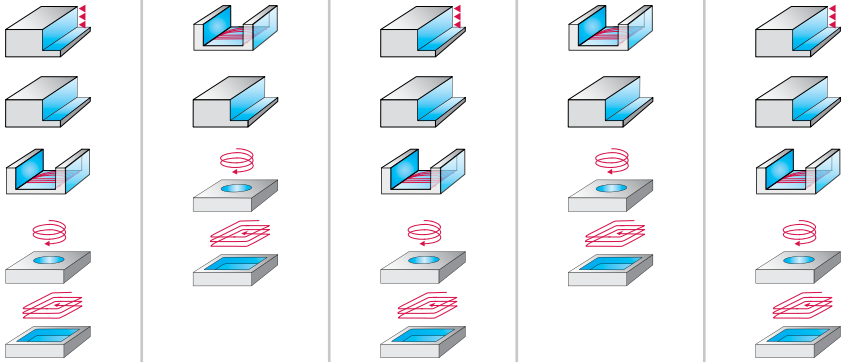
Designation	MC025 Advance	MD025 Supreme	MD025 Supreme	MC089 Advance
Diameter range	1–16	6–16	6–16	4–16
Number of teeth	2–4	5–6	5–6	4
Corner radius	0,1–2	0,5–2	0,5–2	0,5–2
Diameter range	0,125–0,625	0,250–0,625	0,250–0,625	—
Number of teeth	4	5–6	5–6	
Corner radius	0,020–0,080	0,020–0,080	0,020–0,080	
Standard	PWZ-NORM L STANDARD	PWZ-NORM L STANDARD	PWZ-NORM L STANDARD	DIN 6527 L
Coating / grade	WJ30TF	**WJ30TF**	**WJ30RD**	**WJ30RA**
Shank	DIN 6535 HA	**DIN 6535 HA**	**DIN 6535 HA**	**DIN 6535 HA**
P Steel	●●	●●		
M Stainless steel	●		●●	
K Cast iron	●	●		
N NF metals			●	
S Materials with difficult cutting properties	●		●●	
H Hard materials				●●
O Other				
Page in catalogue	421	418	418	420
QR code				
www.walter-tools.com/woc/	MC025	MD025	MD025	MC089

WALTER SELECT

●● Primary application ● Other application

D1

Solid carbide milling tools



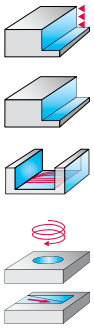
Designation	MC128 Advance	MD133 Supreme	MD128 Supreme	MD133 Supreme	MD128 Supreme
Diameter range	2–25	6–20	6–25	6–20	6–25
Number of teeth	4–8	5–6	6–8	5–6	6–8
Corner radius	0,5–4	0,3–1	0,5–4	0,3–1	0,5–4
Diameter range	0,250–0,750	0,250–0,750	—	0,250–0,750	—
Number of teeth	6–8	5–6		5–6	
Corner radius	0,015–0,250	0,015–0,030		0,015–0,030	
Standard	DIN 6527 L STANDARD	PWZ-NORM L PWZ-NORM XL	PWZ-NORM	PWZ-NORM L PWZ-NORM XL	PWZ-NORM
Coating / grade	WJ30TF	**WJ30TF**	**WJ30RD**	**WJ30RD**	**WJ30RA**
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	431	423	429	423	429
QR code					
www.walter-tools.com/woc/	MC128	MD133	MD128	MD133	MD128

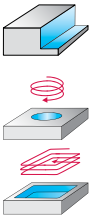
WALTER SELECT

●● Primary application ● Other application

D1

Solid carbide milling tools





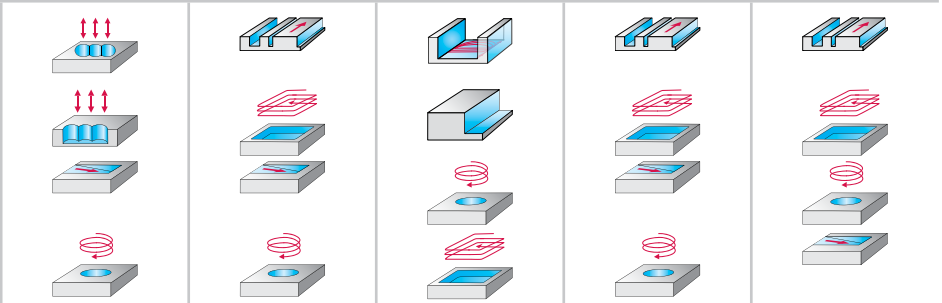
Designation	MC187 Advance	MC183 Advance
Diameter range	3–25	6–16
Number of teeth	4–8	6–16
Corner radius	0,5–3	
Diameter range	0,125–0,750	—
Number of teeth	4–8	
Corner radius	0,015–0,060	
Standard	DIN 6527 L PWZ-NORM L STANDARD	DIN 6527 L
Coating / grade	WJ30RA	WB10TG
Shank	DIN 6535 HA	DIN 6535 HA
P Steel		
M Stainless steel		
K Cast iron		
N NF metals		
S Materials with difficult cutting properties		
H Hard materials	●●	●●
O Other		
Page in catalogue	435	439
QR code		
www.walter-tools.com/woc/	MC187	MC183

WALTER SELECT

●● Primary application ● Other application

D1

Solid carbide milling tools



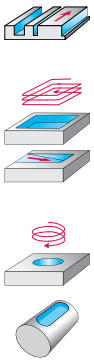
Designation	MD344 Supreme	MD340 Supreme	MC233 Advance Xill·tec®	MC232 Perform	MC230 Advance Xill·tec®
Diameter range	6–20	2–25	8–25	2–20	1–25
Number of teeth	4	3–5	4–8	2–4	2–8
Corner radius	0,3–1	0,2–4		0,2–4	0,2–4
Diameter range	—	0,063–0,750	—	0,125–0,750	—
Number of teeth		3–5		2–4	
Corner radius		0,015–0,060		0,015–0,125	
Standard	DIN 6527 L	P-NORM DIN 6527 L ANSI-STANDARD P-NORM L	P-NORM L P-NORM XL	DIN 6527 L STANDARD	DIN 6527 L P-NORM S P-NORM L DIN 6527 K P-NORM XL
Coating / grade	WK40TP	**WK40TP**	**WK40TP**	**WK40TF**	**WJ30ED**
Shank	DIN 6535 HB	**DIN 6535 HB**	**DIN 6535 HA** **DIN 6535 HB**	**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	440	441	481	483	464
QR code					
www.walter-tools.com/woc/	MD344	MD340	MC233	MC232	MC230

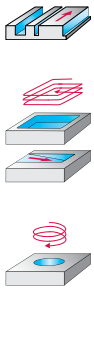
WALTER SELECT

●● Primary application ● Other application

D1

Solid carbide milling tools





Designation	Proto·max™$_{ST}$	MC388 Advance	MC281 Advance	Protostar® Ultra
Diameter range	2–20	2–12	1–4	4–16
Number of teeth	3–5	3–4	2	4
Corner radius	0,08–1	0,5–3	0,2–0,5	0,2–2
Diameter range	—	0,125–0,500	—	—
Number of teeth		3–4		
Corner radius		0,015–0,030		
Standard	PWZ-NORM DIN 6527 L	DIN 6527 L PWZ-NORM L	PWZ-NORM MINI	PWZ-NORM L
Coating / grade	**WK40TF**	**TAZ**	**WB10TG**	**WB10TG**
Shank	**DIN 6535 HA** **DIN 6535 HB**	**DIN 6535 HA** **DIN 6535 HB**	**DIN 6535 HA** **DIN 6535 HB**	**DIN 6535 HA**
P Steel	●●	●		
M Stainless steel	●			
K Cast iron				
N NF metals				
S Materials with difficult cutting properties				
H Hard materials		●●	●●	●●
O Other				
Page in catalogue	454	457	463	462
QR code				
www.walter-tools.com/woc/		MC388	MC281	protostar-ultra

WALTER SELECT

●● Primary application ● Other application

D1

Solid carbide milling tools

Designation	MC416 Advance	MC482 Advance	MC480 Advance	Proto·max™ Ultra
Diameter range	1–20	1–16	0,4–5	3–12
Number of teeth	2–4	2–4	2	2
Corner radius	0,5–10	0,5–8	0,2–2,5	1,5–6
Diameter range	0,063–0,500	—	—	—
Number of teeth	4			
Corner radius	0,031–0,250			
Standard	PWZ-NORM L STANDARD DIN 6527 L	DIN 6527 K DIN 6527 L PWZ-NORM XL	PWZ-NORM MINI	PWZ-NORM L
Coating / grade	WJ30TF	**WJ30TF**	**WB10TG**	**WB10TG**
Shank	DIN 6535 HA DIN 6535 HB	**DIN 6535 HA** **DIN 6535 HB**	**DIN 6535 HA**	**DIN 6535 HA**
P Steel	●●			
M Stainless steel	●			
K Cast iron	●			
N NF metals	●			
S Materials with difficult cutting properties	●			
H Hard materials		●●	●●	●●
O Other				
Page in catalogue	501	494	499	500
QR code				
www.walter-tools.com/woc/	MC416	MC482	MC480	protomax-ultra

WALTER SELECT

●● Primary application ● Other application

Solid carbide milling tools

Designation	MD839 Supreme	MD838 Supreme	MD839 Supreme	MD838 Supreme
Diameter range	6–16	6–16	6–16	6–16
Number of teeth	4	4–8	4	4–8
Corner radius	1–4	0,5–4	1–4	0,5–4
Diameter range	—	—	—	—
Number of teeth				
Corner radius				
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30RD	WJ30RD	WJ30RD	WJ30RA
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel	●●	●●		
M Stainless steel			●●	●●
K Cast iron	●	●		
N NF metals			●	●
S Materials with difficult cutting properties			●●	●●
H Hard materials				
O Other				
Page in catalogue	505	504	505	504
QR code				
www.walter-tools.com/woc/	MD839	MD838	MD839	MD838

WALTER SELECT

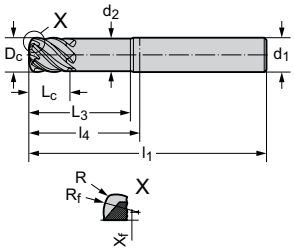
●● Primary application ● Other application

D1

Solid carbide high-feed milling cutter

MD025 Supreme mm

Tool



DIN 6535 HA

Designation	D_c h9 mm	L_c mm	x_f mm	R_f mm	R_{ers} mm	R mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RA	WJ30RD
MD025-06.0A5B050C-	6	6	1,4	3	0,755	0,5	19	57	21	6	5	☻	☻
MD025-08.0A5B100C-	8	8	1,54	4	1,379	1	25	63	27	8	5	☻	☻
MD025-10.0A5B150C-	10	10	1,7	5	1,998	1,5	30	72	32	10	5	☻	☻
MD025-12.0A6B150C-	12	12	2,25	6	2,103	1,5	36	83	38	12	6	☻	☻
MD025-16.0A6B200C-	16	16	3,1	8	2,747	2	42	92	44	16	6	☻	☻

Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WJ30RA: MD025-06.0A5B050C-WJ30RA

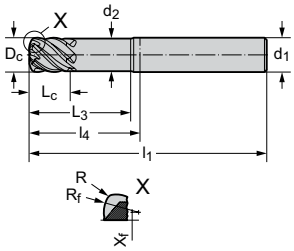
D1

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

Solid carbide high-feed milling cutter

MD025 Supreme inch

Tool



Cylindrical shank

Designation	D_c h9 inch	L_c inch	x_f inch	R_f inch	R_{ers} inch	R inch	l_3 inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30RA	WJ30RD
MD025.6.35A5D051C-	0,2500	0,250	0,051	0,146	0,032	0,020	1,000	2,500	1,083	0,250	5	☻	☻
MD025.7.94A5D102C-	0,3125	0,313	0,059	0,165	0,054	0,040	1,250	3,000	1,437	0,375	5	☻	☻
MD025.9.53A5D152C-	0,3750	0,375	0,067	0,181	0,076	0,060	1,250	3,000	1,437	0,375	5	☻	☻
MD025.12.7A6D152C-	0,5000	0,500	0,098	0,236	0,086	0,060	1,500	3,500	1,717	0,500	6	☻	☻
MD025.15.9A6D203C-	0,6250	0,625	0,118	0,315	0,110	0,080	1,500	3,500	1,594	0,625	6	☻	☻

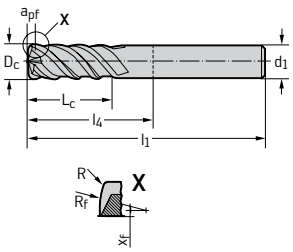
Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WJ30RA: MD025.12.7A6D152C-WJ30RA

D1

Solid carbide high-feed milling cutter

MC089 Advance mm

Tool



DIN 6535 HA

Designation	D_c h9 mm	a_{pf} mm	x_f mm	R_f mm	R_{ers} mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TG
MC089-04.0A4B050-	4	0,12	0,6	4	0,618	0,5	11	57	21	6	4	☻
MC089-05.0A4B050-	5	0,15	0,7	6	0,656	0,5	13	57	21	6	4	☻
MC089-06.0A4B050-	6	0,2	0,7	9	0,693	0,5	15	57	21	6	4	☻
MC089-08.0A4B100-	8	0,25	0,78	12	1,226	1	20	63	27	8	4	☻
MC089-10.0A4B150-	10	0,3	0,8	15	1,773	1,5	26	72	32	10	4	☻
MC089-12.0A4B150-	12	0,4	1	18	1,875	1,5	30	83	38	12	4	☻
MC089-16.0A4B200-	16	0,5	1,5	24	2,465	2	36	92	44	16	4	☻

Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WB10TG: MC089-04.0A4B050-WB10TG

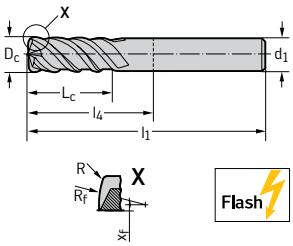
D1

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

Solid carbide high-feed milling cutter

MC025 Advance mm

Tool



DIN 6535 HA

Designation	D_c h9 mm	x_f mm	R_f mm	R_{ers} mm	R mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30TF
MC025-01.0A2B010-	1	0,2	0,6	0,142	0,1	3	57	21	6	2	●
MC025-02.0A2B020-	2	0,4	1,2	0,283	0,2	6	57	21	6	2	●
MC025-03.0A2B030-	3	0,6	1,8	0,425	0,3	7	57	21	6	2	●
MC025-04.0A4B050-	4	0,8	2	0,673	0,5	11	57	21	6	4	●
MC025-05.0A4B050-	5	1,1	2,5	0,714	0,5	13	57	21	6	4	●
MC025-06.0A4B050-	6	1,4	3	0,755	0,5	15	57	21	6	4	●
MC025-08.0A4B100-	8	1,54	4	1,379	1	20	63	27	8	4	●
MC025-10.0A4B150-	10	1,7	5	1,998	1,5	26	72	32	10	4	●
MC025-12.0A4B150-	12	2,25	6	2,103	1,5	30	83	38	12	4	●
MC025-16.0A4B200-	16	3,1	8	2,747	2	36	92	44	16	4	●

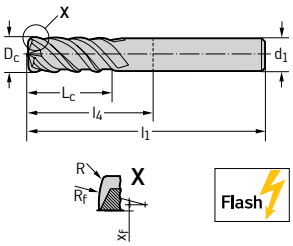
Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WJ30TF: MC025-01.0A2B010-WJ30TF

D1

Solid carbide high-feed milling cutter

MC025 Advance inch

Tool



Cylindrical shank

Designation	D_c h9 inch	x_f inch	R_f inch	R_{ers} inch	R inch	l_3 inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30TF
MC025.3.18A4D051-	0,1250	0,030	0,046	0,023	0,020	0,500	2,500	1,083	0,250	4	☻
MC025.4.76A4D051-	0,1875	0,039	0,098	0,028	0,020	0,625	2,500	1,083	0,250	4	☻
MC025.6.35A4D051-	0,2500	0,051	0,146	0,032	0,020	0,750	2,500	1,083	0,250	4	☻
MC025.7.94A4D102-	0,3125	0,059	0,165	0,054	0,040	0,813	3,000	1,437	0,375	4	☻
MC025.9.53A4D152-	0,3750	0,070	0,181	0,075	0,060	0,875	3,000	1,437	0,375	4	☻
MC025.12.7A4D152-	0,5000	0,098	0,236	0,086	0,060	1,000	3,500	1,717	0,500	4	☻
MC025.15.9A4D203-	0,6250	0,118	0,315	0,110	0,080	1,250	3,500	1,594	0,625	4	☻

Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WJ30TF: MC025.12.7A4D152-WJ30TF

D1

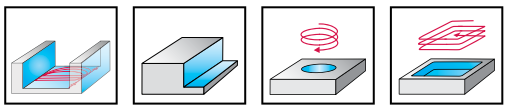
New addition to the product range = ☻ ☻ ☻ / ★

Solid carbide shoulder milling cutters

MD133 Supreme mm

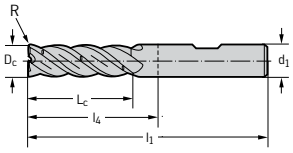
Z= 5–6 | 35° | R

– Chip breaker



	P	M	K	N	S	H	O
WJ30RA		●●		●	●		
WJ30RD	●●	●●	●	●	●		

Tool



DIN 6535 HB

Designation	D_c h10 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RA	WJ30RD
MD133-06.0W5L030J-	6	0,3	19	65	29	6	5	☺	😐
MD133-08.0W5L040J-	8	0,4	25	68	32	8	5	☺	😐
MD133-10.0W5L050J-	10	0,5	32	80	40	10	5	☺	😐
MD133-12.0W5L060J-	12	0,6	38	93	48	12	5	☺	😐
MD133-16.0W6L080J-	16	0,8	50	115	62	16	6	☺	😐
MD133-20.0W6L100J-	20	1	63	125	75	20	6	☺	😐

Shoulder milling $a_e \leq 0{,}10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0{,}03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133-06.0W5L030J-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

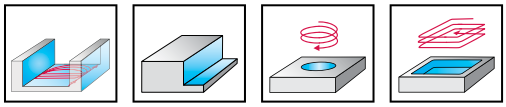
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

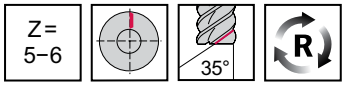
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder milling cutters

MD133 Supreme mm

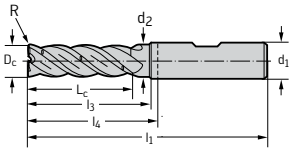
– Chip breaker
– Long reach





	P	M	K	N	S	H	O
WJ30RA		●●		●	●		
WJ30RD	●●	●●	●	●	●		

Tool



DIN 6535 HB

Designation	D_c h10 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RA	WJ30RD
MD133-06.0W5L030D-	6	0,3	19	27	5,5	65	29	6	5	☺	☺
MD133-08.0W5L040D-	8	0,4	25	30	7,5	68	32	8	5	☺	☺
MD133-10.0W5L050D-	10	0,5	32	38	9,5	80	40	10	5	☺	☺
MD133-12.0W5L060D-	12	0,6	38	46	11,4	93	48	12	5	☺	☺
MD133-16.0W6L080D-	16	0,8	50	60	15,2	115	62	16	6	☺	☺
MD133-20.0W6L100D-	20	1	63	73	19	125	75	20	6	☺	☺

Shoulder milling $a_e \leq 0{,}10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0{,}03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133-06.0W5L030D-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

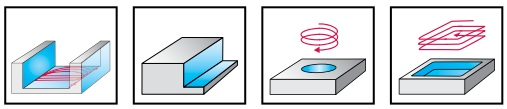
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

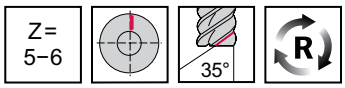
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder milling cutters

MD133 Supreme inch

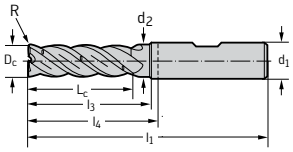
– Chip breaker
– Long reach





	P	M	K	N	S	H	O
WJ30RA		●●		●	●		
WJ30RD	●●	●●	●	●	●		

Tool



DIN 6535 HB

Designation	D_c h10	D_c h10 inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30RA	WJ30RD
MD133.6.35W5L038D-	1/4"	0,2500	0,015	0,875	1,000	0,237	3,000	1,437	0,375	5	☺	☺
MD133.9.53W5L038D-	3/8"	0,3750	0,015	1,250	1,500	0,356	3,250	1,687	0,375	5	☺	☺
MD133.12.7W5L076D-	1/2"	0,5000	0,030	1,750	2,125	0,475	4,000	2,217	0,500	5	☺	☺
MD133.15.9W6L076D-	5/8"	0,6250	0,030	2,000	2,500	0,594	4,500	2,594	0,625	6	☺	☺
MD133.19.1W6L076D-	3/4"	0,7500	0,030	2,500	3,000	0,713	5,500	3,468	0,750	6	☺	☺

Shoulder milling $a_e \leq 0{,}10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0{,}03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133.12.7W5L076D-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

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

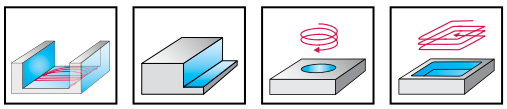
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder milling cutters

MD133 Supreme mm

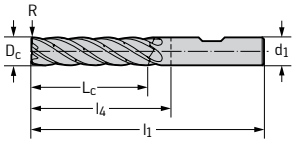
Z= 5–6 | 35° | R

– Chip breaker



	P	M	K	N	S	H	O
WJ30RA		●●		●	●		
WJ30RD	●●	●●	●	●	●		

Tool



DIN 6535 HB

Designation	D_c h10 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RA	WJ30RD
MD133-06.0W5L030K-	6	0,3	25	65	29	6	5	☺	😐
MD133-08.0W5L040K-	8	0,4	34	80	44	8	5	☺	😐
MD133-10.0W5L050K-	10	0,5	42	90	50	10	5	☺	😐
MD133-12.0W5L060K-	12	0,6	50	100	55	12	5	☺	😐
MD133-16.0W6L080K-	16	0,8	66	125	77	16	6	☺	😐
MD133-20.0W6L100K-	20	1	83	145	95	20	6	☺	😐

Shoulder milling $a_e \leq 0{,}05 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0{,}025 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133-06.0W5L030K-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

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

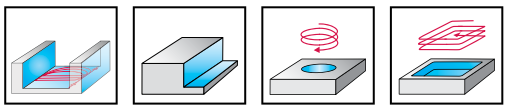
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder milling cutters

MD133 Supreme mm

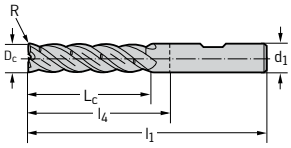
Z= 5–6 | 35° | R

– Chip breaker



	P	M	K	N	S	H	O
WJ30RA		●●		●	●		
WJ30RD	●●	●●	●	●	●		

Tool



DIN 6535 HB

Designation	D_c h10 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RA	WJ30RD
MD133-06.0W5X030L-	6	0,3	31	80	40	6	5	☺	😐
MD133-08.0W5X040L-	8	0,4	41	87	51	8	5	☺	😐
MD133-10.0W5X050L-	10	0,5	52	100	60	10	5	☺	😐
MD133-12.0W5X060L-	12	0,6	62	116	71	12	5	☺	😐
MD133-16.0W6X080L-	16	0,8	82	141	93	16	6	☺	😐
MD133-20.0W6X100L-	20	1	103	165	115	20	6	☺	😐

Shoulder milling $a_e \leq 0{,}03 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0{,}015 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133-06.0W5X030L-WJ30RA

D1

WALTER SELECT

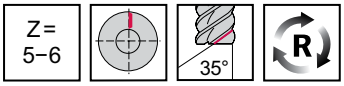
●● Primary application ● Other application

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

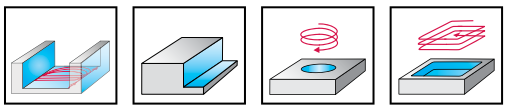
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder milling cutters

MD133 Supreme inch

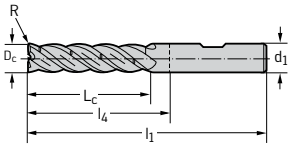


– Chip breaker



	P	M	K	N	S	H	O
WJ30RA		●●		●	●		
WJ30RD	●●	●●	●	●	●		

Tool



DIN 6535 HB

Designation	D_c h10	D_c h10 inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30RA	WJ30RD
MD133.6.35W5X038L-	1/4"	0,2500	0,015	1,375	3,500	1,937	0,375	5	☺	😐
MD133.9.53W5X038L-	3/8"	0,3750	0,015	2,000	4,000	2,437	0,375	5	☺	😐
MD133.12.7W5X076L-	1/2"	0,5000	0,030	2,750	5,000	3,217	0,500	5	☺	😐
MD133.15.9W6X076L-	5/8"	0,6250	0,030	3,250	5,500	3,594	0,625	6	☺	😐
MD133.19.1W6X076L-	3/4"	0,7500	0,030	3,875	6,500	4,468	0,750	6	☺	😐

Shoulder milling $a_e \leq 0{,}03 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0{,}015 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133.12.7W5X076L-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

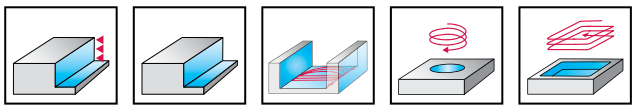
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

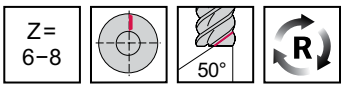
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder milling cutters

MD128 Supreme mm

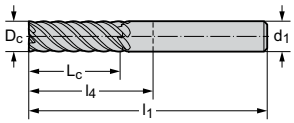
– Type N 50





	P	M	K	N	S	H	O
WJ30RA		●●			●●		
WJ30RD	●●	●●	●		●●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RA	WJ30RD
MD128-06.0A6LJ-	6	18	65	29	6	6	☺	😐
MD128-08.0A6LJ-	8	24	68	32	8	6	☺	😐
MD128-10.0A6LJ-	10	30	80	40	10	6	☺	😐
MD128-12.0A6LJ-	12	36	93	48	12	6	☺	😐
MD128-16.0A6LJ-	16	48	115	67	16	6	☺	😐
MD128-20.0A8LJ-	20	60	125	75	20	8	☺	😐
MD128-25.0A8LJ-	25	75	150	94	25	8	☺	😐

Shoulder milling $a_e \leq 0{,}05 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0{,}03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD128-06.0A6LJ-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

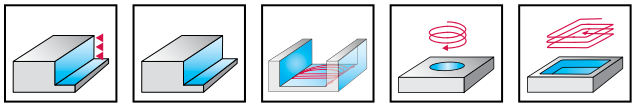
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

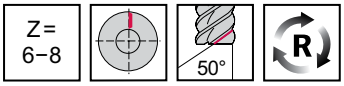
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder milling cutters

MD128 Supreme mm

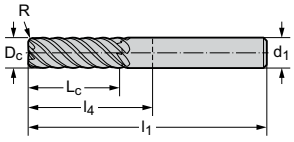
– Type N 50





	P	M	K	N	S	H	O
WJ30RA		●●			●●		
WJ30RD	●●	●●	●		●●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RA	WJ30RD
MD128-06.0A6L050J-	6	0,5	18	65	29	6	6	☺	😐
MD128-08.0A6L050J-	8	0,5	24	68	32	8	6	☺	😐
MD128-10.0A6L050J-	10	0,5	30	80	40	10	6	☺	😐
MD128-10.0A6L100J-	10	1	30	80	40	10	6	☺	😐
MD128-12.0A6L050J-	12	0,5	36	93	48	12	6	☺	😐
MD128-12.0A6L100J-	12	1	36	93	48	12	6	☺	😐
MD128-12.0A6L200J-	12	2	36	93	48	12	6	☺	😐
MD128-16.0A6L050J-	16	0,5	48	115	67	16	6	☺	😐
MD128-16.0A6L100J-	16	1	48	115	67	16	6	☺	😐
MD128-16.0A6L200J-	16	2	48	115	67	16	6	☺	😐
MD128-20.0A8L100J-	20	1	60	125	75	20	8	☺	😐
MD128-20.0A8L400J-	20	4	60	125	75	20	8	☺	😐
MD128-25.0A8L100J-	25	1	75	150	94	25	8	☺	😐
MD128-25.0A8L400J-	25	4	75	150	94	25	8	☺	😐

Shoulder milling $a_e \leq 0{,}05 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0{,}03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD128-06.0A6L050J-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

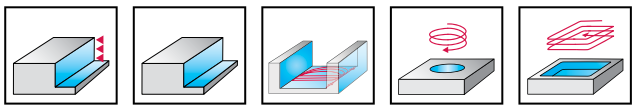
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

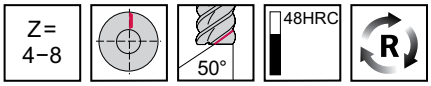
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder milling cutters

MC128 Advance mm

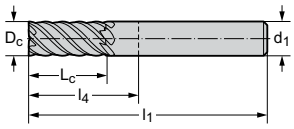
– Type N 50





	P	M	K	N	S	H	O
WJ30TF	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30TF
MC128-02.0A4B-	2	7	57	21	6	4	☺
MC128-03.0A4B-	3	8	57	21	6	4	☺
MC128-04.0A4B-	4	11	57	21	6	4	☺
MC128-05.0A5B-	5	13	57	21	6	5	☺
MC128-06.0A6B-	6	13	57	21	6	6	☺
MC128-08.0A6B-	8	19	63	27	8	6	☺
MC128-10.0A6B-	10	22	72	32	10	6	☺
MC128-12.0A6B-	12	26	83	38	12	6	☺
MC128-16.0A6B-	16	32	92	44	16	6	☺
MC128-20.0A8B-	20	38	104	54	20	8	☺
MC128-25.0A8B-	25	45	121	65	25	8	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WJ30TF: MC128-02.0A4B-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

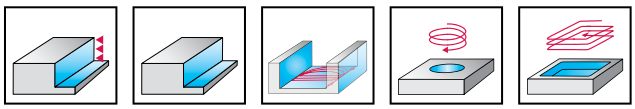
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

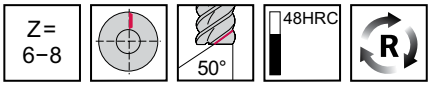
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder milling cutters

MC128 Advance mm

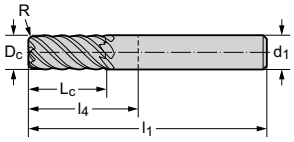
– Type N 50





	P	M	K	N	S	H	O
WJ30TF	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30TF
MC128-06.0A6B050-	6	0,5	13	57	21	6	6	
MC128-08.0A6B050-	8	0,5	19	63	27	8	6	
MC128-08.0A6B100-	8	1	19	63	27	8	6	
MC128-10.0A6B050-	10	0,5	22	72	32	10	6	
MC128-10.0A6B100-	10	1	22	72	32	10	6	
MC128-10.0A6B200-	10	2	22	72	32	10	6	
MC128-12.0A6B050-	12	0,5	26	83	38	12	6	
MC128-12.0A6B100-	12	1	26	83	38	12	6	
MC128-12.0A6B200-	12	2	26	83	38	12	6	
MC128-12.0A6B300-	12	3	26	83	38	12	6	
MC128-16.0A6B050-	16	0,5	32	92	44	16	6	
MC128-16.0A6B100-	16	1	32	92	44	16	6	
MC128-16.0A6B200-	16	2	32	92	44	16	6	
MC128-16.0A6B300-	16	3	32	92	44	16	6	
MC128-20.0A8B100-	20	1	38	104	54	20	8	
MC128-20.0A8B200-	20	2	38	104	54	20	8	
MC128-20.0A8B300-	20	3	38	104	54	20	8	
MC128-20.0A8B400-	20	4	38	104	54	20	8	

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WJ30TF: MC128-06.0A6B050-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

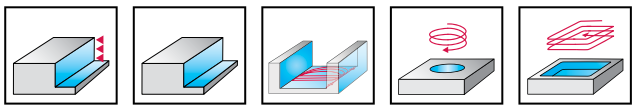
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

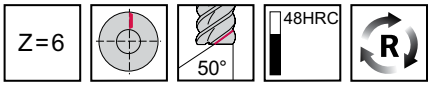
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder milling cutters

MC128 Advance inch

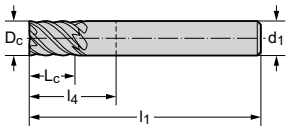
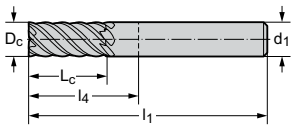
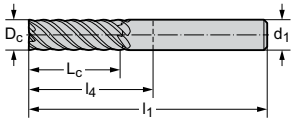
– Type N 50





	P	M	K	N	S	H	O
WJ30TF	●●	●	●		●		

Tool

	Designation	D_c h10 inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30TF
 Cylindrical shank	MC128.6.35A6C-	0,2500	0,500	2,500	1,083	0,250	6	☺
	MC128.9.53A6C-	0,3750	0,500	2,500	0,937	0,375	6	☺
 Cylindrical shank	MC128.9.53A6D-	0,3750	1,000	3,000	1,437	0,375	6	☺
	MC128.12.7A6D-	0,5000	1,250	3,500	1,717	0,500	6	☺
	MC128.12.7A6DI-	0,5000	1,000	3,500	1,717	0,500	6	☺
	MC128.15.9A6D-	0,6250	1,625	4,000	2,094	0,625	6	☺
	MC128.15.9A6DI-	0,6250	1,250	4,000	2,094	0,625	6	☺
	MC128.19.1A8D-	0,7500	1,625	4,500	2,468	0,750	8	☺
 Cylindrical shank	MC128.6.35A6L-	0,2500	1,000	3,000	1,583	0,250	6	☺
	MC128.19.1A8L-	0,7500	2,250	5,000	2,968	0,750	8	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WJ30TF: MC128.6.35A6C-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

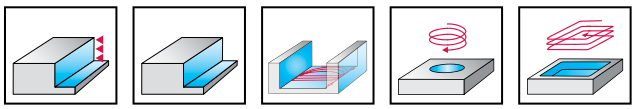
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

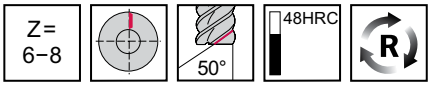
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder milling cutters

MC128 Advance inch

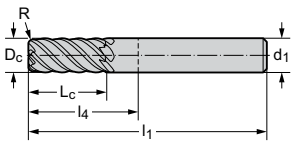
– Type N 50





	P	M	K	N	S	H	O
WJ30TF	●●	●	●		●		

Tool



Cylindrical shank

Designation	D_c h9 inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30TF
MC128.6.35A6D038-	0,2500	0,015	0,625	2,500	1,083	0,250	6	☺
MC128.6.35A6D076-	0,2500	0,030	0,625	2,500	1,083	0,250	6	☺
MC128.9.53A6D038-	0,3750	0,015	1,000	3,000	1,437	0,375	6	☺
MC128.9.53A6D076-	0,3750	0,030	1,000	3,000	1,437	0,375	6	☺
MC128.12.7A6D076-	0,5000	0,030	1,250	3,500	1,717	0,500	6	☺
MC128.12.7A6D152-	0,5000	0,060	1,250	3,500	1,717	0,500	6	☺
MC128.12.7A6D228-	0,5000	0,090	1,250	3,500	1,717	0,500	6	☺
MC128.12.7A6D318-	0,5000	0,125	1,250	3,500	1,717	0,500	6	☺
MC128.15.9A6D076-	0,6250	0,030	1,625	4,000	2,094	0,625	6	☺
MC128.15.9A6D152-	0,6250	0,060	1,625	4,000	2,094	0,625	6	☺
MC128.19.1A8D076-	0,7500	0,030	1,750	4,500	2,468	0,750	8	☺
MC128.19.1A8D318-	0,7500	0,125	1,750	4,500	2,468	0,750	8	☺
MC128.19.1A8D635-	0,7500	0,250	1,750	4,500	2,468	0,750	8	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WJ30TF: MC128.12.7A6D076-WJ30TF

D1

WALTER SELECT

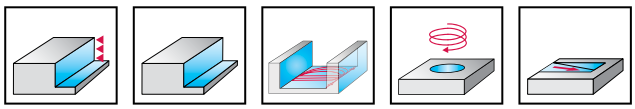
●● Primary application ● Other application

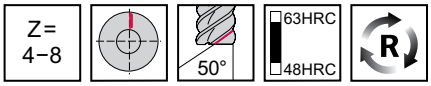
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide shoulder milling cutters

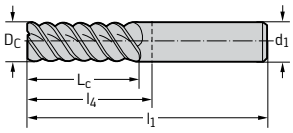
MC187 Advance mm





	P	M	K	N	S	H	O
WB10TG						●●	

Tool



DIN 6535 HA

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TG
MC187-03.0A4B-	3	8	57	21	6	4	☺
MC187-04.0A4B-	4	11	57	21	6	4	☺
MC187-05.0A4B-	5	13	57	21	6	4	☺
MC187-06.0A6B-	6	13	57	21	6	6	☺
MC187-08.0A6B-	8	19	63	27	8	6	☺
MC187-10.0A6B-	10	22	72	32	10	6	☺
MC187-12.0A6B-	12	26	83	38	12	6	☺
MC187-16.0A6B-	16	32	92	44	16	6	☺
MC187-20.0A8B-	20	38	104	54	20	8	☺
MC187-25.0A8B-	25	45	121	65	25	8	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WB10TG: MC187-03.0A4B-WB10TG

D1

WALTER SELECT

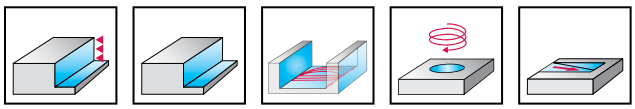
●● Primary application ● Other application

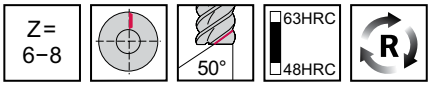
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide shoulder milling cutters

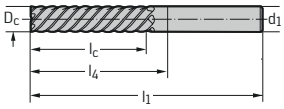
MC187 Advance mm





	P	M	K	N	S	H	O
WB10TG					●	●●	

Tool



DIN 6535 HA

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TG
MC187-06.0A6L-	6	26	75	34	6	6	☻
MC187-08.0A6L-	8	36	80	44	8	6	☻
MC187-10.0A6L-	10	46	100	60	10	6	☻
MC187-12.0A6L-	12	55	110	65	12	6	☻
MC187-16.0A6L-	16	66	130	82	16	6	☻
MC187-20.0A8L-	20	80	145	95	20	8	☻
MC187-25.0A8L-	25	90	153	97	25	8	☻

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WB10TG: MC187-06.0A6L-WB10TG

D1

WALTER SELECT

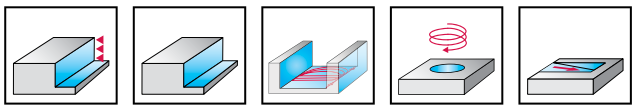
●● Primary application ● Other application

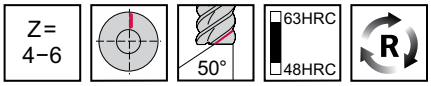
Best tool for ➔ Good = ☻ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

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

Solid carbide shoulder milling cutters

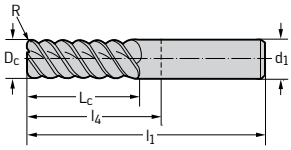
MC187 Advance mm





	P	M	K	N	S	H	O
WB10TG					●	●●	

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TG
MC187-03.0A4B050-	3	0,5	8	57	21	6	4	☺
MC187-04.0A4B050-	4	0,5	11	57	21	6	4	☺
MC187-04.0A4B100-	4	1	11	57	21	6	4	☺
MC187-05.0A6B050-	5	0,5	13	57	21	6	6	☺
MC187-05.0A6B100-	5	1	13	57	21	6	6	☺
MC187-06.0A6B050-	6	0,5	13	57	21	6	6	☺
MC187-06.0A6B100-	6	1	13	57	21	6	6	☺
MC187-08.0A6B050-	8	0,5	19	63	27	8	6	☺
MC187-08.0A6B100-	8	1	19	63	27	8	6	☺
MC187-08.0A6B200-	8	2	19	63	27	8	6	☺
MC187-10.0A6B050-	10	0,5	22	72	32	10	6	☺
MC187-10.0A6B100-	10	1	22	72	32	10	6	☺
MC187-10.0A6B200-	10	2	22	72	32	10	6	☺
MC187-12.0A6B050-	12	0,5	26	83	38	12	6	☺
MC187-12.0A6B100-	12	1	26	83	38	12	6	☺
MC187-12.0A6B200-	12	2	26	83	38	12	6	☺
MC187-12.0A6B300-	12	3	26	83	38	12	6	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WB10TG: MC187-03.0A4B050-WB10TG

D1

WALTER SELECT

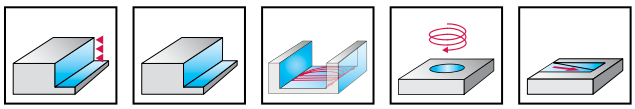
●● Primary application ● Other application

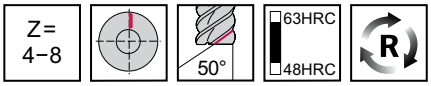
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide shoulder milling cutters

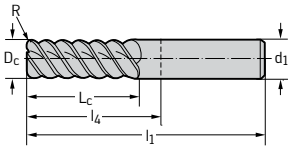
MC187 Advance inch





	P	M	K	N	S	H	O
WB10TG					●	●●	

Tool



Cylindrical shank

Designation	D_c h9	D_c h9 inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h5 inch	Z	WB10TG
MC187.3.18A4D038-	1/8"	0,1250	0,015	0,500	2,500	1,083	0,250	4	☻
MC187.4.76A4D038-	3/16"	0,1875	0,015	0,625	2,500	1,083	0,250	4	☻
MC187.6.35A6D038-	1/4"	0,2500	0,015	0,750	3,000	1,583	0,250	6	☻
MC187.7.94A6D051-	5/16"	0,3125	0,020	0,812	3,000	1,437	0,375	6	☻
MC187.9.53A6D076-	3/8"	0,3750	0,030	0,875	3,000	1,437	0,375	6	☻
MC187.12.7A6D076-	1/2"	0,5000	0,030	1,000	4,500	2,717	0,500	6	☻
MC187.15.9A6D152-	5/8"	0,6250	0,060	1,250	5,000	3,094	0,625	6	☻
MC187.19.1A8D152-	3/4"	0,7500	0,060	1,500	5,000	2,968	0,750	8	☻

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WB10TG: MC187.12.7A6D076-WB10TG

D1

WALTER SELECT

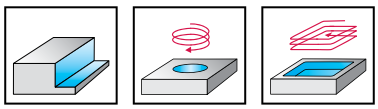
●● Primary application ● Other application

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

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

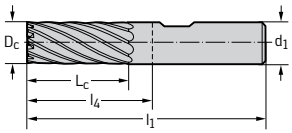
Solid carbide shoulder milling cutters

MC183 Advance mm



	P	M	K	N	S	H	O
WB10TG						●●	

Tool



DIN 6535 HB

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TG
MC183-06.0W6B-	6	13	57	21	6	6	☺
MC183-08.0W8B-	8	19	63	27	8	8	☺
MC183-10.0W10B-	10	22	72	32	10	10	☺
MC183-12.0W12B-	12	26	83	38	12	12	☺
MC183-16.0W16B-	16	32	92	44	16	16	☺

Shoulder milling $a_e \leq 0.05 \times D_c$ | Ordering example for the grade WB10TG: MC183-06.0W6B-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

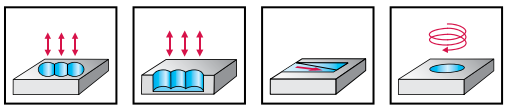
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

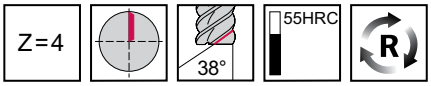
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide plunge milling cutter

MD344 Supreme mm

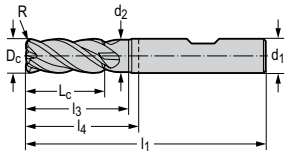
– Long reach





	P	M	K	N	S	H	O
WK40TP	●●	●	●		●		

Tool



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
MD344-06.0W4B030C-	6	0,3	13	19	5,7	57	21	6	4	☺
MD344-08.0W4B040C-	8	0,4	19	25	7,6	63	27	8	4	☺
MD344-10.0W4B050C-	10	0,5	22	30	9,5	72	32	10	4	☺
MD344-12.0W4B060C-	12	0,6	26	36	11,4	83	38	12	4	☺
MD344-16.0W4B080C-	16	0,8	32	42	15,2	92	44	16	4	☺
MD344-20.0W4B100C-	20	1	38	52	19	104	54	20	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 WK40TP: MD344-06.0W4B030C-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

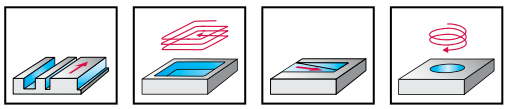
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide shoulder/slot milling cutters

MD340 Supreme mm

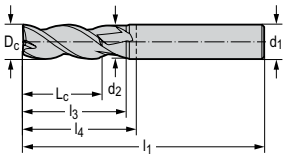
– Long reach



	P	M	K	N	S	H	O
WK40TP	●●	●	●		●		

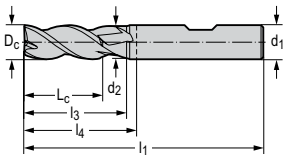
Tool

Designation	D_c h9 mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
MD340-02.0A3PC-	2	5	8	1,9	57	21	6	3	
MD340-03.0A3PC-	3	7	11	2,9	57	21	6	3	
MD340-04.0A3PC-	4	9	15	3,8	57	21	6	3	
MD340-05.0A3PC-	5	11	16	4,8	57	21	6	3	
MD340-06.0A3PC-	6	13	19	5,7	57	21	6	3	
MD340-08.0A3PC-	8	18	25	7,6	63	27	8	3	
MD340-10.0A3PC-	10	22	30	9,5	72	32	10	3	
MD340-12.0A3PC-	12	26	36	11,4	83	38	12	3	
MD340-16.0A3PC-	16	34	42	15,2	92	44	16	3	
MD340-20.0A3PC-	20	42	52	19	104	54	20	3	



DIN 6535 HA

Designation	D_c h9 mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
MD340-10.0W3PC-	10	22	30	9,5	72	32	10	3	
MD340-12.0W3PC-	12	26	36	11,4	83	38	12	3	
MD340-16.0W3PC-	16	34	42	15,2	92	44	16	3	
MD340-20.0W3PC-	20	42	52	19	104	54	20	3	



DIN 6535 HB

Slot milling $a_p \leq 2.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340-02.0A3PC-WK40TP

D1

WALTER SELECT

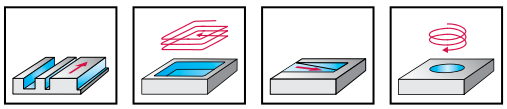
●● Primary application ● Other application

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

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

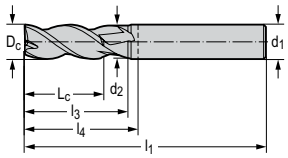
Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



	P	M	K	N	S	H	O
WK40TP	●●		●				

Tool



Cylindrical shank

Designation	D_c h9	D_c h9 inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 h5 inch	Z	WK40TP
MD340.1.58A3PC-	1/16"	0,0625	0,164	0,246	0,059	2,000	0,583	0,250	3	☺
MD340.2.38A3PC-	3/32"	0,0937	0,227	0,34	0,090	2,500	1,083	0,250	3	☺
MD340.3.18A3PC-	1/8"	0,1250	0,289	0,434	0,119	2,500	1,083	0,250	3	☺
MD340.4.76A3PC-	3/16"	0,1875	0,414	0,622	0,178	2,500	1,083	0,250	3	☺
MD340.6.35A3PC-	1/4"	0,2500	0,539	0,809	0,238	3,000	1,437	0,375	3	☺
MD340.7.93A3PC-	5/16"	0,3125	0,664	0,996	0,297	3,000	1,437	0,375	3	☺
MD340.9.53A3PC-	3/8"	0,3750	0,829	1,243	0,356	3,000	1,437	0,375	3	☺
MD340.11.1A3PC-	7/16"	0,4375	0,954	1,43	0,416	3,500	1,717	0,500	3	☺
MD340.12.7A3PC-	1/2"	0,5000	1,079	1,43	0,475	3,500	1,717	0,500	3	☺
MD340.15.9A3PC-	5/8"	0,6250	1,329	1,535	0,594	3,500	1,594	0,625	3	☺
MD340.19.1A3PC-	3/4"	0,7500	1,579	1,890	0,713	4,000	1,969	0,750	3	☺

Slot milling $a_p \leq 2.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340.1.58A3PC-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

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

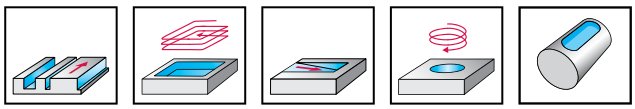
New addition to the product range = ☺ 😐 ☹ / ★

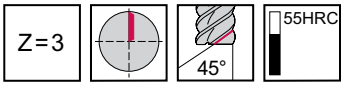
Solid carbide shoulder/slot milling cutters

H4036217 mm

Proto·max™ST

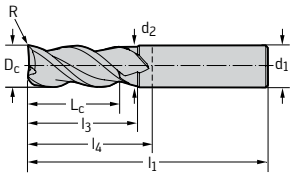
– Long reach





	P	M	K	N	S	H	O
TAZ	●●	●					

Tool



DIN 6535 HA

Designation	D_c e8 mm	Z
H4036217-2	2	3
H4036217-4	4	3
H4036217-5	5	3
H4036217-6	6	3
H4036217-8	8	3
H4036217-10	10	3
H4036217-12	12	3
H4036217-16	16	3
H4036217-20	20	3

Slot milling $a_p \leq 2.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

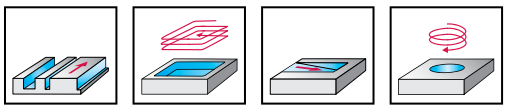
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide shoulder/slot milling cutters

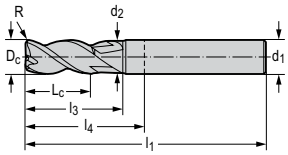
MD340 Supreme inch

– Long reach



	P	M	K	N	S	H	O
WK40TP	●●	●	●		●		

Tool



Cylindrical shank

Designation	D_c h9	D_c h9 inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 h5 inch	Z	WK40TP
MD340.6.35A3P038C-	1/4"	0,2500	0,015	0,539	0,809	0,238	3,000	1,437	0,375	3	
MD340.6.35A3P076C-	1/4"	0,2500	0,030	0,539	0,809	0,238	3,000	1,437	0,375	3	
MD340.9.53A3P038C-	3/8"	0,3750	0,015	0,829	1,243	0,356	3,000	1,437	0,375	3	
MD340.9.53A3P076C-	3/8"	0,3750	0,030	0,829	1,243	0,356	3,000	1,437	0,375	3	
MD340.12.7A3P076C-	1/2"	0,5000	0,030	0,954	1,43	0,475	3,500	1,717	0,500	3	
MD340.12.7A3P152C-	1/2"	0,5000	0,060	0,954	1,43	0,475	3,500	1,717	0,500	3	
MD340.19.1A3P076C-	3/4"	0,7500	0,030	1,579	1,890	0,713	4,000	1,969	0,750	3	
MD340.19.1A3P152C-	3/4"	0,7500	0,060	1,579	1,890	0,713	4,000	1,969	0,750	3	

Slot milling $a_p \leq 2.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340.12.7A3P076C-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

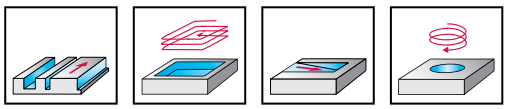
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide shoulder/slot milling cutters

MD340 Supreme mm

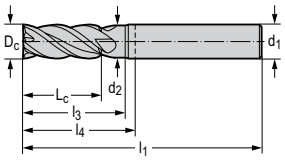
– Long reach



	P	M	K	N	S	H	O
WK40TP	●●	●	●		●		

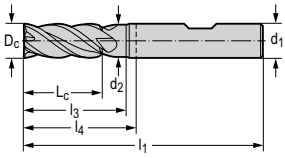
Tool

Designation	D_c h9 mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
MD340-03.0A4BC-	3	5	9	2,9	57	21	6	4	☺
MD340-04.0A4BC-	4	7	11	3,8	57	21	6	4	☺
MD340-05.0A4BC-	5	8	14	4,8	57	21	6	4	☺
MD340-06.0A4BC-	6	10	16	5,7	57	21	6	4	☺
MD340-08.0A4BC-	8	19	25	7,6	63	27	8	4	☺
MD340-10.0A4BC-	10	22	30	9,5	72	32	10	4	☺
MD340-12.0A4BC-	12	26	36	11,4	83	38	12	4	☺
MD340-14.0A4BC-	14	26	36	13,3	83	38	14	4	☺
MD340-16.0A4BC-	16	32	42	15,2	92	44	16	4	☺
MD340-18.0A4BC-	18	32	42	17,1	92	44	18	4	☺
MD340-20.0A4BC-	20	38	52	19	104	54	20	4	☺



DIN 6535 HA

Designation	D_c h9 mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
MD340-10.0W4BC-	10	22	30	9,5	72	32	10	4	☺
MD340-12.0W4BC-	12	26	36	11,4	83	38	12	4	☺
MD340-14.0W4BC-	14	26	36	13,3	83	38	14	4	☺
MD340-16.0W4BC-	16	32	42	15,2	92	44	16	4	☺
MD340-18.0W4BC-	18	32	42	17,1	92	44	18	4	☺
MD340-20.0W4BC-	20	38	52	19	104	54	20	4	☺



DIN 6535 HB

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 WK40TP: MD340-03.0A4BC-WK40TP

D1

WALTER SELECT

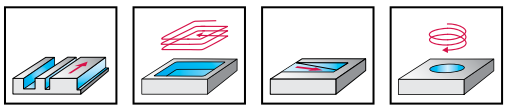
●● Primary application ● Other application

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

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

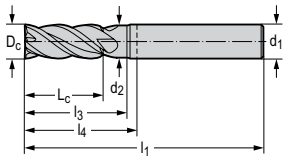
Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



	P	M	K	N	S	H	O
WK40TP	●●	●	●		●		

Tool



Cylindrical shank

Designation	D_c h9	D_c h9 inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 h5 inch	Z	WK40TP
MD340.6.35A4DC-	1/4"	0,2500	0,405	0,607	0,238	3,000	1,437	0,375	4	☺
MD340.7.93A4DC-	5/16"	0,3125	0,506	0,759	0,297	3,000	1,437	0,375	4	☺
MD340.9.53A4DC-	3/8"	0,3750	0,608	0,911	0,356	3,000	1,437	0,375	4	☺
MD340.12.7A4DC-	1/2"	0,5000	0,810	1,215	0,475	3,500	1,717	0,500	4	☺
MD340.15.9A4DC-	5/8"	0,6250	1,013	1,519	0,594	3,500	1,594	0,625	4	☺
MD340.19.1A4DC-	3/4"	0,7500	1,215	1,822	0,713	4,000	1,969	0,750	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 WK40TP: MD340.12.7A4DC-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

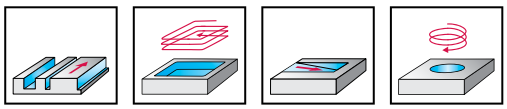
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide shoulder/slot milling cutters

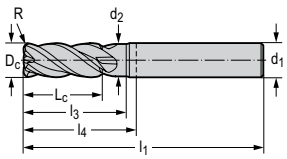
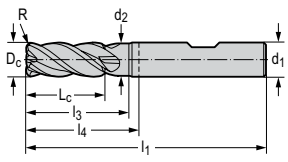
MD340 Supreme mm

– Long reach



	P	M	K	N	S	H	O
WK40TP	●●	●	●		●		

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 h5 mm	Z	WK40TP
 DIN 6535 HA										
MD340-03.0A4B020C-	3	0,2	5	9	2,9	57	21	6	4	☺
MD340-03.0A4B050C-	3	0,5	5	9	2,9	57	21	6	4	☺
MD340-04.0A4B020C-	4	0,2	7	11	3,8	57	21	6	4	☺
MD340-04.0A4B050C-	4	0,5	7	11	3,8	57	21	6	4	☺
MD340-05.0A4B050C-	5	0,5	8	14	4,8	57	21	6	4	☺
MD340-05.0A4B100C-	5	1	8	14	4,8	57	21	6	4	☺
MD340-06.0A4B050C-	6	0,5	10	16	5,7	57	21	6	4	☺
MD340-06.0A4B100C-	6	1	10	16	5,7	57	21	6	4	☺
MD340-08.0A4B050C-	8	0,5	19	25	7,6	63	27	8	4	☺
MD340-08.0A4B100C-	8	1	19	25	7,6	63	27	8	4	☺
MD340-08.0A4B200C-	8	2	19	25	7,6	63	27	8	4	☺
MD340-10.0A4B050C-	10	0,5	22	30	9,5	72	32	10	4	☺
MD340-10.0A4B100C-	10	1	22	30	9,5	72	32	10	4	☺
MD340-10.0A4B200C-	10	2	22	30	9,5	72	32	10	4	☺
MD340-12.0A4B050C-	12	0,5	26	36	11,4	83	38	12	4	☺
MD340-12.0A4B100C-	12	1	26	36	11,4	83	38	12	4	☺
MD340-12.0A4B200C-	12	2	26	36	11,4	83	38	12	4	☺
MD340-16.0A4B050C-	16	0,5	32	42	15,2	92	44	16	4	☺
MD340-16.0A4B100C-	16	1	32	42	15,2	92	44	16	4	☺
MD340-16.0A4B200C-	16	2	32	42	15,2	92	44	16	4	☺
MD340-20.0A4B100C-	20	1	38	52	19	104	54	20	4	☺
MD340-20.0A4B200C-	20	2	38	52	19	104	54	20	4	☺
MD340-20.0A4B400C-	20	4	38	52	19	104	54	20	4	☺
 DIN 6535 HB										
MD340-10.0W4B050C-	10	0,5	22	30	9,5	72	32	10	4	☺
MD340-10.0W4B100C-	10	1	22	30	9,5	72	32	10	4	☺
MD340-10.0W4B200C-	10	2	22	30	9,5	72	32	10	4	☺
MD340-12.0W4B050C-	12	0,5	26	36	11,4	83	38	12	4	☺
MD340-12.0W4B100C-	12	1	26	36	11,4	83	38	12	4	☺
MD340-12.0W4B200C-	12	2	26	36	11,4	83	38	12	4	☺
MD340-16.0W4B050C-	16	0,5	32	42	15,2	92	44	16	4	☺
MD340-16.0W4B100C-	16	1	32	42	15,2	92	44	16	4	☺
MD340-16.0W4B200C-	16	2	32	42	15,2	92	44	16	4	☺
MD340-20.0W4B100C-	20	1	38	52	19	104	54	20	4	☺
MD340-20.0W4B200C-	20	2	38	52	19	104	54	20	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 WK40TP: MD340-03.0A4B020C-WK40TP

D1

WALTER SELECT

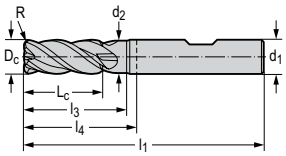
●● Primary application ● Other application

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

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

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 h5 mm	Z	WK40TP
MD340-20.0W4B400C-	20	4	38	52	19	104	54	20	4	●



DIN 6535 HB

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 WK40TP: MD340-03.0A4B020C-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

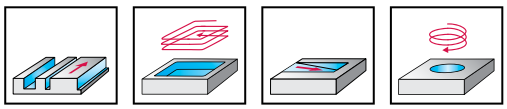
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide shoulder/slot milling cutters

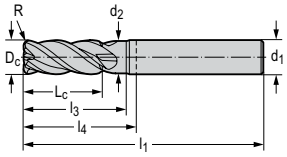
MD340 Supreme inch

– Long reach



	P	M	K	N	S	H	O
WK40TP	●●	●	●		●		

Tool



Cylindrical shank

Designation	D_c h9	D_c h9 inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 h5 inch	Z	WK40TP
MD340.6.35A4D038C-	1/4"	0,2500	0,015	0,405	0,607	0,238	3,000	1,437	0,375	4	
MD340.6.35A4D076C-	1/4"	0,2500	0,030	0,405	0,607	0,238	3,000	1,437	0,375	4	
MD340.9.53A4D038C-	3/8"	0,3750	0,015	0,608	0,911	0,356	3,000	1,437	0,375	4	
MD340.9.53A4D076C-	3/8"	0,3750	0,030	0,608	0,911	0,356	3,000	1,437	0,375	4	
MD340.12.7A4D076C-	1/2"	0,5000	0,030	0,810	1,215	0,475	3,500	1,717	0,500	4	
MD340.12.7A4D152C-	1/2"	0,5000	0,060	0,810	1,215	0,475	3,500	1,717	0,500	4	
MD340.15.9A4D076C-	5/8"	0,6250	0,030	1,013	1,519	0,594	3,500	1,594	0,625	4	
MD340.15.9A4D152C-	5/8"	0,6250	0,060	1,013	1,519	0,594	3,500	1,594	0,625	4	
MD340.19.1A4D076C-	3/4"	0,7500	0,030	1,215	1,822	0,713	4,000	1,969	0,750	4	
MD340.19.1A4D152C-	3/4"	0,7500	0,060	1,215	1,822	0,713	4,000	1,969	0,750	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 WK40TP: MD340.12.7A4D076C-WK40TP

D1

WALTER SELECT

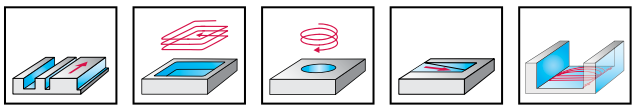
●● Primary application ● Other application

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

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

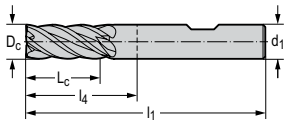
Solid carbide shoulder/slot milling cutters

MD340 Supreme mm



	P	M	K	N	S	H	O
WK40TP	●●	●	●		●		

Tool



DIN 6535 HB

Designation	D_c h9 mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
MD340-06.0W5B-	6	13	57	21	6	5	
MD340-08.0W5B-	8	19	63	27	8	5	
MD340-10.0W5B-	10	22	72	32	10	5	
MD340-12.0W5B-	12	26	83	38	12	5	
MD340-16.0W5B-	16	32	92	44	16	5	
MD340-20.0W5B-	20	38	104	54	20	5	
MD340-25.0W5B-	25	45	121	65	25	5	

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340-06.0W5B-WK40TP

D1

WALTER SELECT

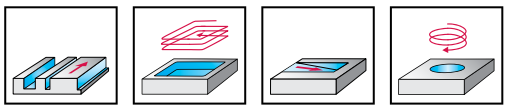
●● Primary application ● Other application

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

New addition to the product range = / ★

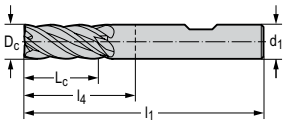
Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



	P	M	K	N	S	H	O
WK40TP	●●	●	●		●		

Tool



DIN 6535 HB

Designation	D_c h9	D_c h9 inch	L_c inch	l_1 inch	l_4 inch	d_1 h5 inch	Z	WK40TP
MD340.9.53W5D-	3/8"	0,3750	0,875	3,000	1,437	0,375	5	☺
MD340.12.7W5D-	1/2"	0,5000	1,063	3,500	1,717	0,500	5	☺
MD340.15.9W5D-	5/8"	0,6250	1,250	3,500	1,594	0,625	5	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340.12.7W5D-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

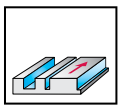
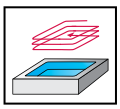
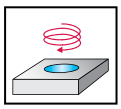
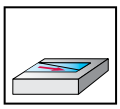
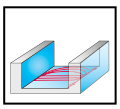
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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

Solid carbide shoulder/slot milling cutters

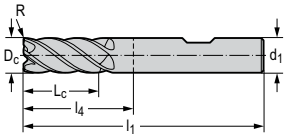
MD340 Supreme mm

– Long reach

	P	M	K	N	S	H	O
WK40TP	●●	●	●		●		

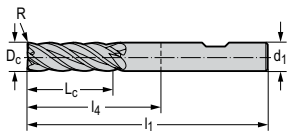
Tool



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
MD340-06.0W5B050-	6	0,5	13	57	21	6	5	☹
MD340-06.0W5B100-	6	1	13	57	21	6	5	☹
MD340-08.0W5B050-	8	0,5	19	63	27	8	5	☹
MD340-08.0W5B100-	8	1	19	63	27	8	5	☹
MD340-08.0W5B200-	8	2	19	63	27	8	5	☹
MD340-10.0W5B050-	10	0,5	22	72	32	10	5	☹
MD340-10.0W5B100-	10	1	22	72	32	10	5	☹
MD340-10.0W5B200-	10	2	22	72	32	10	5	☹
MD340-12.0W5B050-	12	0,5	26	83	38	12	5	☹
MD340-12.0W5B100-	12	1	26	83	38	12	5	☹
MD340-12.0W5B200-	12	2	26	83	38	12	5	☹
MD340-16.0W5B050-	16	0,5	32	92	44	16	5	☹
MD340-16.0W5B100-	16	1	32	92	44	16	5	☹
MD340-16.0W5B200-	16	2	32	92	44	16	5	☹

Nutfräsen $a_p \leq 1{,}0 \times D_c$ | Eckfräsen $a_e \leq 0{,}3 \times D_c$ | Eckfräsen $a_e \leq 0{,}5 \times D_a$ | Bestellbeispiel für die Sorte WK40TP: MD340-06.0W5B050-WK40TP



DIN 6535 HB

Bezeichnung	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TP
MD340-06.0W5L030J-	6	0,3	18	65	29	6	5	☹
MD340-08.0W5L040J-	8	0,4	24	80	44	8	5	☹
MD340-10.0W5L050J-	10	0,5	30	100	60	10	5	☹
MD340-12.0W5L060J-	12	0,6	36	100	55	12	5	☹
MD340-16.0W5L080J-	16	0,8	48	115	67	16	5	☹
MD340-20.0W5L100J-	20	1	60	125	75	20	5	☹

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_a$ | Ordering example for the grade WK40TP: MD340-06.0W5B050-WK40TP

D1

WALTER SELECT

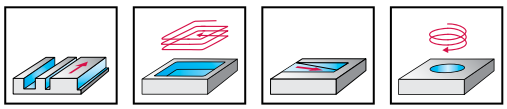
●● Primary application ● Other application

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

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

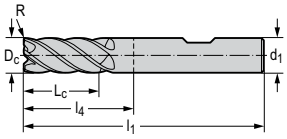
Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



	P	M	K	N	S	H	O
WK40TP	●●	●	●		●		

Tool



DIN 6535 HB

Designation	D_c h9	D_c h9 inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h5 inch	Z	WK40TP
MD340.9.53W5D076-	3/8"	0,3750	0,030	0,875	3,000	1,437	0,375	5	☺
MD340.12.7W5D076-	1/2"	0,5000	0,030	1,063	3,500	1,717	0,500	5	☺
MD340.12.7W5D152-	1/2"	0,5000	0,060	1,063	3,500	1,717	0,500	5	☺
MD340.19.1W5D076-	3/4"	0,7500	0,030	1,500	4,000	1,969	0,750	5	☺
MD340.19.1W5D152-	3/4"	0,7500	0,060	1,500	4,000	1,969	0,750	5	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340.12.7W5D076-WK40TP

D1

WALTER SELECT

●● Primary application ● Other application

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

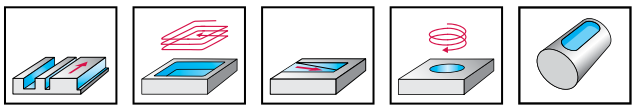
☺ 😐 ☹ / ★ = New addition to the product range

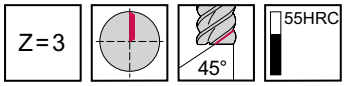
Solid carbide shoulder/slot milling cutters

H4036217 mm

Proto·max™ST

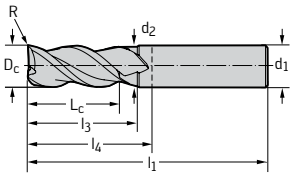
– Long reach





	P	M	K	N	S	H	O
TAZ	●●	●					

Tool



DIN 6535 HA

Designation	D_c e8 mm	Z
H4036217-2	2	3
H4036217-4	4	3
H4036217-5	5	3
H4036217-6	6	3
H4036217-8	8	3
H4036217-10	10	3
H4036217-12	12	3
H4036217-16	16	3
H4036217-20	20	3

Slot milling $a_p \leq 2.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

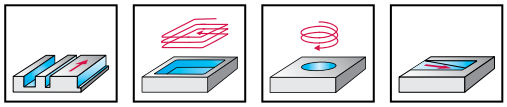
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

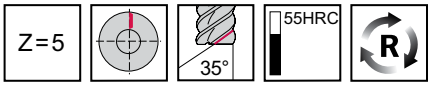
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

H4135217 mm

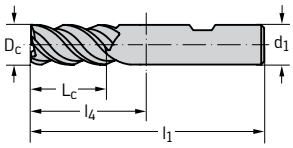
Proto·max™ST





	P	M	K	N	S	H	O
TAZ	●●	●					

Tool

Designation	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
 H4135217-12	26	83	38	12	5

DIN 6535 HB

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

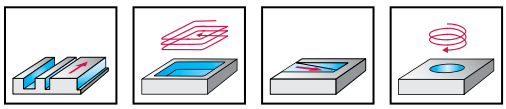
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

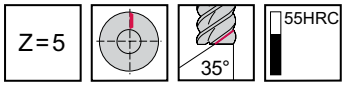
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

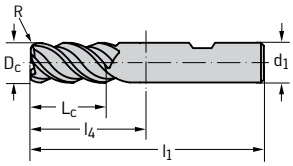
H4137217 mm

Proto·max™ ST





	P	M	K	N	S	H	O
TAZ	●●	●					

Tool	Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
	H4137217-20-1	20	1	38	104	54	20	5

DIN 6535 HB

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$

D1

WALTER SELECT

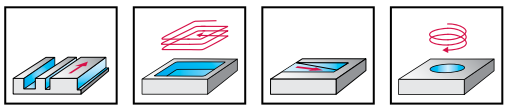
●● Primary application ● Other application

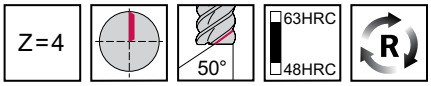
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutter

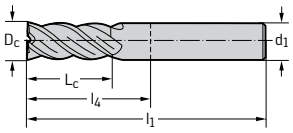
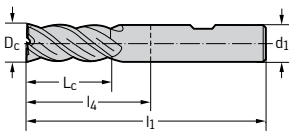
MC388 Advance mm





	P	M	K	N	S	H	O
WB10TG	●					●●	

Tool

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WB10TG
 DIN 6535 HA							
MC388-06.0A4B-	6	13	57	21	6	4	☺
MC388-08.0A4B-	8	19	63	27	8	4	☺
MC388-10.0A4B-	10	22	72	32	10	4	☺
MC388-12.0A4B-	12	26	83	38	12	4	☺
 DIN 6535 HB							
MC388-06.0W4B-	6	13	57	21	6	4	☺
MC388-08.0W4B-	8	19	63	27	8	4	☺
MC388-10.0W4B-	10	22	72	32	10	4	☺
MC388-12.0AWB-	12	26	83	38	12	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WB10TG: MC388-06.0A4B-WB10TG

D1

WALTER SELECT

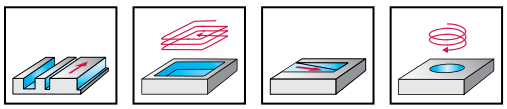
●● Primary application ● Other application

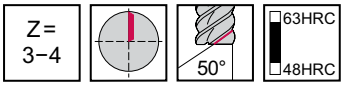
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutter

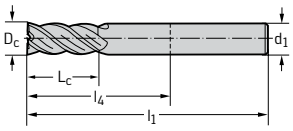
MC388 Advance mm





	P	M	K	N	S	H	O
WB10TG	●					●●	

Tool



DIN 6535 HA

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WB10TG
MC388-02.0A3B-	2	7	57	21	6	3	☻
MC388-03.0A3B-	3	8	57	21	6	3	☻
MC388-04.0A3B-	4	11	57	21	6	3	☻
MC388-05.0A3B-	5	13	57	21	6	3	☻
MC388-06.0A4L-	6	13	65	29	6	4	☻
MC388-08.0A4L-	8	19	80	44	8	4	☻
MC388-10.0A4L-	10	22	100	60	10	4	☻
MC388-12.0A4L-	12	26	100	55	12	4	☻

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WB10TG: MC388-02.0A3B-WB10TG

D1

WALTER SELECT

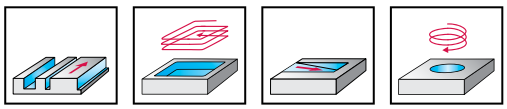
●● Primary application ● Other application

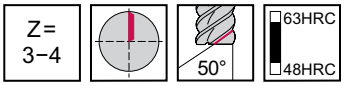
Best tool for ➔ Good = ☻ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

New addition to the product range = ☻ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutter

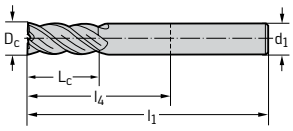
MC388 Advance inch





	P	M	K	N	S	H	O
WB10TG	●					●●	

Tool



Cylindrical shank

Designation	D_c h10	D_c h10 inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WB10TG
MC388.3.18A3L-	1/8"	0,1250	0,500	2,500	1,083	0,250	3	☺
MC388.6.35A4L-	1/4"	0,2500	0,750	2,500	1,083	0,250	4	☺
MC388.9.53A4L-	3/8"	0,3750	0,875	3,000	1,437	0,375	4	☺
MC388.12.7A4L-	1/2"	0,5000	1,000	3,500	1,717	0,500	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WB10TG: MC388.12.7A4L-WB10TG

D1

WALTER SELECT

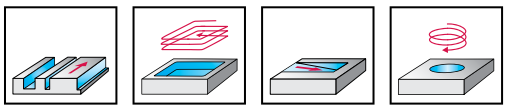
●● Primary application ● Other application

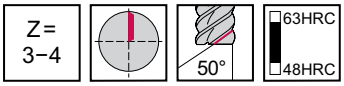
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutter

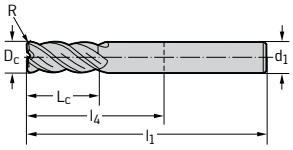
MC388 Advance mm





	P	M	K	N	S	H	O
WB10TG	●					●●	

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WB10TG
MC388-02.0A3B050-	2	0,5	7	57	21	6	3	☺
MC388-03.0A3B050-	3	0,5	8	57	21	6	3	☺
MC388-04.0A3B050-	4	0,5	11	57	21	6	3	☺
MC388-04.0A3B100-	4	1	11	57	21	6	3	☺
MC388-05.0A3B050-	5	0,5	13	57	21	6	3	☺
MC388-05.0A3B100-	5	1	13	57	21	6	3	☺
MC388-06.0A4L050-	6	0,5	13	65	29	6	4	☺
MC388-06.0A4L100-	6	1	13	65	29	6	4	☺
MC388-08.0A4L050-	8	0,5	19	80	44	8	4	☺
MC388-08.0A4L100-	8	1	19	80	44	8	4	☺
MC388-08.0A4L200-	8	2	19	80	44	8	4	☺
MC388-10.0A4L050-	10	0,5	22	100	60	10	4	☺
MC388-10.0A4L100-	10	1	22	100	60	10	4	☺
MC388-10.0A4L200-	10	2	22	100	60	10	4	☺
MC388-12.0A4L050-	12	0,5	26	100	55	12	4	☺
MC388-12.0A4L100-	12	1	26	100	55	12	4	☺
MC388-12.0A4L200-	12	2	26	100	55	12	4	☺
MC388-12.0A4L300-	12	3	26	100	55	12	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WB10TG: MC388-02.0A3B050-WB10TG

D1

WALTER SELECT

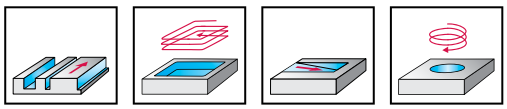
●● Primary application ● Other application

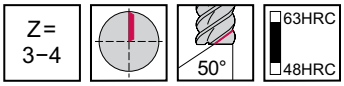
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutter

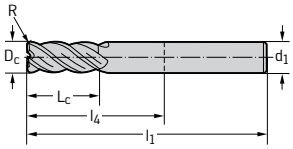
MC388 Advance inch





	P	M	K	N	S	H	O
WB10TG	●					●●	

Tool



Cylindrical shank

Designation	D_c h10	D_c h10 inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WB10TG
MC388.3.18A3L038-	1/8"	0,1250	0,015	0,500	2,500	1,083	0,250	3	☺
MC388.9.53A4L076-	3/8"	0,3750	0,030	0,875	3,000	1,437	0,375	4	☺
MC388.12.7A4L076-	1/2"	0,5000	0,030	1,000	3,500	1,717	0,500	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WB10TG: MC388.12.7A4L076-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

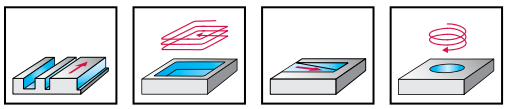
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

H8015828 mm

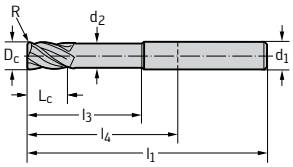
Protostar® Ultra

– Long reach
– Type HSC 30



	P	M	K	N	S	H	O
TAX						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z
H8015828-4-0.4-16	4	0,4	4	16	3,9	75	39	6	4
H8015828-4-0.4-24	4	0,4	4	24	3,9	75	39	6	4
H8015828-5-0.5-20	5	0,5	5	20	4,9	75	39	6	4
H8015828-5-0.5-30	5	0,5	5	30	4,9	75	39	6	4
H8015828-6-0.2-24	6	0,2	6	24	5,9	75	39	6	4
H8015828-6-0.2-35	6	0,2	6	35	5,9	75	39	6	4
H8015828-6-0.5-24	6	0,5	6	24	5,9	75	39	6	4
H8015828-6-0.5-35	6	0,5	6	35	5,9	75	39	6	4
H8015828-8-0.5-29	8	0,5	8	29	7,9	80	44	8	4
H8015828-8-0.5-43	8	0,5	8	43	7,9	80	44	8	4
H8015828-8-1.0-29	8	1	8	29	7,9	80	44	8	4
H8015828-8-1.0-43	8	1	8	43	7,9	80	44	8	4
H8015828-10-0.3-35	10	0,3	10	35	9,9	100	60	10	4
H8015828-10-0.5-35	10	0,5	10	35	9,9	100	60	10	4
H8015828-10-0.5-59	10	0,5	10	59	9,9	100	60	10	4
H8015828-10-1.0-35	10	1	10	35	9,9	100	60	10	4
H8015828-10-1.5-35	10	1,5	10	35	9,9	100	60	10	4
H8015828-12-0.5-36	12	0,5	12	36	11,8	100	55	12	4
H8015828-12-0.5-54	12	0,5	12	54	11,8	100	55	12	4
H8015828-12-1.0-36	12	1	12	36	11,8	100	55	12	4
H8015828-12-1.5-36	12	1,5	12	36	11,8	100	55	12	4
H8015828-12-1.5-54	12	1,5	12	54	11,8	100	55	12	4
H8015828-12-2.0-36	12	2	12	36	11,8	100	55	12	4
H8015828-12-2.0-54	12	2	12	54	11,8	100	55	12	4
H8015828-16-2.0-42	16	2	16	42	15,8	115	67	16	4

Slot milling $a_p \leq 0.1 \times D_c$ | Shoulder milling $a_e \leq 0.1 \times D_c$

D1

WALTER SELECT

●● Primary application ● Other application

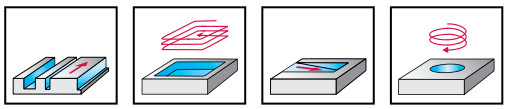
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutter

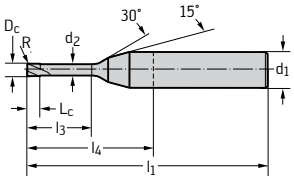
MC281 Advance mm

– Long reach



	P	M	K	N	S	H	O
WB10TG						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WB10TG
MC281-01.0A2M020B-	1	0,2	1	2	1	50	22	4	2	☺
MC281-01.0A2M020F-	1	0,2	1	6	1	50	22	4	2	☺
MC281-01.0A2M020H-	1	0,2	1	10	1	50	22	4	2	☺
MC281-1.25A2M020D-	1,25	0,2	1,25	5	1,2	50	22	4	2	☺
MC281-01.5A2M020C-	1,5	0,2	1,5	4	1,5	50	22	4	2	☺
MC281-01.5A2M020E-	1,5	0,2	1,5	8	1,5	50	22	4	2	☺
MC281-01.5A2M020G-	1,5	0,2	1,5	12	1,5	50	22	4	2	☺
MC281-02.0A2M020B-	2	0,2	2	4	2	50	22	4	2	☺
MC281-02.0A2M020C-	2	0,2	2	6	2	50	22	4	2	☺
MC281-02.0A2M020F-	2	0,2	2	12	2	50	22	4	2	☺
MC281-02.0A2M020G-	2	0,2	2	16	2	50	22	4	2	☺
MC281-03.0A2M020C-	3	0,2	3	8	3	50	22	4	2	☺
MC281-03.0A2M020E-	3	0,2	3	16	3	50	22	4	2	☺
MC281-03.0A2M020F-	3	0,2	3	20	3	60	32	4	2	☺
MC281-04.0A2M050C-	4	0,5	4	12	4	65	29	6	2	☺
MC281-04.0A2M050E-	4	0,5	4	20	4	65	29	6	2	☺

Slot milling $a_p \leq 0.1 \times D_c$ | Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WB10TG: MC281-01.0A2M020B-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

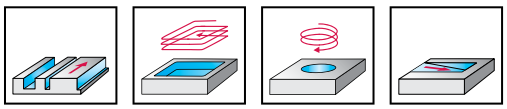
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

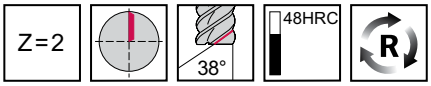
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MC230 Advance mm

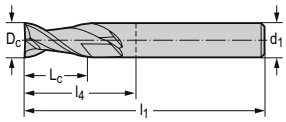
Xill·tec®





	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-02.0A2B-	2	6	57	21	6	2	☹
MC230-02.5A2B-	2,5	7	57	21	6	2	☹
MC230-03.0A2B-	3	7	57	21	6	2	☹
MC230-03.5A2B-	3,5	7	57	21	6	2	☹
MC230-04.0A2B-	4	8	57	21	6	2	☹
MC230-04.5A2B-	4,5	8	57	21	6	2	☹
MC230-05.0A2B-	5	10	57	21	6	2	☹
MC230-06.0A2B-	6	10	57	21	6	2	☹
MC230-07.0A2B-	7	13	63	27	8	2	☹
MC230-08.0A2B-	8	16	63	27	8	2	☹
MC230-09.0A2B-	9	16	72	32	10	2	☹
MC230-10.0A2B-	10	19	72	32	10	2	☹
MC230-11.0A2B-	11	22	83	38	12	2	☹
MC230-12.0A2B-	12	22	83	38	12	2	☹
MC230-14.0A2B-	14	22	83	38	14	2	☹
MC230-16.0A2B-	16	26	92	44	16	2	☹
MC230-18.0A2B-	18	26	92	44	18	2	☹
MC230-20.0A2B-	20	32	104	54	20	2	☹

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A2B-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

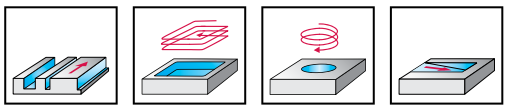
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

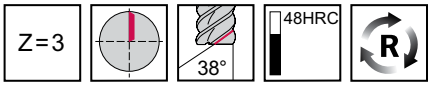
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MC230 Advance mm

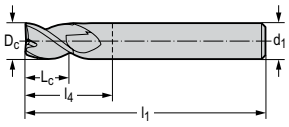
Xill·tec®





	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-02.0A3S-	2	3	39	12	6	3	
MC230-03.0A3S-	3	4	39	12	6	3	
MC230-04.0A3S-	4	5	39	12	6	3	
MC230-05.0A3S-	5	6	39	12	6	3	
MC230-06.0A3S-	6	7	39	12	6	3	
MC230-08.0A3S-	8	9	44	17	8	3	
MC230-10.0A3S-	10	11	51	20	10	3	
MC230-12.0A3S-	12	13	56	22	12	3	

Slot milling $a_p \leq 0.8 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A3S-WK40TF

D1

WALTER SELECT

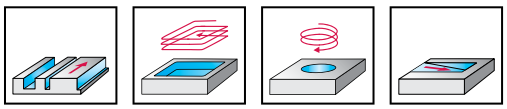
●● Primary application ● Other application

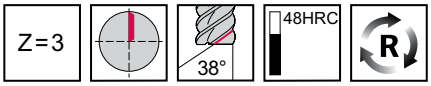
Best tool for → Good = → Average = → Poor = machining conditions

Solid carbide shoulder/slot milling cutters

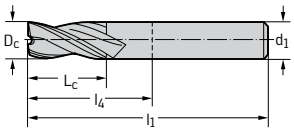
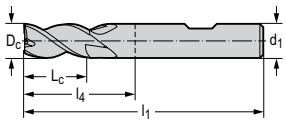
MC230 Advance mm

Xill·tec®





	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
 DIN 6535 HA	MC230-02.0A3B-	2	6	57	21	6	3	☺
	MC230-02.5A3B-	2,5	7	57	21	6	3	☺
	MC230-03.0A3B-	3	7	57	21	6	3	☺
	MC230-03.5A3B-	3,5	7	57	21	6	3	☺
	MC230-04.0A3B-	4	8	57	21	6	3	☺
	MC230-04.5A3B-	4,5	8	57	21	6	3	☺
	MC230-05.0A3B-	5	10	57	21	6	3	☺
	MC230-05.5A3B-	5,5	10	57	21	6	3	☺
	MC230-06.0A3B-	6	10	57	21	6	3	☺
	MC230-06.5A3B-	6,5	13	63	27	8	3	☺
	MC230-07.0A3B-	7	13	63	27	8	3	☺
	MC230-07.5A3B-	7,5	16	63	27	8	3	☺
	MC230-08.0A3B-	8	16	63	27	8	3	☺
	MC230-09.0A3B-	9	16	72	32	10	3	☺
	MC230-10.0A3B-	10	19	72	32	10	3	☺
	MC230-11.0A3B-	11	22	83	38	12	3	☺
	MC230-12.0A3B-	12	22	83	38	12	3	☺
	MC230-13.0A3B-	13	22	83	38	14	3	☺
	MC230-14.0A3B-	14	22	83	38	14	3	☺
	MC230-15.0A3B-	15	26	92	44	16	3	☺
	MC230-16.0A3B-	16	26	92	44	16	3	☺
	MC230-18.0A3B-	18	26	92	44	18	3	☺
	MC230-20.0A3B-	20	32	104	54	20	3	☺
 DIN 6535 HB	MC230-01.0W3B-	1	3	57	21	6	3	☺
	MC230-01.5W3B-	1,5	3	57	21	6	3	☺
	MC230-02.0W3B-	2	6	57	21	6	3	☺
	MC230-02.5W3B-	2,5	7	57	21	6	3	☺
	MC230-03.0W3B-	3	7	57	21	6	3	☺
	MC230-03.5W3B-	3,5	7	57	21	6	3	☺
	MC230-04.0W3B-	4	8	57	21	6	3	☺
	MC230-04.5W3B-	4,5	8	57	21	6	3	☺
	MC230-05.0W3B-	5	10	57	21	6	3	☺
	MC230-05.5W3B-	5,5	10	57	21	6	3	☺
	MC230-06.0W3B-	6	10	57	21	6	3	☺

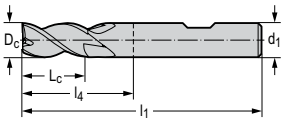
Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A3B-WK40TF

WALTER SELECT

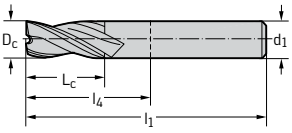
●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

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	WK40TF
MC230-08.0W3B-	8	16	63	27	8	3	☹
MC230-09.0W3B-	9	16	72	32	10	3	☹
MC230-10.0W3B-	10	19	72	32	10	3	☹
MC230-12.0W3B-	12	22	83	38	12	3	☹
MC230-14.0W3B-	14	22	83	38	14	3	☹
MC230-16.0W3B-	16	26	92	44	16	3	☹
MC230-20.0W3B-	20	32	104	54	20	3	☹
MC230-01.0A3BJ-	1	3	38	10	3	3	☹
MC230-01.1A3BJ-	1,1	3	38	10	3	3	☹
MC230-01.2A3BJ-	1,2	3	38	10	3	3	☹
MC230-01.3A3BJ-	1,3	3	38	10	3	3	☹
MC230-01.4A3BJ-	1,4	3	38	10	3	3	☹
MC230-01.5A3BJ-	1,5	3	38	10	3	3	☹
MC230-01.6A3BJ-	1,6	3	38	10	3	3	☹
MC230-01.7A3BJ-	1,7	3	38	10	3	3	☹
MC230-01.8A3BJ-	1,8	3	38	10	3	3	☹
MC230-01.9A3BJ-	1,9	3	38	10	3	3	☹
MC230-02.0A3BJ-	2	3	38	10	3	3	☹
MC230-02.1A3BJ-	2,1	3	38	10	3	3	☹
MC230-02.2A3BJ-	2,2	3	38	10	3	3	☹
MC230-02.3A3BJ-	2,3	3	38	10	3	3	☹
MC230-02.4A3BJ-	2,4	3	38	10	3	3	☹
MC230-02.5A3BJ-	2,5	3	38	10	3	3	☹
MC230-02.6A3BJ-	2,6	3	38	10	3	3	☹
MC230-02.7A3BJ-	2,7	3	38	10	3	3	☹
MC230-02.8A3BJ-	2,8	3	38	10	3	3	☹
MC230-02.9A3BJ-	2,9	3	38	10	3	3	☹
MC230-03.0A3BJ-	3	3	38	10	3	3	☹

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A3B-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

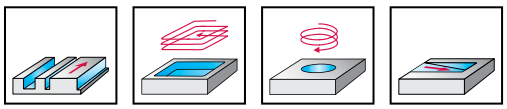
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

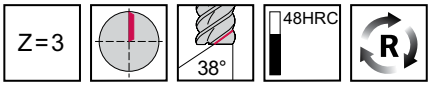
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MC230 Advance mm

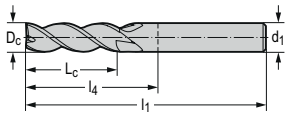
Xill·tec®





	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-01.0A3L-	1	4	38	10	3	3	☹
MC230-01.5A3L-	1,5	6	38	10	3	3	☹
MC230-02.0A3L-	2	8	38	10	3	3	☹
MC230-03.0A3L-	3	12	38	12	3	3	☹
MC230-04.0A3L-	4	14	50	22	4	3	☹
MC230-05.0A3L-	5	16	57	21	6	3	☹
MC230-06.0A3L-	6	22	65	29	6	3	☹
MC230-08.0A3L-	8	28	80	44	8	3	☹
MC230-10.0A3L-	10	32	100	60	10	3	☹
MC230-12.0A3L-	12	38	100	55	12	3	☹
MC230-16.0A3L-	16	50	115	67	16	3	☹
MC230-20.0A3L-	20	50	125	75	20	3	☹

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC230-01.0A3L-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

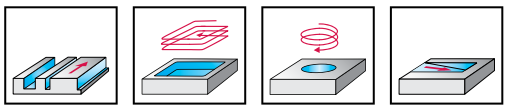
Best tool for → Good = ☺ → Average = ☹ → Poor = ☠ machining conditions

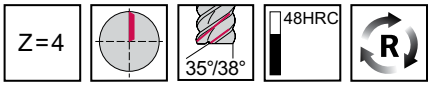
New addition to the product range = ☺ ☹ ☠ / ★

Solid carbide shoulder/slot milling cutters

MC230 Advance mm

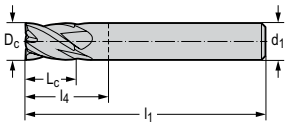
Xill·tec®





	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-02.0A4S-	2	3	39	12	6	4	
MC230-03.0A4S-	3	4	39	12	6	4	
MC230-04.0A4S-	4	5	39	12,3	6	4	
MC230-05.0A4S-	5	6	39	12	6	4	
MC230-06.0A4S-	6	7	39	12	6	4	
MC230-08.0A4S-	8	9	44	17	8	4	
MC230-10.0A4S-	10	11	51	20	10	4	
MC230-12.0A4S-	12	13	56	22	12	4	

Slot milling $a_p \leq 0.8 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A4S-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

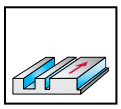
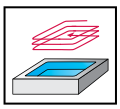
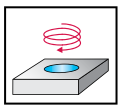
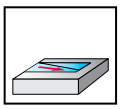
Best tool for → Good = → Average = → Poor = machining conditions

★ = New addition to the product range

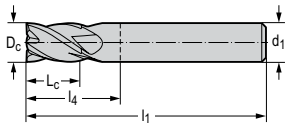
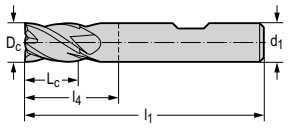
Solid carbide shoulder/slot milling cutters

MC230 Advance mm

Xill·tec®

	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
 DIN 6535 HA	MC230-02.0A4A-	2	4	50	14	6	4	
	MC230-03.0A4A-	3	5	50	14	6	4	
	MC230-04.0A4A-	4	8	54	18	6	4	
	MC230-05.0A4A-	5	9	54	18	6	4	
	MC230-06.0A4A-	6	10	54	18	6	4	
	MC230-07.0A4A-	7	11	58	22	8	4	
	MC230-08.0A4A-	8	12	58	22	8	4	
	MC230-10.0A4A-	10	14	66	26	10	4	
	MC230-12.0A4A-	12	16	73	28	12	4	
	MC230-14.0A4A-	14	18	75	30	14	4	
	MC230-16.0A4A-	16	22	82	34	16	4	
	MC230-18.0A4A-	18	24	84	36	18	4	
	MC230-20.0A4A-	20	26	92	42	20	4	
 DIN 6535 HB	MC230-02.0W4A-	2	4	50	14	6	4	
	MC230-03.0W4A-	3	5	50	14	6	4	
	MC230-04.0W4A-	4	8	54	18	6	4	
	MC230-05.0W4A-	5	9	54	18	6	4	
	MC230-06.0W4A-	6	10	54	18	6	4	
	MC230-08.0W4A-	8	12	58	22	8	4	
	MC230-10.0W4A-	10	14	66	26	10	4	
	MC230-12.0W4A-	12	16	73	28	12	4	
	MC230-14.0W4A-	14	18	75	30	14	4	
	MC230-16.0W4A-	16	22	82	34	16	4	
	MC230-20.0W4A-	20	26	92	42	20	4	

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A4A-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

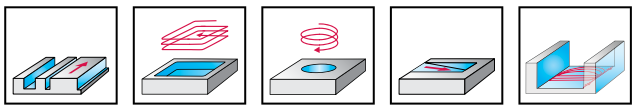
New addition to the product range = ☺ 😐 ☹ / ★

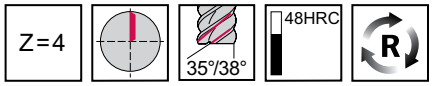
Solid carbide shoulder/slot milling cutters

MC230 Advance mm

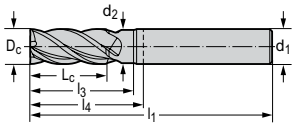
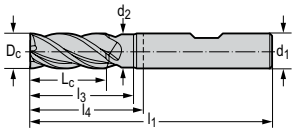
Xill·tec®

– Long reach





	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D_c h10 mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
 DIN 6535 HA	MC230-02.0A4BC-	2	7	11	1,9	57	21	6	4	☺
	MC230-02.5A4BC-	2,5	8	12	2,4	57	21	6	4	☺
	MC230-03.0A4BC-	3	8	12	2,9	57	21	6	4	☺
	MC230-03.5A4BC-	3,5	10	15	3,3	57	21	6	4	☺
	MC230-04.0A4BC-	4	11	15	3,8	57	21	6	4	☺
	MC230-04.5A4BC-	4,5	11	18	4,3	57	21	6	4	☺
	MC230-05.0A4BC-	5	13	18	4,8	57	21	6	4	☺
	MC230-05.5A4BC-	5,5	13	19	5,2	57	21	6	4	☺
	MC230-06.0A4BC-	6	13	19	5,7	57	21	6	4	☺
	MC230-06.5A4BC-	6,5	16	25	6,2	63	27	8	4	☺
	MC230-07.0A4BC-	7	16	25	6,7	63	27	8	4	☺
	MC230-08.0A4BC-	8	19	25	7,6	63	27	8	4	☺
	MC230-09.0A4BC-	9	19	30	8,6	72	32	10	4	☺
	MC230-10.0A4BC-	10	22	30	9,5	72	32	10	4	☺
	MC230-12.0A4BC-	12	26	36	11,4	83	38	12	4	☺
	MC230-14.0A4BC-	14	26	36	13,3	83	38	14	4	☺
	MC230-16.0A4BC-	16	32	42	15,2	92	44	16	4	☺
	MC230-18.0A4BC-	18	32	42	17,1	92	44	18	4	☺
	MC230-20.0A4BC-	20	38	52	19	104	54	20	4	☺
 DIN 6535 HB	MC230-02.0W4BC-	2	7	11	1,9	57	21	6	4	☺
	MC230-02.5W4BC-	2,5	8	12	2,4	57	21	6	4	☺
	MC230-03.0W4BC-	3	8	12	2,9	57	21	6	4	☺
	MC230-04.0W4BC-	4	11	15	3,8	57	21	6	4	☺
	MC230-05.0W4BC-	5	13	18	4,8	57	21	6	4	☺
	MC230-06.0W4BC-	6	13	19	5,7	57	21	6	4	☺
	MC230-07.0W4BC-	7	16	25	6,7	63	27	8	4	☺
	MC230-08.0W4BC-	8	19	25	7,6	63	27	8	4	☺
	MC230-09.0W4BC-	9	19	30	8,6	72	32	10	4	☺
	MC230-10.0W4BC-	10	22	30	9,5	72	32	10	4	☺
	MC230-12.0W4BC-	12	26	36	11,4	83	38	12	4	☺
	MC230-14.0W4BC-	14	26	36	13,3	83	38	14	4	☺
	MC230-16.0W4BC-	16	32	42	15,2	92	44	16	4	☺
	MC230-18.0W4BC-	18	32	42	17,1	92	44	18	4	☺
	MC230-20.0W4BC-	20	38	52	19	104	54	20	4	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A4BC-WK40TF

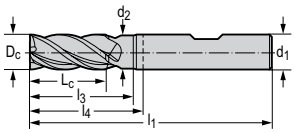
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Tool

Designation	D_c h10 mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
 MC230-25.0W4BC-	25	45	63	23,8	121	65	25	4	●

DIN 6535 HB

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A4BC-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

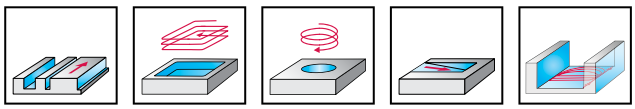
New addition to the product range = ☺ 😐 ☹ / ★

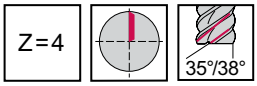
Solid carbide shoulder/slot milling cutters

MC230 Advance mm

Xill·tec®

– Long reach





	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool

Designation	D_c h10 mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
DIN 6535 HA									
MC230-06.0A4LC-	6	13	27	5,7	65	29	6	4	
MC230-08.0A4LC-	8	19	42	7,6	80	44	8	4	
MC230-10.0A4LC-	10	22	58	9,5	100	60	10	4	
MC230-12.0A4LC-	12	26	53	11,4	100	55	12	4	
MC230-16.0A4LC-	16	32	65	15,2	115	67	16	4	
MC230-20.0A4LC-	20	38	73	19	125	75	20	4	
DIN 6535 HB									
MC230-06.0W4LC-	6	13	27	5,7	65	29	6	4	
MC230-08.0W4LC-	8	19	42	7,6	80	44	8	4	
MC230-10.0W4LC-	10	22	58	9,5	100	60	10	4	
MC230-12.0W4LC-	12	26	53	11,4	100	55	12	4	
MC230-16.0W4LC-	16	32	65	15,2	115	67	16	4	
MC230-20.0W4LC-	20	38	73	19	125	75	20	4	

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC230-06.0A4LC-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

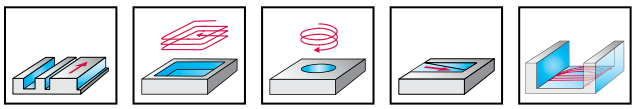
☺ 😐 ☹ / ★ = New addition to the product range

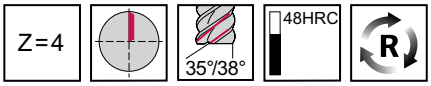
Solid carbide shoulder/slot milling cutters

MC230 Advance mm

Xill·tec®

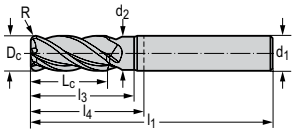
– Long reach





	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-02.0A4B020C-	2	0,2	7	11	1,9	57	21	6	4	☺
MC230-03.0A4B030C-	3	0,3	8	12	2,9	57	21	6	4	☺
MC230-03.0A4B050C-	3	0,5	8	12	2,9	57	21	6	4	☺
MC230-04.0A4B020C-	4	0,2	11	15	3,8	57	21	6	4	☺
MC230-04.0A4B050C-	4	0,5	11	15	3,8	57	21	6	4	☺
MC230-05.0A4B050C-	5	0,5	13	18	4,8	57	21	6	4	☺
MC230-05.0A4B100C-	5	1	13	18	4,8	57	21	6	4	☺
MC230-06.0A4B050C-	6	0,5	13	19	5,7	57	21	6	4	☺
MC230-06.0A4B080C-	6	0,8	13	19	5,7	57	21	6	4	☺
MC230-06.0A4B100C-	6	1	13	19	5,7	57	21	6	4	☺
MC230-08.0A4B050C-	8	0,5	19	25	7,6	63	27	8	4	☺
MC230-08.0A4B080C-	8	0,8	19	25	7,6	63	27	8	4	☺
MC230-08.0A4B100C-	8	1	19	25	7,6	63	27	8	4	☺
MC230-08.0A4B150C-	8	1,5	19	25	7,6	63	27	8	4	☺
MC230-08.0A4B200C-	8	2	19	25	7,6	63	27	8	4	☺
MC230-10.0A4B050C-	10	0,5	22	30	9,5	72	32	10	4	☺
MC230-10.0A4B080C-	10	0,8	22	30	9,5	72	32	10	4	☺
MC230-10.0A4B100C-	10	1	22	30	9,5	72	32	10	4	☺
MC230-10.0A4B150C-	10	1,5	22	30	9,5	72	32	10	4	☺
MC230-10.0A4B200C-	10	2	22	30	9,5	72	32	10	4	☺
MC230-12.0A4B050C-	12	0,5	26	36	11,4	83	38	12	4	☺
MC230-12.0A4B080C-	12	0,8	26	36	11,4	83	38	12	4	☺
MC230-12.0A4B100C-	12	1	26	36	11,4	83	38	12	4	☺
MC230-12.0A4B150C-	12	1,5	26	36	11,4	83	38	12	4	☺
MC230-12.0A4B200C-	12	2	26	36	11,4	83	38	12	4	☺
MC230-12.0A4B250C-	12	2,5	26	36	11,4	83	38	12	4	☺
MC230-12.0A4B300C-	12	3	26	36	11,4	83	38	12	4	☺
MC230-16.0A4B050C-	16	0,5	32	42	15,2	92	44	16	4	☺
MC230-16.0A4B100C-	16	1	32	42	15,2	92	44	16	4	☺
MC230-16.0A4B200C-	16	2	32	42	15,2	92	44	16	4	☺
MC230-16.0A4B250C-	16	2,5	32	42	15,2	92	44	16	4	☺
MC230-16.0A4B300C-	16	3	32	42	15,2	92	44	16	4	☺
MC230-16.0A4B400C-	16	4	32	42	15,2	92	44	16	4	☺
MC230-20.0A4B050C-	20	0,5	38	52	19	104	54	20	4	☺

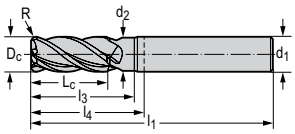
Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A4B020C-WK40TF

WALTER SELECT

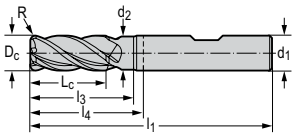
●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

Tool



DIN 6535 HA



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-20.0A4B100C-	20	1	38	52	19	104	54	20	4	☺
MC230-20.0A4B200C-	20	2	38	52	19	104	54	20	4	☺
MC230-20.0A4B250C-	20	2,5	38	52	19	104	54	20	4	☺
MC230-20.0A4B300C-	20	3	38	52	19	104	54	20	4	☺
MC230-20.0A4B400C-	20	4	38	52	19	104	54	20	4	☺
MC230-05.0W4B050C-	5	0,5	13	18	4,8	57	21	6	4	☺
MC230-06.0W4B050C-	6	0,5	13	19	5,7	57	21	6	4	☺
MC230-06.0W4B080C-	6	0,8	13	19	5,7	57	21	6	4	☺
MC230-06.0W4B100C-	6	1	13	19	5,7	57	21	6	4	☺
MC230-08.0W4B050C-	8	0,5	19	25	7,6	63	27	8	4	☺
MC230-08.0W4B080C-	8	0,8	19	25	7,6	63	27	8	4	☺
MC230-08.0W4B100C-	8	1	19	25	7,6	63	27	8	4	☺
MC230-08.0W4B150C-	8	1,5	19	25	7,6	63	27	8	4	☺
MC230-08.0W4B200C-	8	2	19	25	7,6	63	27	8	4	☺
MC230-10.0W4B050C-	10	0,5	22	30	9,5	72	32	10	4	☺
MC230-10.0W4B080C-	10	0,8	22	30	9,5	72	32	10	4	☺
MC230-10.0W4B100C-	10	1	22	30	9,5	72	32	10	4	☺
MC230-10.0W4B150C-	10	1,5	22	30	9,5	72	32	10	4	☺
MC230-10.0W4B200C-	10	2	22	30	9,5	72	32	10	4	☺
MC230-12.0W4B050C-	12	0,5	26	36	11,4	83	38	12	4	☺
MC230-12.0W4B080C-	12	0,8	26	36	11,4	83	38	12	4	☺
MC230-12.0W4B100C-	12	1	26	36	11,4	83	38	12	4	☺
MC230-12.0W4B150C-	12	1,5	26	36	11,4	83	38	12	4	☺
MC230-12.0W4B200C-	12	2	26	36	11,4	83	38	12	4	☺
MC230-12.0W4B250C-	12	2,5	26	36	11,4	83	38	12	4	☺
MC230-12.0W4B300C-	12	3	26	36	11,4	83	38	12	4	☺
MC230-16.0W4B050C-	16	0,5	32	42	15,2	92	44	16	4	☺
MC230-16.0W4B100C-	16	1	32	42	15,2	92	44	16	4	☺
MC230-16.0W4B200C-	16	2	32	42	15,2	92	44	16	4	☺
MC230-16.0W4B250C-	16	2,5	32	42	15,2	92	44	16	4	☺
MC230-16.0W4B300C-	16	3	32	42	15,2	92	44	16	4	☺
MC230-16.0W4B400C-	16	4	32	42	15,2	92	44	16	4	☺
MC230-20.0W4B050C-	20	0,5	38	52	19	104	54	20	4	☺
MC230-20.0W4B100C-	20	1	38	52	19	104	54	20	4	☺
MC230-20.0W4B200C-	20	2	38	52	19	104	54	20	4	☺
MC230-20.0W4B250C-	20	2,5	38	52	19	104	54	20	4	☺
MC230-20.0W4B300C-	20	3	38	52	19	104	54	20	4	☺
MC230-20.0W4B400C-	20	4	38	52	19	104	54	20	4	☺
MC230-25.0W4B100C-	25	1	45	63	23,8	121	65	25	4	☺
MC230-25.0W4B200C-	25	2	45	63	23,8	121	65	25	4	☺
MC230-25.0W4B300C-	25	3	45	63	23,8	121	65	25	4	☺
MC230-25.0W4B400C-	25	4	45	63	23,8	121	65	25	4	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A4B020C-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

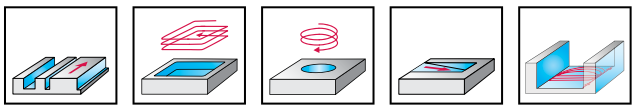
☺ 😐 ☹ / ★ = New addition to the product range

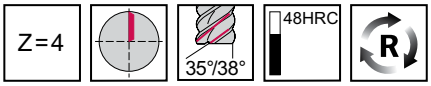
Solid carbide shoulder/slot milling cutters

MC230 Advance mm

Xill·tec®

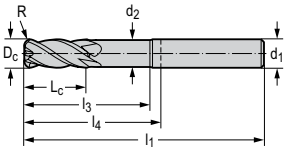
– Long reach





	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-06.0A4L050C-	6	0,5	13	27	5,7	65	29	6	4	☺
MC230-06.0A4L100C-	6	1	13	27	5,7	65	29	6	4	☺
MC230-08.0A4L050C-	8	0,5	19	42	7,6	80	44	8	4	☺
MC230-08.0A4L100C-	8	1	19	42	7,6	80	44	8	4	☺
MC230-08.0A4L200C-	8	2	19	42	7,6	80	44	8	4	☺
MC230-10.0A4L050C-	10	0,5	22	58	9,5	100	60	10	4	☺
MC230-10.0A4L100C-	10	1	22	58	9,5	100	60	10	4	☺
MC230-10.0A4L200C-	10	2	22	58	9,5	100	60	10	4	☺
MC230-12.0A4L050C-	12	0,5	26	53	11,4	100	55	12	4	☺
MC230-12.0A4L100C-	12	1	26	53	11,4	100	55	12	4	☺
MC230-12.0A4L200C-	12	2	26	53	11,4	100	55	12	4	☺
MC230-12.0A4L300C-	12	3	26	53	11,4	100	55	12	4	☺
MC230-16.0A4L100C-	16	1	32	65	15,2	115	67	16	4	☺
MC230-16.0A4L200C-	16	2	32	65	15,2	115	67	16	4	☺
MC230-16.0A4L400C-	16	4	32	65	15,2	115	67	16	4	☺
MC230-20.0A4L100C-	20	1	38	73	19	125	75	20	4	☺
MC230-20.0A4L200C-	20	2	38	73	19	125	75	20	4	☺
MC230-20.0A4L400C-	20	4	38	73	19	125	75	20	4	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC230-06.0A4L050C-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

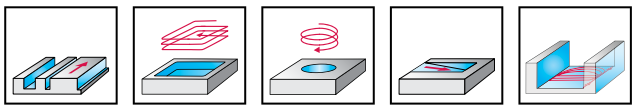
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

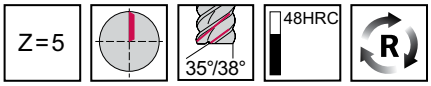
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MC230 Advance mm

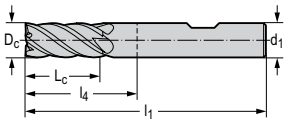
Xill·tec®





	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool



DIN 6535 HB

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-06.0W5B-	6	13	57	21	6	5	☺
MC230-08.0W5B-	8	19	63	27	8	5	☺
MC230-10.0W5B-	10	22	72	32	10	5	☺
MC230-12.0W5B-	12	26	83	38	12	5	☺
MC230-16.0W5B-	16	32	92	44	16	5	☺
MC230-20.0W5B-	20	38	104	54	20	5	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-06.0W5B-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

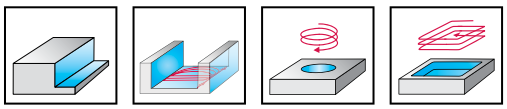
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

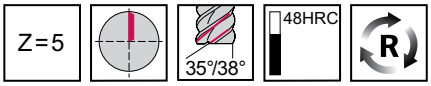
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MC230 Advance mm

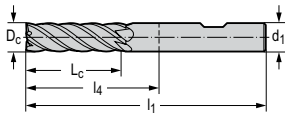
Xill·tec®





	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool



DIN 6535 HB

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-06.0W5L-	6	22	65	29	6	5	
MC230-08.0W5L-	8	28	80	44	8	5	
MC230-10.0W5L-	10	32	100	60	10	5	
MC230-12.0W5L-	12	40	100	55	12	5	

Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC230-06.0W5L-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

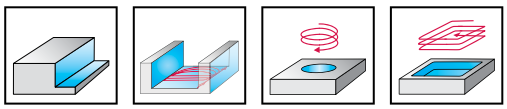
Best tool for → Good = → Average = → Poor = machining conditions

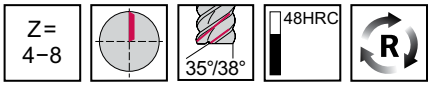
New addition to the product range = / ★

Solid carbide shoulder/slot milling cutters

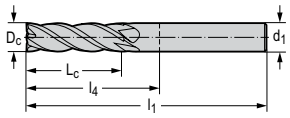
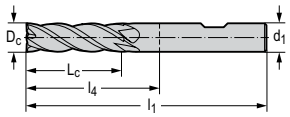
MC230 Advance mm

Xill·tec®





	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
 DIN 6535 HA	MC230-06.0A4L-	6	22	65	29	6	4	☺
	MC230-08.0A4L-	8	28	80	44	8	4	☺
	MC230-10.0A4L-	10	32	100	60	10	4	☺
	MC230-12.0A4L-	12	40	100	55	12	4	☺
	MC230-14.0A4L-	14	50	104	59	14	4	☺
	MC230-16.0A5L-	16	50	115	67	16	5	☺
	MC230-20.0A5L-	20	55	125	75	20	5	☺
	MC230-20.0A6LJ-	20	75	145	95	20	6	☺
	MC230-25.0A8LJ-	25	90	153	97	25	8	☺
 DIN 6535 HB	MC230-06.0W4L-	6	22	65	29	6	4	☺
	MC230-08.0W4L-	8	28	80	44	8	4	☺
	MC230-10.0W4L-	10	32	100	60	10	4	☺
	MC230-12.0W4L-	12	40	100	55	12	4	☺
	MC230-14.0W4L-	14	50	104	59	14	4	☺
	MC230-16.0W5L-	16	50	115	67	16	5	☺
	MC230-20.0W5L-	20	55	125	75	20	5	☺
	MC230-20.0W6LJ-	20	75	145	95	20	6	☺
	MC230-25.0W8LJ-	25	90	153	97	25	8	☺

Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC230-06.0A4L-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

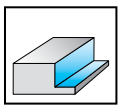
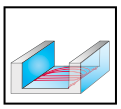
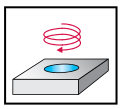
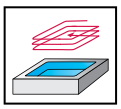
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

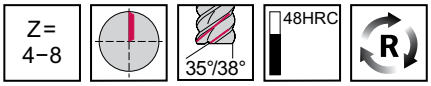
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MC230 Advance mm

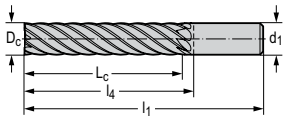
Xill·tec®



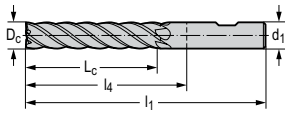
	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-06.0A4XL-	6	30	80	44	6	4	
MC230-08.0A4XL-	8	40	97	61	8	4	
MC230-10.0A4XL-	10	50	118	78	10	4	
MC230-12.0A4XL-	12	60	120	75	12	4	
MC230-16.0A5XK-	16	65	130	82	16	5	
MC230-16.0A5XL-	16	80	145	97	16	5	
MC230-20.0A6XL-	20	100	170	120	20	6	
MC230-25.0A8XL-	25	125	188	132	25	8	



DIN 6535 HB

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC230-04.0W4XL-	4	20	65	29	6	4	
MC230-05.0W4XL-	5	25	65	29	6	4	
MC230-06.0W4XL-	6	30	80	44	6	4	
MC230-08.0W4XL-	8	40	97	61	8	4	
MC230-10.0W4XL-	10	50	118	78	10	4	
MC230-12.0W4XL-	12	60	120	75	12	4	
MC230-14.0W4XL-	14	70	124	79	14	4	
MC230-16.0W5XK-	16	65	130	82	16	5	
MC230-16.0W5XL-	16	80	145	97	16	5	
MC230-18.0W5XL-	18	90	155	107	18	5	
MC230-20.0W6XL-	20	100	170	120	20	6	
MC230-25.0W8XL-	25	125	188	132	25	8	

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WK40TF: MC230-06.0A4XL-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

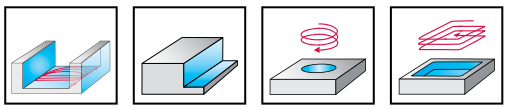
New addition to the product range = ☺ 😐 ☹ / ★

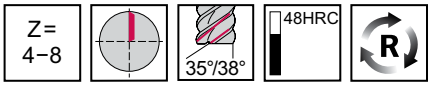
Solid carbide shoulder milling cutters

MC233 Advance mm

Xill·tec®

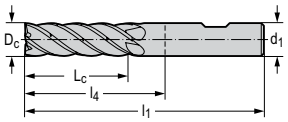
– Chip breaker





	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool



DIN 6535 HB

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC233-08.0W4L-	8	28	80	44	8	4	☺
MC233-10.0W4L-	10	32	100	60	10	4	☺
MC233-12.0W4L-	12	40	100	55	12	4	☺
MC233-16.0W5L-	16	50	115	67	16	5	☺
MC233-20.0W5L-	20	55	125	75	20	5	☺
MC233-25.0W8LJ-	25	90	153	97	25	8	☺

Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC233-08.0W4L-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

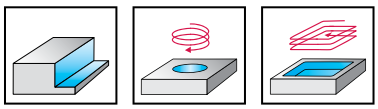
☺ 😐 ☹ / ★ = New addition to the product range

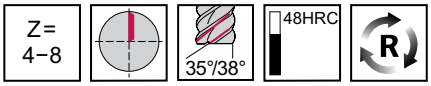
Solid carbide shoulder milling cutters

MC233 Advance mm

Xill·tec®

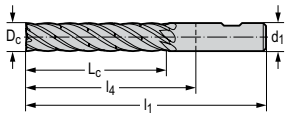
– Chip breaker





	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool



DIN 6535 HB

Designation	D_c h10 mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
MC233-08.0W4XL-	8	40	97	61	8	4	☹
MC233-10.0W4XL-	10	50	118	78	10	4	☹
MC233-12.0W4XL-	12	60	120	75	12	4	☹
MC233-16.0W5XL-	16	80	145	97	16	5	☹
MC233-20.0W6XL-	20	100	170	120	20	6	☹
MC233-25.0W8XL-	25	125	188	132	25	8	☹

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WK40TF: MC233-08.0W4XL-WK40TF

D1

WALTER SELECT

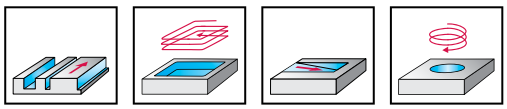
●● Primary application ● Other application

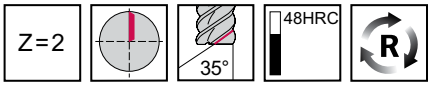
Best tool for ➔ Good = ☺ ➔ Average = ☹ ➔ Poor = ☠ machining conditions

New addition to the product range = ☺ ☹ ☠ / ★

Solid carbide shoulder/slot milling cutters

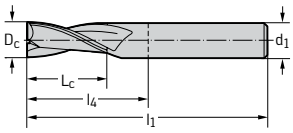
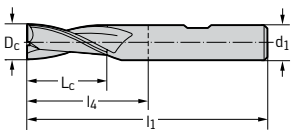
MC232 Perform mm





	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool

Designation	D_c h12 mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30ED
 DIN 6535 HA							
MC232-02.0A2B-	2	6	57	29	4	2	
MC232-02.5A2B-	2,5	7	57	29	4	2	
MC232-03.0A2B-	3	7	57	29	4	2	
MC232-03.5A2B-	3,5	7	57	29	4	2	
MC232-04.0A2B-	4	8	57	29	4	2	
 DIN 6535 HB							
MC232-05.0W2B-	5	10	57	21	6	2	
MC232-06.0W2B-	6	10	57	21	6	2	
MC232-08.0W2B-	8	16	63	27	8	2	
MC232-10.0W2B-	10	19	72	32	10	2	
MC232-12.0W2B-	12	22	83	38	12	2	
MC232-16.0W2B-	16	26	92	44	16	2	
MC232-20.0W2B-	20	32	104	54	20	2	

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30ED: MC232-02.0A2B-WJ30ED

D1

WALTER SELECT

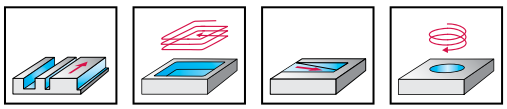
●● Primary application ● Other application

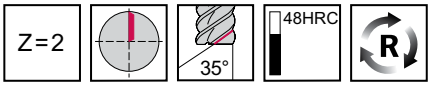
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

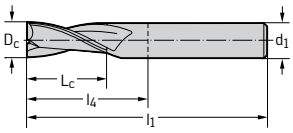
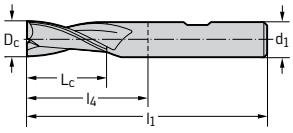
MC232 Perform inch





	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool

Designation	D_c h12	D_c h12 inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30ED
 Cylindrical shank								
MC232.3.18A2D-	1/8"	0,1250	0,500	2,500	1,083	0,250	2	
MC232.6.35A2D-	1/4"	0,2500	0,750	2,500	1,083	0,250	2	
 DIN 6535 HB								
MC232.9.53W2D-	3/8"	0,3750	0,875	3,000	1,437	0,375	2	
MC232.12.7W2D-	1/2"	0,5000	1,000	3,500	1,717	0,500	2	
MC232.15.9W2D-	5/8"	0,6250	1,250	3,500	1,594	0,625	2	
MC232.19.1W2D-	3/4"	0,7500	1,500	4,000	1,969	0,750	2	

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30ED: MC232.3.18A2D-WJ30ED

D1

WALTER SELECT

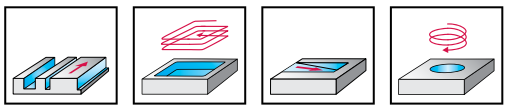
●● Primary application ● Other application

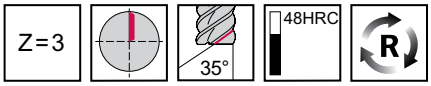
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

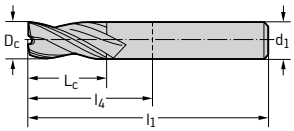
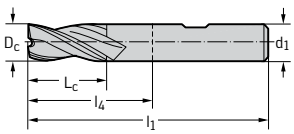
MC232 Perform mm





	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool

	Designation	D_c h12 mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30ED
 DIN 6535 HA	MC232-02.0A3B-	2	6	57	29	4	3	
	MC232-02.5A3B-	2,5	7	57	29	4	3	
	MC232-03.0A3B-	3	7	57	29	4	3	
	MC232-03.5A3B-	3,5	7	57	29	4	3	
	MC232-04.0A3B-	4	8	57	29	4	3	
 DIN 6535 HB	MC232-05.0W3B-	5	10	57	21	6	3	
	MC232-06.0W3B-	6	10	57	21	6	3	
	MC232-08.0W3B-	8	16	63	27	8	3	
	MC232-10.0W3B-	10	19	72	32	10	3	
	MC232-12.0W3B-	12	22	83	38	12	3	
	MC232-16.0W3B-	16	26	92	44	16	3	
	MC232-20.0W3B-	20	32	104	54	20	3	

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30ED: MC232-02.0A3B-WJ30ED

WALTER SELECT

●● Primary application ● Other application

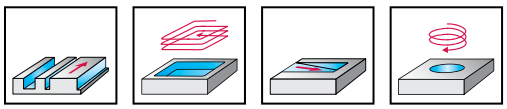
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

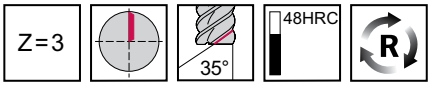
☺ 😐 ☹ / ★ = New addition to the product range

D1

Solid carbide shoulder/slot milling cutters

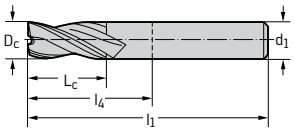
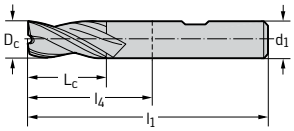
MC232 Perform inch





	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool

Designation	D_c h12	D_c h12 inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30ED
 Cylindrical shank								
MC232.3.18A3D-	1/8"	0,1250	0,500	2,500	1,083	0,250	3	
MC232.6.35A3D-	1/4"	0,2500	0,750	2,500	1,083	0,250	3	
 DIN 6535 HB								
MC232.9.53W3D-	3/8"	0,3750	0,875	3,000	1,437	0,375	3	
MC232.12.7W3D-	1/2"	0,5000	1,000	3,500	1,717	0,500	3	
MC232.15.9W3D-	5/8"	0,6250	1,250	3,500	1,594	0,625	3	
MC232.19.1W3D-	3/4"	0,7500	1,500	4,000	1,969	0,750	3	

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30ED: MC232.3.18A3D-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

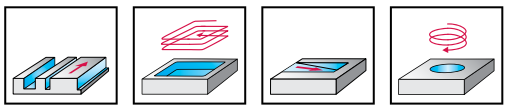
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

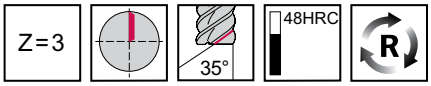
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

MC232 Perform mm

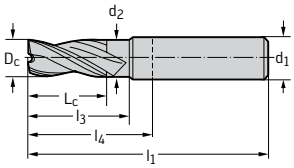
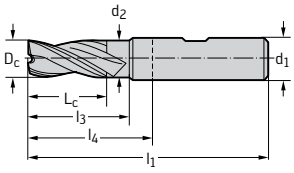
– Long reach





	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool

	Designation	D_c h12 mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30ED
 DIN 6535 HA	MC232-02.0A3BC-	2	6	11	1,9	57	29	4	3	☺
	MC232-02.5A3BC-	2,5	7	12	2,4	57	29	4	3	☺
	MC232-03.0A3BC-	3	7	12	2,9	57	29	4	3	☺
	MC232-03.5A3BC-	3,5	7	15	3,3	57	29	4	3	☺
	MC232-04.0A3BC-	4	8	15	3,8	57	29	4	3	☺
 DIN 6535 HB	MC232-05.0W3BC-	5	10	18	4,8	57	21	6	3	☺
	MC232-06.0W3BC-	6	10	19	5,7	57	21	6	3	☺
	MC232-08.0W3BC-	8	16	25	7,6	63	27	8	3	☺
	MC232-10.0W3BC-	10	19	30	9,5	72	32	10	3	☺
	MC232-12.0W3BC-	12	22	36	11,4	83	38	12	3	☺
	MC232-16.0W3BC-	16	26	42	15,2	92	44	16	3	☺
	MC232-20.0W3BC-	20	32	52	19	104	54	20	3	☺

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30ED: MC232-02.0A3BC-WJ30ED

D1

WALTER SELECT

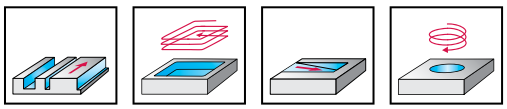
●● Primary application ● Other application

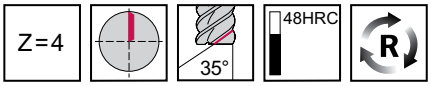
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

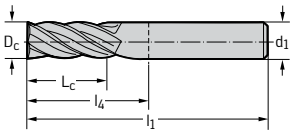
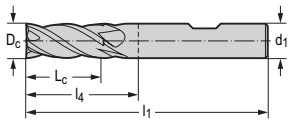
Solid carbide shoulder/slot milling cutters

MC232 Perform mm





	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool	Designation	D_c h12 mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30ED
 DIN 6535 HA	MC232-02.0A4B-	2	7	57	29	4	4	
	MC232-02.5A4B-	2,5	8	57	29	4	4	
	MC232-03.0A4B-	3	8	57	29	4	4	
	MC232-03.5A4B-	3,5	10	57	29	4	4	
	MC232-04.0A4B-	4	11	57	29	4	4	
 DIN 6535 HB	MC232-05.0W4B-	5	13	57	21	6	4	
	MC232-06.0W4B-	6	13	57	21	6	4	
	MC232-08.0W4B-	8	19	63	27	8	4	
	MC232-10.0W4B-	10	22	72	32	10	4	
	MC232-12.0W4B-	12	26	83	38	12	4	
	MC232-16.0W4B-	16	32	92	44	16	4	
	MC232-20.0W4B-	20	38	104	54	20	4	

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30ED: MC232-02.0A4B-WJ30ED

D1

WALTER SELECT

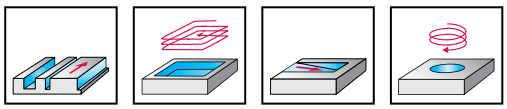
●● Primary application ● Other application

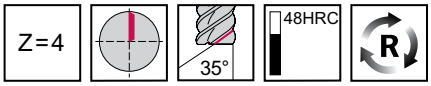
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

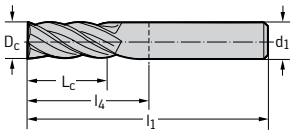
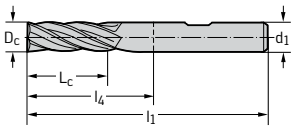
MC232 Perform inch





	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool

Designation	D_c h12	D_c h12 inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30ED
								
MC232.3.18A4D-	1/8"	0,1250	0,500	2,500	1,083	0,250	4	
MC232.6.35A4D-	1/4"	0,2500	0,750	2,500	1,083	0,250	4	
Cylindrical shank								
								
MC232.9.53W4D-	3/8"	0,3750	0,875	3,000	1,437	0,375	4	
MC232.12.7W4D-	1/2"	0,5000	1,000	3,500	1,717	0,500	4	
MC232.15.9W4D-	5/8"	0,6250	1,250	3,500	1,594	0,625	4	
MC232.19.1W4D-	3/4"	0,7500	1,500	4,000	1,969	0,750	4	
DIN 6535 HB								

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30ED: MC232.3.18A4D-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

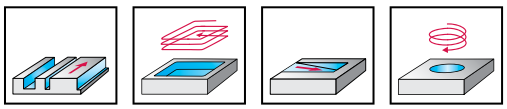
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

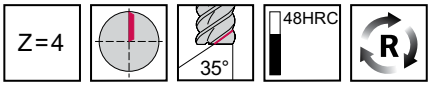
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder/slot milling cutters

MC232 Perform mm

– Long reach





	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool

Designation	D_c h12 mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30ED
DIN 6535 HA									
MC232-02.0A4BC-	2	7	11	1,9	57	29	4	4	
MC232-02.5A4BC-	2,5	8	12	2,4	57	29	4	4	
MC232-03.0A4BC-	3	8	12	2,9	57	29	4	4	
MC232-03.5A4BC-	3,5	10	15	3,3	57	29	4	4	
MC232-04.0A4BC-	4	11	15	3,8	57	29	4	4	
DIN 6535 HB									
MC232-05.0W4BC-	5	13	18	4,8	57	21	6	4	
MC232-06.0W4BC-	6	13	19	5,7	57	21	6	4	
MC232-08.0W4BC-	8	19	25	7,6	63	27	8	4	
MC232-10.0W4BC-	10	22	30	9,5	72	32	10	4	
MC232-12.0W4BC-	12	26	36	11,4	83	38	12	4	
MC232-16.0W4BC-	16	32	42	15,2	92	44	16	4	
MC232-20.0W4BC-	20	38	52	19	104	54	20	4	

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30ED: MC232-02.0A4BC-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

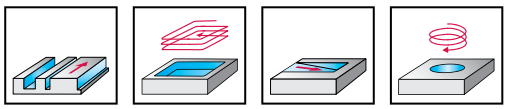
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

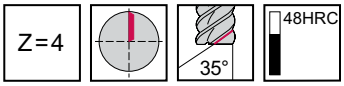
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder/slot milling cutters

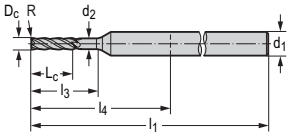
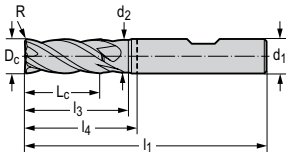
MC232 Perform mm

– Long reach





	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool	Designation	D_c h12 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30ED
 DIN 6535 HA	MC232-02.0A4B020C-	2	0,2	7	11	1,9	57	29	4	4	
	MC232-03.0A4B030C-	3	0,3	8	12	2,9	57	29	4	4	
	MC232-04.0A4B050C-	4	0,5	11	15	3,8	57	29	4	4	
 DIN 6535 HB	MC232-05.0W4B050C-	5	0,5	13	18	4,8	57	21	6	4	
	MC232-06.0W4B050C-	6	0,5	13	19	5,7	57	21	6	4	
	MC232-06.0W4B080C-	6	0,8	13	19	5,7	57	21	6	4	
	MC232-06.0W4B100C-	6	1	13	19	5,7	57	21	6	4	
	MC232-08.0W4B050C-	8	0,5	19	25	7,6	63	27	8	4	
	MC232-08.0W4B080C-	8	0,8	19	25	7,6	63	27	8	4	
	MC232-08.0W4B100C-	8	1	19	25	7,6	63	27	8	4	
	MC232-08.0W4B150C-	8	1,5	19	25	7,6	63	27	8	4	
	MC232-08.0W4B200C-	8	2	19	25	7,6	63	27	8	4	
	MC232-10.0W4B050C-	10	0,5	22	30	9,5	72	32	10	4	
	MC232-10.0W4B080C-	10	0,8	22	30	9,5	72	32	10	4	
	MC232-10.0W4B100C-	10	1	22	30	9,5	72	32	10	4	
	MC232-10.0W4B150C-	10	1,5	22	30	9,5	72	32	10	4	
	MC232-10.0W4B200C-	10	2	22	30	9,5	72	32	10	4	
	MC232-12.0W4B050C-	12	0,5	26	36	11,4	83	38	12	4	
	MC232-12.0W4B080C-	12	0,8	26	36	11,4	83	38	12	4	
	MC232-12.0W4B100C-	12	1	26	36	11,4	83	38	12	4	
	MC232-12.0W4B150C-	12	1,5	26	36	11,4	83	38	12	4	
	MC232-12.0W4B200C-	12	2	26	36	11,4	83	38	12	4	
	MC232-12.0W4B250C-	12	2,5	26	36	11,4	83	38	12	4	
	MC232-12.0W4B300C-	12	3	26	36	11,4	83	38	12	4	
	MC232-16.0W4B050C-	16	0,5	32	42	15,2	92	44	16	4	
	MC232-16.0W4B100C-	16	1	32	42	15,2	92	44	16	4	
	MC232-16.0W4B200C-	16	2	32	42	15,2	92	44	16	4	
	MC232-16.0W4B250C-	16	2,5	32	42	15,2	92	44	16	4	
	MC232-16.0W4B300C-	16	3	32	42	15,2	92	44	16	4	
	MC232-16.0W4B400C-	16	4	32	42	15,2	92	44	16	4	

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30ED: MC232-02.0A4B020C-WJ30ED

D1

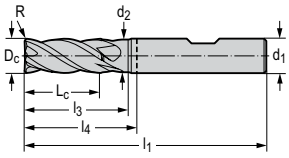
WALTER SELECT

●● 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 h12 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30ED
MC232-20.0W4B050C-	20	0,5	38	52	19	104	54	20	4	●
MC232-20.0W4B100C-	20	1	38	52	19	104	54	20	4	●
MC232-20.0W4B200C-	20	2	38	52	19	104	54	20	4	●
MC232-20.0W4B250C-	20	2,5	38	52	19	104	54	20	4	●
MC232-20.0W4B300C-	20	3	38	52	19	104	54	20	4	●
MC232-20.0W4B400C-	20	4	38	52	19	104	54	20	4	●

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30ED: MC232-02.0A4B020C-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

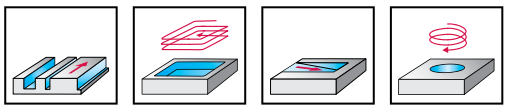
Best tool for → Good = ● → Average = ● → Poor = ● machining conditions

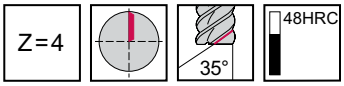
New addition to the product range = ● ● ● / ★

Solid carbide shoulder/slot milling cutters

MC232 Perform inch

– Long reach

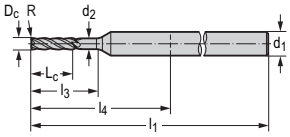




	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

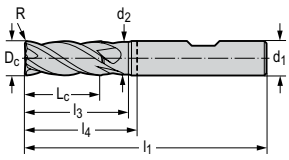
Tool

Cylindrical shank



Designation	D_c h12	D_c h12 inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30ED
MC232.3.18A4D038C-	1/8"	0,1250	0,015	0,500	0,625	0,119	2,500	1,083	0,250	4	
MC232.6.35A4D038C-	1/4"	0,2500	0,015	0,750	1,000	0,237	2,500	1,083	0,250	4	
MC232.6.35A4D076C-	1/4"	0,2500	0,030	0,750	1,000	0,237	2,500	1,083	0,250	4	

DIN 6535 HB



Designation	D_c h12	D_c h12 inch	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30ED
MC232.9.53W4D038C-	3/8"	0,3750	0,015	0,875	1,125	0,356	3,000	1,437	0,375	4	
MC232.9.53W4D076C-	3/8"	0,3750	0,030	0,875	1,125	0,356	3,000	1,437	0,375	4	
MC232.12.7W4D038C-	1/2"	0,5000	0,015	1,000	1,500	0,475	3,500	1,717	0,500	4	
MC232.12.7W4D076C-	1/2"	0,5000	0,030	1,000	1,500	0,475	3,500	1,717	0,500	4	
MC232.12.7W4D152C-	1/2"	0,5000	0,060	1,000	1,500	0,475	3,500	1,717	0,500	4	
MC232.12.7W4D318C-	1/2"	0,5000	0,125	1,000	1,500	0,475	3,500	1,717	0,500	4	
MC232.15.9W4D318C-	5/8"	0,6250	0,125	1,250	1,563	0,594	3,500	1,594	0,625	4	
MC232.19.1W4D076C-	3/4"	0,7500	0,030	1,500	1,875	0,713	4,000	1,969	0,750	4	
MC232.19.1W4D318C-	3/4"	0,7500	0,125	1,500	1,875	0,713	4,000	1,969	0,750	4	

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30ED: MC232.3.18A4D038C-WJ30ED

D1

WALTER SELECT

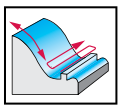
●● Primary application ● Other application

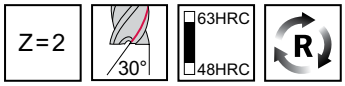
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide ball-nose copy milling cutters

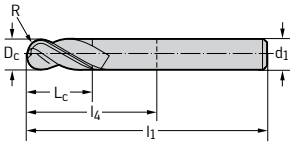
MC482 Advance mm





	P	M	K	N	S	H	O
WB10TG						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	WB10TG
MC482-03.0A2B-	3	1,5	2,4	21	57	6	2	☻
MC482-04.0A2B-	4	2	3,2	21	57	6	2	☻
MC482-05.0A2B-	5	2,5	4	21	57	6	2	☻
MC482-06.0A2B-	6	3	4,8	21	57	6	2	☻
MC482-08.0A2B-	8	4	6,4	27	63	8	2	☻

Ordering example for the grade WB10TG: MC482-03.0A2B-WB10TG

D1

WALTER SELECT

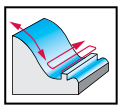
●● Primary application ● Other application

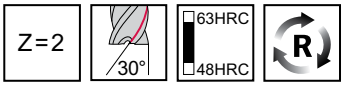
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☻ 😐 ☹ / ★

Solid carbide ball-nose copy milling cutters

MC482 Advance mm

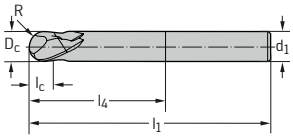




	P	M	K	N	S	H	O
WB10TG						●●	

Tool

Designation	D_c h7 mm	R mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	WB10TG
MC482-06.0A2L-	6	3	4,8	44	80	6	2	☺
MC482-08.0A2L-	8	4	6,4	64	100	8	2	☺
MC482-10.0A2L-	10	5	8	60	100	10	2	☺
MC482-12.0A2L-	12	6	9,6	55	100	12	2	☺



DIN 6535 HA

Ordering example for the grade WB10TG: MC482-06.0A2L-WB10TG

D1

WALTER SELECT

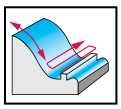
●● Primary application ● Other application

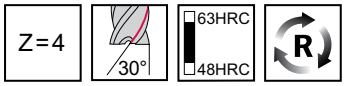
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide ball-nose copy milling cutters

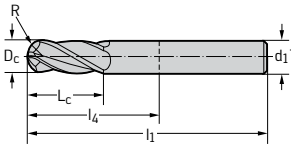
MC482 Advance mm





	P	M	K	N	S	H	O
WB10TG						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	WB10TG
MC482-06.0A4B-	6	3	4,8	21	57	6	4	☻
MC482-08.0A4B-	8	4	6,4	27	63	8	4	☻
MC482-10.0A4B-	10	5	8	32	72	10	4	☻
MC482-12.0A4B-	12	6	9,6	38	83	12	4	☻
MC482-16.0A4B-	16	8	12,8	44	92	16	4	☻

Ordering example for the grade WB10TG: MC482-06.0A4B-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

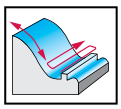
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

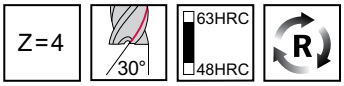
New addition to the product range = ☻ 😐 ☹ / ★

Solid carbide ball-nose copy milling cutters

MC482 Advance mm

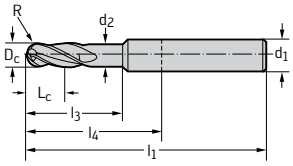
– Long reach





	P	M	K	N	S	H	O
WB10TG						●●	

Tool



Designation	D_c h7 mm	R mm	L_c mm	l_4 mm	d_2 mm	l_3 mm	l_1 mm	d_1 mm	Z	WB10TG
MC482-06.0A4BC-	6	3	4,8	27	5,9	18	63	8	4	☻
MC482-08.0A4BC-	8	4	6,4	32	7,85	24	72	10	4	☻
MC482-10.0A4BC-	10	5	8	38	9,85	30	83	12	4	☻
MC482-12.0A4BC-	12	6	9,6	38	11,8	36	83	12	4	☻
MC482-16.0A4BC-	16	8	12,8	44	15,8	42	92	16	4	☻

DIN 6535 HA

Ordering example for the grade WB10TG: MC482-06.0A4BC-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

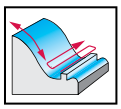
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

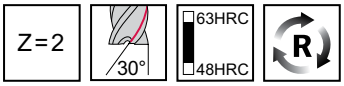
☻ 😐 ☹ / ★ = New addition to the product range

Solid carbide ball-nose copy milling cutters

MC482 Advance mm

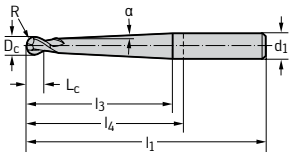
– Long reach





	P	M	K	N	S	H	O
WB10TG						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	α	d_1 mm	Z	WB10TG
MC482-01.0A2PV-	1	0,5	0,8	17	21	57	2,5°	6	2	☺
MC482-01.0A2PW-	1	0,5	0,8	17	21	57	4°	6	2	☺
MC482-01.5A2PV-	1,5	0,75	1,2	17	21	57	2,5°	6	2	☺
MC482-01.5A2PW-	1,5	0,75	1,2	17	21	57	4°	6	2	☺
MC482-02.0A2PV-	2	1	1,6	18	21	57	2,5°	6	2	☺
MC482-02.0A2PW-	2	1	1,6	18	21	57	4°	6	2	☺
MC482-03.0A2LV-	3	1,5	2,4	38	44	80	2,5°	6	2	☺
MC482-03.0A2PV-	3	1,5	2,4	19	21	57	2,5°	6	2	☺
MC482-03.0A2PW-	3	1,5	2,4	19	21	57	4°	6	2	☺
MC482-04.0A2PV-	4	2	3,2	20	21	57	2,5°	6	2	☺
MC482-04.0A2PW-	4	2	3,2	20	21	57	4°	6	2	☺

Ordering example for the grade WB10TG: MC482-01.0A2PV-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

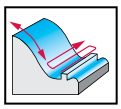
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

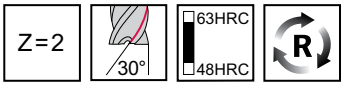
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide ball-nose copy milling cutters

MC480 Advance mm

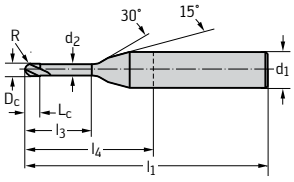
– Long reach





	P	M	K	N	S	H	O
WB10TG						●●	

Tool



DIN 6535 HA

Designation	D_c h7 mm	R mm	L_c mm	d_2 mm	l_3 mm	l_4 mm	l_1 mm	Z	d_1 h5 mm	WB10TG
MC480-00.4A2MC-	0,4	0,2	0,32	0,37	1	12	38	2	4	☺
MC480-00.5A2MC-	0,5	0,25	0,4	0,47	1,5	12	38	2	4	☺
MC480-00.6A2MC-	0,6	0,3	0,48	0,57	2	12	38	2	4	☺
MC480-00.8A2MC-	0,8	0,4	0,64	0,77	2	12	38	2	4	☺
MC480-01.0A2MB-	1	0,5	0,8	0,97	2	22	50	2	4	☺
MC480-01.0A2ME-	1	0,5	0,8	0,97	5	22	50	2	4	☺
MC480-01.0A2MG-	1	0,5	0,8	0,97	8	22	50	2	4	☺
MC480-01.5A2MC-	1,5	0,75	1,2	1,47	4	22	50	2	4	☺
MC480-01.5A2ME-	1,5	0,75	1,2	1,47	8	22	50	2	4	☺
MC480-01.5A2MG-	1,5	0,75	1,2	1,47	12	22	50	2	4	☺
MC480-02.0A2MB-	2	1	1,6	1,97	3	22	50	2	4	☺
MC480-02.0A2MC-	2	1	1,6	1,97	6	22	50	2	4	☺
MC480-02.0A2ME-	2	1	1,6	1,97	10	22	50	2	4	☺
MC480-02.0A2MG-	2	1	1,6	1,97	16	22	50	2	4	☺
MC480-03.0A2MC-	3	1,5	2,4	2,97	8	22	50	2	4	☺
MC480-03.0A2ME-	3	1,5	2,4	2,97	16	22	50	2	4	☺
MC480-03.0A2MG-	3	1,5	2,4	2,97	25	32	60	2	4	☺
MC480-04.0A2MC-	4	2	3,2	3,97	10	29	65	2	6	☺
MC480-04.0A2ME-	4	2	3,2	3,97	20	29	65	2	6	☺
MC480-05.0A2MD-	5	2,5	4	4,97	20	29	65	2	6	☺

Ordering example for the grade WB10TG: MC480-00.4A2MC-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

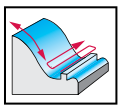
☺ 😐 ☹ / ★ = New addition to the product range

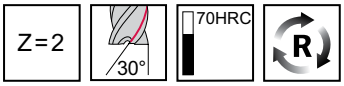
Solid carbide ball-nose copy milling cutters

H8004788 mm

Proto·max™ Ultra

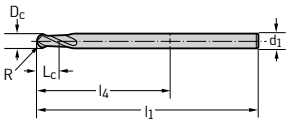
– Long reach





	P	M	K	N	S	H	O
TAS						●●	

Tool



DIN 6535 HA

Designation	R mm	D_c h7 mm	L_c mm	l_4 mm	d_1	l_1 mm	Z
H8004788-3-57	1,5	3	4,5	21	6	57	2
H8004788-3-70	1,5	3	4,5	34	6	70	2
H8004788-4-57	2	4	6	21	6	57	2
H8004788-4-70	2	4	6	34	6	70	2
H8004788-5-57	2,5	5	7,5	21	6	57	2
H8004788-6-57	3	6	9	21	6	57	2
H8004788-6-90	3	6	9	54	6	90	2
H8004788-8-100	4	8	12	64	8	100	2
H8004788-8-63	4	8	12	27	8	63	2
H8004788-10-100	5	10	15	60	10	100	2
H8004788-10-72	5	10	15	32	10	72	2
H8004788-12-110	6	12	18	65	12	110	2
H8004788-12-83	6	12	18	38	12	83	2

D1

WALTER SELECT

●● Primary application ● Other application

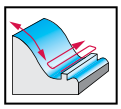
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide ball-nose copy milling cutters

MC416 Advance mm

– Type 30

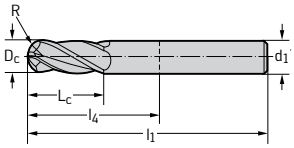


Z=4 | 30° | 48HRC | R

	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

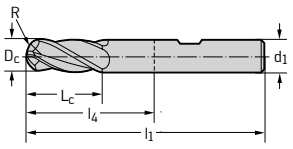
Tool

Designation	R mm	D_c h7 mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	WJ30TF
MC416-03.0A4L-	1,5	3	8	44	80	6	4	
MC416-04.0A4L-	2	4	11	44	80	6	4	
MC416-05.0A4L-	2,5	5	13	44	80	6	4	
MC416-06.0A4L-	3	6	13	44	80	6	4	
MC416-07.0A4L-	3,5	7	16	64	100	8	4	
MC416-08.0A4L-	4	8	19	64	100	8	4	
MC416-09.0A4L-	4,5	9	19	60	100	10	4	
MC416-10.0A4L-	5	10	22	60	100	10	4	
MC416-12.0A4L-	6	12	26	55	100	12	4	
MC416-16.0A4L-	8	16	32	52	100	16	4	
MC416-20.0A4L-	10	20	38	75	125	20	4	



DIN 6535 HA

Designation	R mm	D_c h7 mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	WJ30TF
MC416-03.0W4L-	1,5	3	8	44	80	6	4	
MC416-04.0W4L-	2	4	11	44	80	6	4	
MC416-05.0W4L-	2,5	5	13	44	80	6	4	
MC416-06.0W4L-	3	6	13	44	80	6	4	
MC416-08.0W4L-	4	8	19	64	100	8	4	
MC416-10.0W4L-	5	10	22	60	100	10	4	
MC416-12.0W4L-	6	12	26	55	100	12	4	
MC416-16.0W4L-	8	16	32	52	100	16	4	
MC416-20.0W4L-	10	20	38	75	125	20	4	



DIN 6535 HB

Ordering example for the grade WJ30TF: MC416-03.0A4L-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

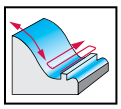
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

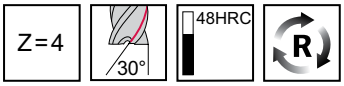
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide ball-nose copy milling cutters

MC416 Advance inch

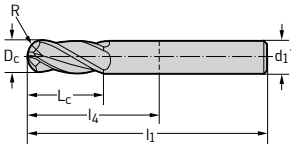
– Type 30





	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool



Cylindrical shank

Designation	R inch	D_c h9 inch	L_c inch	l_4 inch	d_1 inch	l_1 inch	Z	WJ30TF
MC416.1.59A4D-	0,031	0,0625	0,187	0,583	0,250	2,000	4	
MC416.3.18A4D-	0,063	0,1250	0,500	1,083	0,250	2,500	4	
MC416.4.75A4D-	0,094	0,1875	0,625	1,083	0,250	2,500	4	
MC416.6.35A4D-	0,125	0,2500	0,750	1,083	0,250	2,500	4	
MC416.7.94A4D-	0,156	0,3125	0,813	1,437	0,375	3,000	4	
MC416.9.53A4D-	0,188	0,3750	0,875	1,437	0,375	3,000	4	
MC416.11.1A4D-	0,219	0,4375	1,000	1,717	0,500	3,500	4	
MC416.12.7A4D-	0,250	0,5000	1,000	1,717	0,500	3,500	4	

Ordering example for the grade WJ30TF: MC416.1.59A4D-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

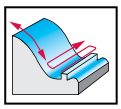
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide ball-nose copy milling cutters

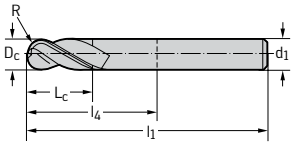
MC416 Advance mm

– Type 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	R mm	D_c h7 mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	WJ30TF
MC416-01.0A2B-	0,5	1	3	10	38	3	2	☺
MC416-01.5A2B-	0,75	1,5	3	10	38	3	2	☺
MC416-02.0A2B-	1	2	6	10,6	38	3	2	☺
MC416-02.5A2B-	1,25	2,5	7	11,5	38	3	2	☺
MC416-03.0A2B-	1,5	3	7	10	38	3	2	☺
MC416-04.0A2B-	2	4	8	21	57	6	2	☺
MC416-05.0A2B-	2,5	5	10	21	57	6	2	☺
MC416-06.0A2B-	3	6	10	21	57	6	2	☺
MC416-07.0A2B-	3,5	7	13	27,1	63	8	2	☺
MC416-08.0A2B-	4	8	16	27	63	8	2	☺
MC416-09.0A2B-	4,5	9	16	32,1	72	10	2	☺
MC416-10.0A2B-	5	10	19	32	72	10	2	☺
MC416-12.0A2B-	6	12	22	38	83	12	2	☺
MC416-14.0A2B-	7	14	22	38	83	14	2	☺
MC416-16.0A2B-	8	16	26	44	92	16	2	☺
MC416-18.0A2B-	9	18	26	44	92	18	2	☺
MC416-20.0A2B-	10	20	32	54	104	20	2	☺

Ordering example for the grade WJ30TF: MC416-01.0A2B-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

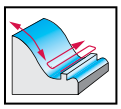
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

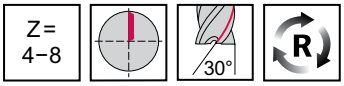
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide circle segment milling cutters

MD838 Supreme mm

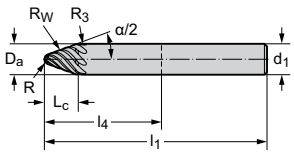
– Conical





	P	M	K	N	S	H	O
WJ30RA		●●		●	●●		
WJ30RD	●●	●●	●	●	●●		

Tool



DIN 6535 HA

Designation	α/2	D_a mm	R_w mm	R_3 mm	R mm	L_c mm	d_1 h5 mm	l_1 mm	Z	WJ30RA	WJ30RD
MD838-06A4P050250-	20°	6	250	3	0,5	7,79	6	65	4	☺	😐
MD838-06A4P100250-	20°	6	250	3	1	6,83	6	65	4	☺	😐
MD838-08A4P050300-	20°	8	300	3	0,5	10,55	8	80	4	☺	😐
MD838-08A4P100300-	20°	8	300	3	1	9,57	8	80	4	☺	😐
MD838-10A4P200400-	20°	10	400	3	2	10,42	10	90	4	☺	😐
MD838-10A8P200400-	20°	10	400	3	2	10,42	10	90	8	☺	😐
MD838-12A4P200500-	20°	12	500	3	2	13,15	12	100	4	☺	😐
MD838-12A4P300500-	20°	12	500	3	3	11,23	12	100	4	☺	😐
MD838-12A8P200500-	20°	12	500	3	2	13,15	12	100	8	☺	😐
MD838-12A8P300500-	20°	12	500	3	3	11,23	12	100	8	☺	😐
MD838-16A4P301000-	20°	16	1.000	5	3	17,07	16	115	4	☺	😐
MD838-16A4P401000-	20°	16	1.000	5	4	15,17	16	115	4	☺	😐

Ordering example for the grade WJ30RA: MD838-06A4P050250-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

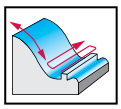
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide circle segment milling cutters

MD839 Supreme mm

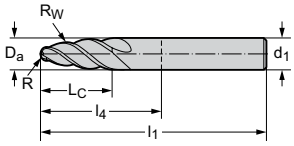
Z=4 | 30° | R

– Tangential



	P	M	K	N	S	H	O
WJ30RA		●●		●	●●		
WJ30RD	●●	●●	●	●	●●		

Tool



DIN 6535 HA

Designation	D_a mm	R mm	R_w mm	L_c mm	d_1 mm	l_1 mm	Z	WJ30RA	WJ30RD
MD839-06A4P10100-	6	1	100	20,8	6	65	4	☺	😐
MD839-08A4P15100-	8	1,5	100	23,55	8	80	4	☺	😐
MD839-10A4P20100-	10	2	100	26,06	10	90	4	☺	😐
MD839-12A4P20100-	12	2	100	29,71	12	100	4	☺	😐
MD839-12A4P30100-	12	3	100	26,94	12	100	4	☺	😐
MD839-16A4P30100-	16	3	100	33,74	16	115	4	☺	😐
MD839-16A4P40100-	16	4	100	31,42	16	115	4	☺	😐

Ordering example for the grade WJ30RA: MD839-06A4P10100-WJ30RA

D1

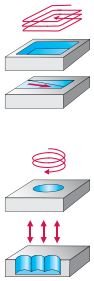
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide milling tools with ConeFit interface



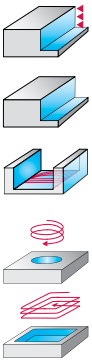
Designation	MC025 Advance	MD025	MD025
Diameter range	10–25,4	10–25	10–25
Number of teeth	4	5–6	5–6
Corner radius	1,5–3,18	1,5–3	1,5–3
Diameter range	0,375–0,750	0,375–1,000	0,375–1,000
Number of teeth	4	5–6	5–6
Corner radius	0,060–0,080	0,060–0,125	0,060–0,125
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30TF	**WJ30TF**	**WJ30RD**
Shank	ConeFit	**ConeFit**	**ConeFit**
P Steel	●●	●●	
M Stainless steel	●		●●
K Cast iron	●	●	
N NF metals			●
S Materials with difficult cutting properties	●		●●
H Hard materials			
O Other			
Page in catalogue	511	509	509
QR code			
www.walter-tools.com/woc/	MC025	MD025	MD025

WALTER SELECT

●● Primary application ● Other application

D1

Solid carbide milling tools with ConeFit interface



Designation	MC128	MD128	MD128
Diameter range	10–25	10–25	10–25
Number of teeth	6–8	6–8	6–8
Corner radius	0,5–4	0,5–4	0,5–4
Diameter range	—	—	—
Number of teeth			
Corner radius			
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30TF	**WJ30TF**	**WJ30RD**
Shank	ConeFit	**ConeFit**	**ConeFit**
P Steel	●●	●●	
M Stainless steel	●		●●
K Cast iron	●	●	
N NF metals			
S Materials with difficult cutting properties	●		●●
H Hard materials			
O Other			
Page in catalogue	515	513	513
QR code			
www.walter-tools.com/woc/	MC128	MD128	MD128

WALTER SELECT

●● Primary application ● Other application

D1

Solid carbide milling tools with ConeFit interface

Designation	MD838	MD838
Diameter range	16	16
Number of teeth	8	8
Corner radius	2–4	2–4
Diameter range	—	—
Number of teeth		
Corner radius		
Standard	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30RD	**WJ30RD**
Shank	ConeFit	**ConeFit**
P Steel	●●	
M Stainless steel		●●
K Cast iron	●	
N NF metals		●
S Materials with difficult cutting properties		●●
H Hard materials		
O Other		
Page in catalogue	517	517
QR code		
www.walter-tools.com/woc/	MD838	MD838

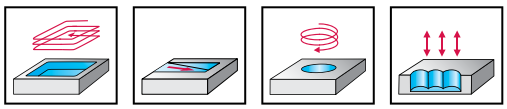
D1

WALTER SELECT

●● Primary application ● Other application

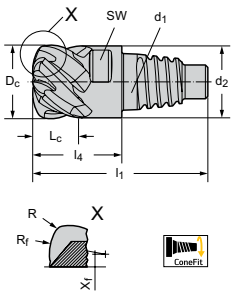
Solid carbide high-feed milling cutter

MD025 mm



	P	M	K	N	S	H	O
WJ30RA		●●		●	●●		
WJ30RD	●●	●●	●	●	●●		

Tool



ConeFit

Designation	D_c h9 mm	L_c mm	x_f mm	R_f mm	R_{ers} mm	R mm	l_1 mm	l_4 mm	SW mm	d_1	Z	WJ30RA	WJ30RD
MD025-10.0E5P150-	10	5,5	1,7	5	1,998	1,5	23,6	12,4	8	E10	5	☺	😐
MD025-12.0E6P150-	12	6,5	2,25	6	2,103	1,5	28,3	14,5	10	E12	6	☺	😐
MD025-16.0E6P200-	16	8,5	3,1	8	2,747	2	35,7	18,7	12	E16	6	☺	😐
MD025-20.0E6P200-	20	11	4	10	3,072	2	40,8	21,3	16	E20	6	☺	😐
MD025-25.0E6P300-	25	13,5	5	12	4,206	3	49,6	25,6	20	E25	6	☺	😐

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30RA: MD025-10.0E5P150-WJ30RA

D1

WALTER SELECT

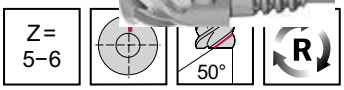
●● Primary application ● Other application

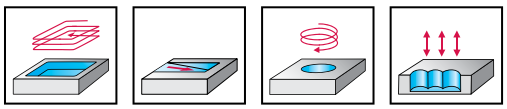
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide high-feed milling cutter

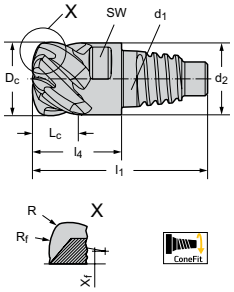
MD025 inch





	P	M	K	N	S	H	O
WJ30RA		●●		●	●●		
WJ30RD	●●	●●	●	●	●●		

Tool



ConeFit

Designation	D_c h9 inch	L_c inch	x_f inch	R_f inch	R_{ers} inch	R inch	l_1 inch	l_4 inch	SW inch	d_1	Z	WJ30RA	WJ30RD
MD025.9.53E5P152-	0,3750	0,209	0,067	0,181	0,076	0,060	0,929	0,488	0,315	E10	5	☺	☹
MD025.12.7E6P152-	0,5000	0,276	0,098	0,236	0,086	0,060	1,114	0,571	0,394	E12	6	☺	☹
MD025.15.9E6P203-	0,6250	0,335	0,118	0,315	0,110	0,080	1,406	0,736	0,472	E16	6	☺	☹
MD025.19.1E6P203-	0,7500	0,413	0,157	0,354	0,117	0,080	1,606	0,839	0,630	E20	6	☺	☹
MD025.25.4E6P318-	1,0000	0,551	0,197	0,472	0,174	0,125	1,953	1,008	0,787	E25	6	☺	☹

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30RA: MD025.12.7E6P152-WJ30RA

D1

WALTER SELECT

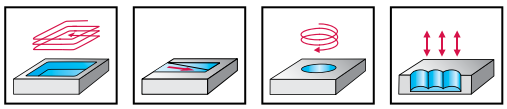
●● Primary application ● Other application

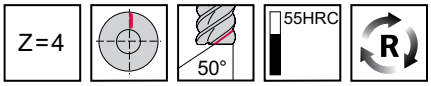
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide high-feed milling cutter

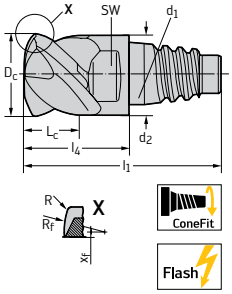
MC025 Advance mm





	P	M	K	N	S	H	O
WJ30TF	●●	●	●		●		

Tool



ConeFit

Designation	D_c h9 mm	a_{pf} mm	x_f mm	R_f mm	R_{ers} mm	R mm	l_1 mm	l_4 mm	d_1	Z	SW mm	WJ30TF
MC025-10.0E4P150-	10	5,5	1,7	5	1,998	1,5	23,6	12,4	E10	4	8	☺
MC025-12.0E4P150-	12	6,5	2,25	6	2,103	1,5	28,3	14,5	E12	4	10	☺
MC025-16.0E4P200-	16	8,5	3,1	8	2,747	2	35,7	18,7	E16	4	12	☺
MC025-20.0E4P200-	20	11	4	10	3,072	2	40,8	21,3	E20	4	16	☺
MC025-25.0E4P300-	25	13,5	5	12	4,206	3	49,6	25,6	E25	4	20	☺

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30TF: MC025-10.0E4P150-WJ30TF

D1

WALTER SELECT

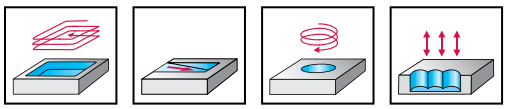
●● Primary application ● Other application

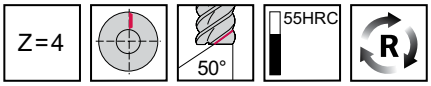
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide high-feed milling cutter

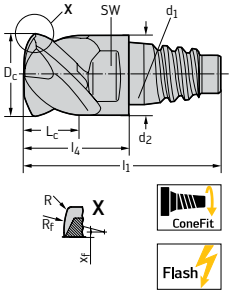
MC025 Advance inch





	P	M	K	N	S	H	O
WJ30TF	●●	●	●		●		

Tool



ConeFit

Designation	D_c h9 mm	a_{pf} mm	x_f mm	R_f mm	R_{ers} mm	R mm	l_1 mm	l_4 mm	d_1	Z	SW mm	WJ30TF
MC025.9.53E4P152-	10,0000	5,3	1,7	4,6	1,936	1,500	23,6	12,4	E10	4	8	☺
MC025.12.7E4P152-	13,0000	7	2,5	6	2,176	1,500	28,3	14,5	E12	4	10	☺
MC025.15.9E4P203-	16,0000	8,5	3	8	2,787	2,000	35,7	18,7	E16	4	12	☺
MC025.19.1E4P203-	19,0000	10,5	4	9	2,971	2,000	40,8	21,3	E20	4	16	☺
MC025.25.4E4P318-	25	14	5	12	4,423	3,2	49,6	25,6	E25	4	20	☺

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30TF: MC025.12.7E4P152-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

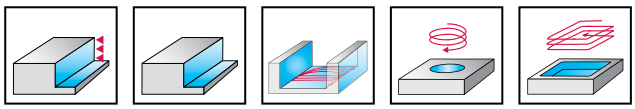
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

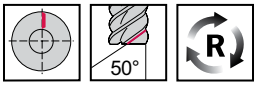
Solid carbide shoulder milling cutters

MD128 mm

– Type N 50

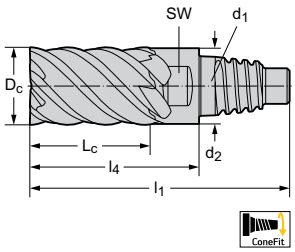


Z= 6–8



	P	M	K	N	S	H	O
WJ30RA		●●			●●		
WJ30RD	●●	●●	●		●●		

Tool



ConeFit

Designation	D_c h10 mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30RA	WJ30RD
MD128-10.0E6X-	10	15	9,7	33,1	21,9	E10	8	6	☺	😐
MD128-12.0E6X-	12	18	11,7	39,8	26	E12	10	6	☺	😐
MD128-16.0E6X-	16	24	15,5	51,2	34,2	E16	12	6	☺	😐
MD128-20.0E8X-	20	30	19,3	59,8	40,3	E20	16	8	☺	😐
MD128-25.0E8X-	25	37,5	24,2	73,6	49,8	E25	20	8	☺	😐

Shoulder milling $a_e \leq 0{,}05 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0{,}03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD128-10.0E6X-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

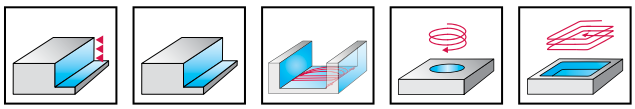
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder milling cutters

MD128 mm

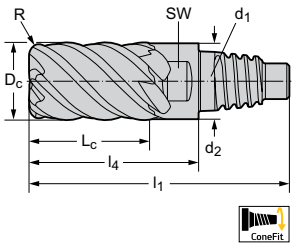
Z= 6–8 | 50° | R

– Type N 50



	P	M	K	N	S	H	O
WJ30RA		●●			●●		
WJ30RD	●●	●●	●		●●		

Tool



ConeFit

Designation	D_c h9 mm	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30RA	WJ30RD
MD128-10.0E6X050-	10	0,5	15	9,7	33,1	21,9	E10	8	6	☺	😐
MD128-10.0E6X100-	10	1	15	9,7	33,1	21,9	E10	8	6	☺	😐
MD128-12.0E6X050-	12	0,5	18	11,7	39,8	26	E12	10	6	☺	😐
MD128-12.0E6X100-	12	1	18	11,7	39,8	26	E12	10	6	☺	😐
MD128-12.0E6X200-	12	2	18	11,7	39,8	26	E12	10	6	☺	😐
MD128-16.0E6X050-	16	0,5	24	15,5	51,2	34,2	E16	12	6	☺	😐
MD128-16.0E6X100-	16	1	24	15,5	51,2	34,2	E16	12	6	☺	😐
MD128-16.0E6X200-	16	2	24	15,5	51,2	34,2	E16	12	6	☺	😐
MD128-20.0E8X100-	20	1	30	19,3	59,8	40,3	E20	16	8	☺	😐
MD128-20.0E8X400-	20	4	30	19,3	59,8	40,3	E20	16	8	☺	😐
MD128-25.0E8X100-	25	1	37,5	24,2	73,6	49,8	E25	20	8	☺	😐
MD128-25.0E8X400-	25	4	37,5	24,2	73,6	49,8	E25	20	8	☺	😐

Shoulder milling $a_e \leq 0,05 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0,03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD128-10.0E6X050-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

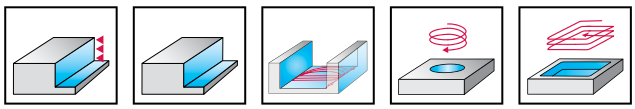
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

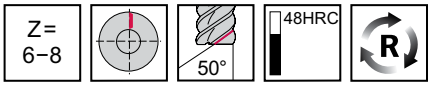
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide shoulder milling cutters

MC128 mm

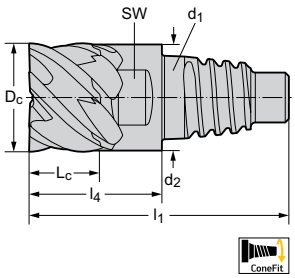
– Type N 50





	P	M	K	N	S	H	O
WJ30TF	●●	●	●		●		

Tool



ConeFit

Designation	D_c h10 mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30TF
MC128-10.0E6P-	10	5,5	9,7	23,6	12,4	E10	8	6	☺
MC128-12.0E6P-	12	6,5	11,7	28,3	14,5	E12	10	6	☺
MC128-16.0E6P-	16	8,5	15,5	35,7	18,7	E16	12	6	☺
MC128-20.0E8P-	20	11	19,3	40,8	21,3	E20	16	8	☺
MC128-25.0E8P-	25	13,5	24,2	49,6	25,6	E25	20	8	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WJ30TF: MC128-10.0E6P-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

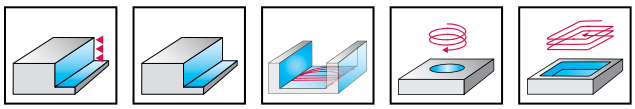
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

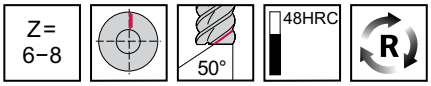
☺ 😐 ☹ / ★ = New addition to the product range

Solid carbide shoulder milling cutters

MC128 mm

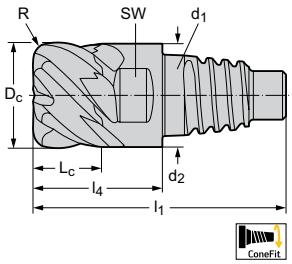
– Type N 50





	P	M	K	N	S	H	O
WJ30TF	●●	●	●		●		

Tool



ConeFit

Designation	D_c h9 mm	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30TF
MC128-10.0E6P050-	10	0,5	5,5	9,7	23,6	12,4	E10	8	6	☺
MC128-10.0E6P100-	10	1	5,5	9,7	23,6	12,4	E10	8	6	☺
MC128-12.0E6P050-	12	0,5	6,5	11,7	28,3	14,5	E12	10	6	☺
MC128-12.0E6P100-	12	1	6,5	11,7	28,3	14,5	E12	10	6	☺
MC128-12.0E6P150-	12	1,5	6,5	11,7	28,3	14,5	E12	10	6	☺
MC128-12.0E6P200-	12	2	6,5	11,7	28,3	14,5	E12	10	6	☺
MC128-16.0E6P050-	16	0,5	8,5	15,5	35,7	18,7	E16	12	6	☺
MC128-16.0E6P100-	16	1	8,5	15,5	35,7	18,7	E16	12	6	☺
MC128-16.0E6P150-	16	1,5	8,5	15,5	35,7	18,7	E16	12	6	☺
MC128-16.0E6P200-	16	2	8,5	15,5	35,7	18,7	E16	12	6	☺
MC128-20.0E8P100-	20	1	11	19,3	40,8	21,3	E20	16	8	☺
MC128-20.0E8P200-	20	2	11	19,3	40,8	21,3	E20	16	8	☺
MC128-20.0E8P400-	20	4	11	19,3	40,8	21,3	E20	16	8	☺
MC128-25.0E8P100-	25	1	13,5	24,2	49,6	25,6	E25	20	8	☺
MC128-25.0E8P200-	25	2	13,5	24,2	49,6	25,6	E25	20	8	☺
MC128-25.0E8P400-	25	4	13,5	24,2	49,6	25,6	E25	20	8	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WJ30TF: MC128-10.0E6P050-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

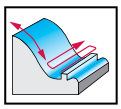
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

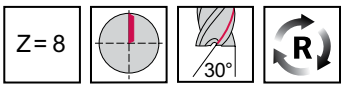
New addition to the product range = ☺ 😐 ☹ / ★

Solid carbide circle segment milling cutters

MD838 mm

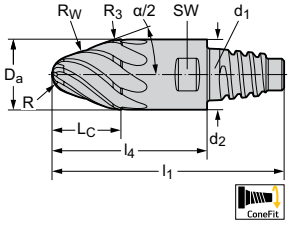
– Conical





	P	M	K	N	S	H	O
WJ30RA		●●		●	●●		
WJ30RD	●●	●●	●	●	●●		

Tool



ConeFit

Designation	α/2	D_a mm	R_w mm	R_3 mm	R mm	L_c mm	l_4 mm	d_1	l_1 mm	Z	SW mm	WJ30RA	WJ30RD
MD838-16E8P201000-	20°	16	1.000	5	2	18,99	34,2	E16	51,2	8	12	☺	😐
MD838-16E8P301000-	20°	16	1.000	5	3	17,07	34,2	E16	51,2	8	12	☺	😐
MD838-16E8P401000-	20°	16	1.000	5	4	15,17	34,2	E16	51,2	8	12	☺	😐

Ordering example for the grade WJ30RA: MD838-16E8P201000-WJ30RA

D1

WALTER SELECT

●● Primary application ● Other application

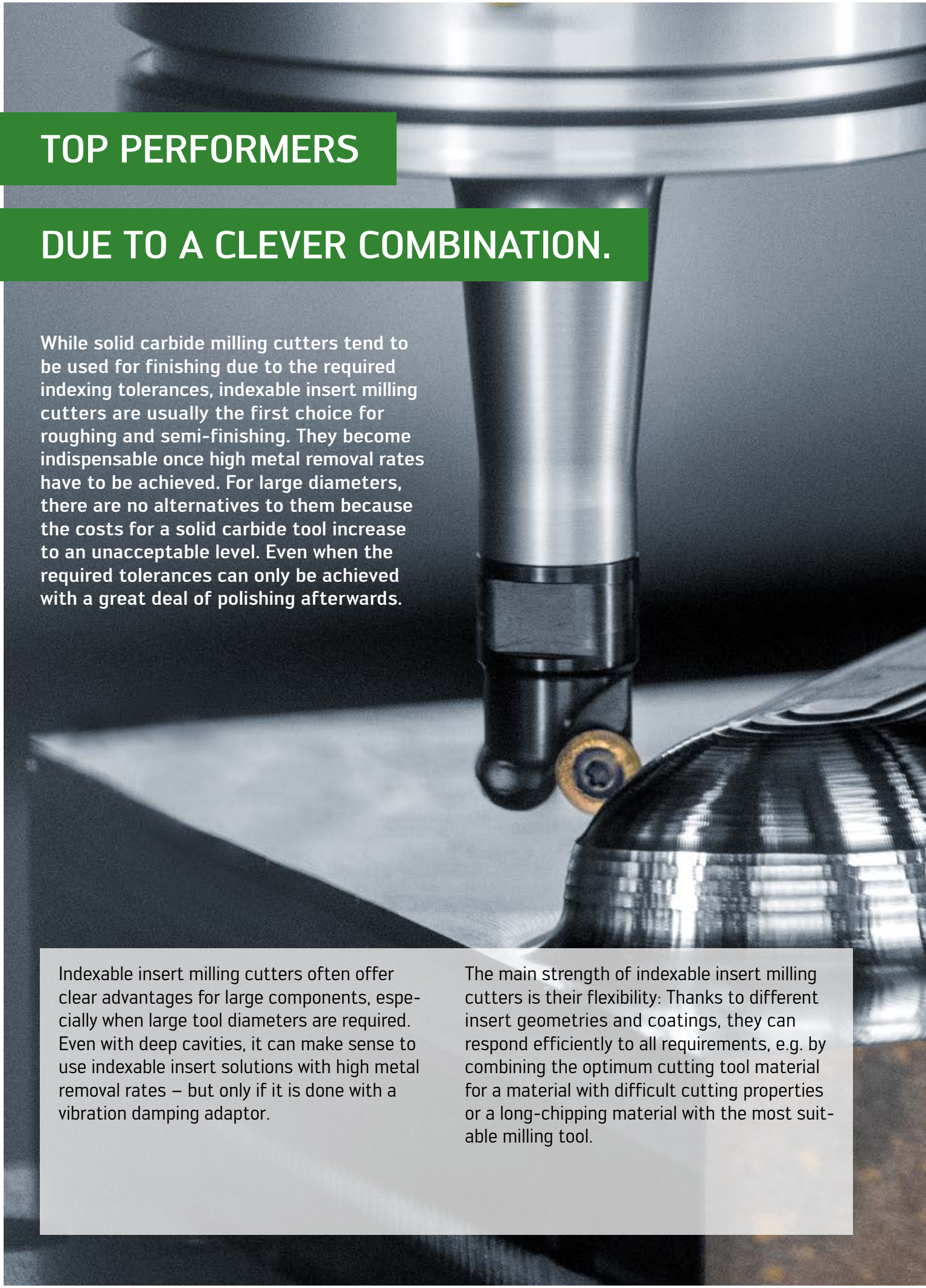
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

TOP PERFORMERS

DUE TO A CLEVER COMBINATION.

While solid carbide milling cutters tend to be used for finishing due to the required indexing tolerances, indexable insert milling cutters are usually the first choice for roughing and semi-finishing. They become indispensable once high metal removal rates have to be achieved. For large diameters, there are no alternatives to them because the costs for a solid carbide tool increase to an unacceptable level. Even when the required tolerances can only be achieved with a great deal of polishing afterwards.



Indexable insert milling cutters often offer clear advantages for large components, especially when large tool diameters are required. Even with deep cavities, it can make sense to use indexable insert solutions with high metal removal rates – but only if it is done with a vibration damping adaptor.

The main strength of indexable insert milling cutters is their flexibility: Thanks to different insert geometries and coatings, they can respond efficiently to all requirements, e.g. by combining the optimum cutting tool material for a material with difficult cutting properties or a long-chipping material with the most suitable milling tool.

THE BENEFITS OF WALTER INDEXABLE INSERT MILLING CUTTERS

Milling cutters and interfaces:

Achieve the highest metal removal rates, stability and process reliability – with Xtra·tec® XT, the latest generation of milling cutters from Walter, with reinforced body and maximised number of teeth.

Walter high feed milling cutters such as the Xtra·tec® XT M5008 increase productivity by efficiently combining the maximum number of teeth per diameter with the latest cutting tool materials.

Xtra·tec® XT M5468 button insert milling cutters maximise cost efficiency with eight safely useable, indexable cutting edges.

Versatility due to availability of all common interfaces with the cylindrical modular interface – also on an already existing customer system.

Economical and efficient even with long overhangs and deep cavities due to Walter Accure·tec® adaptors for vibration damping.

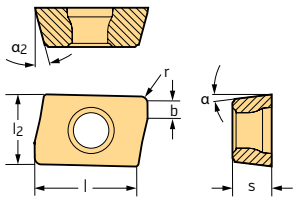
Indexable inserts:

State of the art cutting tool materials such as Walter Tiger·tec® Gold multiply tool life and metal removal rates.

Can be used for almost any application due to a wide portfolio of indexable insert basic shapes and geometries.

Special Walter grades for hard machining, such as WHH15X, are benchmarks for performance and wear resistance.

Positive rhombic
ACGT / ACMT
Tiger·tec® Gold



Indexable inserts

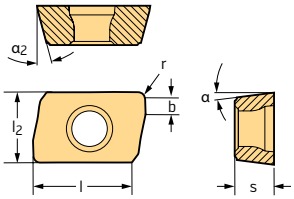
	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	α_2	b mm	P HC				M HC		K HC					N HC	N HW	S HC	
											WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSP45G
	ACGT060204R-G65	G	2	2,38	6,7	4,4	0,4	7°	15°	0,9	☺	😐	😐	☹	😐	☹			😐	☹	☹			😐	☹
	ACGT060204R-M85	G	2	2,38	6,7	4,4	0,4	7°	15°	0,9												☺	😐		
	ACMT060202R-G55	M	2	2,38	6,7	4,4	0,2	7°	15°	1		😐	😐	☹		☹				😐	😐				☹
	ACMT060204R-G55	M	2	2,38	6,7	4,4	0,4	7°	15°	0,9	☺	😐	😐	☹	😐	☹	☺	😐	😐	😐	😐			😐	☹
	ACMT060208R-G55	M	2	2,38	6,7	4,4	0,8	7°	15°	0,8		😐	😐	☹		☹				😐	😐				☹
	ACMT060212R-G55	M	2	2,38	6,7	4,4	1,2	7°	15°	0,6		😐	😐	☹		☹				😐	😐				☹
	ACMT060216R-G55	M	2	2,38	6,7	4,4	1,6	7°	15°	0,1		😐	😐	☹		☹				😐	😐				☹
	ACMT060204R-K55	M	2	2,38	6,7	4,4	0,4	7°	15°	0,9		☺	☺	😐	☺	😐				😐	😐			☺	😐

Ordering example for the grade WKP25S: ACGT060204R-G65 WKP25S
Ordering example for the grade WKP35G: ACGT060204R-G65 WKP35G

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

Positive rhombic
BCGT / BCHT / BCMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	l_2 mm	L_c mm	s mm	l mm	r mm	α	α_2	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	N DP WDN20	S HC WSM35G	S HC WSM45X	S HC WSP45G
	BCGT090304R-G55	G	2			3,21	10,3	0,4	7°	15°	1,2	☺	☺	☺	☹	☺		☹	☺		☺	☺	☺				☺		☹
	BCGT120408R-G55	G	2			4,8	13,8	0,8	7°	15°	1,3	☺	☺	☺	☹	☺		☹			☺	☺	☺				☺		☹
	BCGT160508R-G55	G	2			5,75	17,3	0,8	7°	15°	2	☺	☺	☺	☹	☺		☹	☺		☺	☺	☺				☺		☹
	BCGT090304R-K85	G	2			3,21	10,3	0,4	7°	15°	1,2													☺	☺				
	BCHT120404R-K85	H	2			4,8	13,8	0,4	7°	15°	1,7													☺	☺				
	BCHT120408R-K85	H	2			4,8	13,8	0,8	7°	15°	1,3													☺	☺				
	BCHT120412R-K85	H	2			4,8	13,8	1,2	7°	15°	1,2													☺	☺				
	BCHT120416R-K85	H	2			4,8	13,8	1,6	7°	15°	1,1													☺	☺				
	BCHT120420R-K85	H	2			4,8	13,8	2	7°	15°	1,2													☺	☺				
	BCHT120425R-K85	H	2			4,8	13,8	2,5	7°	15°	1													☺	☺				
	BCHT120430R-K85	H	2			4,8	13,8	3	7°	15°	0,7													☺	☺				
	BCHT120440R-K85	H	2			4,8	13,8	4	7°	15°	0,4													☺	☺				
	BCHT160508R-K85	H	2			5,75	17,3	0,8	7°	15°	2													☺	☺				
	BCHT160512R-K85	H	2			5,75	17,3	1,2	7°	15°	1,7													☺	☺				
	BCHT160516R-K85	H	2			5,75	17,3	1,6	7°	15°	1,7													☺	☺				
	BCHT160520R-K85	H	2			5,75	17,3	2	7°	15°	1,5													☺	☺				
	BCHT160525R-K85	H	2			5,75	17,3	2,5	7°	15°	1,4													☺	☺				
	BCHT160530R-K85	H	2			5,75	17,3	3	7°	15°	1,2													☺	☺				
	BCHT160540R-K85	H	2			5,75	17,3	4	7°	15°	1,1													☺	☺				
	BCMT090304R-F55	M	2			3,21	10,3	0,4	7°	15°	1,2	☺	☺	☺			☹		☺	☺	☺	☺	☺					☹	
	BCMT120408R-F55	M	2			4,8	13,8	0,8	7°	15°	1,3	☺	☺	☺	☹			☹	☺	☺	☺	☺	☺						☹
	BCMT160508R-F55	M	2			5,75	17,3	0,8	7°	15°	2	☺	☺	☺	☹		☹	☹	☺	☺	☺	☺	☺					☹	☹

Ordering example for the grade WAK15: BCGT090304R-G55 WAK15
Ordering example for the grade WKP25S: BCGT090304R-G55 WKP25S
Ordering example for the grade WKP35G: BCGT090304R-G55 WKP35G

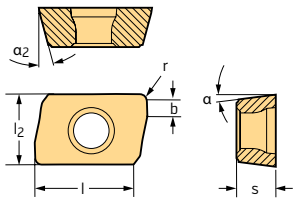
HC = Coated carbide
HW = Uncoated carbide
DP = Polycrystalline diamond

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Positive rhombic
BCGT / BCHT / BCMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	l_2 mm	L_c mm	s mm	l mm	r mm	α	α_2	b mm	P HC				M HC			K HC					N HC	N HW	N DP	S HC		
												WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WDN20	WSM35G	WSM45X	WSP45G
	BCMT090302R-G55	M	2			3,21	10,3	0,2	7°	15°	1,4		●	●	●			●				●	●						●
	BCMT090304R-G55	M	2			3,21	10,3	0,4	7°	15°	1,2	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●
	BCMT090308R-G55	M	2			3,21	10,3	0,8	7°	15°	0,8		●	●	●		●	●				●	●						●
	BCMT090312R-G55	M	2			3,21	10,3	1,2	7°	15°	0,4		●	●	●			●				●	●						●
	BCMT090316R-G55	M	2			3,21	10,3	1,6	7°	15°	0,4		●	●	●		●	●				●	●						●
	BCMT090320R-G55	M	2			3,21	10,3	2	7°	15°	0,4		●	●	●		●	●				●	●						●
	BCMT120404R-G55	M	2			4,8	13,8	0,4	7°	15°	1,3		●	●	●			●				●	●						●
	BCMT120408R-G55	M	2			4,8	13,8	0,8	7°	15°	1,3	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●
	BCMT120412R-G55	M	2			4,8	13,8	1,2	7°	15°	1,2		●	●	●		●	●				●	●						●
	BCMT120416R-G55	M	2			4,8	13,8	1,6	7°	15°	1,1		●	●	●		●	●				●	●						●
	BCMT120420R-G55	M	2			4,8	13,8	2	7°	15°	1,2		●	●	●		●	●				●	●						●
	BCMT120425R-G55	M	2			4,8	13,8	2,5	7°	15°	1		●	●	●			●				●	●						●
	BCMT120430R-G55	M	2			4,8	13,8	3	7°	15°	0,7		●	●	●		●	●				●	●						●
	BCMT120432R-G55	M	2			4,8	13,8	3,2	7°	15°	0,5		●	●	●			●				●	●						●
	BCMT120440R-G55	M	2			4,8	13,8	4	7°	15°	0,4		●	●	●		●	●				●	●						●
	BCMT160508R-G55	M	2			5,75	17,3	0,8	7°	15°	2	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●
	BCMT160512R-G55	M	2			5,75	17,3	1,2	7°	15°	1,7		●	●	●		●	●				●	●						●
	BCMT160516R-G55	M	2			5,75	17,3	1,6	7°	15°	1,5		●	●	●		●	●				●	●						●
	BCMT160520R-G55	M	2			5,75	17,3	2	7°	15°	1,5		●	●	●		●	●				●	●						●
	BCMT160525R-G55	M	2			5,75	17,3	2,5	7°	15°	1,4		●	●	●		●	●				●	●						●
	BCMT160530R-G55	M	2			5,75	17,3	3	7°	15°	1,2		●	●	●		●	●				●	●						●
	BCMT160532R-G55	M	2			5,75	17,3	3,2	7°	15°	1,1		●	●	●			●				●	●						●
	BCMT160540R-G55	M	2			5,75	17,3	4	7°	15°	1,1		●	●	●		●	●				●	●						●
	BCMT160550R-G55	M	2			5,75	17,3	5	7°	15°	0,7		●	●	●			●				●	●						●
	BCMT160560R-G55	M	2			5,75	17,3	6	7°	15°	0,1		●	●	●		●	●				●	●						●
	BCMT090304R-K55	M	2			3,21	10,3	0,4	7°	15°	1,2		●	●	●	●		●				●	●				●		●
	BCMT120408R-K55	M	2			4,8	13,8	0,8	7°	15°	1,3		●	●	●	●		●				●	●				●		●
	BCMT160508R-K55	M	2			5,75	17,3	0,8	7°	15°	2		●	●	●	●	●	●				●	●				●	●	●
	BCGT090304R-B85	G	1	6,3	4	3,21	10,3	0,4	7°	15°																●			
	BCGT120408R-B85	G	1	7,6	8	4,8	13,8	0,8	7°	15°																●			

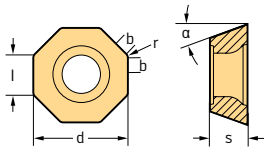
Ordering example for the grade WAK15: BCGT090304R-G55 WAK15
Ordering example for the grade WKP25S: BCGT090304R-G55 WKP25S
Ordering example for the grade WKP35G: BCGT090304R-G55 WKP35G

HC = Coated carbide
HW = Uncoated carbide
DP = Polycrystalline diamond

D2

New addition to the product range = ● ● ● / ★

Positive octagonal
ODHW / ODHT / ODMT / ODMW
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	K CN WSN10	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	ODHW060516-A57	H	8	5,56	15,88	6,58	1,6	15°														☻					
	ODHT050408-F57	H	8	4,76	12,7	5,26	0,8	15°			😐	😐	☹			☹				☹	☹						☹
	ODHT060512-F57	H	8	5,56	15,88	6,58	1,2	15°			😐	😐	☹			☹				☹	☹						☹
	ODHW0504ZZN-A57	H	8	4,76	12,7	5,26	0,8	15°	1,2	😐	☹	☹					☻		😐	☹	☹						
	ODHW0605ZZN-A57	H	8	5,56	15,88	6,58	0,8	15°	1,6	😐	☹	☹					☻		😐	☹	☹						
	ODHT0504ZZN-F57	H	8	4,76	12,7	5,26	0,8	15°	1,2	☻	😐	😐	☹	😐		☹			😐	☹	☹				😐		☹
	ODHT0605ZZN-F57	H	8	5,56	15,88	6,58	0,8	15°	1,6	☻	😐	😐	☹	😐		☹			😐	☹	☹				😐		☹
	ODHT0504ZZN-G77	H	8	4,76	12,7	5,26	0,8	15°	1,6				😐			😐											😐
	ODHT0605ZZN-G77	H	8	5,56	15,88	6,58	0,8	15°	1,6				😐			😐											😐
	ODHT0504ZZN-G88	H	8	4,76	12,7	5,26	0,8	15°	1,2													☻	😐			
	ODHT0605ZZN-G88	H	8	5,56	15,88	6,58	0,8	15°	1,6													☻	😐			
	ODMT0504ZZN-F57	M	8	4,76	12,7	5,26	0,8	15°	1,2	☻	😐	😐	☹	😐		☹			😐	☹	☹				😐		☹
	ODMT0605ZZN-F57	M	8	5,56	15,88	6,58	0,8	15°	1,6	☻	😐	😐	☹	😐		☹			😐	☹	☹				😐		☹
	ODMT050408-D57	M	8	4,76	12,7	5,26	0,8	15°			😐	😐	☹	😐		☹		😐		☹	☹				😐		☹
	ODMT060512-D57	M	8	5,56	15,88	6,58	1,2	15°			😐	😐	☹	😐		☹		😐		☹	☹				😐		☹
	ODMT0504ZZN-D57	M	8	4,76	12,7	5,26	0,8	15°	1,2	☻	😐	😐	☹	😐	☹	☹		😐	😐	☹	☹				😐	☹	☹
	ODMT0605ZZN-D57	M	8	5,56	15,88	6,58	0,8	15°	1,6	☻	😐	😐	☹	😐	☹	☹		😐	😐	☹	☹				😐	☹	☹
	ODMW050408T-A27	M	8	4,76	12,7	5,26	0,8	15°		😐	☹	☹						😐	😐	☹	☹						
	ODMW060508T-A27	M	8	5,56	15,88	6,58	0,8	15°		😐	☹	☹						😐	😐	☹	☹						
	ODMW050408-A57	M	8	4,76	12,7	5,26	0,8	15°		😐		☹					☻	😐	😐		☹						
	ODMW060508-A57	M	8	5,56	15,88	6,58	0,8	15°		😐	☹	☹					☻	😐	😐	☹	☹						

Ordering example for the grade WSN10: ODHW060516-A57 WSN10

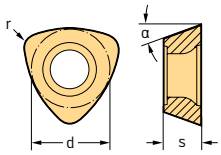
HC = Coated carbide
CN = Silicon nitride Si_3N_4
HW = Uncoated carbide

D2

WALTER SELECT Optimum indexable insert for ➔ Good = ☻ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

☻ 😐 ☹ / ★ = New addition to the product range

Positive triangular
P26335 / P26337 / P26339
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	r mm	α	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	P26335R10	M	3	3,18	6,75	0,8	14°		☹	☹	☹	😐	☹		☹	☹	😐	☹
	P26335R14	M	3	3,97	9,52	1,2	14°	😐	☹	☹	☹	😐	☹	😐	☹	☹	😐	☹
	P26335R25	M	3	5,56	13	2	14°	😐	☹	☹	☹	😐	☹	😐	☹	☹	😐	☹
	P26337R10	M	3	3,18	6,75	0,8	14°		☹	☹	☹		☹		☹	☹		☹
	P26337R14	M	3	3,97	9,52	1,2	14°		☹	☹	☹		☹		☹	☹		☹
	P26337R25	M	3	5,56	13	2	14°	😐	☹	☹	☹		☹	😐	☹	☹		☹
	P26339R10	M	3	3,18	6,75	0,8	14°		☹	☹	☹	😐	☹		☹	☹	😐	☹
	P26339R14	M	3	3,97	9,52	1,2	14°		☹	☹	☹	😐	☹		☹	☹	😐	☹
	P26339R25	M	3	5,56	13	2	14°	😐	☹	☹	☹	😐	☹	😐	☹	☹	😐	☹

Ordering example for the grade WKP35G: P26335R10 WKP35G

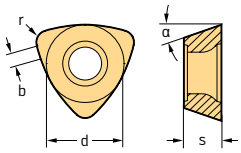
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Positive triangular
P26379
Tiger·tec® Gold



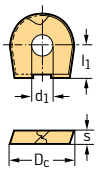
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	r mm	α	b mm	P HC			M HC	K HC		S HC
									WKP35G	WKP35S	WSP45G	WSP45G	WKP35G	WKP35S	WSP45G
	P26379-R10	M	3	3,18	6,75	0,8	14°	0,9			☹	☹			☹
	P26379-R14	M	3	3,97	9,52	1,2	14°	1	☹	☹	☹	☹	☹	☹	☹
	P26379-R25	M	3	5,56	13	2	14°	1,1	☹	☹	☹	☹	☹	☹	☹

Ordering example for the grade WSP45G: P26379-R10 WSP45G

HC = Coated carbide

Profile milling cutter inserts
P3204 / P3201
Tiger·tec® Gold



Indexable inserts

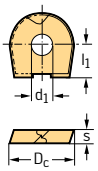
	Designation	Tolerance class	Number of cutting edges	$D_c^{-0.03}$ mm	s mm	l_1 mm	d_1 mm	P HC					M HC			K HC			S HC			H HC
								WHH15X	WKP25	WKP35	WSP46	WSP46G	WSM36	WSP46	WSP46G	WHH15X	WKP25	WKP35	WSM36	WSP46	WSP46G	WHH15X
	P3204-D08	H	2	8	2	4	3				☹	☹	😐	☹	☹	🙂			😐	☹	☹	🙂
	P3204-D10	H	2	10	2,5	5	4				☹	☹	😐	☹	☹	🙂			😐	☹	☹	🙂
	P3204-D12	H	2	12	2,5	6	5				☹	☹	😐	☹	☹	🙂			😐	☹	☹	🙂
	P3204-D16	H	2	16	3	6	5		🙂		☹	☹	😐	☹	☹	🙂	😐		😐	☹	☹	🙂
	P3204-D20	H	2	20	3	6	5		🙂		☹	☹	😐	☹	☹	🙂	😐		😐	☹	☹	🙂
	P3204-D25	H	2	25	4	9	6				☹	☹	😐	☹	☹	🙂			😐	☹	☹	🙂
	P3204-D30	H	2	30	5	10	8				☹	☹	😐	☹	☹	🙂			😐	☹	☹	🙂
	P3204-D32	H	2	32	5	10	8				☹	☹	😐	☹	☹	🙂			😐	☹	☹	🙂
	P3204-D07.94	H	2	7,940	2	4	3					☹			☹	🙂					☹	🙂
	P3204-D09.52	H	2	9,530	2,5	5	4				☹	☹		☹	☹	🙂				☹	☹	🙂
	P3204-D12.7	H	2	12,700	2,5	6	5				☹	☹	😐	☹	☹	🙂			😐	☹	☹	🙂
	P3204-D15.87	H	2	15,880	3	6	5				☹	☹		☹	☹	🙂				☹	☹	🙂
	P3204-D19.05	H	2	19,050	3	6	5				☹	☹	😐	☹	☹	🙂			😐	☹	☹	🙂
	P3204-D25.4	H	2	25,400	4	9	6				☹	☹		☹	☹	🙂				☹	☹	🙂
	P3204-D31.75	H	2	31,750	5	10	8				☹	☹		☹	☹	🙂				☹	☹	🙂

Ordering example for the grade WHH15X: P3204-D08 WHH15X
Ordering example for the grade WSM36: P3204-D08 WSM36
Ordering example for the grade WSP46: P3204-D08 WSP46
Ordering example for the grade WSP46G: P3204-D08 WSP46G

HC = Coated carbide

WALTER SELECT Optimum indexable insert for → Good = 🙂 → Average = 😐 → Poor = ☹ machining conditions

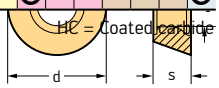
Profile milling cutter inserts
P3204 / P3201
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	$D_c^{-0,03}$ mm	s mm	l_1 mm	d_1 mm	P HC					M HC			K HC			S HC			H HC
								WHH15X	WKP25	WKP35	WSP46	WSP46G	WSM36	WSP46	WSP46G	WHH15X	WKP25	WKP35	WSM36	WSP46	WSP46G	WHH15X
	P3201-D08	H	2	8	2	4	3	☺								☺						☺
	P3201-D10	H	2	10	2,5	5	4	☺	😐	☹						☺	😐	☹				☺
	P3201-D12	H	2	12	2,5	6	5	☺	😐	☹						☺	😐	☹				☺
	P3201-D16	H	2	16	3	6	5	☺	😐	☹						☺	😐	☹				☺
	P3201-D20	H	2	20	3	6	5	☺	😐	☹						☺	😐	☹				☺
	P3201-D25	H	2	25	4	9	6	☺	😐	☹						☺	😐	☹				☺
	P3201-D30	H	2	30	5	10	8	☺								☺						☺
	P3201-D32	H	2	32	5	10	8	☺								☺						☺
	P3201-D07.94	H	2	7,940	2	4	3	☺								☺						☺
	P3201-D09.52	H	2	9,530	2,5	5	4	☺								☺						☺
	P3201-D12.7	H	2	12,700	2,5	6	5	☺								☺						☺
	P3201-D15.87	H	2	15,880	3	6	5	☺								☺						☺
	P3201-D19.05	H	2	19,050	3	6	5	☺								☺						☺
	P3201-D25.4	H	2	25,400	4	9	6	☺								☺						☺
	P3201-D31.75	H	2	31,750	5	10	8	☺								☺						☺

HC = Coated carbide



Positive round
ROMX / ROHX
Tiger·tec® Gold

Ordering example for the grade WHH15X: P3204-D08 WHH15X
Ordering example for the grade WSM36: P3204-D08 WSM36
Ordering example for the grade WSP46: P3204-D08 WSP46
Ordering example for the grade WSP46G: P3204-D08 WSP46G

Indexable inserts

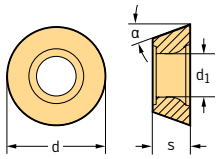
	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d_1 mm	P HC		M HC			S HC	
								WMP45G	WSP45G	WSM35G	WMP45G	WSP45G	WSM35G	WSP45G
	ROMX0803M0-D57	M	4	3,18	8	11°	3,4			😐			😐	
	ROMX10T3M0-D57	M	4	3,97	10	11°	4,4	☹		😐	☹		😐	
	ROMX1204M0-D57	M	4	4,76	12	11°	4,4	☹		😐	☹		😐	
	ROMX1605M0-D57	M	8	5,56	16	15°	5,5			😐			😐	
	ROMX2006M0-D57	M	8	6,35	20	15°	6,5			😐			😐	
	ROMX10T3M0-D67	M	4	3,97	10	11°	3,9		😐	😐		😐	😐	😐
	ROMX1204M0-D67	M	4	4,76	12	11°	4,4	😐	😐		😐	😐		😐
	ROMX10T3M0-F67	M	4	3,97	10	11°	4,4	☹	☹		☹	☹		☹
	ROMX1204M0-F67	M	4	4,76	12	11°	4,4	☹	☹		☹	☹		☹
	ROMX250700-G77	M	8	7,94	25	15°	8,6		😐			😐		😐
	ROHX0803M0-D57	H	4	3,18	8	11°	3,4			😐			😐	
	ROHX10T3M0-D57	H	4	3,97	10	11°	4,4			😐			😐	
	ROHX1204M0-D57	H	4	4,76	12	11°	4,4			😐			😐	
	ROHX2006M0-D57	H	8	6,35	20	15°	6,5		☹			☹		☹

Ordering example for the grade WSM35G: ROMX0803M0-D57 WSM35G

HC = Coated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Positive round
ROMX / ROHX
Tiger·tec® Gold



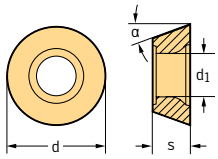
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d_1 mm	P HC WMP45G	P HC WSP45G	M HC WSM35G	M HC WMP45G	M HC WSP45G	S HC WSM35G	S HC WSP45G
	ROHX0803M0-D67	H	4	3,18	8	11°	3,4			☺			☺	
	ROHX10T3M0-D67	H	4	3,97	10	11°	4,4			☺			☺	
	ROHX1204M0-D67	H	4	4,76	12	11°	4,4			☺			☺	
	ROHX10T3M0-F67	H	4	3,97	10	11°	4,4			☺			☺	
	ROHX1204M0-F67	H	4	4,76	12	11°	4,4			☺			☺	

Ordering example for the grade WSM35G: ROMX0803M0-D57 WSM35G

HC = Coated carbide

Positive round
ROMX / ROHX / ROGX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROMX10T3M0T8-A27	M	8	3,97	10	11°		☺	☺	☺							☺	☺	☺	☺							
	ROMX1204M0T8-A27	M	8	4,76	12	11°		☺	☺	☺							☺	☺	☺	☺							
	ROMX1605M0T8-A27	M	8	5,56	16	15°		☺	☺	☺							☺	☺	☺	☺							
	ROMX2006M0T8-A27	M	8	6,35	20	15°		☺	☺	☺							☺	☺	☺	☺							
	ROMX0803M04-D57	M	4	3,18	8	11°		☺		☺	☹	☺	☺		☹		☺	☺		☹			☺	☺		☹	
	ROMX10T3M08-D57	M	8	3,97	10	11°		☺	☺	☺	☹	☺			☹		☺	☺	☹	☹			☺			☹	
	ROMX1204M08-D57	M	8	4,76	12	11°		☺	☺	☺	☹	☺			☹		☺	☺	☹	☹			☺			☹	
	ROMX1605M08-D57	M	8	5,56	16	15°		☺	☺	☺	☹	☺			☹		☺	☺	☹	☹			☺			☹	
	ROMX2006M08-D57	M	8	6,35	20	15°		☺	☺	☺	☹	☺	☺		☹		☺	☺	☹	☹			☺	☺		☹	
	ROMX10T3M08-F67	M	8	3,97	10	11°					☹	☺		☹	☹								☺		☹	☹	
	ROMX1204M08-F67	M	8	4,76	12	11°					☹	☺		☹	☹								☺		☹	☹	
	ROMX1605M08-F67	M	8	5,56	16	15°					☺	☺		☹	☺								☺		☹	☺	
	ROHX2006M0T8-A27	H	8	6,35	20	15°				☹										☹							

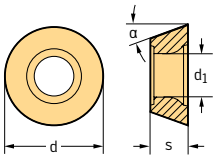
Ordering example for the grade WKK25G: ROMX10T3M0T8-A27 WKK25G

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Positive round
ROMX / ROHX / ROGX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM36G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROHX0803M04-A57	H	4	3,18	8	11°	☻	☻	☻	☻						☻	☻	☻	☻	☻							☻
	ROHX10T3M08-A57	H	8	3,97	10	11°	☻	☻	☻	☻						☻	☻	☻	☻	☻							☻
	ROHX1204M08-A57	H	8	4,76	12	11°	☻	☻	☻	☻						☻	☻	☻	☻	☻							☻
	ROHX1605M08-A57	H	8	5,56	16	15°	☻	☻	☻	☻						☻	☻	☻	☻	☻							☻
	ROHX2006M08-A57	H	8	6,35	20	15°	☻	☻	☻	☻						☻	☻	☻	☻	☻							☻
	ROHX0803M04-D57	H	4	3,18	8	11°				☹	☹	☹	☹		☹					☹			☹	☹		☹	
	ROHX2006M08-D57	H	8	6,35	20	15°				☹										☹							
	ROHX0803M04-D67	H	4	3,18	8	11°					☹				☹											☹	
	ROGX0803M04-G88	G	4	3,18	8	11°															☻	☹					
	ROGX10T3M08-G88	G	8	3,97	10	11°															☻	☹					
	ROGX1204M08-G88	G	8	4,76	12	11°															☻	☹					
	ROGX1605M08-G88	G	8	5,56	16	15°															☻	☹					
	ROGX2006M08-G88	G	8	6,35	20	15°															☻	☹					

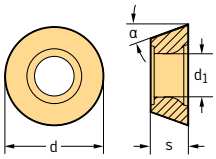
Ordering example for the grade WKK25G: ROMX10T3M0T8-A27 WKK25G

HC = Coated carbide
HW = Uncoated carbide

D2

New addition to the product range = ☻ ☹ ☹ / ★

Positive round
RDHW / RDMT
Tiger·tec® Gold



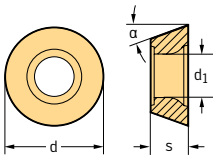
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d_1 mm	P HC WHH15X	P HC WSM35G	K HC WHH15X	S HC WSM35G	H HC WHH15X
	RDHW0803M0-A57	H	4	3,18	8	15°	3,4	☺		☺		☺
	RDHW10T3M0-A57	H	4	3,97	10	15°	4,4	☺		☺		☺
	RDHW1204M0-A57	H	6	4,76	12	15°	4,4	☺		☺		☺
	RDHW1605M0-A57	H	6	5,56	16	15°	5,5	☺		☺		☺
	RDHW2006M0-A57	H	6	6,35	20	15°	6,5	☺		☺		☺
	RDMT0803M0-D57	M	4	3,18	8	15°	3,4		😐		😐	
	RDMT10T3M0-D57	M	4	3,97	10	15°	4,4		😐		😐	
	RDMT1204M0-D57	M	6	4,76	12	15°	4,4		😐		😐	
	RDMT1605M0-D57	M	6	5,56	16	15°	5,5		😐		😐	
	RDMT2006M0-D57	M	6	6,35	20	15°	6,5		😐		😐	

Ordering example for the grade WHH15X: RDHW0803M0-A57 WHH15X

HC = Coated carbide

Positive round
RDHX / RDMX / RDGX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d_1 mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	RDHX1003M0T-A27	H	4	3,18	10	15°	4,4		😐		☹							😐		☹					
	RDHX12T3M0T-A27	H	6	3,97	12	15°	4,4		😐	☹	☹							😐	☹	☹					
	RDHX1604M0T-A27	H	6	4,76	16	15°	5,5		😐									😐							
	RDHX2006M0T-A27	H	6	5,97	20	15°	5,5				☹									☹					
	RDHX0501M0-A57	H	4	1,47	5	15°	2,2	☺	😐	☹	☹					☺	😐	😐	☹	☹					☺
	RDHX0702M0-A57	H	4	2,35	7	15°	2,8	☺								☺									☺
	RDHX07T1M0-A57	H	4	1,96	7	15°	2,8	☺	😐	☹	☹					☺	😐	😐	☹	☹					☺
	RDHX1003M0-A57	H	4	3,18	10	15°	4,4	☺		☹	☹					☺			☹	☹					☺
	RDHX12T3M0-A57	H	6	3,97	12	15°	4,4	☺		☹	☹					☺			☹	☹					☺
	RDHX1604M0-A57	H	6	4,76	16	15°	5,5	☺		☹	☹					☺			☹	☹					☺
	RDHX2006M0-A57	H	6	6	20	15°	5,5	☺		☹	☹					☺			☹	☹					☺

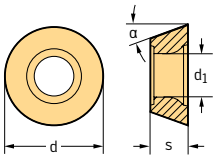
Ordering example for the grade WKP25S: RDHX1003M0T-A27 WKP25S
Ordering example for the grade WKP35S: RDHX1003M0T-A27 WKP35S
Ordering example for the grade WKP25S: RDHX12T3M0T-A27 WKP25S
Ordering example for the grade WKP35G: RDHX12T3M0T-A27 WKP35G

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Positive round
RDHX / RDMX / RDGX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d_1 mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	RDMX1003M0T-A27	M	4	3,18	10	15°	4,4		●	●	●							●	●	●					
	RDMX12T3M0T-A27	M	6	3,97	12	15°	4,4		●	●	●							●	●	●					
	RDMX1604M0T-A27	M	6	4,76	16	15°	5,5		●	●	●							●	●	●					
	RDGX0501M0-G88	G	4	1,45	5	15°	2,2														●				
	RDGX07T1M0-G88	G	4	1,94	7	15°	2,8														●				
	RDGX1003M0-G88	G	4	3,18	10	15°	4,4														●				
	RDGX12T3M0-G88	G	6	3,97	12	15°	4,4														●				
	RDGX1604M0-G88	G	6	4,76	16	15°	5,5														●				
	RDGX2006M0-G88	G	6	6	20	15°	5,5														●				
	RDMX0501M0-D57	M	4	1,45	5	15°	2,2		●	●	●	●	●	●	●		●	●	●	●		●	●	●	
	RDMX07T1M0-D57	M	4	1,94	7	15°	2,8		●	●	●	●	●	●	●		●	●	●	●		●	●	●	
	RDMX1003M0-D57	M	4	3,18	10	15°	4,4			●	●	●			●				●	●				●	
	RDMX12T3M0-D57	M	6	3,97	12	15°	4,4			●	●	●			●				●	●				●	
	RDMX1604M0-D57	M	6	4,76	16	15°	5,5			●	●	●			●				●	●				●	
	RDMX2006M0-D57	M	6	6	20	15°	5,5			●	●	●			●				●	●				●	

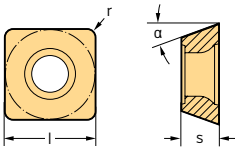
Ordering example for the grade WKP25S: RDHX1003M0T-A27 WKP25S
Ordering example for the grade WKP35S: RDHX1003M0T-A27 WKP35S
Ordering example for the grade WKP25S: RDHX12T3M0T-A27 WKP25S
Ordering example for the grade WKP35G: RDHX12T3M0T-A27 WKP35G

HC = Coated carbide
HW = Uncoated carbide

D2

New addition to the product range = ● ● ● / ★

Positive square
SDGT / SDMW / SDMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDHT06T204-G88	H	4	2,78	6,35	0,4	15°														☺	😐			
	SDHT09T304-G88	H	4	3,97	9,52	0,4	15°														☺	😐			
	SDHT09T308-G88	H	4	3,97	9,52	0,8	15°														☺	😐			
	SDHT120408-G88	H	4	4,76	12,7	0,8	15°														☺	😐			
	SDMW06T204-A57	M	4	2,78	6,35	0,4	15°	😐	☹	☹								😐	☹	☹					
	SDMW09T308-A57	M	4	3,97	9,52	0,8	15°	😐	☹	☹								😐	☹	☹					
	SDMW09T320-A57	M	4	3,97	9,52	2	15°		☹		☹			☹		😐	😐		☹						☹
	SDMW120408-A57	M	4	4,76	12,7	0,8	15°	😐	☹	☹								😐	☹	☹					
	SDMW120425-A57	M	4	4,76	12,7	2,5	15°		☹		☹			☹		😐	😐		☹						☹
	SDMT06T204-D51	M	4	2,78	6,35	0,4	15°	☺	😐	😐	☹			☹				😐	☹	☹					☹
	SDMT09T308-D51	M	4	3,97	9,52	0,8	15°	☺	😐	😐	☹			☹				😐	☹	☹					☹
	SDMT120408-D51	M	4	4,76	12,7	0,8	15°	☺	😐	😐	☹			☹				😐	☹	☹					☹
	SDMT06T204-D57	M	4	2,78	6,35	0,4	15°	☺	😐	😐	☹	😐		☹		😐	😐	😐	☹	☹			😐		☹
	SDMT09T308-D57	M	4	3,97	9,52	0,8	15°	☺	😐	😐	☹	😐		☹		😐		😐	☹	☹			😐		☹
	SDMT120408-D57	M	4	4,76	12,7	0,8	15°	☺	😐	😐	☹	😐		☹		😐		😐	☹	☹			😐		☹
	SDMT06T204-F57	M	4	2,78	6,35	0,4	15°	☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹			😐	☹	☹
	SDMT06T208-F57	M	4	2,78	6,35	0,8	15°		😐	😐	☹			☹					☹	☹					☹
	SDMT06T212-F57	M	4	2,78	6,35	1,2	15°		😐	😐	☹	😐	☹	☹					☹	☹			😐	☹	☹
	SDMT09T304-F57	M	4	3,97	9,52	0,4	15°		😐	😐	☹			☹					☹	☹					☹
	SDMT09T308-F57	M	4	3,97	9,52	0,8	15°	☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹			😐	☹	☹
	SDMT09T312-F57	M	4	3,97	9,52	1,2	15°		😐	😐	☹			☹					☹	☹					☹
	SDMT09T316-F57	M	4	3,97	9,52	1,6	15°		😐	😐	☹			☹					☹	☹					☹
	SDMT09T320-F57	M	4	3,97	9,52	2	15°		😐	😐	☹	😐	☹	☹					☹	☹			😐	☹	☹
	SDMT120408-F57	M	4	4,76	12,7	0,8	15°	☺	😐	😐	☹	😐	☹	☹	☺			😐	☹	☹			😐	☹	☹
	SDMT120412-F57	M	4	4,76	12,7	1,2	15°		😐	😐	☹			☹					☹	☹					☹
	SDMT120416-F57	M	4	4,76	12,7	1,6	15°		😐	😐	☹			☹					☹	☹					☹
	SDMT120420-F57	M	4	4,76	12,7	2	15°		😐	😐	☹			☹					☹	☹					☹
	SDMT120425-F57	M	4	4,76	12,7	2,5	15°		😐	😐	☹	😐	☹	☹					☹	☹			😐	☹	☹

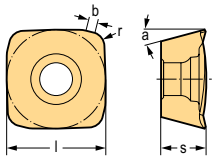
Ordering example for the grade WK10: SDHT06T204-G88 WK10

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Positive square
SDMX
Tiger·tec® Gold



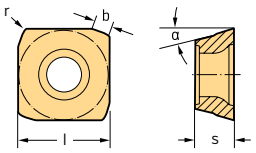
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC			M HC			K HC		S HC		
									WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WKP35G	WKP35S	WSM35G	WSM45X	WSP45G
	SDMX0904ZDR-E27	M	4	4,62	9,52	1	15°	0,8	☺	😐	☹	☺	☹	☹	☹	☹	☺	☹	☹
	SDMX1205ZDR-E27	M	4	5,84	12,7	2	15°	1,2	☺	😐	☹	☺	☹	☹	☹	☹	☺	☹	☹
	SDMX0904ZDR-E57	M	4	4,62	9,52	1	15°	0,8	😐		☹	☹	☹	☹	☹		☹	☹	☹
	SDMX1205ZDR-E57	M	4	5,84	12,7	2	15°	1,2	😐		☹	☹	☹	☹	☹		☹	☹	☹

Ordering example for the grade WKP35G: SDMX0904ZDR-E27 WKP35G

HC = Coated carbide

Positive square
SDMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC			M HC	K HC		S HC		
									WKP35G	WKP35S	WSP45G	WSP45G	WKP35G	WKP35S	WSP45G		
	SDMT06T2ZDR-D57	M	4	2,78	6,35	0,4	15°	1,2	☺	😐	☹	☹	☹	☹	☹		
	SDMT09T3ZDR-D57	M	4	3,97	9,52	0,8	15°	1,2	☺	😐	☹	☹	☹	☹	☹		
	SDMT1204ZDR-D57	M	4	4,76	12,7	0,8	15°	1,8	☺	😐	☹	☹	☹	☹	☹		

Ordering example for the grade WKP35G: SDMT06T2ZDR-D57 WKP35G

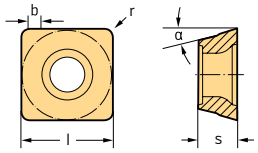
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Positive square
SDGT
Tiger·tec® Gold



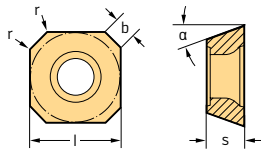
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	SDGT06T2PDR-D57	G	4	2,78	6,35	0,4	15°	1,2	☺	😐	😐	☹	😐	☹	😐	☹	☹	😐	☹
	SDGT09T3PDR-D57	G	4	3,97	9,52	0,8	15°	1,2	☺	😐	😐	☹	😐	☹	😐	☹	☹	😐	☹
	SDGT1204PDR-D57	G	4	4,76	12,7	0,8	15°	1,6	☺	😐	😐	☹	😐	☹	😐	☹	☹	😐	☹

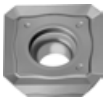
Ordering example for the grade WKP25S: SDGT06T2PDR-D57 WKP25S
Ordering example for the grade WKP35G: SDGT06T2PDR-D57 WKP35G

HC = Coated carbide

Positive square
SDMW / SDMT / SDET / SDGT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HT WEP20	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDMW09T3AZN-A57	M	4	3,97	9,52	0,3	15°	1,2		😐	😐						☺				☹	☹					
	SDMW1204AZN-A57	M	4	4,76	12,7	0,3	15°	1,4	😐	😐	😐						☺			😐	☹	☹					
	SDMT09T3AZN-D57	M	4	3,97	9,52	0,3	15°	1,2	☺	😐	😐	☹		😐		☹		😐	😐	😐	☹	☹			😐		☹
	SDMT1204AZN-D57	M	4	4,76	12,7	0,3	15°	1,4	☺	😐	😐	☹		😐		☹	☺	😐		😐	☹	☹			😐		☹
	SDET09T3AZN-F57	E	4	3,97	9,52	0,3	15°	1,4					😐														
	SDET1204AZN-F57	E	4	4,76	12,7	0,3	15°	1,8					😐														
	SDMT09T3AZN-F57	M	4	3,97	9,52	0,3	15°	1,4	☺	😐	😐	☹			☹	☹				😐	☹	☹				☹	☹
	SDMT1204AZN-F57	M	4	4,76	12,7	0,3	15°	1,8	☺	😐	😐	☹			☹	☹				😐	☹	☹				☹	☹
	SDGT09T3AZN-F57	G	4	3,97	9,52	0,3	15°	1,4	☺	😐	😐	☹		😐		☹	☺			😐	☹	☹			😐		☹
	SDGT1204AZN-F57	G	4	4,76	12,7	0,3	15°	1,8	☺	😐	😐	☹		😐		☹	☺			😐	☹	☹			😐		☹
	SDGT09T3AZN-G77	G	4	3,97	9,52	0,3	15°	1,2				😐				😐											😐
	SDGT1204AZN-G77	G	4	4,76	12,7	0,3	15°	1,4				😐				😐											😐

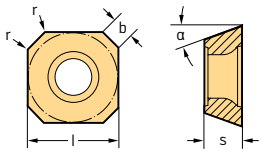
Ordering example for the grade WAK15: SDMW09T3AZN-A57 WAK15
Ordering example for the grade WKP35G: SDMW09T3AZN-A57 WKP35G

HC = Coated carbide
HT = Uncoated cermet
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Positive square
SDMW / SDMT / SDET / SDGT
Tiger·tec® Gold



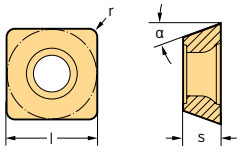
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HT WEP20	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G
	SDHT09T3AZN-G88	H	4	3,97	9,52	0,3	15°	1,2															😊	😐			
	SDHT1204AZN-G88	H	4	4,76	12,7	0,3	15°	1,4															😊	😐			

Ordering example for the grade WAK15: SDMW09T3AZN-A57 WAK15
Ordering example for the grade WKP35G: SDMW09T3AZN-A57 WKP35G

HC = Coated carbide
HT = Uncoated cermet
HW = Uncoated carbide

Positive square
SPMW / SPMT
Tiger·tec® Gold



Indexable inserts

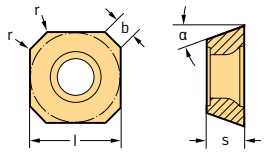
	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WAK15	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	SPMW060304T-A27	M	4	3,18	6,35	0,4	11°			😣						😣	
	SPMW09T308T-A27	M	4	3,97	9,52	0,8	11°	😐		😣				😐		😣	
	SPMW120408T-A27	M	4	4,76	12,7	0,8	11°	😐		😣				😐		😣	
	SPMW060304-A57	M	4	3,18	6,35	0,4	11°	😐					😊	😐			
	SPMW09T308-A57	M	4	3,97	9,52	0,8	11°	😐		😣			😊	😐		😣	
	SPMW120408-A57	M	4	4,76	12,7	0,8	11°	😐		😣			😊	😐		😣	
	SPMT060304-D51	M	4	3,18	6,35	0,4	11°	😊		😐	😣	😣		😐		😣	😣
	SPMT09T308-D51	M	4	3,97	9,52	0,8	11°	😊		😐	😣	😣		😐		😣	😣
	SPMT120408-D51	M	4	4,76	12,7	0,8	11°	😊		😐	😣	😣		😐		😣	😣
	SPMT060304-F55	M	4	3,18	6,35	0,4	11°	😊	😐	😐	😣	😣	😊	😐	😐	😐	😣
	SPMT09T308-F55	M	4	3,97	9,52	0,8	11°	😊	😐	😐	😣	😣		😐	😐	😐	😣
	SPMT120408-F55	M	4	4,76	12,7	0,8	11°	😊	😐	😐	😣	😣		😐	😐	😐	😣

Ordering example for the grade WKP35S: SPMW060304T-A27 WKP35S

HC = Coated carbide

WALTER SELECT Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = 😣 machining conditions

Positive square
SDGT / SDHW / SDMW / SDMT
Tiger·tec® Silver



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35S	K HC WKP25S	K HC WKP35S	N HC WXN15	N HW WK10
	SDGT09T3AEN-F57	G	4	3,97	9,52	0,3	15°	1,2	☺	😐	😐	☹		
	SDGT09T3AEN-G88	G	4	3,97	9,52	0,3	15°	1,2					☺	😐
	SDHW09T3AEN-A57	H	4	3,97	9,52	0,3	15°	1,2		☹		☹		
	SDMW09T3AEN-A57	M	4	3,97	9,52	0,5	15°	1,2	😐	☹	😐	☹		
	SDMT09T3AEN-D57	M	4	3,97	9,52	0,5	15°	1,2		😐		☹		

Ordering example for the grade WKP25S: SDGT09T3AEN-F57 WKP25S

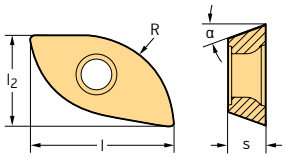
HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Positive form inserts
XDGT / XDMT
Tiger·tec® Gold



Tool

	Designation	Tolerance class	Number of cutting edges	l_2 mm	l mm	s mm	α	R mm	P HC				M HC			K HC			S HC		
									WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G
	XDGT1303080R-D57	G	2	8,5	13,12	3	15°	8			😐							🙁			
	XDGT16T3100R-D57	G	2	9	15,93	3,74	15°	10			😐	🙁			🙁			🙁			🙁
	XDGT2004125R-D57	G	2	11,3	19,94	4,68	15°	12,5			😐	🙁			🙁			🙁			🙁
	XDGT2405150R-D57	G	2	13,5	23,94	5,62	15°	15			😐							🙁			
	XDGT2506160R-D57	G	2	14,4	25,54	6	15°	16			😐	🙁			🙁			🙁			🙁
	XDGT3207200R-D57	G	2	18	31,95	7,5	15°	20			😐	🙁			🙁			🙁			🙁
	XDGT4009250R-D57	G	2	22,5	39,95	9,39	15°	25			😐	🙁			🙁			🙁			🙁
	XDMT1303080R-F55	M	2	8,5	13,12	3	15°	8	🙂	😐	😐	🙁	😐		🙁	😐	😐	😐	😐		🙁
	XDMT16T3100R-F55	M	2	9	15,93	3,74	15°	10	🙂	😐	😐	🙁	😐		🙁	😐	😐	😐	😐		🙁
	XDMT2004125R-F55	M	2	11,3	19,94	4,68	15°	12,5	🙂	😐	😐	🙁	😐		🙁	😐	😐	😐	😐		🙁
	XDMT2405150R-F55	M	2	13,5	23,94	5,62	15°	15	🙂	😐	😐	🙁	😐		🙁	😐	😐	😐	😐		🙁
	XDMT2506160R-F55	M	2	14,4	25,54	6	15°	16	🙂	😐	😐	🙁	😐	😐	🙁	😐	😐	😐	😐	😐	🙁
	XDMT3207200R-F55	M	2	18	31,95	7,5	15°	20	🙂	😐	😐	🙁	😐	😐	🙁	😐	😐	😐	😐	😐	🙁
	XDMT4009250R-F55	M	2	22,5	39,95	9,39	15°	25	🙂	😐	😐	🙁			🙁	😐	😐	😐			🙁
	XDMT16T3095R-F55	M	2	9	15,93	3,74	15°	9,530			😐							😐			
	XDMT2004127R-F55	M	2	11,3	19,94	4,68	15°	12,7	🙂		😐					😐		😐			
	XDMT2506159R-F55	M	2	14,4	25,54	6	15°	15,880			😐							😐			
	XDMT3207191R-F55	M	2	18	31,95	7,5	15°	19,05		😐	😐						😐	😐			
	XDMT4009254R-F55	M	2	22,5	39,95	9,39	15°	25,4			😐							😐			

Ordering example for the grade WKP35S: XDGT1303080R-D57 WKP35S
Ordering example for the grade WKP35S: XDGT16T3100R-D57 WKP35S
Ordering example for the grade WSP45G: XDGT16T3100R-D57 WSP45G

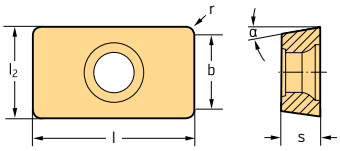
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = 🙂 → Average = 😐 → Poor = 🙁 machining conditions

New addition to the product range = 🙂 😐 🙁 / ★

Positive rhombic
BCGX



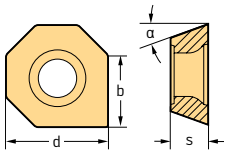
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	b mm	P HC WHH15X	P HC WXM15	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WXM15	H HC WHH15X
	BCGX0903PDR-G55	G	2	3,21	10,3	6,3	0,4	7°	5	☺	☺	☺	☺	☺	☺	☺
	BCGX1605PDR-G55	G	2	5,81	17,3	9,9	0,8	7°	8	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WAK15: BCGX0903PDR-G55 WAK15

HC = Coated carbide

Finishing inserts
ODHX
Tiger·tec® Silver



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P HC WHH15X	P HC WXM15	P HC WKP35S	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WXM15	K HC WKP35S	H HC WHH15X
	ODHX0504ZZR-A57	H	1	4,76	12,7	15°	7,2	☺		☹		☺	☺		☹	☺
	ODHX0605ZZR-A57	H	1	5,56	15,88	15°	9,4	☺		☹		☺	☺		☹	☺
	ODHX0605ZZN-A57	H	8	5,56	15,88	15°	6	☺				☺	☺			☺
	ODHX0605ZZN-A88	H	8	5,56	15,88	15°	6	☺	☺		☺	☺	☺	☺		☺

* ZZN for κ = 45° only

Ordering example for the grade WAK15: ODHX0504ZZR-A57 WAK15

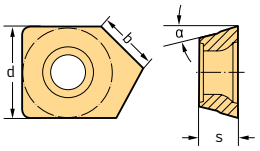
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Positive square
SDHX



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P HC WHH15X	P HC WXM15	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WXM15	H HC WHH15X
	SDHX09T3AZR-A88	H	1	3,97	9,52	15°	5,6	☺	☺	☺	☺	☺	☺	☺
	SDHX1204AZR-A88	H	1	4,76	12,7	15°	7,5	☺	☺	☺	☺	☺	☺	☺

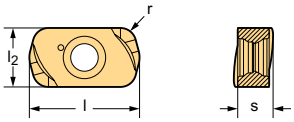
Ordering example for the grade WAK15: SDHX09T3AZR-A88 WAK15

HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Negative rhombic
ENMX
Tiger·tec® Gold



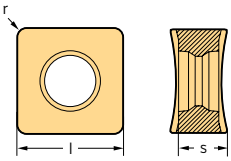
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	P HC					M HC		K HC				S HC		H HC
								WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSP45G	WHH15X
	ENMX08T316R-D27	M	4	3,6	11	6	1,6	☹	☺	😐	😐	☹	😐	☹	😐	😐	☹	☹	😐	☹	☺
	ENMX08T316R-F47	M	4	3,6	11	6	1,6		😐	😐	😐	☹	😐	☹		😐	☹	☹	😐	☹	

Ordering example for the grade WHH15X: ENMX08T316R-D27 WHH15X
Ordering example for the grade WKK25G: ENMX08T316R-D27 WKK25G

HC = Coated carbide

Negative square
SNGX / SNMX
Tiger·tec® Gold



Indexable inserts

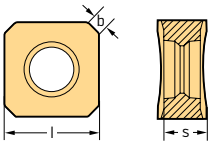
	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	P HC				M HC			K HC						S HC		
							WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G
	SNGX120512-F57	G	8	5,6	12,7	1,2	☺	😐	😐	☹	😐		☹				😐	☹	☹	😐		☹
	SNMX120512-D27	M	8	5,55	12,7	1,2	☺	😐	😐						😐	😐	😐	☹	☹			
	SNMX120520-D27	M	8	5,55	12,7	2	☺	😐	😐						😐	😐	😐	☹	☹			
	SNMX090408-F27	M	8	4,87	9,52	0,8	☺		😐								☹		☹			
	SNMX120512-F27	M	8	5,65	12,7	1,2	☺	😐	😐								☹	☹	☹			
	SNMX090408-F57	M	8	4,85	9,52	0,8	☺	😐	😐	☹	😐		☹		😐	😐	😐	☹	☹	😐		☹
	SNMX120512-F57	M	8	5,5	12,7	1,2	☺	😐	😐	☹	😐	😐	☹		😐	😐	😐	☹	☹	😐	😐	☹
	SNMX120520-F57	M	8	5,5	12,7	2	☺	😐	😐	☹	😐	😐	☹		😐	😐	😐	☹	☹	😐	😐	☹
	SNMX160620-F57	M	8	6,38	16	2				☹			☹									☹
	SNMX160640-F57	M	8	6,38	16	4				☹			☹									☹
	SNMX090408-F67	M	8	4,87	9,52	0,8				☹	😐		☹							😐		☹
	SNMX120512-F67	M	8	5,63	12,7	1,2	☺	😐	😐	☹	😐	😐	☹	☺			😐	☹	☹	😐	😐	☹

Ordering example for the grade WKP35G: SNGX120512-F57 WKP35G

WALTER SELECT Optimum indexable insert for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Negative square
SNGX / SNHX / SNMX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSP45G
	SNGX1205ANN-F27	G	8	5,59	12,7	1,5	☺	😐	😐							😐	☹	☹				
	SNGX0904ANN-F57	G	8	4,69	9,52	1,2	☺	😐	😐	☹	😐	☹		😐	😐	😐	☹	☹			😐	☹
	SNGX1205ANN-F57	G	8	5,54	12,7	1,5	☺	😐	😐	☹	😐	☹		😐		😐	☹	☹			😐	☹
	SNGX1606ANN-F57	G	8	6,3	16	1,8				☹		☹										☹
	SNGX0904ANN-F67	G	8	4,72	9,52	1,2				☹	😐	☹									😐	☹
	SNGX1205ANN-F67	G	8	5,54	12,7	1,5	☺	😐	😐	☹	😐	☹	☺			😐	☹	☹			😐	☹
	SNHX0904ANN-K88	H	8	4,68	9,52	1,5													☺	😐		
	SNHX1205ANN-K88	H	8	5,54	12,7	1,5													☺	😐		
	SNMX0904ANN-F27	M	8	4,72	9,52	1,2		😐									☹					
	SNMX1205ANN-F27	M	8	5,59	12,7	1,5	☺	😐	😐							😐	☹	☹				
	SNMX0904ANN-F57	M	8	4,69	9,52	1,2	☺	😐	😐	☹	😐	☹		😐		😐	☹	☹			😐	☹
	SNMX1205ANN-F57	M	8	5,54	12,7	1,5	☺	😐	😐					😐		😐	☹	☹				
	SNMX0904ANN-F67	M	8	4,72	9,52	1,2				☹	😐	☹									😐	☹
	SNMX1205ANN-F67	M	8	5,54	12,7	1,5	☺	😐	😐				☺			😐	☹	☹				

Ordering example for the grade WKP25S: SNGX1205ANN-F27 WKP25S
Ordering example for the grade WKP35G: SNGX1205ANN-F27 WKP35G

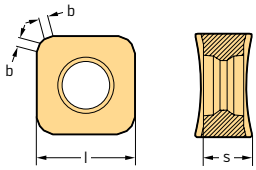
HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Negative square
SNGX / SNMX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P HC WKP25S	P HC WKP35G	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	S HC WSM35G	S HC WSP45G
	SNGX1205ENN-F57	G	8	5,61	12,7	1,2				😐		😐			😐	
	SNGX1205ENN-F67	G	8	5,64	12,7	1,2			☹	😐	☹				😐	☹
	SNMX1205ENN-F57	M	8	5,61	12,7	1,2	☺	😐				😐	😐	☹		

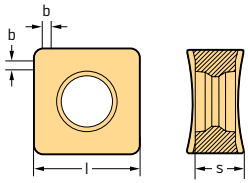
Ordering example for the grade WKK25G: SNGX1205ENN-F57 WKK25G

HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Negative square
SNGX / SNHX / SNMX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	M HC WSM35G	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G
	SNGX0904ZNN-F57	G	8	4,9	9,52	1					😐							
	SNGX1205ZNN-F57	G	8	5,77	12,7	1,2				😐	😐							😐
	SNGX0904ZNN-F67	G	8	4,93	9,52	1				😐								😐
	SNGX1205ZNN-F67	G	8	5,8	12,7	1,2				😐								😐
	SNHX1205ZNN-K88	H	8	5,89	12,7	1,2										😊	😐	
	SNMX0904ZNN-F57	M	8	4,91	9,52	1				😐	😐							😐
	SNMX1205ZNN-F57	M	8	5,77	12,7	1,2	😊	😐	😐		😐	😐	😐	☹	☹			
	SNMX0904ZNN-F67	M	8	4,93	9,52	1				😐								😐

Ordering example for the grade WKK25G: SNGX0904ZNN-F57 WKK25G

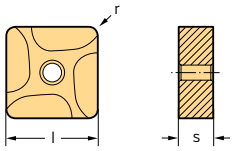
HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = 😊 😐 ☹ / ★

Negative square
SNEF
Tiger·tec® Gold



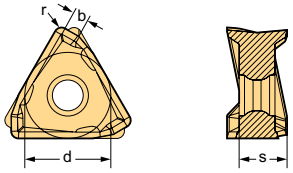
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	b mm	K HC WKK25G
	SNEF120408R-B67	E	8	4,76	12,7	0,8	2,1	😐

Ordering example for the grade WKK25G: SNEF120408R-B67 WKK25G

HC = Coated carbide

Negative triangular
TNMU
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	TNMU11T304R-G57	M	6	3,75	6,72	0,4	1	😀	😐	😐	☹	☹	😐	☹	☹	☹
	TNMU160508R-G57	M	6	5,35	9,6	0,8	1,6	😀	😐	😐	☹	☹	😐	☹	☹	☹
	TNMU11T304R-G27	M	6	3,75	6,72	0,4	1	😀	😐	😐	☹	☹	😐	☹	☹	☹
	TNMU160508R-G27	M	6	5,35	9,6	0,8	1,6	😀	😐	😐	☹	☹	😐	☹	☹	☹

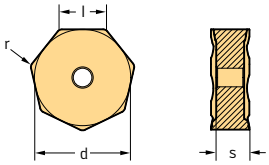
Ordering example for the grade WKP25S: TNMU11T304R-G57 WKP25S
Ordering example for the grade WKP35G: TNMU11T304R-G57 WKP35G

HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = 😀 → Average = 😐 → Poor = ☹ machining conditions

Negative heptagonal
XNHF / XNMF
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	K HC WKK25G
	XNHF070508-D27	H	14	5	14,5	7	0,8	😐
	XNHF090612-D27	H	14	5,68	19,05	9	1,2	😐
	XNHF070508-D57	H	14	5	14,5	7	0,8	😐
	XNHF090612-D57	H	14	5,68	19,05	9	1,2	😐
	XNMF070508-D27	M	14	4,74	14,5	7	0,8	😐
	XNMF090612-D27	M	14	5,68	19,05	9	1,2	😐
	XNMF090612-D57	M	14	5,68	19,05	9	1,2	😐
	XNMF070508-F57	M	14	4,74	14,5	7	0,8	😐
	XNMF090612-F57	M	14	5,68	19,05	9	1,2	😐

Ordering example for the grade WKK25G: XNHF070508-D27 WKK25G

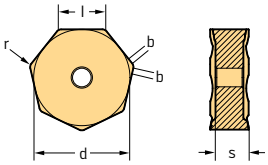
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = 😠 machining conditions

New addition to the product range = 😊 😐 😠 / ★

Negative heptagonal
XNHF
Tiger·tec® Gold



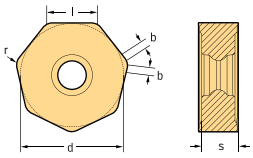
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	b mm	K HC WKK25G
	XNHF0705ANN-D27	H	14	5	14,5	7	0,8	1,1	😐
	XNHF0906ANN-D27	H	14	5,68	19,05	9	0,8	1,4	😐
	XNHF0705ANN-D57	H	14	5	14,5	7	0,8	1,1	😐
	XNHF0906ANN-D57	H	14	5,68	19,05	9	0,8	1,4	😐

Ordering example for the grade WKK25G: XNHF0705ANN-D27 WKK25G

HC = Coated carbide

Negative heptagonal
XNGU / XNMU
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	XNGU0705ANN-F57	G	14	5	14,5	6,98	0,8	1,1	😀	😀	😀	☹	😐			☹			😐	☹	☹	😐			☹
	XNMU0705ANN-F27	M	14	5	14,5	6,98	0,8	1,1	😀	😀	😀						😐		😐	☹	☹				
	XNMU0906ANN-F27	M	14	5,88	19,05	9,18	0,8	1,4	😀	😀	😀						😐	😐	😐	☹	☹				
	XNMU0705ANN-F57	M	14	5	14,5	6,98	0,8	1,1	😀	😀	😀	☹	😐			☹			😐	☹	☹	😐			☹
	XNMU0906ANN-F57	M	14	5,88	19,05	9,18	0,8	1,4	😀	😀		☹	😐	😐		☹			😐	☹		😐	😐		☹
	XNMU0705ANN-F67	M	14	5	14,5	6,98	0,8	1,1	😀	😀			😐		☹				😐	☹		😐		☹	
	XNMU0906ANN-F67	M	14	5,88	19,05	9,18	0,8	1,4	😀	😀					☹				😐	☹				☹	

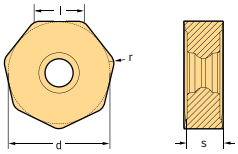
Ordering example for the grade WKP25S: XNGU0705ANN-F57 WKP25S

Ordering example for the grade WKP35G: XNGU0705ANN-F57 WKP35G

HC = Coated carbide

WALTER SELECT Optimum indexable insert for → Good = 😀 → Average = 😐 → Poor = ☹ machining conditions

Negative heptagonal
XNMU
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSP45G
	XNMU070508-F57	M	**14**	5	14,5	6,98	0,8	☺	😐	😐	☹	😐	☹	😐	☹	☹	😐	☹
	XNMU090612-F57	M	**14**	5,88	19,05	9,18	1,2	☺	😐		☹		☹	😐	☹			☹

Ordering example for the grade WKP25S: XNMU070508-F57 WKP25S
Ordering example for the grade WKP35G: XNMU070508-F57 WKP35G

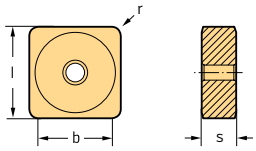
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Finishing inserts
SNEF



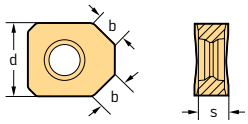
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	b mm	K HC WHH15X	H HC WHH15X
	SNEF1204PNN-A27	E	8	4,76	12,7	1,2	10,3	☺	☺

Ordering example for the grade WHH15X: SNEF1204PNN-A27 WHH15X

HC = Coated carbide

Finishing inserts
XNGX



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P HC WHH15X	P HC WXM15	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WXM15	H HC WHH15X
	XNGX0904ANN-F67	G	2	4,68	9,52	5	☺				☺		☺
	XNGX1205ANN-F67	G	2	5,39	12,7	4,7	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WHH15X: XNGX0904ANN-F67 WHH15X

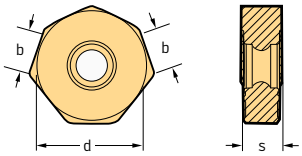
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Finishing inserts
XNGX



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P HC WHH15X	P HC WXM15	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WXM15	H HC WHH15X
	XNGX0705ANN-F67	G	2	5	14,5	5,7	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WAK15: XNGX0705ANN-F67 WAK15

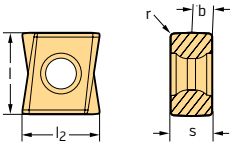
HC = Coated carbide

D2

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

Tangential rhombic
LNHU / LNMU
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	LNHU090404R-L55T	H	4	4,5	9	8,5	0,4	1,5	☺	😐	😐	☹	😐			☹	☺	😐	😐	☹	☹			😐			☹
	LNHU090408R-L55T	H	4	4,5	9	8,5	0,8	1,1	☺	😐	😐	☹	😐			☹		😐	😐	☹	☹			😐			☹
	LNHU090412R-L55T	H	4	4,5	9	8,5	1,2	0,8		😐	😐	☹	😐			☹				☹	☹			😐			☹
	LNHU090416R-L55T	H	4	4,5	9	8,5	1,6			😐	😐	☹	😐			☹				☹	☹			😐			☹
	LNHU090420R-L55T	H	4	4,5	9	8,5	2			😐	😐	☹	😐			☹				☹	☹			😐			☹
	LNHU130608R-L55T	H	4	6,8	13	12	0,8	2,2	☺	😐	😐	☹	😐			☹	☺	😐	😐	☹	☹			😐			☹
	LNHU130612R-L55T	H	4	6,8	13	12	1,2	1,9		😐	😐	☹	😐			☹				☹	☹			😐			☹
	LNHU130616R-L55T	H	4	6,8	13	12	1,6	1,5		😐	😐	☹	😐			☹				☹	☹			😐			☹
	LNHU130620R-L55T	H	4	6,8	13	12	2	1,2		😐	😐	☹	😐			☹				☹	☹			😐			☹
	LNHU130625R-L55T	H	4	6,8	13	12	2,5	0,7		😐	😐	☹	😐	😐		☹				☹	☹			😐	😐		☹
	LNHU130630R-L55T	H	4	6,8	13	12	3	2,3		😐	😐	☹	😐			☹				☹	☹			😐			☹
	LNHU130632R-L55T	H	4	6,8	13	12	3,2			😐	😐	☹	😐			☹				☹	☹			😐			☹
	LNHU160708R-L55T	H	4	7,2	16	15,5	0,8	2,3	☺	😐	😐	☹	😐			☹		😐	😐	☹	☹			😐			☹
	LNHU160712R-L55T	H	4	7,2	16	15,5	1,2	1,9		😐	😐	☹				☹				☹	☹						☹
	LNHU160716R-L55T	H	4	7,2	16	15,5	1,6	1,6				☹				☹											☹
	LNMU090404R-L55T	M	4	4,5	9	8,5	0,4	1,5	☺	😐	😐	☹			☹	☹		😐	😐	☹	☹					☹	☹
	LNMU130608R-L55T	M	4	6,8	13	12	0,8	2,2	☺	😐	😐	☹			☹	☹		😐	😐	☹	☹					☹	☹
	LNHU090404R-L65T	H	4	4,5	9	8,5	0,4	1,5				☹				☹											☹
	LNHU130608R-L65T	H	4	6,8	13	12	0,8	2,2				☹				☹											☹
	LNHU090404R-L85T	H	4	4,5	9	8,5	0,4	1,5														☺	😐				
	LNHU130608R-L85T	H	4	6,8	13	12	0,8	2,2														☺	😐				
	LNHU160708R-L85T	H	4	7,2	16	15,5	0,8	2,3															😐				

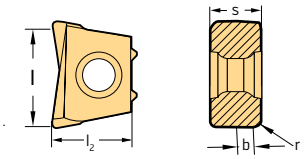
Ordering example for the grade WAK15: LNHU090404R-L55T WAK15
Ordering example for the grade WKK25G: LNHU090404R-L55T WKK25G

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Tangential rhombic
XNHX
Tiger·tec® Gold



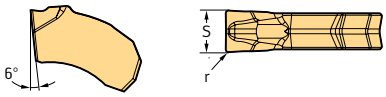
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC WSP45G	M HC WSM45X	M HC WSP45G	S HC WSM45X	S HC WSP45G
	XNHX130632R-L65T	H	2	6,8	14	10,5	3,2	1,3	☹		☹		☹
	XNHX130608R-L65W	H	2	6,8	14	10,5	0,8	2		☹		☹	
	XNHX130640R-L65W	H	2	6,8	14	10,5	4	0,5		☹		☹	

Ordering example for the grade WSP45G: XNHX130632R-L65T WSP45G

HC = Coated carbide

Slitting – cutting inserts
SX
Tiger·tec® Silver



Cutting inserts

	Designation	s mm	r mm	S_{Tol} mm	l_{Tol} mm	P HC WKP23S	P HC WSM23S	P HC WSM33S	P HC WSM43S	M HC WSM23S	M HC WSM33S	M HC WSM43S	K HC WKP23S	N HW WK1	S HC WSM23S	S HC WSM33S	S HC WSM43S
	SX-1E150N01-SF5	1,5	0,15	±0,05	±0,1			😐			😐					😐	
	SX-2E200N02-SF5	2	0,2	±0,05	±0,1			😐	☹		😐	☹				😐	☹
	SX-3E300N02-SF5	3	0,2	±0,05	±0,1			😐	☹		😐	☹				😐	☹
	SX-4E400N02-SF5	4	0,2	±0,05	±0,1			😐	☹		😐	☹				😐	☹
	SX-5E500N04-SF5	5	0,4	±0,05	±0,1			😐	☹		😐	☹				😐	☹
	SX-1E150N01-SK8	1,5	0,1	±0,02	±0,05									😐			
	SX-2E200N02-SK8	2	0,2	±0,02	±0,05									😐			
	SX-3E300N02-SK8	3	0,2	±0,02	±0,05									😐			
	SX-4E400N02-SK8	4	0,2	±0,02	±0,05									😐			
	SX-5E500N04-SK8	5	0,4	±0,02	±0,05									😐			
	SX-1E150N01-CE4	1,5	0,15	±0,05	±0,1			😐			😐					😐	
	SX-2E200N02-CE4	2	0,2	±0,05	±0,1	☺	☺	😐	☹	☺	😐	☹	☺		☺	😐	☹
	SX-2E260N03-CE4	2,6	0,3	±0,05	±0,1			😐			😐					😐	
	SX-3E300N02-CE4	3	0,2	±0,05	±0,1	☺	☺	😐	☹	☺	😐	☹	☺		☺	😐	☹
	SX-3E310N03-CE4	3,1	0,3	±0,05	±0,1			😐	☹		😐	☹				😐	☹
	SX-4E400N02-CE4	4	0,2	±0,05	±0,1	☺	☺	😐	☹	☺	😐	☹	☺		☺	😐	☹
	SX-4E410N03-CE4	4,1	0,3	±0,05	±0,1			😐			😐					😐	
	SX-4E480N03-CE4	4,8	0,3	±0,05	±0,1			😐			😐					😐	
	SX-5E500N04-CE4	5	0,4	±0,05	±0,1	☺		😐	☹		😐	☹	☺			😐	☹

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WSM33S: SX-1E150N01-SF5 WSM33S

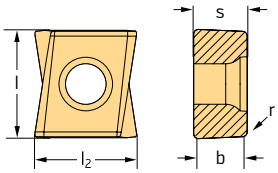
HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Optimum indexable insert for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

D 2

New addition to the product range = ☺ 😐 ☹ / ★

Finishing inserts
LNHX



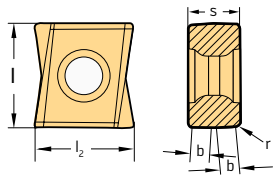
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC WHH15X	P HC WXM15	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WXM15	H HC WHH15X
	LNHX0904PDR-L55T	H	2	4,5	9	8,5	0,4	3,5	☺			☺	☺		☺
	LNHX1306PDR-L55T	H	2	6,8	13	12	0,6	5	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WAK15: LNHX0904PDR-L55T WAK15

HC = Coated carbide

Finishing inserts
LNHX



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC WHH15X	P HC WXM15	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WXM15	H HC WHH15X
	LNHX130608R-L55T	H	4	6,8	13	12	0,8	2,2	☺	☺	☺	☺	☺	☺	☺

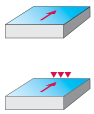
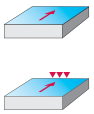
Ordering example for the grade WAK15: LNHX130608R-L55T WAK15

HC = Coated carbide

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

Face milling cutters

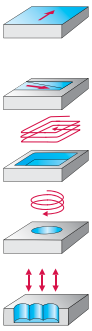
Machining								
Lead angle κ	**43°**		**45°**		**45°**		**45°**	
Designation	**M5004 Xtra·tec® XT**		**M5009 Xtra·tec® XT**		**M4003**		**M3024 Walter BLAXX**	
Diameter range	32–170	—	50,43–174	—	29,63–173,41	*1,129–6,528*	49,8–172,86	—
Boring bar/adaptor type								
DIN 1835 B								
Cylindrical 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								
	OD…ODHX…		SN.X…XNGX…ANN…		SD…SDHX…		XN.U0705…XNGX0705…	
Number of cutting edges	8 / 1		8 / 2		4 / 1		14 / 2	
Max. depth of cut	3 - 4		5 - 6		4,5 - 6,5		4 - 6	
Page in catalogue	560		564		570		578	
QR code								
www.walter-tools.com/woc/	M5004		M5009		M4003		M3024	

D2

WALTER SELECT

●● Primary application ● Other application

High-feed milling cutters

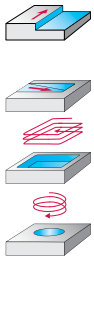
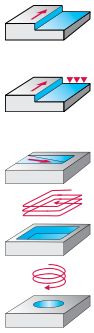
Machining						
Lead angle κ	**15°**		**15°**		**15°**	
Designation	**M5008 Xtra·tec® XT**		**M4002**		**F2330**	
Diameter range	16–66	—	20–125	—	20–85	*0,750–4,000*
Boring bar/adaptor type						
DIN 1835 B						✔
Cylindrical bore DIN 138	✔		✔		✔	✔
ScrewFit	✔		✔		✔	✔
Cylindrical shank	✔		✔		✔	✔
Cylindrical 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.X08T3...		SD...SD.X...		P263...	
Number of cutting edges	4		4 / 4		3	
Max. depth of cut	1		1 - 2		1 - 2	
Page in catalogue	584		588		590	
QR code						
www.walter-tools.com/woc/	M5008		M4002		F2330	

WALTER SELECT

●● Primary application ● Other application

D2

Shoulder milling cutters

Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
Designation	**M5137 Xtra·tec® XT**		**M5130 Xtra·tec® XT**		**F5241 Walter BLAXX**		**F5141 Walter BLAXX**	
Diameter range	25–100	—	10–160	—	50–160	—	40–160	—
Boring bar/adaptor type								
DIN 1835 B	✔		✔				✔	
Cylindrical bore DIN 138	✔		✔		✔		✔	
ScrewFit			✔				✔	
Cylindrical shank			✔				✔	
Cylindrical modular			✔					
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals			●●		●●		●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials			●		●		●	
O Other			●		●		●	
Indexable inserts								
	TNMU…		AC… / BC…BCGX…		LN.U1607…		LN.U1306…LNHX1306…	
Number of cutting edges	6		2 / 2		4		4 / 4	
Max. depth of cut	5 - 8		5 - 15		15		12	
Page in catalogue	610		596		624		622	
QR code								
www.walter-tools.com/woc/	M5137		M5130		F5241		F5141	

WALTER SELECT ●● Primary application ● Other application

Shoulder milling cutters

Machining				
Lead angle κ	**90°**		**89,75°**	
Designation	**F5041 Walter BLAXX**		**M4132**	
Diameter range	25–63	—	16–125	—
Boring bar/adaptor type				
DIN 1835 B	✔		✔	
Cylindrical bore DIN 138	✔		✔	
ScrewFit	✔		✔	
Cylindrical shank	✔			
Cylindrical modular			✔	
Steep taper				
HSK				
NCT				
P Steel	●●		●●	
M Stainless steel	●●		●●	
K Cast iron	●●		●●	
N NF metals	●●		●●	
S Materials with difficult cutting properties	●●		●●	
H Hard materials	●		●	
O Other	●		●	
Indexable inserts				
	LN.U0904…LNHX0904…		SD…	
Number of cutting edges	4 / 4		4	
Max. depth of cut	8		5,6 - 11,6	
Page in catalogue	618		616	
QR code				
www.walter-tools.com/woc/	F5041		M4132	

WALTER SELECT

●● Primary application ● Other application

D2

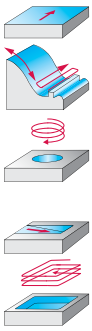
Slot milling cutters

Machining		
Lead angle κ	**90°**	
Designation	**F5055 Walter BLAXX**	
Diameter range	63–250	—
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		
	SX…	
Number of cutting edges	1	
Max. depth of cut	—	
Cutting width SB [mm]	1,5–4	
Page in catalogue	626	
QR code		
www.walter-tools.com/woc/	F5055	

WALTER SELECT

●● Primary application ● Other application

Copy milling cutters

Machining						
Lead angle κ						
Designation	**M5468 Xtra·tec® XT**		**M5460 Xtra·tec® XT**		**F2339**	
Diameter range	10–125	—	8–32	—	16–50	—
Boring bar/adaptor type						
DIN 1835 B	✔		✔		✔	
Cylindrical bore DIN 138	✔					
ScrewFit	✔				✔	
Cylindrical shank			✔		✔	
Cylindrical modular	✔		✔		✔	
Steep taper						
HSK						
NCT						
P Steel	●●		●●		●●	
M Stainless steel	●●		●●		●●	
K Cast iron	●●		●●		●●	
N NF metals	●●					
S Materials with difficult cutting properties	●●		●●		●●	
H Hard materials	●●		●●		●	
O Other	●		●			
Indexable inserts						
	RD.X... / RO.X...		P32...		XD.T...SP...	
Number of cutting edges	4 / 8		1		2 / 4	
Max. depth of cut	2,5 - 10		4 - 16		11 - 57	
Page in catalogue	630		648		650	
QR code						
www.walter-tools.com/woc/	M5468		M5460		F2339	

WALTER SELECT ●● Primary application ● Other application

D2

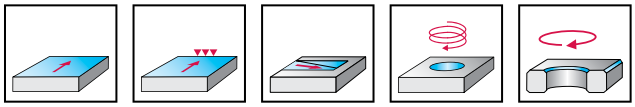
Octagonal face milling cutters

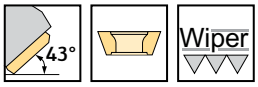
M5004 mm

OD .. 0504 ..; ODHX0504ZZR

Xtra·tec® XT

– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5004	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	L_{c2} mm	Z	kg	No. of inserts	Type
ScrewFit											
M5004-032-T28-02-03	24	32	T28	40		3	8	2	0,16	2	OD .. 0504 .. ODHX0504ZZR
M5004-040-T36-03-03	32	40	T36	40		3	8	3	0,3	3	
Cylindrical modular											
M5004-032-TC16-02-03	24	32	M16	40		3	8	2	0,15	2	OD .. 0504 .. ODHX0504ZZR
Cylindrical shank											
M5004-032-A20-02-03	24	32	20	35	110	3	8	2	0,25	2	OD .. 0504 .. ODHX0504ZZR
M5004-032-A25-02-03	24	32	25	35	150	3	8	2	0,51	2	
M5004-040-A20-03-03	32	40	20	35	110	3	8	3	0,28	3	
M5004-040-A25-03-03	32	40	25	35	150	3	8	3	0,59	3	
Shell mill mount DIN 138 transverse keyway											
M5004-050-B16-04-03	42	50	16	40		3	8	4	0,38	4	OD .. 0504 .. ODHX0504ZZR
M5004-050-B16-05-03	42	50	16	40		3	8	5	0,22	5	
M5004-052-B22-04-03	44	52	22	45		3	8	4	0,42	4	
M5004-052-B22-05-03	44	52	22	40		3	8	5	0,35	5	
M5004-058-B16-04-03	50	58	16	40		3	8	4	0,51	4	
M5004-058-B16-05-03	50	58	16	40		3	8	5	0,3	5	
M5004-063-B22-05-03	55	63	22	40		3	8	5	0,62	5	
M5004-063-B22-06-03	55	63	22	40		3	8	6	0,4	6	
M5004-063-B22-07-03	55	63	22	40		3	8	7	0,39	7	
M5004-066-B27-06-03	58	66	27	50		3	8	6	0,6	6	
M5004-066-B27-07-03	58	66	27	50		3	8	7	0,6	7	
M5004-071-B22-06-03	63	71	22	40		3	8	6	0,72	6	

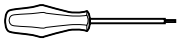
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

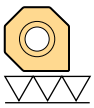
Assembly parts

	D_c [mm]	24–117
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 3 Nm

Accessories

	D_c [mm]	24–117
	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	b mm	P HC WH115X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K CN WSN10	K HC WAK15	K HC WH115X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WH115X
	ODHT050408-F57	H	8	0,8				😐	😐	☹				☹							☹	☹						☹	
	ODHW050412-A57	H	8	1,2											☺														
	ODMT050408-D57	M	8	0,8				😐	😐	☹	😐	😐		☹				😐	😐		☹	☹			😐	😐		☹	
	ODMW050408-A57	M	8	0,8			😐	☹	☹							☺		😐	😐	😐	☹	☹							
	ODMW050408T-A27	M	8	0,8			😐	☹	☹									😐	😐	😐	☹	☹							
	ODHT0504ZZN-F57	H	8	0,8	1,2		☺	😐	😐	☹	😐	😐		☹						😐	☹	☹			😐	😐		☹	
	ODHT0504ZZN-G77	H	8	0,8	1,6					😐				😐															
	ODHT0504ZZN-G88	H	8	0,8	1,2																		☺	😐					
	ODHW0504ZZN-A57	H	8	0,8	1,2		😐	☹	☹							☺				😐	☹	☹							
	ODMT0504ZZN-D57	M	8	0,8	1,2		☺	😐	😐	☹	😐	😐	☹	☹				😐	😐	😐	☹	☹			😐	😐	☹	☹	
	ODMT0504ZZN-F57	M	8	0,8	1,2		☺	😐	😐	☹	😐	😐		☹						😐	☹	☹			😐	😐		☹	
	ODHX0504ZZR-A57	H	1	0,8	7,2	☺			☹							☺	☺					☹							☺

ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN...
ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN . .

HC = Coated carbide
CN = Silicon nitride Si_3N_4
HW = Uncoated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

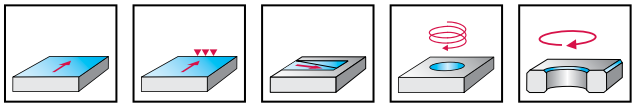
Octagonal face milling cutters

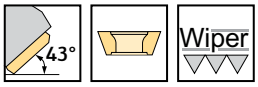
M5004 mm

OD .. 0504 ..; ODHX0504ZZR

Xtra·tec® XT

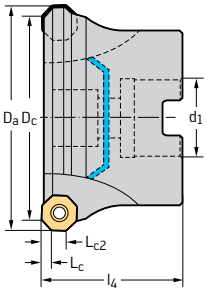
– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5004	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	L_{c2} mm	Z	kg	No. of inserts	Type
M5004-071-B22-07-03	63	71	22	40		3	8	7	0,48	7	OD .. 0504 .. ODHX0504ZZR
M5004-080-B27-06-03	72	80	27	50		3	8	6	0,88	6	
M5004-080-B27-07-03	72	80	27	50		3	8	7	1,16	7	
M5004-080-B27-08-03	72	80	27	50		3	8	8	0,91	8	
M5004-088-B27-07-03	80	88	27	50		3	8	7	1,05	7	
M5004-088-B27-08-03	80	88	27	50		3	8	8	1,07	8	
M5004-100-B32-08-03	92	100	32	50		3	8	8	1,59	8	
M5004-100-B32-10-03	92	100	32	50		3	8	10	1,57	10	
M5004-108-B32-08-03	100	108	32	50		3	8	8	1,77	8	
M5004-108-B32-10-03	100	108	32	50		3	8	10	1,77	10	
M5004-125-B40-10-03	117	125	40	63		3	8	10	3,07	10	
M5004-125-B40-12-03	117	125	40	63		3	8	12	3	12	

Bodies and assembly parts are included in the scope of delivery

D2

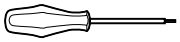
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ☺ → Moderate = ☹

New addition to the product range = ☻ ☺ ☹ / ★

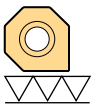
Assembly parts

	D_c [mm]	24–117
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 3 Nm

Accessories

	D_c [mm]	24–117
	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	b mm	P HC WH115X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K CN WSN10	K HC WAK15	K HC WH115X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WH115X
	ODHT050408-F57	H	8	0,8				😐	😐	😟				😟							😟	😟						😟	
	ODHW050412-A57	H	8	1,2											😀														
	ODMT050408-D57	M	8	0,8				😐	😐	😟	😐	😐		😟				😐	😐		😟	😟			😐	😐		😟	
	ODMW050408-A57	M	8	0,8			😐	😟	😟							😀		😐	😐	😐	😟	😟							
	ODMW050408T-A27	M	8	0,8			😐	😟	😟									😐	😐	😐	😟	😟							
	ODHT0504ZZN-F57	H	8	0,8	1,2		😀	😐	😐	😟	😐	😐		😟						😐	😟	😟			😐	😐		😟	
	ODHT0504ZZN-G77	H	8	0,8	1,6					😐				😐														😐	
	ODHT0504ZZN-G88	H	8	0,8	1,2																		😀	😐					
	ODHW0504ZZN-A57	H	8	0,8	1,2		😐	😟	😟							😀				😐	😟	😟							
	ODMT0504ZZN-D57	M	8	0,8	1,2		😀	😐	😐	😟	😐	😐	😟	😟				😐	😐	😐	😟	😟			😐	😐	😟	😟	
	ODMT0504ZZN-F57	M	8	0,8	1,2		😀	😐	😐	😟	😐	😐		😟						😐	😟	😟			😐	😐		😟	
	ODHX0504ZZR-A57	H	1	0,8	7,2	😀			😟							😀	😀					😟							😀

ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN...
ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN . .

HC = Coated carbide
CN = Silicon nitride Si_3N_4
HW = Uncoated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😀 → Good = 😐 → Moderate = 😟

😀 😐 😟 / ★ = New addition to the product range

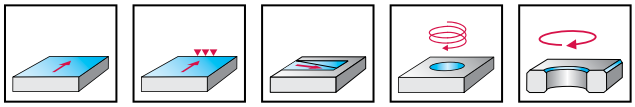
Octagonal face milling cutters

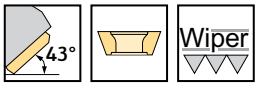
M5004 mm

OD .. 0605 ..; ODHX0605ZZR

Xtra·tec® XT

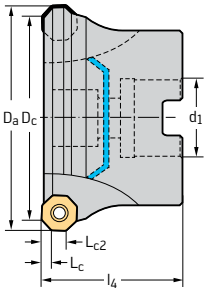
– 8 cutting edges per indexable insert





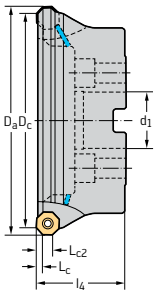
	P	M	K	N	S	H	O
M5004	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	L_{c2} mm	Z	kg	No. of inserts	Type
M5004-050-B16-03-04	40	50	16	40	4	10	3	0,19	3	OD .. 0605 .. ODHX0605ZZR
M5004-052-B22-03-04	42	52	22	45	4	10	3	0,29	3	
M5004-060-B16-03-04	50	60	16	40	4	10	3	0,29	3	
M5004-063-B22-04-04	53	63	22	40	4	10	4	0,38	4	
M5004-063-B22-05-04	53	63	22	40	4	10	5	0,34	5	
M5004-063-B22-06-04	53	63	22	40	4	10	6	0,35	6	
M5004-066-B27-05-04	56	66	27	50	4	10	5	0,63	5	
M5004-066-B27-06-04	56	66	27	50	4	10	6	0,6	6	
M5004-073-B22-05-04	63	73	22	40	4	10	5	0,48	5	
M5004-073-B22-06-04	63	73	22	40	4	10	6	0,45	6	
M5004-080-B27-05-04	70	80	27	50	4	10	5	0,85	5	
M5004-080-B27-06-04	70	80	27	50	4	10	6	0,85	6	
M5004-080-B27-07-04	70	80	27	50	4	10	7	0,82	7	
M5004-090-B27-06-04	80	90	27	50	4	10	6	1	6	
M5004-090-B27-07-04	80	90	27	50	4	10	7	0,99	7	
M5004-100-B32-07-04	90	100	32	50	4	10	7	1,44	7	
M5004-100-B32-09-04	90	100	32	50	4	10	9	1,4	9	
M5004-110-B32-07-04	100	110	32	50	4	10	7	1,64	7	
M5004-110-B32-09-04	100	110	32	50	4	10	9	1,69	9	
M5004-125-B40-08-04	115	125	40	63	4	10	8	2,79	8	
M5004-125-B40-10-04	115	125	40	63	4	10	10	2,8	10	
M5004-135-B40-08-04	125	135	40	63	4	10	8	3,16	8	
M5004-135-B40-10-04	125	135	40	63	4	10	10	3,1	10	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	L_{c2} mm	Z	kg	No. of inserts	Type
M5004-160-B40-09-04	150	160	40	63	4	10	9	4,23	9	OD .. 0605 .. ODHX0605ZZR
M5004-160-B40-11-04	150	160	40	63	4	10	11	4,22	11	
M5004-170-B40-09-04	160	170	40	63	4	10	9	4,71	9	
M5004-170-B40-11-04	160	170	40	63	4	10	11	4,66	11	

Bodies and assembly parts are included in the scope of delivery

D 2

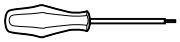
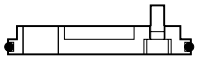
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

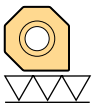
Assembly parts

	D_c [mm]	40–160
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm

Accessories

	D_c [mm]	40–125	56	150–160
	***	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)	FS1486 (T20IP)
	(inkl. Dichtring + Schrauben) Sealing disc set			FS936 SET KOMPLETT
	Gasket			O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K CN WSN10	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ODHT060512-F57	H	8	1,2				☺	☺	☹				☺							☹	☹						☺	
	ODHW060516-A57	H	8	1,6											☺														
	ODMT060512-D57	M	8	1,2				☺	☺	☹	☺	☺		☺				☺	☺		☹	☹			☺	☺		☹	
	ODMW060508-A57	M	8	0,8			☺	☹	☹							☺		☺	☺	☺	☹	☹							
	ODMW060508T-A27	M	8	0,8			☺	☹	☹									☺	☺	☺	☹	☹							
	ODHT0605ZZN-F57	H	8	0,8	1,6		☺	☺	☺	☹	☺	☺		☹						☺	☹	☹			☺	☺		☹	
	ODHT0605ZZN-G77	H	8	0,8	1,6					☺				☺															
	ODHT0605ZZN-G88	H	8	0,8	1,6																		☺	☺					
	ODHW0605ZZN-A57	H	8	0,8	1,6		☺	☹	☹							☺				☺	☹	☹							
	ODMT0605ZZN-D57	M	8	0,8	1,6		☺	☺	☺	☹	☺	☺	☹	☹				☺	☺	☺	☹	☹			☺	☺	☹	☹	
	ODMT0605ZZN-F57	M	8	0,8	1,6		☺	☺	☺	☹	☺	☺		☹						☺	☹	☹			☺	☺		☹	
	ODHX0605ZZR-A57	H	1	0,8	9,4	☺			☹							☺	☺					☹							☺

ODHX0605ZZR-A57 wiper insert only in combination with ODH.0605ZZN . .

HC = Coated carbide
CN = Silicon nitride Si_3N_4
HW = Uncoated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

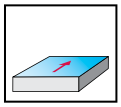
Face milling cutters

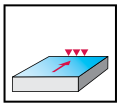
M5009 mm

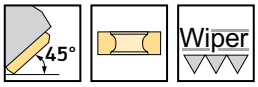
SN . X0904 ..; XNGX0904ANN

Xtra·tec® XT

– 8 cutting edges per indexable insert

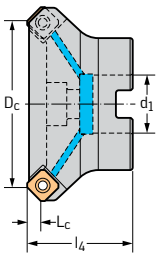






	P	M	K	N	S	H	O
M5009	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5009-040-B16-04-05	40	16	40	5	4	0,3	4	SN . X0904 .. XNGX0904ANN
M5009-040-B16-06-05	40	16	40	5	6	0,29	6	
M5009-050-B22-06-05	50	22	40	5	6	0,44	6	
M5009-050-B22-08-05	50	22	40	5	8	0,43	8	
M5009-063-B22-07-05	63	22	40	5	7	0,56	7	
M5009-063-B22-09-05	63	22	40	5	9	0,56	9	
M5009-080-B27-08-05	80	27	50	5	8	1,36	8	
M5009-080-B27-11-05	80	27	50	5	11	1,36	11	
M5009-100-B32-09-05	100	32	50	5	9	1,85	9	
M5009-100-B32-13-05	100	32	50	5	13	1,83	13	

Bodies and assembly parts are included in the scope of delivery

D2

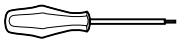
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

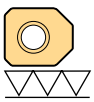
Assembly parts

	D_c [mm]	40–100
	Clamping screw for indexable insert Tightening torque	FS2579 (T8IP) 1,2 Nm

Accessories

	D_c [mm]	40–100
	Torque screwdriver, analogue	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	SNGX0904ANN-F57	G	8	0,4	1,2		☺	😐	😐	☹			😐	☹				😐	😐	😐	☹	☹					😐	☹	
	SNGX0904ANN-F67	G	8	0,4	1,2			😐	😐	☹		😐	😐	☹							☹	☹				😐	😐	☹	
	SNHX0904ANN-K88	H	8	0,4	1,5																		☺	😐				
	SNMX0904ANN-F27	M	8	0,4	1,2		☺	😐	😐											😐	☹	☹						
	SNMX0904ANN-F57	M	8	0,4	1,2		☺	😐	😐	☹			😐	☹				😐	😐	😐	☹	☹					😐	☹	
	SNMX0904ANN-F67	M	8	0,4	1,2			😐	😐	☹		😐	😐	☹							☹	☹				😐	😐	☹	
	SNMX090408-F27	M	8	0,8			☺	😐	😐											😐	☹	☹						
	SNMX090408-F57	M	8	0,8			☺	😐	😐	☹		😐	😐	☹				😐	😐	😐	☹	☹				😐	😐	☹	
	SNMX090408-F67	M	8	0,8			☺	😐	😐	☹		😐	😐	☹						😐	☹	☹				😐	😐	☹	
	XNGX0904ANN-F67	G	2	0,4	5	☺					☺				☺	☺	☺						☺						☺

XNGX0904ANN-F67 wiper insert only in combination with SNGX0904ANN...

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

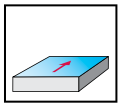
Face milling cutters

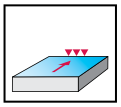
M5009 mm

SN . X1205 ..; XNGX1205ANN

Xtra·tec® XT

– 8 cutting edges per indexable insert

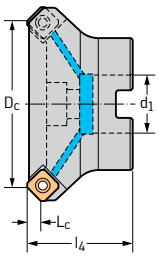




	P	M	K	N	S	H	O
M5009	●●	●●	●●	●●	●●	●	●

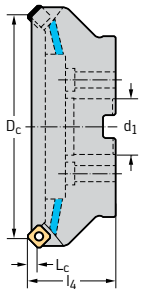
Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5009-050-B22-06-06	50	22	40	6	6	0,49	6	SN . X1205 .. XNGX1205ANN
M5009-063-B22-08-06	63	22	40	6	8	0,54	8	
M5009-063-B27-08-06	63	27	50	6	8	0,8	8	
M5009-080-B27-10-06	80	27	50	6	10	1,15	10	
M5009-100-B32-12-06	100	32	50	6	12	1,79	12	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5009-125-B40-16-06	125	40	63	6	16	3,34	16	SN . X1205 .. XNGX1205ANN
M5009-160-B40-20-06	160	40	63	6	20	5,05	20	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D2

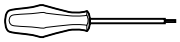
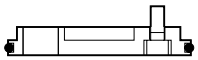
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

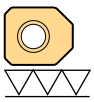
Assembly parts

	D_c [mm]	50–160
	Clamping screw for indexable insert Tightening torque	FS1459 (T15IP) 4 Nm

Accessories

	D_c [mm]	50–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	SNGX120512-F57	G	8	1,2			☻	☻	☻	☹		☻	☻	☹						☻	☹	☹				☻	☻	☹	
	SNMX120512-D27	M	8	1,2			☻	☻	☻									☻	☻	☻	☹	☹							
	SNMX120520-D27	M	8	2			☻	☻	☻									☻	☻	☻	☹	☹							
	SNMX120512-F27	M	8	1,2			☻		☻											☻		☹							
	SNMX120512-F57	M	8	1,2			☻	☻	☻	☹		☻	☻	☹				☻	☻	☻	☹	☹				☻	☻	☹	
	SNMX120520-F57	M	8	2			☻	☻	☻	☹		☻	☻	☹				☻	☻	☻	☹	☹				☻	☻	☹	
	SNMX120512-F67	M	8	1,2			☻	☻	☻	☹		☻	☻	☹		☻				☻	☹	☹				☻	☻	☹	
	SNGX1205ANN-F27	G	8	0,8	1,5		☻	☻	☻											☻	☹	☹							
	SNGX1205ANN-F57	G	8	0,8	1,5		☻	☻	☻	☹		☻	☻	☹				☻	☻	☻	☹	☹				☻	☻	☹	
	SNGX1205ANN-F67	G	8	0,8	1,5		☻	☻	☻	☹		☻	☻	☹		☻				☻	☹	☹				☻	☻	☹	
	SNHX1205ANN-K88	H	8	0,8	1,5																			☻	☹				
	SNMX1205ANN-F27	M	8	0,8	1,5		☻	☻	☻											☻	☹	☹							
	SNMX1205ANN-F57	M	8	0,8	1,5		☻	☻	☻									☻	☻	☻	☹	☹							
	SNMX1205ANN-F67	M	8	0,8	1,5		☻	☻	☻							☻				☻	☹	☹							
	XNGX1205ANN-F67	G	2	1,2	4,7	☻					☻				☻	☻	☻						☻						☻

XNGX1205ANN-F67 wiper insert only in combination with SNGX1205ANN . .

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

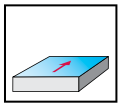
Face milling cutters

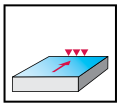
M5009 mm

SN . X1205 ..; XNGX1205ANN

Xtra·tec® XT

– 8 cutting edges per indexable insert

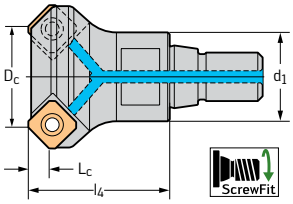




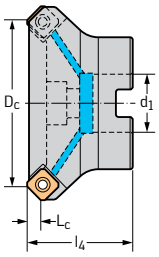
	P	M	K	N	S	H	O
M5009	●●	●●	●●	●●	●●	●	●

Tool

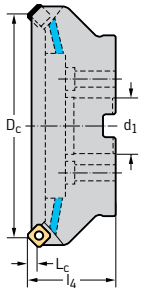
Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5009-040-T36-04-06-AP	40	T36	40	6	4	0,37	4	SN . X1205 .. XNGX1205ANN
M5009-050-B22-04-06-AP	50	22	40	6	4	0,61	4	SN . X1205 .. XNGX1205ANN
M5009-063-B22-06-06-AP	63	22	40	6	6	0,79	6	
M5009-063-B27-06-06-AP	63	27	50	6	6	0,8	6	
M5009-080-B27-05-06-AP	80	27	50	6	5	1,22	5	
M5009-080-B27-07-06-AP	80	27	50	6	7	1,39	7	
M5009-100-B32-06-06-AP	100	32	50	6	6	1,87	6	
M5009-100-B32-08-06-AP	100	32	50	6	8	2,69	8	
M5009-125-B40-07-06-AP	125	40	63	6	7	4,68	7	SN . X1205 .. XNGX1205ANN
M5009-125-B40-10-06-AP	125	40	63	6	10	3,38	10	
M5009-160-B40-08-06-AP	160	40	63	6	8	5,19	8	
M5009-160-B40-12-06-AP	160	40	63	6	12	5,1	12	



ScrewFit



Shell mill mount DIN 138 transverse keyway



Shell mill mount DIN 138 transverse keyway

M5009...-AP with carbide shim | Bodies and assembly parts are included in the scope of delivery

D2

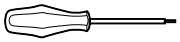
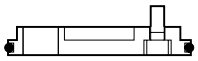
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

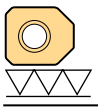
Assembly parts

	D_c [mm]	40–160
	Shim for indexable insert	AP800-SN1205 H81
	Clamping screw for shim	FS2069 (SW 4)
	Clamping screw for indexable insert Tightening torque	FS2617 (T15IP) 4 Nm

Accessories

	D_c [mm]	40–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Key for shim screw	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	SNGX120512-F57	G	8	1,2			☻	☻	☻	☻		☻	☻	☻						☻	☻	☻				☻	☻	☻	
	SNMX120512-D27	M	8	1,2			☻	☻	☻									☻	☻	☻	☻	☻							
	SNMX120520-D27	M	8	2			☻	☻	☻									☻	☻	☻	☻	☻							
	SNMX120512-F27	M	8	1,2			☻		☻											☻		☹							
	SNMX120512-F57	M	8	1,2			☻	☻	☻	☻		☻	☻	☻				☻	☻	☻	☻	☻				☻	☻	☻	
	SNMX120520-F57	M	8	2			☻	☻	☻	☻		☻	☻	☻				☻	☻	☻	☻	☻				☻	☻	☻	
	SNMX120512-F67	M	8	1,2			☻	☻	☻	☻		☻	☻	☻		☻				☻	☻	☻				☻	☻	☻	
	SNGX1205ANN-F27	G	8	0,8	1,5		☻	☻	☻											☻	☻	☻							
	SNGX1205ANN-F57	G	8	0,8	1,5		☻	☻	☻	☻		☻	☻	☻				☻	☻	☻	☻	☻				☻	☻	☻	
	SNGX1205ANN-F67	G	8	0,8	1,5		☻	☻	☻	☻		☻	☻	☻		☻				☻	☻	☻				☻	☻	☻	
	SNHX1205ANN-K88	H	8	0,8	1,5																			☻	☻				
	SNMX1205ANN-F27	M	8	0,8	1,5		☻	☻	☻											☻	☻	☻							
	SNMX1205ANN-F57	M	8	0,8	1,5		☻	☻	☻									☻	☻	☻	☻	☻							
	SNMX1205ANN-F67	M	8	0,8	1,5		☻	☻	☻							☻				☻	☻	☻							
	XNGX1205ANN-F67	G	2	1,2	4,7	☻					☻				☻	☻	☻						☻						☻

XNGX1205ANN-F67 wiper insert only in combination with SNGX1205ANN . .

HC = Coated carbide
HW = Uncoated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ☻ → Moderate = ☻

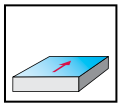
☻ ☻ ☻ / ★ = New addition to the product range

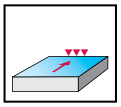
Face milling cutters

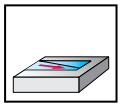
M4003 mm

SD .. 09T3AZN; SDHX09T3AZR

– 4 cutting edges per indexable insert

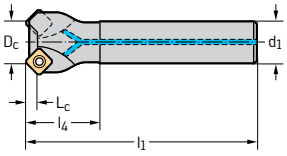






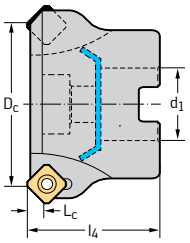
	P	M	K	N	S	H	O
M4003	●●	●●	●●	●●	●●	●	●

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
M4003-020-A20-02-4.5	20	20	35	110	4,5	2	0,32	2	SD .. 09T3AZN SDHX09T3AZR
M4003-025-A25-03-4.5	25	25	35	110	4,5	3	0,47	3	
M4003-032-A32-04-4.5	32	32	35	110	4,5	4	0,74	4	



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
M4003-032-B16-04-4.5	32	16	40		4,5	4	0,27	4	SD .. 09T3AZN SDHX09T3AZR
M4003-032-B16-05-4.5	32	16	40		4,5	5	0,27	5	
M4003-040-B16-04-4.5	40	16	40		4,5	4	0,36	4	
M4003-040-B16-06-4.5	40	16	40		4,5	6	0,35	6	
M4003-050-B22-06-4.5	50	22	40		4,5	6	0,52	6	
M4003-050-B22-08-4.5	50	22	40		4,5	8	0,51	8	
M4003-063-B22-07-4.5	63	22	40		4,5	7	0,68	7	
M4003-063-B22-10-4.5	63	22	40		4,5	10	0,67	10	
M4003-080-B27-08-4.5	80	27	50		4,5	8	1,24	8	
M4003-080-B27-12-4.5	80	27	50		4,5	12	1,13	12	
M4003-100-B32-09-4.5	100	32	50		4,5	9	2,02	9	
M4003-100-B32-14-4.5	100	32	50		4,5	14	2,84	14	

Bodies and assembly parts are included in the scope of delivery

D2

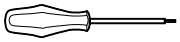
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

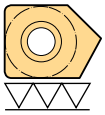
Assembly parts

	D_c [mm]	20–100
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 2 Nm

Accessories

	D_c [mm]	20–100
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2268 (T10IP)
	Screwdriver	FS2267 (T10IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	SDGT09T3AZN-F57	G	4	0,3	1,4		☺	☺	☺	☹			☺		☹		☺				☺	☹	☹					☺		☹	
	SDGT09T3AZN-G77	G	4	0,3	1,2					☺					☺																
	SDGW09T3AZR-A88	G	1	0,3																				☺							
	SDHT09T3AZN-G88	H	4	0,3	1,2																				☺	☺					
	SDMT09T3AZN-D57	M	4	0,3	1,2		☺	☺	☺	☹		☺	☺		☹				☺	☺	☺	☹	☹					☺	☺		☹	
	SDMT09T3AZN-F57	M	4	0,3	1,4		☺	☺	☺	☹				☹	☹						☺	☹	☹							☹	☹	
	SDMW09T3AZN-A57	M	4	0,3	1,2		☺	☹	☹								☺				☺	☹	☹									
	SDHX09T3AZR-A88	H	1	0,5	5,6	☺					☺					☺	☺	☺						☺								☺

HC = beschichtetes Hartmetall
DP = Polykristaliner Diamant
HW = unbeschichtetes Hartmetal

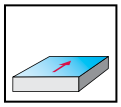
D2

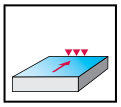
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

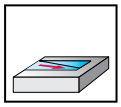
☺ 😐 ☹ / ★ = New addition to the product range

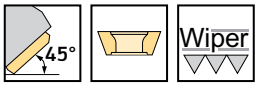
Face milling cutters
M4003 inch
SD .. 09T3AZN; SDHX09T3AZR

– 4 cutting edges per indexable insert



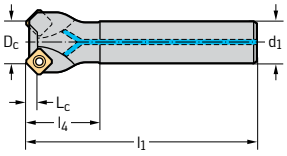






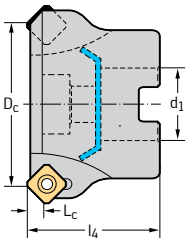
	P	M	K	N	S	H	O
M4003	●●	●●	●●	●●	●●	●	●

Tool



Cylindrical shank

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M4003.019-A19-02-4.5	0,750	0,750	1,378	4,331	0,177	2	0,644	2	SD .. 09T3AZN SDHX09T3AZR
M4003.026-A26-03-4.5	1,000	1,000	1,378	4,331	0,177	3	1,078	3	



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M4003.031-B13-04-4.5	1,250	0,500	1,575		0,177	4	0,507	4	SD .. 09T3AZN SDHX09T3AZR
M4003.038-B19-04-4.5	1,500	0,750	1,575		0,177	4	0,743	4	
M4003.051-B19-06-4.5	2,000	0,750	1,575		0,177	6	1,142	6	
M4003.064-B26-07-4.5	2,500	1,000	1,969		0,177	7	1,881	7	
M4003.076-B26-08-4.5	3,000	1,000	1,969		0,177	8	2,553	8	
M4003.102-B38-09-4.5	4,000	1,500	2,48		0,177	9	6,352	9	

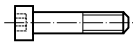
Bodies and assembly parts are included in the scope of delivery

D 2

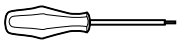
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

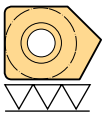
Assembly parts

	D_c [inch]	0,75–2	1,25	2,5–3	4
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 1,475 lbs	FS2266 (T10IP) 1,475 lbs	FS2266 (T10IP) 1,475 lbs	FS2266 (T10IP) 1,475 lbs
	Clamping screw for arbour-mounted tools		FS1527	FS1519	FS1583

Accessories

	D_c [inch]	0,75–4
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2268 (T10IP)
	Screwdriver	FS2267 (T10IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	SDGT09T3AZN-F57	G	4	0,012	0,055		☻	☺	☺	☹			☺		☹		☻			☺	☹	☹						☺		☹	
	SDGT09T3AZN-G77	G	4	0,012	0,047					☺					☺																☺	
	SDGW09T3AZR-A88	G	1	0,012																				☺							
	SDHT09T3AZN-G88	H	4	0,012	0,047																				☻	☺					
	SDMT09T3AZN-D57	M	4	0,012	0,047		☻	☺	☺	☹		☺	☺		☹				☺	☺	☺	☹	☹					☺	☺		☹	
	SDMT09T3AZN-F57	M	4	0,012	0,055		☻	☺	☺	☹				☹	☹						☺	☹	☹							☹	☹	
	SDMW09T3AZN-A57	M	4	0,012	0,047		☺	☹	☹								☻				☺	☹	☹									
	SDHX09T3AZR-A88	H	1	0,020	0,22	☻					☻					☻	☻	☻						☻								☻

HC = beschichtetes Hartmetall
DP = Polykristaliner Diamant
HW = unbeschichtetes Hartmetal

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ☺ → Moderate = ☹

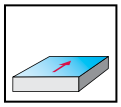
☻ ☺ ☹ / ★ = New addition to the product range

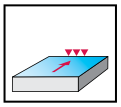
Face milling cutters

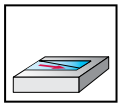
M4003 mm

SD .. 1204AZN; SDHX1204AZR

– 4 cutting edges per indexable insert

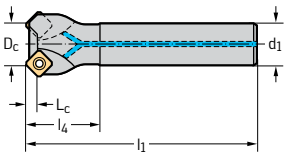
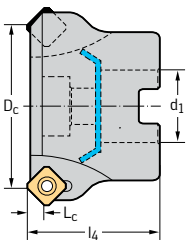
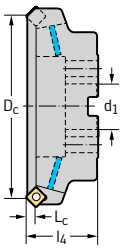






	P	M	K	N	S	H	O
M4003	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
Cylindrical shank									
	M4003-025-A25-02-6.5	25	25	35	110	6,5	2	0,5	2	SD .. 1204AZN SDHX1204AZR
Shell mill mount DIN 138 transverse keyway									
	M4003-040-B16-04-6.5	40	16	40		6,5	4	0,36	4	SD .. 1204AZN SDHX1204AZR
	M4003-050-B22-04-6.5	50	22	40		6,5	4	0,5	4	
	M4003-050-B22-05-6.5	50	22	40		6,5	5	0,51	5	
	M4003-063-B22-05-6.5	63	22	40		6,5	5	0,65	5	
	M4003-063-B22-07-6.5	63	22	40		6,5	7	0,65	7	
	M4003-080-B27-06-6.5	80	27	50		6,5	6	1,19	6	
	M4003-080-B27-09-6.5	80	27	50		6,5	9	1,28	9	
	M4003-100-B32-07-6.5	100	32	50		6,5	7	2,05	7	
	M4003-100-B32-11-6.5	100	32	50		6,5	11	2,02	11	
	M4003-125-B40-08-6.5	125	40	63		6,5	8	3,43	8	
	M4003-125-B40-13-6.5	125	40	63		6,5	13	3,39	13	
Shell mill mount DIN 138 transverse keyway									
	M4003-160-B40-09-6.5	160	40	63		6,5	9	4,34	9	SD .. 1204AZN SDHX1204AZR
	M4003-160-B40-15-6.5	160	40	63		6,5	15	4,29	15	

Bodies and assembly parts are included in the scope of delivery

D2

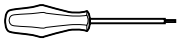
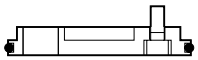
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

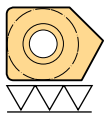
Assembly parts

	D_c [mm]	25–160
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm

Accessories

	D_c [mm]	25–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	SDGT1204AZN-F57	G	4	0,3	1,8		☺	😐	😐	☹		😐	😐		☹		☺				😐	☹	☹				😐	😐		☹	
	SDGT1204AZN-G77	G	4	0,3	1,4					😐					😐															😐	
	SDHT1204AZN-G88	H	4	0,3	1,4																				☺	😐					
	SDMT1204AZN-D57	M	4	0,3	1,4		☺	😐	😐	☹		😐	😐		☹		☺		😐	😐	😐	☹	☹				😐	😐		☹	
	SDMT1204AZN-F57	M	4	0,3	1,8		☺	😐	😐	☹				☹	☹						😐	☹	☹						☹	☹	
	SDMW1204AZN-A57	M	4	0,3	1,4		😐	☹	☹								☺				😐	☹	☹								
	SDHX1204AZR-A88	H	1	0,5	7,5	☺					☺					☺	☺	☺						☺							☺

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

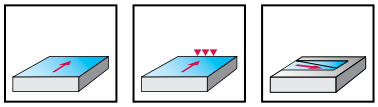
D2

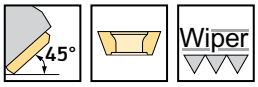
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

Face milling cutters
M4003 inch
SD .. 1204AZN; SDHX1204AZR

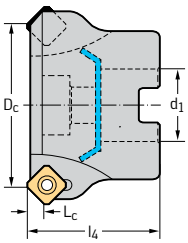
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4003	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M4003.051-B19-04-6.5	2,000	0,750	1,575	0,256	4	1,065	4	SD .. 1204AZN SDHX1204AZR
M4003.064-B26-05-6.5	2,500	1,000	1,969	0,256	5	1,885	5	
M4003.076-B26-06-6.5	3,000	1,000	1,969	0,256	6	2,712	6	
M4003.102-B38-07-6.5	4,000	1,500	2,48	0,256	7	6,894	7	
M4003.127-B38-08-6.5	5,000	1,500	2,48	0,256	8	8,263	8	
M4003.152-B38-09-6.5	6,000	1,500	2,48	0,256	9	11,433	9	

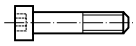
Bodies and assembly parts are included in the scope of delivery

D 2

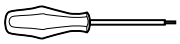
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

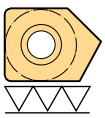
Assembly parts

	D_c [inch]	2	2,5–3	4–6
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 2,581 lbs	FS1453 (T15IP) 2,581 lbs	FS1453 (T15IP) 2,581 lbs
	Clamping screw for arbour-mounted tools	FS1523	FS1519	FS1583

Accessories

	D_c [inch]	2–6
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	SDGT1204AZN-F57	G	4	0,012	0,071		☺	☺	☺	☹		☺	☺		☹		☺				☺	☹	☹				☺	☺		☹	
	SDGT1204AZN-G77	G	4	0,012	0,055					☺					☺															☺	
	SDHT1204AZN-G88	H	4	0,012	0,055																				☺	☺					
	SDMT1204AZN-D57	M	4	0,012	0,055		☺	☺	☺	☹		☺	☺		☹		☺		☺	☺	☺	☹	☹				☺	☺		☹	
	SDMT1204AZN-F57	M	4	0,012	0,071		☺	☺	☺	☹				☹	☹						☺	☹	☹						☹	☹	
	SDMW1204AZN-A57	M	4	0,012	0,055		☺	☹	☹								☺				☺	☹	☹								
	SDHX1204AZR-A88	H	1	0,020	0,297	☺					☺					☺	☺	☺						☺							☺

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

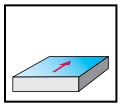
Heptagon face milling cutters

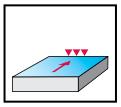
M3024 mm

XN . U0705 ..; XNGX0705ANN

Walter BLAXX

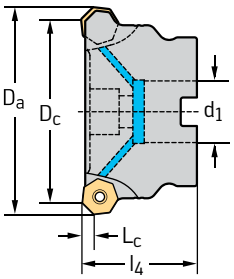
– 14 cutting edges per indexable insert





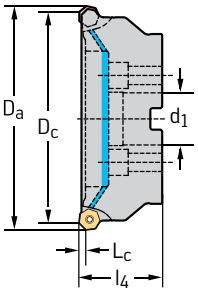
	P	M	K	N	S	H	O
M3024	●●	●●	●●		●●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M3024-040-B16-03-04	40	49,8	16	40	4	3	0,32	3	XN . U0705 .. XNGX0705ANN
M3024-050-B22-04-04	50	59,8	22	40	4	4	0,53	4	
M3024-050-B22-05-04	50	59,8	22	40	4	5	0,46	5	
M3024-063-B22-05-04	63	72,8	22	40	4	5	0,82	5	
M3024-063-B22-06-04	63	72,8	22	40	4	6	0,84	6	
M3024-080-B27-06-04	80	89,8	27	50	4	6	1,46	6	
M3024-080-B27-07-04	80	89,8	27	50	4	7	1,45	7	
M3024-100-B32-07-04	100	109,8	32	50	4	7	2,71	7	
M3024-100-B32-08-04	100	109,8	32	50	4	8	2,66	8	
M3024-125-B40-08-04	125	134,8	40	63	4	8	4,22	8	
M3024-125-B40-10-04	125	134,8	40	63	4	10	4,28	10	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M3024-160-B40-09-04	160	169,8	40	63	4	9	6,61	9	XN . U0705 .. XNGX0705ANN
M3024-160-B40-12-04	160	169,8	40	63	4	12	6,54	12	

Bodies and assembly parts are included in the scope of delivery

D2

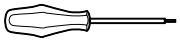
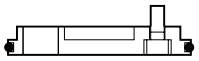
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

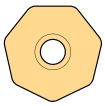
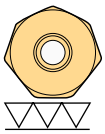
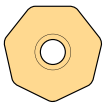
Assembly parts

	D_c [mm]	40–160
	Shim for indexable insert	AP800-XN0705 H81
	Clamping screw for shim	FS2068 (SW 3,5)
	Clamping screw for indexable insert Tightening torque	FS2279 (T15IP) 3 Nm

Accessories

	D_c [mm]	40–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Key for shim screw	ISO2936-3,5 (SW 3,5)	ISO2936-3,5 (SW 3,5)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	XNGU0705ANN-F57	G	14	0,8	1,1		☺	😐	😐	☹		😐	😐		😐						☹	☹	☹		😐	😐		😐	
	XNGX0705ANN-F67	G	2	0,8	5,7	☺					☺					☺	☺	☺						☺					☺
	XNMU070508-F57	M	14	0,8			☺	😐	😐	☹		😐	😐		☹						☹	☹	☹		😐	😐		☹	
	XNMU0705ANN-F27	M	14	0,8	1,1		☺	😐	😐										☹	☹	😐	☹	☹						
	XNMU0705ANN-F57	M	14	0,8	1,1		☺	😐	😐	☹		😐	😐		☹						☹	☹	☹		😐	😐		☹	
	XNMU0705ANN-F67	M	14	0,8	1,1		☺	😐				😐	😐	☹							☹	☹			😐	😐	☹		

XNGX0705ANN-F67 wiper insert only in combination with XNGU0705ANN . .

HC = Coated carbide

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

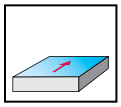
Heptagon face milling cutters

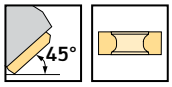
M3024 mm

XN . U0906 ..; XNGX0906ANN

Walter BLAXX

– 14 cutting edges per indexable insert

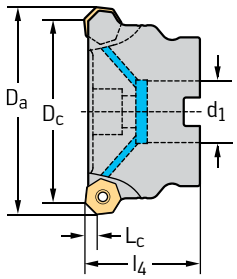




	P	M	K	N	S	H	O
M3024	●●	●●	●●		●●		

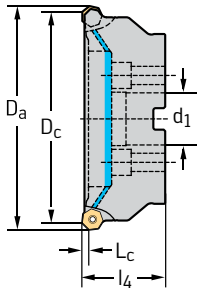
Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M3024-063-B22-05-06	63	75,86	22	40	6	5	0,61	5	XN . U0906 .. XNGX0906ANN
M3024-080-B27-06-06	80	92,86	27	50	6	6	1,42	6	
M3024-100-B32-07-06	100	112,86	32	50	6	7	2,74	7	
M3024-125-B40-08-06	125	137,86	40	63	6	8	4,24	8	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M3024-160-B40-09-06	160	172,86	40	63	6	9	6,49	9	XN . U0906 .. XNGX0906ANN



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D2

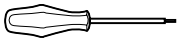
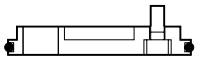
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

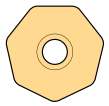
Assembly parts

	D_c [mm]	63–160
	Shim for indexable insert	AP800-XN0906 H81
	Clamping screw for shim	FS2091 (SW 5)
	Clamping screw for indexable insert Tightening torque	FS2112 (T20IP) 5 Nm

Accessories

	D_c [mm]	63–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)
	Key for shim screw	ISO2936-5 (SW 5)	ISO2936-5 (SW 5)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSM45X	S HC WSP45G
	XNMU090612-F57	M	14	1,2	☺	😐		☹			☹			😐	☹				☹
	XNMU0906ANN-F27	M	14	0,8	☺	😐	😐					😐	😐	😐	☹	☹			
	XNMU0906ANN-F57	M	14	0,8	☺	😐		☹	😐		☹			😐	☹		😐		☹
	XNMU0906ANN-F67	M	14	0,8	☺	😐				☹				😐	☹			☹	

HC = beschichtetes Hartmetall

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

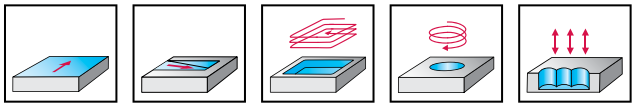
High-feed milling cutter

M5008 mm

ENMX08T316R

Xtra·tec® XT

– 4 cutting edges per indexable insert

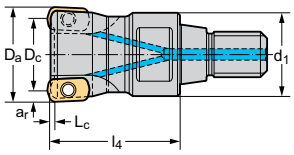


κ= 0–17°

	P	M	K	N	S	H	O
M5008	●●	●●	●●		●●	●●	

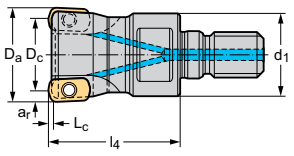
Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
M5008-016-T14-02-01	10,1	16	T14	25		1	2,9	2	0,03	2	ENMX08T316R
M5008-020-T18-03-01	14,1	20	T18	30		1	2,9	3	0,05	3	
M5008-020-T18-04-01	14,1	20	T18	30		1	2,9	4	0,05	4	
M5008-025-T22-04-01	19,1	25	T22	35		1	2,9	4	0,09	4	
M5008-025-T22-05-01	19,1	25	T22	35		1	2,9	5	0,09	5	
M5008-030-T28-04-01	24,1	30	T28	40		1	2,9	4	0,17	4	
M5008-030-T28-05-01	24,1	30	T28	40		1	2,9	5	0,17	5	
M5008-032-T28-05-01	26,1	32	T28	40		1	2,9	5	0,18	5	
M5008-032-T28-06-01	26,1	32	T28	40		1	2,9	6	0,18	6	
M5008-035-T28-05-01	29,1	35	T28	40		1	2,9	5	0,2	5	
M5008-035-T28-06-01	29,1	35	T28	40		1	2,9	6	0,2	6	
M5008-040-T36-06-01	34,1	40	T36	40		1	2,9	6	0,33	6	
M5008-040-T36-08-01	34,1	40	T36	40		1	2,9	8	0,32	8	
M5008-042-T36-06-01	36,1	42	T36	40		1	2,9	6	0,34	6	
M5008-042-T36-08-01	36,1	42	T36	40		1	2,9	8	0,33	8	



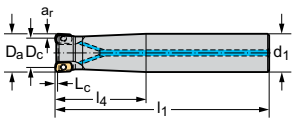
ScrewFit

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
M5008-016-TC08-02-01	10,1	16	M8	25		1	2,9	2	0,03	2	ENMX08T316R
M5008-020-TC10-03-01	14,1	20	M10	30		1	2,9	3	0,04	3	
M5008-020-TC10-04-01	14,1	20	M10	30		1	2,9	4	0,04	4	
M5008-025-TC12-04-01	19,1	25	M12	35		1	2,9	4	0,08	4	
M5008-025-TC12-05-01	19,1	25	M12	35		1	2,9	5	0,08	5	
M5008-030-TC16-04-01	24,1	30	M16	40		1	2,9	4	0,16	4	
M5008-030-TC16-05-01	24,1	30	M16	40		1	2,9	5	0,16	5	
M5008-032-TC16-05-01	26,1	32	M16	40		1	2,9	5	0,17	5	
M5008-032-TC16-06-01	26,1	32	M16	40		1	2,9	6	0,17	6	
M5008-035-TC16-05-01	29,1	35	M16	40		1	2,9	5	0,19	5	
M5008-035-TC16-06-01	29,1	35	M16	40		1	2,9	6	0,2	6	
M5008-040-TC16-06-01	34,1	40	M16	40		1	2,9	6	0,22	6	
M5008-040-TC16-08-01	34,1	40	M16	40		1	2,9	8	0,23	8	
M5008-042-TC16-06-01	36,1	42	M16	40		1	2,9	6	0,24	6	
M5008-042-TC16-08-01	36,1	42	M16	40		1	2,9	8	0,25	8	



Cylindrical modular

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
M5008-016-A16-02-01	10	16	16	30	100	1	2,9	2	0,13	2	ENMX08T316R
M5008-020-A20-03-01	14,1	20	20	50	130	1	2,9	3	0,27	3	
M5008-020-A20-04-01	14,1	20	20	50	130	1	2,9	4	0,27	4	
M5008-025-A25-04-01	19,1	25	25	60	140	1	2,9	4	0,47	4	
M5008-025-A25-05-01	19,1	25	25	60	140	1	2,9	5	0,46	5	
M5008-032-A32-05-01	26,1	32	32	70	150	1	2,9	5	0,84	5	
M5008-032-A32-06-01	26,1	32	32	70	150	1	2,9	6	0,83	6	



Cylindrical shank

Bodies and assembly parts are included in the scope of delivery

D2

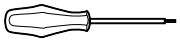
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

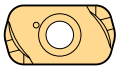
Assembly parts

	D_a [mm]	16–66
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm

Accessories

	D_a [mm]	16–66
	Torque screwdriver, analogue	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ENMX08T316R-D27	M	4	1,6	☹	☺	😐	😐	☹	😐	😐		☹	😐	😐	☹	☹	😐	😐		☹	😐
	ENMX08T316R-F47	M	4	1,6		☺	😐	😐	☹	😐	😐	☹	☹		😐	☹	☹	😐	😐	☹	☹	

HC = beschichtetes Hartmetall

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

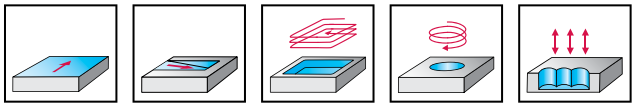
High-feed milling cutter

M5008 mm

ENMX08T316R

Xtra·tec® XT

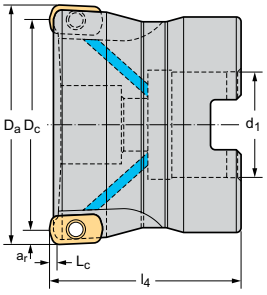
– 4 cutting edges per indexable insert



κ= 0–17°

	P	M	K	N	S	H	O
M5008	●●	●●	●●		●●	●●	

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
M5008-032-B16-05-01	26,1	32	16	40		1	2,9	5	0,13	5	ENMX08T316R
M5008-032-B16-06-01	26,1	32	16	40		1	2,9	6	0,13	6	
M5008-035-B16-05-01	29,1	35	16	40		1	2,9	5	0,14	5	
M5008-035-B16-06-01	29,1	35	16	40		1	2,9	6	0,15	6	
M5008-040-B16-06-01	34,1	40	16	40		1	2,9	6	0,2	6	
M5008-040-B16-08-01	34,1	40	16	40		1	2,9	8	0,21	8	
M5008-042-B16-06-01	36,1	42	16	40		1	2,9	6	0,23	6	
M5008-042-B16-08-01	36,1	42	16	40		1	2,9	8	0,23	8	
M5008-050-B22-07-01	44,1	50	22	40		1	2,9	7	0,36	7	
M5008-050-B22-09-01	44,1	50	22	40		1	2,9	9	0,36	9	
M5008-052-B22-07-01	46,1	52	22	40		1	2,9	7	0,38	7	
M5008-052-B22-09-01	46,1	52	22	40		1	2,9	9	0,38	9	
M5008-063-B22-08-01	57,1	63	22	40		1	2,9	8	0,52	8	
M5008-063-B22-10-01	57,1	63	22	40		1	2,9	10	0,51	10	
M5008-066-B27-08-01	60,1	66	27	50		1	2,9	8	0,82	8	
M5008-066-B27-10-01	60,1	66	27	50		1	2,9	10	0,81	10	

Bodies and assembly parts are included in the scope of delivery

D 2

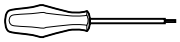
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

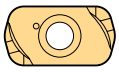
Assembly parts

	D_a [mm]	16–66
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm

Accessories

	D_a [mm]	16–66
	Torque screwdriver, analogue	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ENMX08T316R-D27	M	4	1,6	☹	☺	😐	😐	☹	😐	😐		☹	😐	😐	☹	☹	😐	😐		☹	☺
	ENMX08T316R-F47	M	4	1,6		☺	😐	😐	☹	😐	😐	☹	☹		😐	☹	☹	😐	😐	☹	☹	

HC = beschichtetes Hartmetall

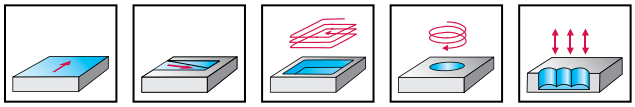
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

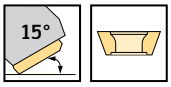
☺ 😐 ☹ / ★ = New addition to the product range

High-feed milling cutter

M4002 mm

– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4002	●●	●●	●●	●●	●●	●	

Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
ScrewFit											
M4002-020-T18-02-01	8,4	20	T18	30		1	6	2	0,07	2	SD .. 06T2 .. SDM . 06T2ZDR
M4002-025-T22-02-01,5	8,3	25	T22	40		1,5	8	2	0,11	2	SD .. 09T3 .. SDMX0904ZDR
M4002-025-T22-03-01	13,4	25	T22	35		1	6	3	0,12	3	SD .. 06T2 .. SDM . 06T2ZDR
M4002-032-T28-03-01,5	15,3	32	T28	40		1,5	8	3	0,16	3	SD .. 09T3 .. SDMX0904ZDR
M4002-032-T28-04-01	20,4	32	T28	40		1	6	4	0,22	4	SD .. 06T2 .. SDM . 06T2ZDR
M4002-035-T28-03-01,5	18,3	35	T28	40		1,5	8	3	0,2	3	SD .. 09T3 .. SDMX0904ZDR
M4002-040-T36-04-01,5	23,3	40	T36	40		1,5	8	4	0,31	4	
M4002-042-T36-03-01,5	25,3	42	T36	40		1,5	8	3	0,3	3	
Cylindrical modular											
M4002-020-TC10-02-01	8,4	20	M10	30		1	6	2	0,06	2	SD .. 06T2 .. SDM . 06T2ZDR
M4002-025-TC12-02-01,5	8,09	25	M12	40		1,5	8	2	0,09	2	SD .. 09T3 .. SDMX0904ZDR
M4002-025-TC12-03-01	13,4	25	M12	35		1	6	3	0,1	3	SD .. 06T2 .. SDM . 06T2ZDR
M4002-032-TC16-03-01,5	15,09	32	M16	40		1,5	8	3	0,14	3	SD .. 09T3 .. SDMX0904ZDR
M4002-032-TC16-04-01	20,4	32	M16	40		1	6	4	0,19	4	SD .. 06T2 .. SDM . 06T2ZDR
M4002-035-TC16-03-01,5	18,09	35	M16	40		1,5	8	3	0,16	3	SD .. 09T3 .. SDMX0904ZDR
M4002-035-TC16-04-01	23,4	35	M16	40		1	6	4	0,21	4	SD .. 06T2 .. SDM . 06T2ZDR
Cylindrical shank											
M4002-020-A20-02-01	8,4	20	20	30	200	1	6	2	0,49	2	SD .. 06T2 .. SDM . 06T2ZDR
M4002-025-A25-03-01	13,4	25	25	35	200	1	6	3	0,76	3	
M4002-032-A32-04-01	20,4	32	32	40	250	1	6	4	1,5	4	

*Measured using SDM.06T204, SDM.09T308, SDM.120408 | Bodies and assembly parts are included in the scope of delivery

D2

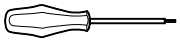
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Torque screwdriver, analogue	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	SDHT06T204-G88	H	4	0,4																☺	😐				
	SDMT06T204-D57	M	4	0,4		☺	😐	😐	😣	😐	😐		😣		😐	😐	😐	😣	😣			😐	😐		😣
	SDMT06T204-F57	M	4	0,4		☺	😐	😐	😣	😐	😐	😣	😣	☺			😐	😣	😣			😐	😐	😣	😣
	SDMT06T208-F57	M	4	0,8			😐	😐	😣				😣					😣	😣						😣
	SDMT06T212-F57	M	4	1,2			😐	😐	😣	😐	😐	😣	😣					😣	😣			😐	😐	😣	😣
	SDMW06T204-A57	M	4	0,4		😐	😣	😣									😐	😣	😣						
	SDHT09T308-G88	H	4	0,8																☺	😐				
	SDMT09T308-D57	M	4	0,8		☺	😐	😐	😣	😐	😐		😣		😐	😐	😐	😣	😣			😐	😐		😣
	SDMT09T308-F57	M	4	0,8		☺	😐	😐	😣	😐	😐	😣	😣	☺			😐	😣	😣			😐	😐	😣	😣
	SDMT09T312-F57	M	4	1,2			😐	😐	😣				😣					😣	😣						😣
	SDMT09T316-F57	M	4	1,6			😐	😐	😣				😣					😣	😣						😣
	SDMT09T320-F57	M	4	2			😐	😐	😣	😐	😐	😣	😣					😣	😣			😐	😐	😣	😣
	SDMW09T308-A57	M	4	0,8		😐	😣	😣									😐	😣	😣						
	SDMW09T320-A57	M	4	2			😣		😣				😣		😐	😐		😣							😣
	SDMX0904ZDR-E27	M	4	1	0,8		😐	😐	😣	😐	😐	😣	😣					😣	😣			😐	😐	😣	😣
	SDMX0904ZDR-E57	M	4	1	0,8		😐		😣	😣		😣	😣					😣				😣		😣	😣
	SDHT120408-G88	H	4	0,8																☺	😐				
	SDMT120408-D57	M	4	0,8		☺	😐	😐	😣	😐	😐		😣		😐	😐	😐	😣	😣			😐	😐		😣
	SDMT120408-F57	M	4	0,8		☺	😐	😐	😣	😐	😐	😣	😣	☺			😐	😣	😣			😐	😐	😣	😣
	SDMT120412-F57	M	4	1,2			😐	😐	😣				😣					😣	😣						😣
	SDMT120416-F57	M	4	1,6			😐	😐	😣				😣					😣	😣						😣
	SDMT120420-F57	M	4	2			😐	😐	😣				😣					😣	😣						😣
	SDMT120425-F57	M	4	2,5			😐	😐	😣	😐	😐	😣	😣					😣	😣			😐	😐	😣	😣
	SDMW120408-A57	M	4	0,8		😐	😣	😣									😐	😣	😣						
	SDMW120425-A57	M	4	2,5			😣		😣				😣		😐	😐		😣							😣
	SDMX1205ZDR-E27	M	4	2	1,2		😐	😐	😣	😐	😐	😣	😣					😣	😣			😐	😐	😣	😣
	SDMX1205ZDR-E57	M	4	2	1,2		😐		😣	😣		😣	😣					😣				😣		😣	😣
	SDMT06T2ZDR-D57	M	4	0,4	1,2		😐	😐	😣				😣					😣	😣						😣
	SDMT09T3ZDR-D57	M	4	0,8	1,2		😐	😐	😣				😣					😣	😣						😣
	SDMT1204ZDR-D57	M	4	0,8	1,8		😐	😐	😣				😣					😣	😣						😣

For SD..120425 indexable inserts, the circumference of the body must be reworked.
$R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide
HW = Uncoated carbide

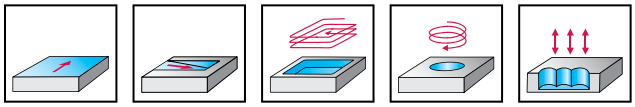
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😣

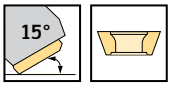
☺ 😐 😣 / ★ = New addition to the product range

High-feed milling cutter

M4002 mm

– 4 cutting edges per indexable insert

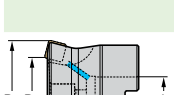




	P	M	K	N	S	H	O
M4002	●●	●●	●●	●●	●●	●	

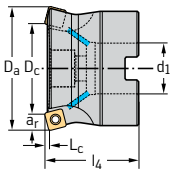
Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
M4002-040-B16-05-01	28,4	40	16	40		1	6	5	0,22	5	SD .. 06T2 .. SDM . 06T2ZDR
M4002-042-B16-04-01,5	25,3	42	16	40		1,5	8	4	0,2	4	SD .. 09T3 .. SDMX0904ZDR
M4002-050-B22-04-02	27,2	50	22	40		2	11	4	0,29	4	SD .. 1204 .. SDMX1205ZDR
M4002-050-B22-05-01,5	33,3	50	22	40		1,5	8	5	0,29	5	SD .. 09T3 .. SDMX0904ZDR
M4002-050-B22-05-02	27,2	50	22	40		2	11	5	0,29	5	SD .. 1204 .. SDMX1205ZDR
M4002-052-B22-04-01,5	35,3	52	22	40		1,5	8	4	0,37	4	SD .. 09T3 .. SDMX0904ZDR
M4002-052-B22-04-02	29,2	52	22	40		2	11	4	0,32	4	SD .. 1204 .. SDMX1205ZDR
M4002-052-B22-05-01,5	35,3	52	22	40		1,5	8	5	0,34	5	SD .. 09T3 .. SDMX0904ZDR
M4002-052-B22-05-02	29,2	52	22	40		2	11	5	0,35	5	SD .. 1204 .. SDMX1205ZDR
M4002-052-B22-06-01	40,4	52	22	40		1	6	6	0,41	6	SD .. 06T2 .. SDM . 06T2ZDR
M4002-063-B22-05-02	40,2	63	22	40		2	11	5	0,4	5	SD .. 1204 .. SDMX1205ZDR
M4002-063-B22-06-01,5	46,3	63	22	50		1,5	8	6	0,51	6	SD .. 09T3 .. SDMX0904ZDR
M4002-063-B22-06-02	40,2	63	22	40		2	11	6	0,4	6	SD .. 1204 .. SDMX1205ZDR
M4002-066-B27-04-02	43,2	66	27	50		2	11	4	0,79	4	



Shell mill mount DIN 138 transverse keyway

M4002-066-B27-05-01,5	49,3	66	27	50		1,5	8	5	0,8	5	SD .. 09T3 .. SDMX0904ZDR
M4002-066-B27-05-02	43,2	66	27	50		2	11	5	0,57	5	SD .. 1204 .. SDMX1205ZDR
M4002-066-B27-06-01,5	49,3	66	27	50		1,5	8	6	0,79	6	SD .. 09T3 .. SDMX0904ZDR
M4002-066-B27-06-02	43,2	66	27	50		2	11	6	0,53	6	SD .. 1204 .. SDMX1205ZDR
M4002-080-B27-06-02	57,2	80	27	50		2	11	6	0,96	6	
M4002-080-B27-08-02	57,2	80	27	50		2	11	8	0,98	8	
M4002-085-B27-05-02	62,2	85	27	50		2	11	5	1,5	5	
M4002-085-B27-06-02	62,2	85	27	50		2	11	6	1,41	6	
M4002-085-B27-08-02	62,2	85	27	50		2	11	8	1,53	8	
M4002-100-B32-07-02	77,2	100	32	60		2	11	7	2,01	7	
M4002-100-B32-09-02	77,2	100	32	60		2	11	9	2	9	
M4002-125-B40-08-02	102,2	125	40	60		2	11	8	3,02	8	



Shell mill mount DIN 138 transverse keyway

*Measured using SDM.06T204, SDM.09T308, SDM.120408 | Bodies and assembly parts are included in the scope of delivery

D2

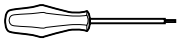
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Torque screwdriver, analogue	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	SDHT06T204-G88	H	4	0,4																☺	😐				
	SDMT06T204-D57	M	4	0,4		☺	😐	😐	😵	😐	😐		😵		😐	😐	😐	😵	😵			😐	😐		😵
	SDMT06T204-F57	M	4	0,4		☺	😐	😐	😵	😐	😐	😵	😵	☺			😐	😵	😵			😐	😐	😵	😵
	SDMT06T208-F57	M	4	0,8			😐	😐	😵				😵					😵	😵						😵
	SDMT06T212-F57	M	4	1,2			😐	😐	😵	😐	😐	😵	😵					😵	😵			😐	😐	😵	😵
	SDMW06T204-A57	M	4	0,4		😐	😵	😵									😐	😵	😵						
	SDHT09T308-G88	H	4	0,8																☺	😐				
	SDMT09T308-D57	M	4	0,8		☺	😐	😐	😵	😐	😐		😵		😐	😐	😐	😵	😵			😐	😐		😵
	SDMT09T308-F57	M	4	0,8		☺	😐	😐	😵	😐	😐	😵	😵	☺			😐	😵	😵			😐	😐	😵	😵
	SDMT09T312-F57	M	4	1,2			😐	😐	😵				😵					😵	😵						😵
	SDMT09T316-F57	M	4	1,6			😐	😐	😵				😵					😵	😵						😵
	SDMT09T320-F57	M	4	2			😐	😐	😵	😐	😐	😵	😵					😵	😵			😐	😐	😵	😵
	SDMW09T308-A57	M	4	0,8		😐	😵	😵									😐	😵	😵						
	SDMW09T320-A57	M	4	2			😵		😵				😵		😐	😐		😵							😵
	SDMX0904ZDR-E27	M	4	1	0,8		😐	😐	😵	😐	😐	😵	😵					😵	😵			😐	😐	😵	😵
	SDMX0904ZDR-E57	M	4	1	0,8		😐		😵	😵		😵	😵					😵				😵		😵	😵
	SDHT120408-G88	H	4	0,8																☺	😐				
	SDMT120408-D57	M	4	0,8		☺	😐	😐	😵	😐	😐		😵		😐	😐	😐	😵	😵			😐	😐		😵
	SDMT120408-F57	M	4	0,8		☺	😐	😐	😵	😐	😐	😵	😵	☺			😐	😵	😵			😐	😐	😵	😵
	SDMT120412-F57	M	4	1,2			😐	😐	😵				😵					😵	😵						😵
	SDMT120416-F57	M	4	1,6			😐	😐	😵				😵					😵	😵						😵
	SDMT120420-F57	M	4	2			😐	😐	😵				😵					😵	😵						😵
	SDMT120425-F57	M	4	2,5			😐	😐	😵	😐	😐	😵	😵					😵	😵			😐	😐	😵	😵
	SDMW120408-A57	M	4	0,8		😐	😵	😵									😐	😵	😵						
	SDMW120425-A57	M	4	2,5			😵		😵				😵		😐	😐		😵							😵
	SDMX1205ZDR-E27	M	4	2	1,2		😐	😐	😵	😐	😐	😵	😵					😵	😵			😐	😐	😵	😵
	SDMX1205ZDR-E57	M	4	2	1,2		😐		😵	😵		😵	😵					😵				😵		😵	😵
	SDMT06T2ZDR-D57	M	4	0,4	1,2		😐	😐	😵				😵					😵	😵						😵
	SDMT09T3ZDR-D57	M	4	0,8	1,2		😐	😐	😵				😵					😵	😵						😵
	SDMT1204ZDR-D57	M	4	0,8	1,8		😐	😐	😵				😵					😵	😵						😵

For SD..120425 indexable inserts, the circumference of the body must be reworked.
$R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide
HW = Uncoated carbide

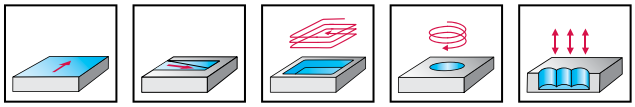
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😵

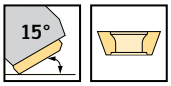
☺ 😐 😵 / ★ = New addition to the product range

High-Feed-Fräser

F2330 mm

– f_z up to 3.5 mm
– 3 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2330	●●	●●	●●		●●		

Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
ScrewFit											
F2330.T18.020.Z02.01	10	20	T18	30		1	8	2	0,05	2	P2633 . R10 P26379-R10
F2330.T22.025.Z03.01	15	25	T22	35		1	8	3	0,12	3	
F2330.T28.032.Z03.01,5	18	32	T28	40		1,5	11	3	0,2	3	P2633 . R14 P26379-R14
F2330.T28.035.Z03.01,5	21	35	T28	40		1,5	11	3	0,21	3	
F2330.T36.040.Z03.01,5	26	40	T36	40		1,5	11	3	0,37	3	
F2330.T36.042.Z03.01,5	28	42	T36	40		1,5	11	3	0,38	3	
Cylindrical shank											
F2330.Z20.020.Z02.01	10	20	20	30	200	1	8	2	0,49	2	P2633 . R10 P26379-R10
F2330.Z25.025.Z03.01	15	25	25	35	200	1	8	3	0,76	3	
F2330.Z32.032.Z03.01,5	18	32	32	40	250	1,5	11	3	1,48	3	P2633 . R14 P26379-R14
Shell mill mount DIN 138 transverse keyway											
F2330.B.052.Z03.02	32	52	22	40		2	16	3	0,36	3	P2633 . R25 P26379-R25
F2330.B.052.Z05.01,5	38	52	22	40		1,5	11	5	0,41	5	P2633 . R14 P26379-R14
F2330.B.066.Z04.02	46	66	27	50		2	16	4	0,72	4	P2633 . R25 P26379-R25
F2330.B.066.Z06.01,5	52	66	27	50		1,5	11	6	0,78	6	P2633 . R14 P26379-R14
F2330.B.085.Z05.02	65	85	27	50		2	16	5	1,01	5	P2633 . R25 P26379-R25
F2330.B.085.Z07.01,5	71	85	27	50		1,5	11	7	1,06	7	P2633 . R14 P26379-R14
F2330.B22.050.Z04.01,5	30	50	22	40		1,5	11	4	0,36	4	
F2330.B22.063.Z05.01,5	49	63	22	50		1,5	11	5	0,69	5	

The actual cutting edge diameter is 51.3 mm where D_a = 52 mm, 65.3 mm where D_a = 66 and 84.3 mm where D_a = 85 | *Da measured using P26325-R25 master insert with 0.8 mm radius | Bodies and assembly parts are included in the scope of delivery

D2

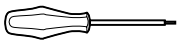
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	P2633 . R10	P2633 . R14	P2633 . R25
	Clamping screw for indexable insert Tightening torque	FS923 (T8) 0,8 Nm	FS359 (T15) 2,5 Nm	FS1030 (T20) 5 Nm

Accessories

	Type	P2633 . R10	P2633 . R14	P2633 . R25
	Screwdriver for indexable insert	FS230 (T8)	FS229 (T15)	FS228 (T20)
	Torque T-handle			FS2041
	Torque screwdriver, analogue	FS2001	FS2003	
	Torque screwdriver, digital	FS2248	FS2248	
	Interchangeable blade	FS2007 (T8)	FS2009 (T15)	FS2044 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSP45G
	P26335R10	M	3	0,8	☹	☹	☹	😐	😐	☹	☹	☹	😐	😐	☹
	P26337R10	M	3	0,8	☹	☹	☹			☹	☹	☹			☹
	P26339R10	M	3	0,8	☹	☹	☹	😐	😐	☹	☹	☹	😐	😐	☹
	P26379-R10	M	3	0,8			☹			☹					☹
	P26335R14	M	3	1,2	☹	☹	☹	😐	😐	☹	☹	☹	😐	😐	☹
	P26337R14	M	3	1,2	☹	☹	☹			☹	☹	☹			☹
	P26339R14	M	3	1,2	☹	☹	☹	😐	😐	☹	☹	☹	😐	😐	☹
	P26379-R14	M	3	1,2	☹	☹	☹			☹	☹	☹			☹
	P26335R25	M	3	2	☹	☹	☹	😐	😐	☹	☹	☹	😐	😐	☹
	P26337R25	M	3	2	☹	☹					☹	☹			
	P26339R25	M	3	2	☹	☹	☹	😐	😐	☹	☹	☹	😐	😐	☹
	P26379-R25	M	3	2	☹	☹	☹			☹	☹	☹			☹

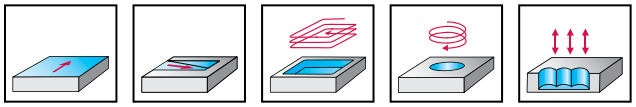
HC = beschichtetes Hartmetall

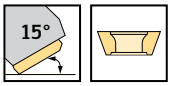
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

High-Feed-Fräser
F2330 inch

– f_z up to 3.5 mm
– 3 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2330	●●	●●	●●		●●		

Tool

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	a_r inch	Z	lbs	No. of inserts	Type
ScrewFit											
F2330.UT18.019.Z02.01	0,356	0,750	T18	1,181		0,039	0,311	2	0,181	2	P2633 . R10 P26379-R10
F2330.UT22.026.Z03.01	0,606	1,000	T22	1,378		0,039	0,311	3	0,276	3	
F2330.UT28.031.Z03.01.5	0,699	1,250	T28	1,575		0,059	0,437	3	0,483	3	P2633 . R14 P26379-R14
F2330.UT36.038.Z03.01.5	0,949	1,500	T36	1,575		0,059	0,437	3	0,809	3	
DIN 1835 B											
F2330.UW15.019.Z02.01	0,356	0,750	0,625	1,840	3,750	0,039	0,311	2	0,353	2	P2633 . R10 P26379-R10
F2330.UW19.026.Z03.01	0,606	1,000	0,750	2,087	4,130	0,039	0,311	3	0,522	3	
F2330.UW26.031.Z03.01,5	0,699	1,250	1,000	2,087	4,380	0,059	0,437	3	0,908	3	P2633 . R14 P26379-R14
F2330.UW31.038.Z03.01,5	0,949	1,500	1,250	2,087	4,380	0,059	0,437	3	0,750	3	
Cylindrical shank											
F2330.UZ15.019.Z02.01	0,356	0,750	0,625	2,000	8,000	0,039	0,311	2	0,802	2	P2633 . R10 P26379-R10
F2330.UZ19.026.Z03.01	0,606	1,000	0,750	2,000	8,000	0,039	0,311	3	1,078	3	
F2330.UZ26.031.Z03.01,5	0,699	1,250	1,000	3,000	10,000	0,059	0,437	3	1,984	3	P2633 . R14 P26379-R14
F2330.UZ31.038.Z03.01,5	0,949	1,500	1,250	3,000	10,000	0,059	0,437	3	3,219	3	
Shell mill mount DIN 138 transverse keyway											
F2330.UB19.051.Z05.01,5	1,562	2,000	0,750	1,575		0,059	0,437	5	1,118	5	P2633 . R14 P26379-R14
F2330.UB19.064.Z05.01,5	2,060	2,500	0,750	1,575		0,059	0,437	6	2,172	6	
F2330.UB26.064.Z04.02	2,060	2,500	1,000	1,969		0,079	0,634	4	1,587	4	P2633 . R25 P26379-R25
F2330.UB26.076.Z05.02	2,060	3,000	1,000	1,969		0,079	0,634	5	2,615	5	
F2330.UB26.076.Z06.01,5	2,060	3,000	1,000	1,969		0,059	0,437	6	2,681	6	P2633 . R14 P26379-R14
F2330.UB38.102.Z06.02	3,213	4,000	1,500	2,48		0,079	0,634	6	5,600	6	P2633 . R25 P26379-R25

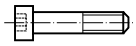
Bodies and assembly parts are included in the scope of delivery

D2

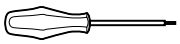
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	P2633 . R10	P2633 . R14	P2633 . R25
	Clamping screw for indexable insert Tightening torque	FS923 (T8) 0,59 lbs	FS359 (T15) 1,844 lbs	FS1030 (T20) 3,688 lbs
	Clamping screw for arbour-mounted tools		FS1523	FS1519

Accessories

	Type	P2633 . R10	P2633 . R14	P2633 . R25
	Screwdriver for indexable insert	FS230 (T8)	FS229 (T15)	FS228 (T20)
	Torque T-handle			FS2042
	Torque screwdriver, analogue	FS2002	FS2004	
	Torque screwdriver, digital	FS2248	FS2248	
	Interchangeable blade	FS2007 (T8)	FS2009 (T15)	FS2044 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	P			M			K		S		
						HC			HC			HC		HC	
					WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G
	P26335R10	M	3	0,031	☹	☹	☹	😐	😐	☹	☹	☹	😐	😐	☹
	P26337R10	M	3	0,031	☹	☹	☹			☹	☹	☹			☹
	P26339R10	M	3	0,031	☹	☹	☹	😐	😐	☹	☹	☹	😐	😐	☹
	P26379-R10	M	3	0,031			☹			☹					☹
	P26335R14	M	3	0,047	☹	☹	☹	😐	😐	☹	☹	☹	😐	😐	☹
	P26337R14	M	3	0,047	☹	☹	☹			☹	☹	☹			☹
	P26339R14	M	3	0,047	☹	☹	☹	😐	😐	☹	☹	☹	😐	😐	☹
	P26379-R14	M	3	0,047	☹	☹	☹			☹	☹	☹			☹
	P26335R25	M	3	0,079	☹	☹	☹	😐	😐	☹	☹	☹	😐	😐	☹
	P26337R25	M	3	0,079	☹	☹					☹	☹			
	P26339R25	M	3	0,079	☹	☹	☹	😐	😐	☹	☹	☹	😐	😐	☹
	P26379-R25	M	3	0,079	☹	☹	☹			☹	☹	☹			☹

HC = beschichtetes Hartmetall

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

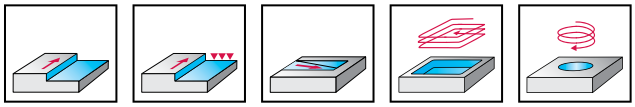
Shoulder milling cutters

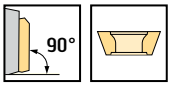
M5130 mm

AC .. 0602 .. R

Xtra·tec® XT

– 2 cutting edges per indexable insert

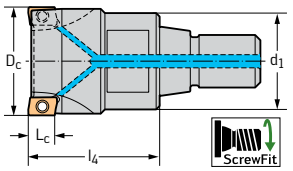




	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

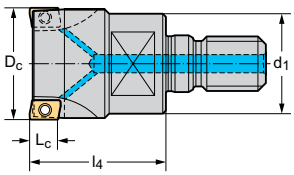
Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-010-T09-02-05	10	T09	20		5	2	0,02	2	AC .. 0602 .. R
M5130-012-T09-03-05	12	T09	20		5	3	0,02	3	
M5130-016-T14-03-05	16	T14	25		5	3	0,04	3	
M5130-016-T14-04-05	16	T14	25		5	4	0,03	4	
M5130-020-T18-04-05	20	T18	25		5	4	0,05	4	
M5130-020-T18-05-05	20	T18	25		5	5	0,05	5	
M5130-025-T22-05-05	25	T22	30		5	5	0,1	5	
M5130-025-T22-07-05	25	T22	30		5	7	0,1	7	
M5130-032-T28-06-05	32	T28	35		5	6	0,19	6	
M5130-032-T28-08-05	32	T28	35		5	8	0,2	8	
M5130-040-T36-07-05	40	T36	35		5	7	0,34	7	
M5130-040-T36-10-05	40	T36	35		5	10	0,35	10	



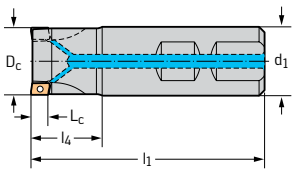
ScrewFit

M5130-010-TC06-02-05	10	M6	20		5	2	0,01	2	AC .. 0602 .. R
M5130-012-TC06-03-05	12	M6	20		5	3	0,01	3	
M5130-016-TC08-03-05	16	M8	25		5	3	0,03	3	
M5130-016-TC08-04-05	16	M8	25		5	4	0,03	4	
M5130-020-TC10-04-05	20	M10	25		5	4	0,05	4	
M5130-020-TC10-05-05	20	M10	25		5	5	0,05	5	
M5130-025-TC12-05-05	25	M12	30		5	5	0,1	5	
M5130-025-TC12-07-05	25	M12	30		5	7	0,1	7	
M5130-032-TC16-06-05	32	M16	35		5	6	0,19	6	
M5130-032-TC16-08-05	32	M16	35		5	8	0,2	8	
M5130-040-TC16-07-05	40	M16	35		5	7	0,24	7	
M5130-040-TC16-10-05	40	M16	35		5	10	0,27	10	



Cylindrical modular

M5130-010-W10-02-05	10	10	16	60	5	2	0,03	2	AC .. 0602 .. R
M5130-010-W16-02-05	10	16	30	80	5	2	0,09	2	
M5130-012-W12-03-05	12	12	19	65	5	3	0,05	3	
M5130-012-W16-03-05	12	16	30	80	5	3	0,09	3	
M5130-016-W16-03-05	16	16	21	70	5	3	0,09	3	
M5130-016-W16-04-05	16	16	21	70	5	4	0,11	4	
M5130-020-W20-04-05	20	20	24	75	5	4	0,16	4	
M5130-020-W20-05-05	20	20	24	75	5	5	0,16	5	
M5130-025-W25-05-05	25	25	26	85	5	5	0,29	5	
M5130-025-W25-07-05	25	25	26	85	5	7	0,29	7	



DIN 1835 B

Bodies and assembly parts are included in the scope of delivery

D 2

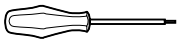
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

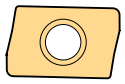
Assembly parts

	D_c [mm]	10–63
	Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0,5 Nm

Accessories

	D_c [mm]	10–63
	Torque screwdriver, analogue	FS2001
	Interchangeable blade	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G
	ACGT060204R-G65	G	2	0,4	0,9	☺	😐	😐	☹	😐	😐	☹				😐	☹	☹			😐	😐	☹
	ACGT060204R-M85	G	2	0,4	0,9														☺	😐			
	ACMT060202R-G55	M	2	0,2	1		😐	😐	☹			☹					😐	😐					☹
	ACMT060204R-G55	M	2	0,4	0,9	☺	😐	😐	☹	😐	😐	☹	☺	😐	😐	😐	😐	😐			😐	😐	☹
	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 = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

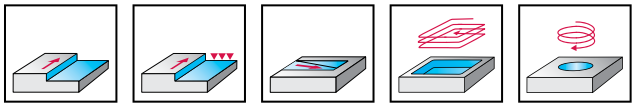
Shoulder milling cutters

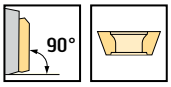
M5130 mm

AC .. 0602 .. R

Xtra·tec® XT

– 2 cutting edges per indexable insert

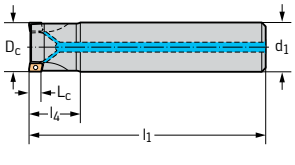




	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

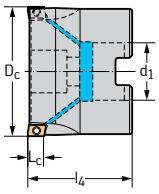
Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-010-A10-02-05	10	10	16	60	5	2	0,04	2	AC .. 0602 .. R
M5130-010-A16-02-05	10	16	30	80	5	2	0,1	2	
M5130-012-A12-03-05	12	12	19	70	5	3	0,05	3	
M5130-012-A16-03-05	12	16	30	80	5	3	0,09	3	
M5130-014-A16-03-05	14	16	30	80	5	3	0,06	3	
M5130-016-A16-03-05	16	16	21	90	5	3	0,12	3	
M5130-016-A16-04-05	16	16	21	90	5	4	0,13	4	
M5130-018-A16-03-05	18	16	21	90	5	3	0,13	3	
M5130-020-A20-04-05	20	20	24	110	5	4	0,24	4	
M5130-020-A20-05-05	20	20	24	110	5	5	0,24	5	
M5130-022-A20-04-05	22	20	24	110	5	4	0,25	4	
M5130-025-A25-05-05	25	25	26	120	5	5	0,42	5	
M5130-025-A25-07-05	25	25	26	120	5	7	0,42	7	



Cylindrical shank

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-032-B16-06-05	32	16	40		5	6	0,14	6	AC .. 0602 .. R
M5130-032-B16-08-05	32	16	40		5	8	0,14	8	
M5130-040-B16-07-05	40	16	40		5	7	0,27	7	
M5130-040-B16-10-05	40	16	40		5	10	0,27	10	
M5130-050-B22-09-05	50	22	40		5	9	0,42	9	
M5130-050-B22-12-05	50	22	40		5	12	0,42	12	
M5130-063-B22-11-05	63	22	40		5	11	0,54	11	
M5130-063-B22-14-05	63	22	40		5	14	0,54	14	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D2

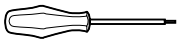
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

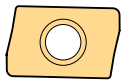
Assembly parts

	D_c [mm]	10–63
	Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0,5 Nm

Accessories

	D_c [mm]	10–63
	Torque screwdriver, analogue	FS2001
	Interchangeable blade	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G
	ACGT060204R-G65	G	2	0,4	0,9	☺	😐	😐	☹	😐	😐	☹				😐	☹	☹			😐	😐	☹
	ACGT060204R-M85	G	2	0,4	0,9														☺	😐			
	ACMT060202R-G55	M	2	0,2	1		😐	😐	☹			☹					😐	😐					☹
	ACMT060204R-G55	M	2	0,4	0,9	☺	😐	😐	☹	😐	😐	☹	☺	😐	😐	😐	😐	😐			😐	😐	☹
	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 = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

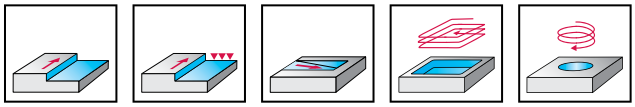
Shoulder milling cutters

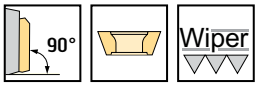
M5130 mm

BC .. 0903 .. R

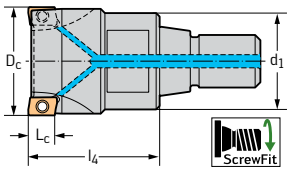
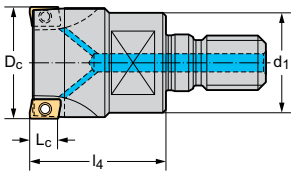
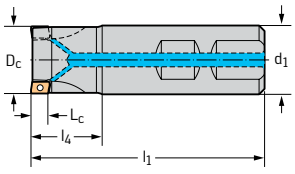
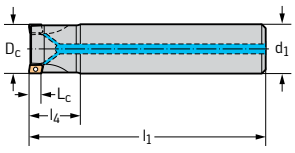
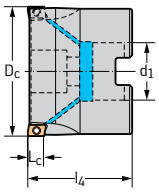
Xtra·tec® XT

– 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	T14	25		9	2	0,03	2	BC .. 0903 .. R
	M5130-020-T18-02-09	20	T18	30		9	2	0,05	2	
	M5130-020-T18-03-09	20	T18	30		9	3	0,05	3	
	M5130-025-T22-03-09	25	T22	35		9	3	0,09	3	
	M5130-025-T22-04-09	25	T22	35		9	4	0,09	4	
	M5130-032-T28-04-09	32	T28	40		9	4	0,18	4	
	M5130-032-T28-05-09	32	T28	40		9	5	0,19	5	
 Cylindrical modular	M5130-016-TC08-02-09	16	M8	25		9	2	0,03	2	BC .. 0903 .. R
	M5130-020-TC10-02-09	20	M10	30		9	2	0,05	2	
	M5130-020-TC10-03-09	20	M10	30		9	3	0,05	3	
	M5130-025-TC12-03-09	25	M12	35		9	3	0,1	3	
	M5130-025-TC12-04-09	25	M12	35		9	4	0,09	4	
	M5130-032-TC16-04-09	32	M16	40		9	4	0,17	4	
	M5130-032-TC16-05-09	32	M16	40		9	5	0,18	5	
 DIN 1835 B	M5130-016-W16-02-09	16	16	41	90	9	2	0,12	2	BC .. 0903 .. R
	M5130-020-W20-03-09	20	20	39	90	9	3	0,18	3	
	M5130-025-W25-04-09	25	25	43	100	9	4	0,31	4	
	M5130-032-W32-05-09	32	32	49	110	9	5	0,57	5	
 Cylindrical shank	M5130-016-A16-02-09	16	16	41	180	9	2	0,25	2	BC .. 0903 .. R
	M5130-018-A16-02-09	18	16	41	180	9	2	0,26	2	
	M5130-020-A20-02-09	20	20	39	200	9	2	0,44	2	
	M5130-020-A20-03-09	20	20	39	200	9	3	0,44	3	
	M5130-022-A20-03-09	22	20	39	200	9	3	0,44	3	
	M5130-025-A25-03-09	25	25	43	200	9	3	0,68	3	
	M5130-025-A25-04-09	25	25	43	200	9	4	0,68	4	
 Shell mill mount DIN 138 transverse keyway	M5130-032-B16-03-09	32	16	40		9	3	0,12	3	BC .. 0903 .. R
	M5130-032-B16-06-09	32	16	40		9	6	0,12	6	
	M5130-040-B16-04-09	40	16	40		9	4	0,19	4	
	M5130-040-B16-07-09	40	16	40		9	7	0,21	7	
	M5130-050-B22-05-09	50	22	40		9	5	0,32	5	
	M5130-050-B22-08-09	50	22	40		9	8	0,34	8	
	M5130-063-B22-07-09	63	22	40		9	7	0,5	7	

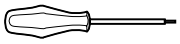
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

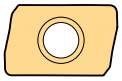
Assembly parts

	D_c [mm]	16–63
	Clamping screw for indexable insert Tightening torque	FS2576 (T8IP) 1,2 Nm

Accessories

	D_c [mm]	16–63
	Torque screwdriver, analogue	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	BCGT090304R-B85	G	1																											
	BCGT090304R-G55	G	2		☺	☺	☺	☺		☺	☺		☺		☺				☺	☺	☺					☺	☺		☺	
	BCGT090304R-K85	G	2																					☺	☺					
	BCMT090302R-G55	M	2			☺	☺	☺					☺							☺	☺								☺	
	BCMT090304R-G55	M	2		☺	☺	☺	☺		☺	☺	☺	☺		☺			☺	☺	☺	☺					☺	☺	☺	☺	
	BCMT090308R-G55	M	2			☺	☺	☺				☺	☺							☺	☺							☺	☺	
	BCMT090312R-G55	M	2			☺	☺	☺					☺							☺	☺								☺	
	BCMT090316R-G55	M	2			☺	☺	☺				☺	☺							☺	☺							☺	☺	
	BCMT090320R-G55	M	2			☺	☺	☺				☺	☺							☺	☺							☺	☺	
	BCMT090304R-F55	M	2		☺	☺	☺					☺			☺		☺	☺	☺	☺	☺							☺		
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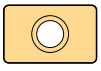
	BCGX0903PDR-G55	G	2	☺					☺					☺	☺	☺						☺								☺

If the corner radius (r) is greater than 1.6 mm, the corner area of the insert seat in 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

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

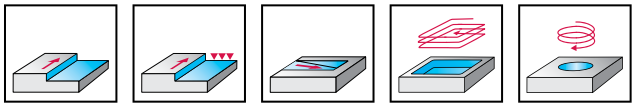
Shoulder milling cutters

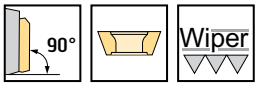
M5130 mm

BC .. 0903 .. R

Xtra·tec® XT

– 2 cutting edges per indexable insert

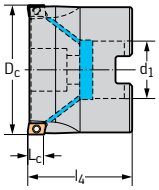




	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-063-B22-11-09	63	22	40		9	11	0,51	11	BC .. 0903 .. R



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D2

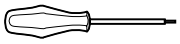
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

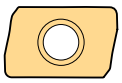
Assembly parts

	D_c [mm]	16–63
	Clamping screw for indexable insert Tightening torque	FS2576 (T8IP) 1,2 Nm

Accessories

	D_c [mm]	16–63
	Torque screwdriver, analogue	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	BCGT090304R-B85	G	1																											
	BCGT090304R-G55	G	2		☺	☺	☺	☺		☺	☺		☺		☺				☺	☺	☺					☺	☺		☺	
	BCGT090304R-K85	G	2																					☺	☺					
	BCMT090302R-G55	M	2			☺	☺	☹					☹							☺	☺								☹	
	BCMT090304R-G55	M	2		☺	☺	☺	☹		☺	☺	☹	☹		☺			☺	☺	☺	☺					☺	☺	☹	☹	
	BCMT090308R-G55	M	2			☺	☺	☹				☹	☹							☺	☺							☹	☹	
	BCMT090312R-G55	M	2			☺	☺	☹					☹							☺	☺								☹	
	BCMT090316R-G55	M	2			☺	☺	☹				☹	☹							☺	☺							☹	☹	
	BCMT090320R-G55	M	2			☺	☺	☹				☹	☹							☺	☺							☹	☹	
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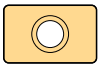
	BCGX0903PDR-G55	G	2	☺					☺					☺	☺	☺						☺								☺

If the corner radius (r) is greater than 1.6 mm, the corner area of the insert seat in 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

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

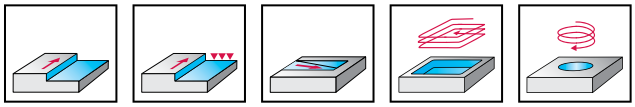
Shoulder milling cutters

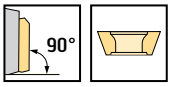
M5130 mm

BC .. 1204 .. R

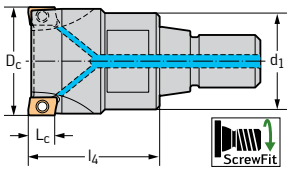
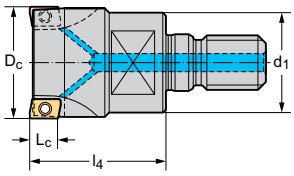
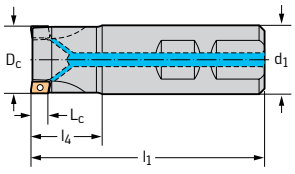
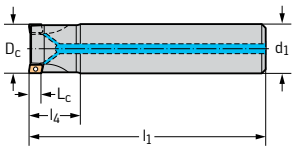
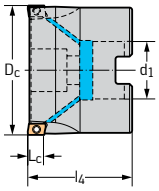
Xtra·tec® XT

– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	M5130-025-T22-03-12	25	T22	35		12	3	0,09	3	BC .. 1204 .. R
	M5130-032-T28-03-12	32	T28	40		12	3	0,17	3	
	M5130-032-T28-04-12	32	T28	40		12	4	0,18	4	
	M5130-040-T36-03-12	40	T36	40		12	3	0,31	3	
	M5130-040-T36-06-12	40	T36	40		12	6	0,32	6	
 Cylindrical modular	M5130-025-TC12-03-12	25	M12	35		12	3	0,08	3	BC .. 1204 .. R
	M5130-032-TC16-03-12	32	M16	40		12	3	0,16	3	
	M5130-032-TC16-04-12	32	M16	40		12	4	0,17	4	
	M5130-040-TC16-03-12	40	M16	40		12	3	0,21	3	
	M5130-040-TC16-06-12	40	M16	40		12	6	0,22	6	
 DIN 1835 B	M5130-025-W25-03-12	25	25	43	100	12	3	0,3	3	BC .. 1204 .. R
	M5130-032-W32-03-12	32	32	49	110	12	3	0,53	3	
	M5130-032-W32-04-12	32	32	49	110	12	4	0,54	4	
	M5130-040-W32-06-12	40	32	49	110	12	6	0,65	6	
 Cylindrical shank	M5130-022-A20-02-12	22	20	38	200	12	2	0,45	2	BC .. 1204 .. R
	M5130-025-A25-02-12	25	25	38	200	12	2	0,69	2	
	M5130-025-A25-03-12	25	25	38	200	12	3	0,68	3	
	M5130-032-A32-03-12	32	32	39	250	12	3	1,4	3	
	M5130-032-A32-04-12	32	32	39	250	12	4	1,42	4	
	M5130-040-A32-05-12	40	32	44	250	12	5	1,51	5	
	M5130-040-A40-04-12	40	40	44	250	12	4	2,25	4	
 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-B16-06-12	40	16	40		12	6	0,19	6	
	M5130-050-B22-03-12	50	22	40		12	3	0,32	3	
	M5130-050-B22-04-12	50	22	40		12	4	0,29	4	
	M5130-050-B22-07-12	50	22	40		12	7	0,31	7	
	M5130-063-B22-04-12	63	22	40		12	4	0,45	4	

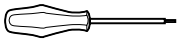
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

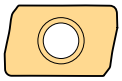
Assembly parts

	D_c [mm]	22–80
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm

Accessories

	D_c [mm]	22–80
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	BCGT120408R-B85	G	1															😐						
	BCGT120408R-G55	G	2	😊	😐	😐	☹	😐	😐		☹	😊			😐	😐	😐				😐	😐		☹
	BCHT120404R-K85	H	2																😊	😐				
	BCHT120408R-K85	H	2																😊	😐				
	BCHT120412R-K85	H	2																😊	😐				
	BCHT120416R-K85	H	2																😊	😐				
	BCHT120420R-K85	H	2																😊	😐				
	BCHT120425R-K85	H	2																😊	😐				
	BCHT120430R-K85	H	2																😊	😐				
	BCHT120440R-K85	H	2																😊	😐				
	BCMT120404R-G55	M	2		😐	😐	☹				☹					☹	☹							☹
	BCMT120408R-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 = ☹

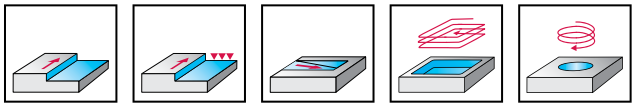
Shoulder milling cutters

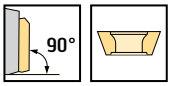
M5130 mm

BC .. 1204 .. R

Xtra·tec® XT

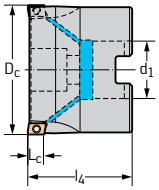
– 2 cutting edges per indexable insert





	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
M5130-063-B22-05-12	63	22	40		12	5	0,47	5	BC .. 1204 .. R
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-B27-08-12	63	27	50		12	8	0,71	8	
M5130-080-B27-05-12	80	27	50		12	5	0,91	5	
M5130-080-B27-06-12	80	27	50		12	6	0,94	6	
M5130-080-B27-09-12	80	27	50		12	9	1	9	

Bodies and assembly parts are included in the scope of delivery

D2

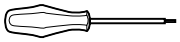
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

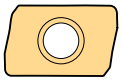
Assembly parts

	D_c [mm]	22–80
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm

Accessories

	D_c [mm]	22–80
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	BCGT120408R-B85	G	1															😐						
	BCGT120408R-G55	G	2	😊	😐	😐	☹	😐	😐		☹	😊			😐	😐	😐				😐	😐		☹
	BCHT120404R-K85	H	2																😊	😐				
	BCHT120408R-K85	H	2																😊	😐				
	BCHT120412R-K85	H	2																😊	😐				
	BCHT120416R-K85	H	2																😊	😐				
	BCHT120420R-K85	H	2																😊	😐				
	BCHT120425R-K85	H	2																😊	😐				
	BCHT120430R-K85	H	2																😊	😐				
	BCHT120440R-K85	H	2																😊	😐				
	BCMT120404R-G55	M	2		😐	😐	☹				☹					☹	☹							☹
	BCMT120408R-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 = ☹

😊 😐 ☹ / ★ = New addition to the product range

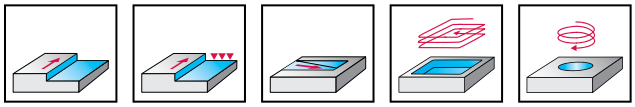
Shoulder milling cutters

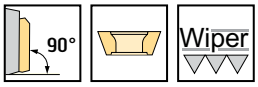
M5130 mm

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	T28	40		15	3	0,16	3	BC .. 1605 .. R
M5130-040-T36-03-15	40	T36	40		15	3	0,31	3	
M5130-040-T36-04-15	40	T36	40		15	4	0,31	4	
M5130-050-T45-03-15	50	T45	40		15	3	0,45	3	
M5130-050-T45-06-15	50	T45	40		15	6	0,45	6	
Cylindrical modular									
M5130-032-TC16-03-15	32	M16	40		15	3	0,15	3	BC .. 1605 .. R
M5130-040-TC16-03-15	40	M16	40		15	3	0,21	3	
M5130-040-TC16-04-15	40	M16	40		15	4	0,2	4	
DIN 1835 B									
M5130-025-W25-02-15	25	25	43	100	15	2	0,3	2	BC .. 1605 .. R
M5130-032-W32-03-15	32	32	49	110	15	3	0,57	3	
Cylindrical shank									
M5130-025-A25-02-15	25	25	38	200	15	2	0,68	2	BC .. 1605 .. R
M5130-028-A25-02-15	28	25	38	200	15	2	0,7	2	
M5130-032-A32-03-15	32	32	39	250	15	3	1,43	3	
M5130-035-A32-03-15	35	32	39	250	15	3	1,46	3	
Shell mill mount DIN 138 transverse keyway									
M5130-040-B16-03-15	40	16	40		15	3	0,15	3	BC .. 1605 .. R
M5130-040-B16-04-15	40	16	40		15	4	0,14	4	
M5130-042-B16-03-15	42	16	40		15	3	0,17	3	
M5130-050-B22-03-15	50	22	40		15	3	0,31	3	
M5130-050-B22-06-15	50	22	40		15	6	0,44	6	
M5130-054-B22-03-15	54	22	40		15	3	0,34	3	
M5130-063-B22-04-15	63	22	40		15	4	0,43	4	
M5130-063-B22-07-15	63	22	40		15	7	0,45	7	

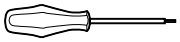
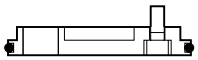
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

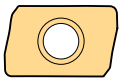
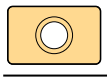
Assembly parts

	D_c [mm]	25	28–160
	Clamping screw for indexable insert Tightening torque	FS1461 (T15IP) 2,5 Nm	FS2300 (T15IP) 3,5 Nm

Accessories

	D_c [mm]	25–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	BCGT160508R-G55	G	2	0,8	2		☺	😐	😐	☹		😐	😐		☹		☺				😐	😐	😐				☺	☺		☹	
	BCHT160508R-K85	H	2	0,8	2																			☺	😐					
	BCHT160512R-K85	H	2	1,2	1,7																			☺	😐					
	BCHT160516R-K85	H	2	1,6	1,7																			☺	😐					
	BCHT160520R-K85	H	2	2	1,5																			☺	😐					
	BCHT160525R-K85	H	2	2,5	1,4																			☺	😐					
	BCHT160530R-K85	H	2	3	1,2																			☺	😐					
	BCHT160540R-K85	H	2	4	1,1																			☺	😐					
	BCMT160508R-F55	M	2	0,8	2		☺	😐	😐	☹				☹	☹		☺		😐	😐	😐	😐	😐						☹	☹	
	BCMT160508R-G55	M	2	0,8	2		☺	😐	😐	☹		😐	😐	☹	☹		☺		😐	😐	😐	😐	😐				😐	😐	☹	☹	
	BCMT160512R-G55	M	2	1,2	1,7			😐	😐	☹				☹	☹							😐	😐						☹	☹	
	BCMT160516R-G55	M	2	1,6	1,5			😐	😐	☹				☹	☹							😐	😐						☹	☹	
	BCMT160520R-G55	M	2	2	1,5			😐	😐	☹				☹	☹							😐	😐						☹	☹	
	BCMT160525R-G55	M	2	2,5	1,4			😐	😐	☹				☹	☹							😐	😐						☹	☹	
	BCMT160530R-G55	M	2	3	1,2			😐	😐	☹				☹	☹							😐	😐						☹	☹	
	BCMT160532R-G55	M	2	3,2	1,1			😐	😐	☹					☹							😐	😐							☹	
	BCMT160540R-G55	M	2	4	1,1			😐	😐	☹				☹	☹							😐	😐						☹	☹	
	BCMT160550R-G55	M	2	5	0,7			😐	😐	☹					☹							😐	😐							☹	
	BCMT160560R-G55	M	2	6	0,1			😐	😐	☹				☹	☹							😐	😐						☹	☹	
	BCMT160508R-K55	M	2	0,8	2			☺	☺	😐		☺	☺	😐	😐							😐	😐				☺	☺	😐	😐	
	BCGX1605PDR-G55	G	2	0,8	8	☺					☺					☺	☺	☺						☺							☺

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm
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

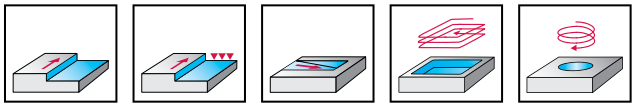
Shoulder milling cutters

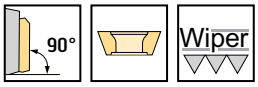
M5130 mm

BC .. 1605 .. R

Xtra·tec® XT

– 2 cutting edges per indexable insert

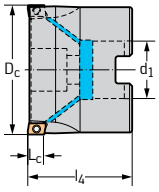




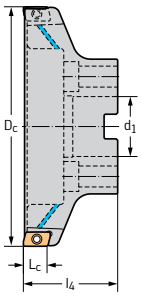
	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-063-B27-04-15	63	27	50		15	4	0,66	4	BC .. 1605 .. R
M5130-063-B27-07-15	63	27	50		15	7	0,68	7	
M5130-066-B27-04-15	66	27	50		15	4	0,72	4	
M5130-080-B27-05-15	80	27	50		15	5	0,92	5	
M5130-080-B27-08-15	80	27	50		15	8	0,97	8	
M5130-085-B27-05-15	85	27	50		15	5	1,03	5	
M5130-100-B32-05-15	100	32	50		15	5	1,55	5	
M5130-100-B32-08-15	100	32	50		15	8	1,62	8	
M5130-125-B40-07-15	125	40	63		15	7	4,06	7	
M5130-125-B40-10-15	125	40	63		15	10	2,67	10	
M5130-160-B40-08-15	160	40	63		15	8	2,88	8	BC .. 1605 .. R
M5130-160-B40-12-15	160	40	63		15	12	3,02	12	



Shell mill mount DIN 138 transverse keyway



Shell mill mount DIN 138 transverse keyway

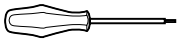
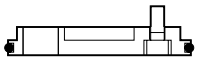
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

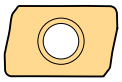
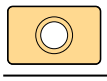
Assembly parts

	D_c [mm]	25	28–160
	Clamping screw for indexable insert Tightening torque	FS1461 (T15IP) 2,5 Nm	FS2300 (T15IP) 3,5 Nm

Accessories

	D_c [mm]	25–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	BCGT160508R-G55	G	2	0,8	2		☺	😐	😐	☹		😐	😐		☹		☺				😐	😐	😐				😐	😐		☹	
	BCHT160508R-K85	H	2	0,8	2																			☺	😐					
	BCHT160512R-K85	H	2	1,2	1,7																			☺	😐					
	BCHT160516R-K85	H	2	1,6	1,7																			☺	😐					
	BCHT160520R-K85	H	2	2	1,5																			☺	😐					
	BCHT160525R-K85	H	2	2,5	1,4																			☺	😐					
	BCHT160530R-K85	H	2	3	1,2																			☺	😐					
	BCHT160540R-K85	H	2	4	1,1																			☺	😐					
	BCMT160508R-F55	M	2	0,8	2		☺	😐	😐	☹				☹	☹		☺		😐	😐	😐	😐	😐						☹	☹	
	BCMT160508R-G55	M	2	0,8	2		☺	😐	😐	☹		😐	😐	☹	☹		☺		😐	😐	😐	😐	😐				😐	😐	☹	☹	
	BCMT160512R-G55	M	2	1,2	1,7			😐	😐	☹				☹	☹							😐	😐						☹	☹	
	BCMT160516R-G55	M	2	1,6	1,5			😐	😐	☹				☹	☹							😐	😐						☹	☹	
	BCMT160520R-G55	M	2	2	1,5			😐	😐	☹				☹	☹							😐	😐						☹	☹	
	BCMT160525R-G55	M	2	2,5	1,4			😐	😐	☹				☹	☹							😐	😐						☹	☹	
	BCMT160530R-G55	M	2	3	1,2			😐	😐	☹				☹	☹							😐	😐						☹	☹	
	BCMT160532R-G55	M	2	3,2	1,1			😐	😐	☹					☹							😐	😐							☹	
	BCMT160540R-G55	M	2	4	1,1			😐	😐	☹				☹	☹							😐	😐						☹	☹	
	BCMT160550R-G55	M	2	5	0,7			😐	😐	☹					☹							😐	😐							☹	
	BCMT160560R-G55	M	2	6	0,1			😐	😐	☹				☹	☹							😐	😐						☹	☹	
	BCMT160508R-K55	M	2	0,8	2			☺	☺	😐		☺	☺	😐	😐							😐	😐				☺	☺	😐	😐	
	BCGX1605PDR-G55	G	2	0,8	8	☺					☺					☺	☺	☺						☺							☺

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) – 1 mm
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

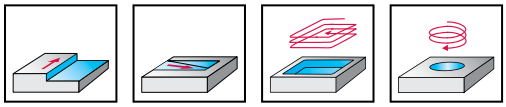
Shoulder milling cutters

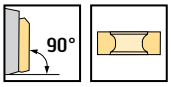
M5137 mm

TNMU11T3...

Xtra·tec® XT

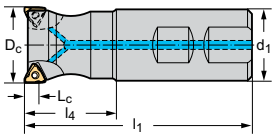
– 6 cutting edges per indexable insert





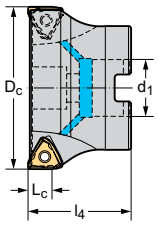
	P	M	K	N	S	H	O
M5137	●●	●	●●		●		

Tool



DIN 1835 B

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5137-025-W25-03-05	25	25	40	96	5	3	0,3	3	TNMU11T304R
M5137-032-W32-04-05	32	32	40	101	5	4	0,53	4	
M5137-032-W32-05-05	32	32	40	101	5	5	0,53	5	



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
M5137-040-B16-05-05	40	16	40		5	5	0,19	5	TNMU11T304R
M5137-040-B16-06-05	40	16	40		5	6	0,19	6	
M5137-050-B22-06-05	50	22	40		5	6	0,29	6	
M5137-050-B22-08-05	50	22	40		5	8	0,29	8	
M5137-063-B22-07-05	63	22	40		5	7	0,48	7	
M5137-063-B22-09-05	63	22	40		5	9	0,48	9	

Bodies and assembly parts are included in the scope of delivery

D2

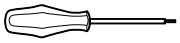
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

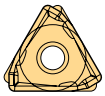
Assembly parts

	D_c [mm]	25–63
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm

Accessories

	D_c [mm]	25–63
	Torque screwdriver, analogue	FS2001
	Interchangeable blade	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	TNMU11T304R-G27	M	6	0,4	1	☺	😐	😐	☹	☹	😐	☹	☹	☹
	TNMU11T304R-G57	M	6	0,4	1	☺	😐	😐	☹	☹	😐	☹	☹	☹

HC = beschichtetes Hartmetall

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

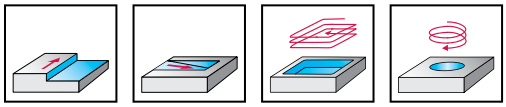
Shoulder milling cutters

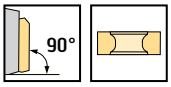
M5137 mm

TNMU1605...

Xtra·tec® XT

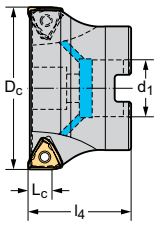
– 6 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5137	●●	●	●●		●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5137-050-B22-04-08	50	22	40	8	4	0,26	4	TNMU160508R
M5137-050-B22-05-08	50	22	40	8	5	0,25	5	
M5137-063-B22-05-08	63	22	40	8	5	0,45	5	
M5137-063-B22-07-08	63	22	40	8	7	0,42	7	
M5137-080-B27-07-08	80	27	50	8	7	0,94	7	
M5137-080-B27-09-08	80	27	50	8	9	0,94	9	
M5137-100-B32-08-08	100	32	50	8	8	1,63	8	
M5137-100-B32-11-08	100	32	50	8	11	1,62	11	

Bodies and assembly parts are included in the scope of delivery

D 2

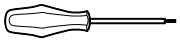
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

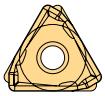
Assembly parts

	D_c [mm]	50–100
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 2 Nm

Accessories

	D_c [mm]	50–100
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M	K			S
						HC				HC	HC			HC
						WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G
	TNMU160508R-G27	M	6	0,8	1,6	☺	😐	😐	☹	☹	😐	☹	☹	☹
	TNMU160508R-G57	M	6	0,8	1,6	☺	😐	😐	☹	☹	😐	☹	☹	☹

HC = beschichtetes Hartmetall

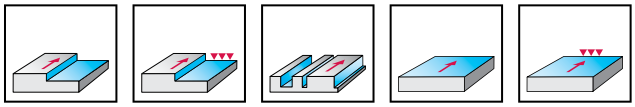
D2

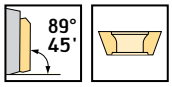
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Shoulder milling cutters

M4132 mm

– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4132	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit									
M4132-016-T14-02-06	16	T14	25		5,6	2	0,04	2	SD .. 06T2 .. SDGT06T2PDR
M4132-020-T18-02-06	20	T18	30		5,6	2	0,07	2	
M4132-020-T18-03-06	20	T18	30		5,6	3	0,07	3	
M4132-025-T22-02-09	25	T22	35		8,4	2	0,12	2	SD .. 09T3 .. SDGT09T3PDR
M4132-025-T22-03-06	25	T22	35		5,6	3	0,11	3	SD .. 06T2 .. SDGT06T2PDR
M4132-025-T22-04-06	25	T22	35		5,6	4	0,13	4	
M4132-032-T28-03-09	32	T28	40		8,4	3	0,21	3	SD .. 09T3 .. SDGT09T3PDR
M4132-040-T36-04-09	40	T36	40		8,4	4	0,36	4	
M4132-050-T45-06-09	50	T45	40		8,4	6	0,55	6	
Cylindrical modular									
M4132-016-TC08-02-06	16	M8	25		5,6	2	0,03	2	SD .. 06T2 .. SDGT06T2PDR
M4132-020-TC10-02-06	20	M10	30		5,6	2	0,06	2	
M4132-020-TC10-03-06	20	M10	30		5,6	3	0,06	3	
M4132-025-TC12-02-09	25	M12	35		8,4	2	0,1	2	SD .. 09T3 .. SDGT09T3PDR
M4132-025-TC12-03-06	25	M12	35		5,6	3	0,1	3	SD .. 06T2 .. SDGT06T2PDR
M4132-025-TC12-04-06	25	M12	35		5,6	4	0,1	4	
M4132-032-TC16-02-09	32	M16	40		8,4	2	0,2	2	SD .. 09T3 .. SDGT09T3PDR
M4132-032-TC16-03-09	32	M16	40		8,4	3	0,18	3	
Shell mill mount DIN 138 transverse keyway									
M4132-040-B16-04-09	40	16	40		8,4	4	0,22	4	SD .. 09T3 .. SDGT09T3PDR
M4132-040-B16-05-09	40	16	40		8,4	5	0,22	5	
M4132-050-B22-04-09	50	22	40		8,4	4	0,33	4	
M4132-050-B22-04-12	50	22	40		11,6	4	0,31	4	SD .. 1204 .. SDGT1204PDR
M4132-050-B22-05-12	50	22	40		11,6	5	0,32	5	
M4132-050-B22-06-09	50	22	40		8,4	6	0,35	6	SD .. 09T3 .. SDGT09T3PDR
M4132-063-B22-05-09	63	22	40		8,4	5	0,55	5	
M4132-063-B22-05-12	63	22	40		11,6	5	0,5	5	SD .. 1204 .. SDGT1204PDR
M4132-063-B22-06-12	63	22	40		11,6	6	0,54	6	
M4132-063-B22-07-09	63	22	40		8,4	7	0,58	7	SD .. 09T3 .. SDGT09T3PDR
M4132-080-B27-06-09	80	27	50		8,4	6	1,14	6	
M4132-080-B27-06-12	80	27	50		11,6	6	1	6	SD .. 1204 .. SDGT1204PDR
M4132-080-B27-08-09	80	27	50		8,4	8	1,17	8	SD .. 09T3 .. SDGT09T3PDR
M4132-080-B27-08-12	80	27	50		11,6	8	1,12	8	SD .. 1204 .. SDGT1204PDR
M4132-100-B32-07-12	100	32	50		11,6	7	1,8	7	
M4132-100-B32-09-12	100	32	50		11,6	9	1,83	9	
M4132-125-B40-08-12	125	40	63		11,6	8	3,37	8	
M4132-125-B40-10-12	125	40	63		11,6	10	3,42	10	

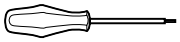
Bodies and assembly parts are included in the scope of delivery

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Assembly parts

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Torque screwdriver, analogue	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	SDGT06T2PDR-D57	G	4	0,4	1,2	☺	😐	😐	☹	😐	😐		☹				😐	☹	☹				😐	😐		☹
	SDGT09T3PDR-D57	G	4	0,8	1,2	☺	😐	😐	☹	😐	😐		☹				😐	☹	☹				😐	😐		☹
	SDGT1204PDR-D57	G	4	0,8	1,6	☺	😐	😐	☹	😐	😐		☹				😐	☹	☹				😐	😐		☹
	SDGW120408-A88	G	1	0,8																😐						
	SDHT06T204-G88	H	4	0,4																	☺	😐				
	SDMT06T204-D51	M	4	0,4		☺	😐	😐	☹				☹				😐	☹	☹							☹
	SDMT06T204-D57	M	4	0,4		☺	😐	😐	☹	😐	😐		☹		😐	😐	😐	☹	☹				😐	😐		☹
	SDMT06T204-F57	M	4	0,4		☺	😐	😐	☹	😐	😐	☹	☹	☺			😐	☹	☹				😐	😐	☹	☹
	SDMT06T208-F57	M	4	0,8			😐	😐	☹				☹					☹	☹							☹
	SDMT06T212-F57	M	4	1,2			😐	😐	☹	😐	😐	☹	☹					☹	☹				😐	😐	☹	☹
	SDMW06T204-A57	M	4	0,4		😐	☹	☹									😐	☹	☹							
	SDHT09T304-G88	H	4	0,4																	☺	😐				
	SDHT09T308-G88	H	4	0,8																	☺	😐				
	SDMT09T308-D51	M	4	0,8		☺	😐	😐	☹				☹				😐	☹	☹							☹
	SDMT09T308-D57	M	4	0,8		☺	😐	😐	☹	😐	😐		☹		😐	😐	😐	☹	☹				😐	😐		☹
	SDMT09T304-F57	M	4	0,4			😐	😐	☹				☹					☹	☹							☹
	SDMT09T308-F57	M	4	0,8		☺	😐	😐	☹	😐	😐	☹	☹	☺			😐	☹	☹				😐	😐	☹	☹
	SDMT09T312-F57	M	4	1,2			😐	😐	☹				☹					☹	☹							☹
	SDMT09T316-F57	M	4	1,6			😐	😐	☹				☹					☹	☹							☹
	SDMT09T320-F57	M	4	2			😐	😐	☹	😐	😐	☹	☹					☹	☹				😐	😐	☹	☹
	SDMW09T308-A57	M	4	0,8		😐	☹	☹									😐	☹	☹							
	SDMW09T320-A57	M	4	2			☹		☹				☹		😐	😐		☹								☹
	SDGW09T304-A88	G	1	0,4																😐						
	SDHT120408-G88	H	4	0,8																	☺	😐				
	SDMT120408-F57	M	4	0,8		☺	😐	😐	☹	😐	😐	☹	☹	☺			😐	☹	☹				😐	😐	☹	☹
	SDMT120412-F57	M	4	1,2			😐	😐	☹				☹					☹	☹							☹
	SDMT120416-F57	M	4	1,6			😐	😐	☹				☹					☹	☹							☹
	SDMT120420-F57	M	4	2			😐	😐	☹				☹					☹	☹							☹
	SDMT120425-F57	M	4	2,5			😐	😐	☹	😐	😐	☹	☹					☹	☹				😐	😐	☹	☹
	SDMT120408-D51	M	4	0,8		☺	😐	😐	☹				☹				😐	☹	☹							☹
	SDMT120408-D57	M	4	0,8		☺	😐	😐	☹	😐	😐		☹		😐	😐	😐	☹	☹				😐	😐		☹
	SDMW120408-A57	M	4	0,8		😐	☹	☹									😐	☹	☹							
	SDMW120425-A57	M	4	2,5			☹		☹				☹		😐	😐		☹								☹

SD..06T2.. : If the corner radius r is greater than 0.4 mm, the corner area of the body must be reworked.
SD..09T3.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.
SD..1204.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.
$R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

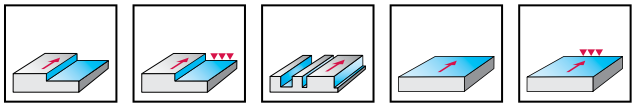
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

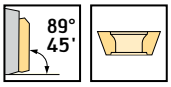
☺ 😐 ☹ / ★ = New addition to the product range

Shoulder milling cutters

M4132 mm

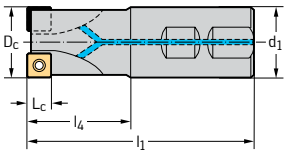
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4132	●●	●●	●●	●●	●●	●	●

Tool



DIN 1835 B

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M4132-016-W16-02-06	16	16	31	80	5,6	2	0,12	2	SD .. 06T2 .. SDGT06T2PDR
M4132-020-W20-02-06	20	20	39	90	5,6	2	0,2	2	
M4132-020-W20-03-06	20	20	39	90	5,6	3	0,19	3	
M4132-025-W25-02-09	25	25	43	100	8,4	2	0,34	2	SD .. 09T3 .. SDGT09T3PDR
M4132-025-W25-03-06	25	25	43	100	5,6	3	0,35	3	SD .. 06T2 .. SDGT06T2PDR
M4132-025-W25-04-06	25	25	43	100	5,6	4	0,35	4	
M4132-032-W32-02-09	32	32	49	110	8,4	2	0,61	2	SD .. 09T3 .. SDGT09T3PDR
M4132-032-W32-03-09	32	32	49	110	8,4	3	0,61	3	
M4132-040-W40-04-09	40	40	49	120	8,4	4	1,07	4	

Bodies and assembly parts are included in the scope of delivery

D 2

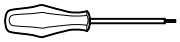
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Torque screwdriver, analogue	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	SDGT06T2PDR-D57	G	4	0,4	1,2	☺	😐	😐	☹		😐	😐		☹				😐	😐	😐				😐	😐		☹
	SDGT09T3PDR-D57	G	4	0,8	1,2	☺	😐	😐	☹		😐	😐		☹				😐	😐	😐				😐	😐		☹
	SDGT1204PDR-D57	G	4	0,8	1,6	☺	😐	😐	☹		😐	😐		☹				😐	😐	😐				😐	😐		☹
	SDGW120408-A88	G	1	0,8																😐							
	SDHT06T204-G88	H	4	0,4																	☺	😐					
	SDMT06T204-D51	M	4	0,4		☺	😐	😐	☹				☹				😐	😐	😐								☹
	SDMT06T204-D57	M	4	0,4		☺	😐	😐	☹		😐	😐	☹		😐	😐	😐	😐	😐				😐	😐		☹
	SDMT06T204-F57	M	4	0,4		☺	😐	😐	☹		😐	😐	☹	☺			😐	😐	😐				😐	😐	☹	☹
	SDMT06T208-F57	M	4	0,8			😐	😐	☹				☹					☹	☹								☹
	SDMT06T212-F57	M	4	1,2			😐	😐	☹		😐	😐	☹					☹	☹				😐	😐	☹	☹
	SDMW06T204-A57	M	4	0,4		😐	☹	☹									😐	☹	☹								
	SDHT09T304-G88	H	4	0,4																	☺	😐					
	SDHT09T308-G88	H	4	0,8																	☺	😐					
	SDMT09T308-D51	M	4	0,8		☺	😐	😐	☹				☹				😐	☹	☹								☹
	SDMT09T308-D57	M	4	0,8		☺	😐	😐	☹		😐	😐			😐	😐	😐	☹	☹				😐	😐		☹
	SDMT09T304-F57	M	4	0,4			😐	😐	☹				☹					☹	☹								☹
	SDMT09T308-F57	M	4	0,8		☺	😐	😐	☹		😐	😐	☹	☺			😐	☹	☹				😐	😐	☹	☹
	SDMT09T312-F57	M	4	1,2			😐	😐	☹				☹					☹	☹								☹
	SDMT09T316-F57	M	4	1,6			😐	😐	☹				☹					☹	☹								☹
	SDMT09T320-F57	M	4	2			😐	😐	☹		😐	😐	☹					☹	☹				😐	😐	☹	☹
	SDMW09T308-A57	M	4	0,8		😐	☹	☹									😐	☹	☹								
	SDMW09T320-A57	M	4	2			☹		☹				☹		😐	😐		☹									☹
	SDGW09T304-A88	G	1	0,4																😐							
	SDHT120408-G88	H	4	0,8																	☺	😐					
	SDMT120408-F57	M	4	0,8		☺	😐	😐	☹		😐	😐	☹	☺			😐	☹	☹				😐	😐	☹	☹
	SDMT120412-F57	M	4	1,2			😐	😐	☹				☹					☹	☹								☹
	SDMT120416-F57	M	4	1,6			😐	😐	☹				☹					☹	☹								☹
	SDMT120420-F57	M	4	2			😐	😐	☹				☹					☹	☹								☹
	SDMT120425-F57	M	4	2,5			😐	😐	☹		😐	😐	☹					☹	☹				😐	😐	☹	☹
	SDMT120408-D51	M	4	0,8		☺	😐	😐	☹				☹				😐	☹	☹								☹
	SDMT120408-D57	M	4	0,8		☺	😐	😐	☹		😐	😐			😐	😐	😐	☹	☹				😐	😐		☹
	SDMW120408-A57	M	4	0,8		😐	☹	☹									😐	☹	☹								
	SDMW120425-A57	M	4	2,5			☹		☹				☹		😐	😐		☹									☹

SD..06T2.. : If the corner radius r is greater than 0.4 mm, the corner area of the body must be reworked.
SD..09T3.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.
SD..1204.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.
$R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

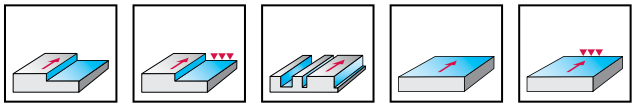
Shoulder milling cutters

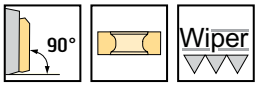
F5041 mm

LNH . 0904 .. R

Walter BLAXX

– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F5041	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit									
F5041.T22.025.Z03.08	25	T22	35		8	3	0,12	3	LNH . 0904 .. R
F5041.T22.025.Z04.08	25	T22	35		8	4	0,11	4	
F5041.T28.032.Z04.08	32	T28	40		8	4	0,22	4	
F5041.T28.032.Z05.08	32	T28	40		8	5	0,22	5	
DIN 1835 B									
F5041.W25.025.Z03.08	25	25	43	100	8	3	0,34	3	LNH . 0904 .. R
F5041.W25.025.Z04.08	25	25	43	100	8	4	0,34	4	
F5041.W32.032.Z04.08	32	32	49	110	8	4	0,61	4	
F5041.W32.032.Z05.08	32	32	49	110	8	5	0,61	5	
Cylindrical shank									
F5041.Z25.025.Z03.08	25	25	38	200	8	3	0,74	3	LNH . 0904 .. R
F5041.Z25.025.Z04.08	25	25	38	200	8	4	0,74	4	
F5041.Z32.032.Z04.08	32	32	39	250	8	4	1,5	4	
F5041.Z32.032.Z05.08	32	32	39	250	8	5	1,5	5	
Shell mill mount DIN 138 transverse keyway									
F5041.B16.040.Z04.08	40	16	40		8	4	0,3	4	LNH . 0904 .. R
F5041.B16.040.Z06.08	40	16	40		8	6	0,36	6	
F5041.B22.050.Z05.08	50	22	40		8	5	0,49	5	
F5041.B22.050.Z07.08	50	22	40		8	7	0,51	7	
F5041.B22.063.Z07.08	63	22	40		8	7	0,74	7	
F5041.B22.063.Z10.08	63	22	40		8	10	0,82	10	

constructively balanced | Bodies and assembly parts are included in the scope of delivery

D2

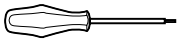
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

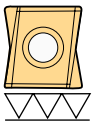
Assembly parts

	D_c [mm]	25–63
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm

Accessories

	D_c [mm]	25–63
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WH115X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WH115X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WH115X
	LNHU090404R-L55T	H	4	0,4	1,5		☺	☺	☺	☹	☺	☺		☹	☺		☺	☺	☺	☹	☹			☺	☺		☹	
	LNHU090408R-L55T	H	4	0,8	1,1		☺	☺	☺	☹	☺	☺		☹			☺	☺	☺	☹	☹			☺	☺		☹	
	LNHU090412R-L55T	H	4	1,2	0,8			☺	☺	☹	☺	☺		☹						☹	☹			☺	☺		☹	
	LNHU090416R-L55T	H	4	1,6				☺	☺	☹	☺	☺		☹						☹	☹			☺	☺		☹	
	LNHU090420R-L55T	H	4	2				☺	☺	☹	☺	☺		☹						☹	☹			☺	☺		☹	
	LNHU090404R-L65T	H	4	0,4	1,5					☹				☹													☹	
	LNHU090404R-L85T	H	4	0,4	1,5																	☺	☺					
	LNMU090404R-L55T	M	4	0,4	1,5		☺	☺	☺	☹			☹	☹			☺	☺	☺	☹	☹					☹	☹	
	LNHX0904PDR-L55T	H	2	0,4	3,5	☺									☺	☺												☺

LNHX0904PDR-L55T wiper insert only in combination with LNHU090404R-L55T . .
Do not use the LNHX0904PDR-L55T wiper insert in tools D_C=25 mm.

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

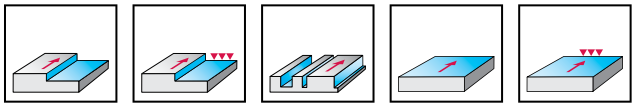
Shoulder milling cutters

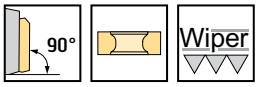
F5141 mm

LNH . 1306 .. R

Walter BLAXX

– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F5141	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit									
F5141.T36.040.Z05.12	40	T36	40		12	5	0,36	5	LNH . 1306 .. R
F5141.T45.050.Z06.12	50	T45	40		12	6	0,51	6	
DIN 1835 B									
F5141.W32.040.Z03.12	40	32	49	110	12	3	0,69	3	LNH . 1306 .. R
F5141.W32.040.Z05.12	40	32	49	110	12	5	0,74	5	
Cylindrical shank									
F5141.Z32.040.Z03.12	40	32	44	250	12	3	1,57	3	LNH . 1306 .. R
Shell mill mount DIN 138 transverse keyway									
F5141.B16.040.Z04.12	40	16	40		12	4	0,33	4	LNH . 1306 .. R
F5141.B16.040.Z05.12	40	16	40		12	5	0,22	5	
F5141.B22.050.Z05.12	50	22	40		12	5	0,35	5	
F5141.B22.050.Z06.12	50	22	40		12	6	0,45	6	
F5141.B22.063.Z06.12	63	22	40		12	6	0,8	6	
F5141.B22.063.Z08.12	63	22	40		12	8	0,71	8	
F5141.B27.080.Z07.12	80	27	50		12	7	1,29	7	
F5141.B27.080.Z10.12	80	27	50		12	10	1,27	10	
F5141.B32.100.Z09.12	100	32	50		12	9	2,72	9	
F5141.B32.100.Z13.12	100	32	50		12	13	2,68	13	
F5141.B40.125.Z11.12	125	40	63		12	11	3,3	11	
F5141.B40.125.Z16.12	125	40	63		12	16	4,35	16	

constructively balanced | Bodies and assembly parts are included in the scope of delivery

D2

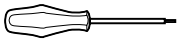
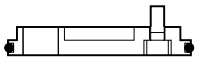
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

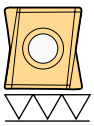
Assembly parts

	D_c [mm]	40–160
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm

Accessories

	D_c [mm]	40–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	LNHU130608R-L55T	H	4	0,8	2,2		☺	😐	😐	☹		😐	😐		☹		☺		😐	😐	😐	😐	😐				😐	😐		☹	
	LNHU130612R-L55T	H	4	1,2	1,9			😐	😐	☹		😐	😐		☹							😐	😐				😐	😐		☹	
	LNHU130616R-L55T	H	4	1,6	1,5			😐	😐	☹		😐	😐		☹							😐	😐				😐	😐		☹	
	LNHU130620R-L55T	H	4	2	1,2			😐	😐	☹		😐	😐		☹							😐	😐				😐	😐		☹	
	LNHU130625R-L55T	H	4	2,5	0,7			😐	😐	☹		😐	😐		☹							😐	😐				😐	😐		☹	
	LNHU130630R-L55T	H	4	3	2,3			😐	😐	☹		😐	😐		☹							😐	😐				😐	😐		☹	
	LNHU130632R-L55T	H	4	3,2				😐	😐	☹		😐	😐		☹							😐	😐				😐	😐		☹	
	LNHU130608R-L65T	H	4	0,8	2,2					☹					☹															☹	
	LNHU130608R-L85T	H	4	0,8	2,2																				☺	😐					
	LNMU130608R-L55T	M	4	0,8	2,2		☺	😐	😐	☹				☹	☹				😐	😐	😐	☹	☹						☹	☹	
	LNHX130608R-L55T	H	4	0,8	2,2	☺					☺					☺	☺	☺						☺							☺
	LNHX1306PDR-L55T	H	2	0,6	5	☺					☺					☺	☺	☺						☺							☺

LNHX130608R-L55T wiper insert only in combination with LNHU130608R-L55T . .
LNHX1306PDR-L55T wiper insert only in combination with LNHU130608R-L55T . .
Do not use the LNHX1306..R-L55T wiper insert in tools D_C=40 mm.

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

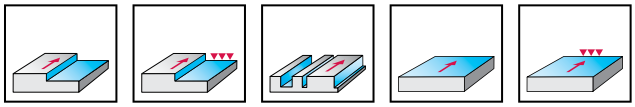
Shoulder milling cutters

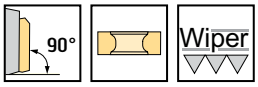
F5141 mm

LNH . 1306 .. R

Walter BLAXX

– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert

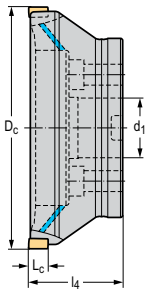




	P	M	K	N	S	H	O
F5141	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
F5141.B40.160.Z13.12	160	40	63		12	13	5,38	13	LNH . 1306 .. R



Shell mill mount DIN 138 transverse keyway

constructively balanced | Bodies and assembly parts are included in the scope of delivery

D2

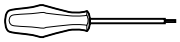
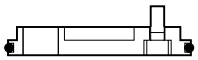
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

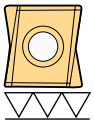
Assembly parts

	D_c [mm]	40–160
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm

Accessories

	D_c [mm]	40–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	LNHU130608R-L55T	H	4	0,8	2,2		☺	😐	😐	☹		😐	😐		☹		☺		😐	😐	😐	😐	😐				😐	😐		☹	
	LNHU130612R-L55T	H	4	1,2	1,9			😐	😐	☹		😐	😐		☹							😐	😐				😐	😐		☹	
	LNHU130616R-L55T	H	4	1,6	1,5			😐	😐	☹		😐	😐		☹							😐	😐				😐	😐		☹	
	LNHU130620R-L55T	H	4	2	1,2			😐	😐	☹		😐	😐		☹							😐	😐				😐	😐		☹	
	LNHU130625R-L55T	H	4	2,5	0,7			😐	😐	☹		😐	😐		☹							😐	😐				😐	😐		☹	
	LNHU130630R-L55T	H	4	3	2,3			😐	😐	☹		😐	😐		☹							😐	😐				😐	😐		☹	
	LNHU130632R-L55T	H	4	3,2				😐	😐	☹		😐	😐		☹							😐	😐				😐	😐		☹	
	LNHU130608R-L65T	H	4	0,8	2,2					☹					☹															☹	
	LNHU130608R-L85T	H	4	0,8	2,2																				☺	😐					
	LNMU130608R-L55T	M	4	0,8	2,2		☺	😐	😐	☹				☹	☹				😐	😐	😐	☹	☹						☹	☹	
	LNHX130608R-L55T	H	4	0,8	2,2	☺					☺					☺	☺	☺						☺							☺
	LNHX1306PDR-L55T	H	2	0,6	5	☺					☺					☺	☺	☺						☺							☺

LNHX130608R-L55T wiper insert only in combination with LNHU130608R-L55T . .
LNHX1306PDR-L55T wiper insert only in combination with LNHU130608R-L55T . .
Do not use the LNHX1306..R-L55T wiper insert in tools D_C=40 mm.

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

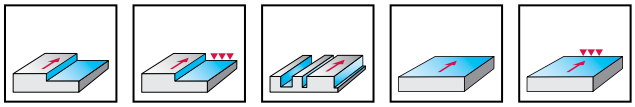
Shoulder milling cutters

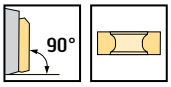
F5241 mm

LNHU1607 .. R

Walter BLAXX

– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert

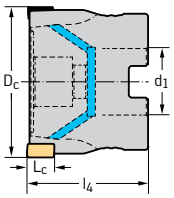




	P	M	K	N	S	H	O
F5241	●●	●●	●●	●●	●●	●	●

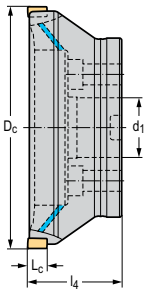
Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F5241.B22.050.Z05.15	50	22	40	15	5	0,3	5	LNHU1607 .. R
F5241.B22.063.Z06.15	63	22	40	15	6	0,7	6	
F5241.B27.080.Z07.15	80	27	50	15	7	1,27	7	
F5241.B32.100.Z08.15	100	32	50	15	8	1,84	8	
F5241.B40.125.Z10.15	125	40	63	15	10	4,21	10	



Shell mill mount DIN 138 transverse keyway

F5241.B40.160.Z12.15	160	40	63	15	12	5,4	12	LNHU1607 .. R



Shell mill mount DIN 138 transverse keyway

constructively balanced | Bodies and assembly parts are included in the scope of delivery

D2

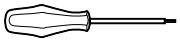
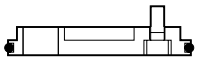
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

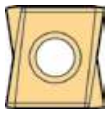
Assembly parts

	D_c [mm]	50	63–160
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm	FS2112 (T20IP) 5 Nm

Accessories

	D_c [mm]	50–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSP45G
	LNHU160708R-L55T	H	4	0,8	2,3	☺	😐	😐	☹	😐	😐	☹	😐	😐	😐	☹	☹	😐	😐	☹
	LNHU160712R-L55T	H	4	1,2	1,9				☹			☹								☹
	LNHU160716R-L55T	H	4	1,6	1,6				☹			☹								☹

HC = beschichtetes Hartmetall

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

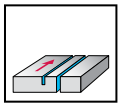
☺ 😐 ☹ / ★ = New addition to the product range

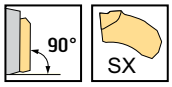
Parting and slitting cutters

F5055 mm

Walter BLAXX

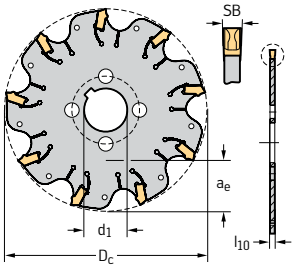
– 1 cutting edge per indexable insert





	P	M	K	N	S	H	O
F5055	●●	●●	●●	●●	●●		

Tool



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	NB mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F5055.B16.063.Z05.1,5	63	16	16	1,2	1,5	15	5	10	0,05	SX-1E1
F5055.B16.080.Z07.1,5	80	16	16	1,2	1,5	19	7	14	0,06	
F5055.B22.100.Z09.1,5	100	22	22	1,2	1,5	25	9	18	0,1	
F5055.B32.125.Z11.1,5	125	32	32	1,2	1,5	33	11	22	0,15	
F5055.B16.063.Z05.2,0	63	16	16	1,6	2	15	5	10	0,04	SX-2E2
F5055.B16.080.Z07.2,0	80	16	16	1,6	2	19	7	14	0,07	
F5055.B22.100.Z09.2,0	100	22	22	1,6	2	25	9	18	0,11	
F5055.B32.125.Z11.2,0	125	32	32	1,6	2	33	11	22	0,17	
F5055.B40.160.Z14.2,0	160	40	40	1,6	2	38	14	28	0,28	
F5055.B16.063.Z04.3,0	63	16	16	2,4	3	15	4	8	0,05	SX-3E3
F5055.B16.080.Z06.3,0	80	16	16	2,4	3	19	6	12	0,09	
F5055.B22.100.Z09.3,0	100	22	22	2,4	3	25	9	18	0,14	
F5055.B32.125.Z11.3,0	125	32	32	2,4	3	33	11	22	0,22	
F5055.B40.160.Z14.3,0	160	40	40	2,4	3	38	14	28	0,38	
F5055.B40.200.Z19.3,0	200	40	40	2,4	3	58	19	38	0,65	
F5055.B40.250.Z24.3,0	250	40	40	2,4	3	83	24	48	1,07	
F5055.B16.063.Z04.4,0	63	16	16	3,4	4	15	4	8	0,07	SX-4E4
F5055.B16.080.Z06.4,0	80	16	16	3,4	4	19	6	12	0,12	
F5055.B22.100.Z09.4,0	100	22	22	3,4	4	25	9	18	0,18	
F5055.B32.125.Z11.4,0	125	32	32	3,4	4	33	11	22	0,29	
F5055.B40.160.Z14.4,0	160	40	40	3,4	4	38	14	28	0,5	
F5055.B40.200.Z19.4,0	200	40	40	3,4	4	58	19	38	0,85	
F5055.B40.250.Z24.4,0	250	40	40	3,4	4	83	24	48	1,39	

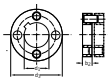
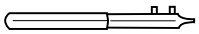
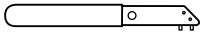
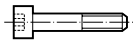
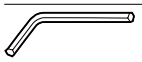
Values for a_e in combination with drive collar | Use mounting wrench FS1494 or FS2249 to fit the indexable insert

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

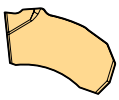
New addition to the product range = ☺ 😐 ☹ / ★

Accessories

	Dc [mm] SB [mm]	63 1,5–2	63 3–4	80 1,5	80 2	80 3–4	100 1,5	100 2–4	125 1,5	125 2–4	160 2–4	200 3–4	250 3–4
	Drive collar	FS1346-SET	FS2291-SET	FS1347-SET	FS1347-SET	FS2292-SET	FS1348-SET	FS1348-SET	FS1349-SET	FS1349-SET	FS1350-SET	FS1350-SET	FS1350-SET
	Mounting wrench	FS2249	FS2249	FS2249	FS1494	FS1494	FS2249	FS1494	FS2249	FS1494	FS1494	FS1494	FS1494
	Ergonomic mounting wrench				FS2290 (PINS)	FS2290 (PINS)		FS2290 (PINS)		FS2290 (PINS)	FS2290 (PINS)	FS2290 (PINS)	FS2290 (PINS)
	Clamping screw for retaining washer											FS966 (SW 5) 8 Nm	FS966 (SW 5) 8 Nm
	Retaining washer instead of drive collar											FS1351-SET	FS1352-SET
	Key for clamping screw											ISO2936-5 (SW 5)	ISO2936-5 (SW 5)

Clamping screws for retaining washers are included in the scope of delivery.

Cutting inserts

	Designation	s mm	r mm	P HC WKP23S	P HC WSM23S	P HC WSM33G	P HC WSM33S	P HC WSM43S	M HC WSM23S	M HC WSM33G	M HC WSM33S	M HC WSM43S	K HC WKP23S	N HW WK1	S HC WSM23S	S HC WSM33G	S HC WSM33S	S HC WSM43S
	SX-1E150N01-SK8	1,5	0,1											😐				
	SX-1E150N01-CE4	1,5	0,15			😐	😐			😐	😐					😐	😐	
	SX-1E150N01-SF5	1,5	0,15			😐	😐			😐	😐					😐	😐	
	SX-2E200N02-CE4	2	0,2	😊	😊	😐	😐	☹	😊	😐	😐	☹	😊		😊	😐	😐	☹
	SX-2E200N02-CF6	2	0,2			😐	😐	☹		😐	😐	☹				😐	😐	☹
	SX-2E200N02-SF5	2	0,2			😐	😐	☹		😐	😐	☹				😐	😐	☹
	SX-2E200N02-SK8	2	0,2											😐				
	SX-3E300N02-CE4	3	0,2	😊	😊	😐	😐	☹	😊	😐	😐	☹	😊		😊	😐	😐	☹
	SX-3E300N02-CF6	3	0,2			😐	😐	☹		😐	😐	☹				😐	😐	☹
	SX-3E300N02-SF5	3	0,2			😐	😐	☹		😐	😐	☹				😐	😐	☹
	SX-3E300N02-SK8	3	0,2											😐				
	SX-4E400N02-CE4	4	0,2	😊	😊	😐	😐	☹	😊	😐	😐	☹	😊		😊	😐	😐	☹
	SX-4E400N02-SF5	4	0,2			😐	😐	☹		😐	😐	☹				😐	😐	☹
	SX-4E400N02-SK8	4	0,2											😐				

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

D2

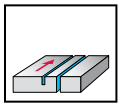
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = ☹

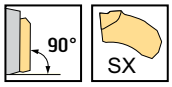
Parting and slitting cutters

F5055 mm

Walter BLAXX

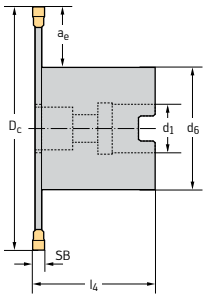
– 1 cutting edge per indexable insert





	P	M	K	N	S	H	O
F5055	●●	●●	●●	●●	●●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	d_6 mm	l_4 mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F5055.BN16.063.Z04.3,0R	63	16	35	40	3	15	4	8	0,03	SX-3E3
F5055.BN16.080.Z06.3,0R	80	16	40	40	3	19	6	12	0,06	
F5055.BN22.100.Z09.3,0R	100	22	48	40	3	25	9	18	0,62	
F5055.BN32.125.Z11.3,0R	125	32	58	50	3	33	11	22	1	
F5055.BN40.160.Z14.3,0R	160	40	80	63	3	38	14	28	0,25	
F5055.BN16.063.Z04.4,0R	63	16	35	41	4	15	4	8	0,05	SX-4E4
F5055.BN16.080.Z06.4,0R	80	16	40	41	4	19	6	12	0,46	
F5055.BN22.100.Z09.4,0R	100	22	48	41	4	25	9	18	0,14	
F5055.BN32.125.Z11.4,0R	125	32	58	51	4	33	11	22	1,07	
F5055.BN40.160.Z14.4,0R	160	40	80	64	4	38	14	28	0,4	

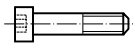
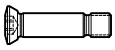
Use mounting wrench FS1494 or FS2249 to fit the indexable insert | Bodies and assembly parts are included in the scope of delivery

D2

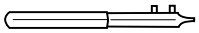
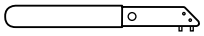
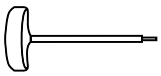
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

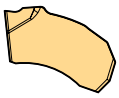
Assembly parts

	Dc [mm] SB [mm]	63 3–4	80 3–4	100 3–4	125 3–4	160 3–4
	Clamping screw for adaptor					
	Bore adaptor part	AA704-B16-G16-040-A	AA704-B16-G16-040-B	AA704-B22-G22-040-B	AA704-B32-G32-050-B	AA704-B40-G40-063-B
	Clamping screw for milling cutter Tightening torque	FS2270 (T15IP) 6,5 Nm	FS2270 (T15IP) 6,5 Nm	FS2270 (T15IP) 6,5 Nm	FS2271 (T20IP) 7 Nm	FS2272 (T30) 8 Nm

Accessories

	Dc [mm] SB [mm]	63 3–4	80–100 3–4	125 3–4	160 3–4
	Mounting wrench for cutting insert	FS2249	FS1494	FS1494	FS1494
	Ergonomic mounting wrench		FS2290 (PINS)	FS2290 (PINS)	FS2290 (PINS)
	Adaptor clamping screw allen key	ISO2936-6 (SW 6)	ISO2936-6 (SW 6)	ISO2936-6 (SW 6)	ISO2936-6 (SW 6)
	Torque T-handle	FS2041	FS2041	FS2041	FS2041
	Interchangeable blade	FS2047 (T15IP)	FS2047 (T15IP)	FS2048 (T20IP)	FS2046 (T30)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1175 (T30)

Cutting inserts

	Designation	s mm	r mm	P HC WKP23S	P HC WSM23S	P HC WSM33G	P HC WSM33S	P HC WSM43S	M HC WSM23S	M HC WSM33G	M HC WSM33S	M HC WSM43S	K HC WKP23S	N HW WK1	S HC WSM23S	S HC WSM33G	S HC WSM33S	S HC WSM43S
	SX-3E300N02-CE4	3	0,2	☺	☺	😐	😐	☹	☺	😐	😐	☹	☺		☺	😐	😐	☹
	SX-3E300N02-CF6	3	0,2			😐	😐	☹		😐	😐	☹				😐	😐	☹
	SX-3E300N02-SF5	3	0,2			😐	😐	☹		😐	😐	☹				😐	😐	☹
	SX-3E300N02-SK8	3	0,2											😐				
	SX-4E400N02-CE4	4	0,2	☺	☺	😐	😐	☹	☺	😐	😐	☹	☺		☺	😐	😐	☹
	SX-4E400N02-SF5	4	0,2			😐	😐	☹		😐	😐	☹				😐	😐	☹
	SX-4E400N02-SK8	4	0,2											😐				

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

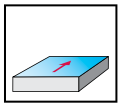
Round insert milling cutters

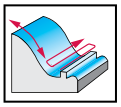
M5468 mm

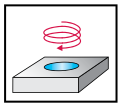
RD . X0501M0

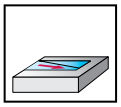
Xtra·tec® XT

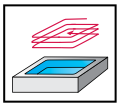
– 4 cutting edges per indexable insert



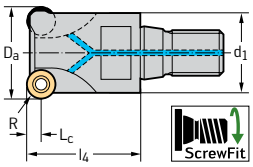
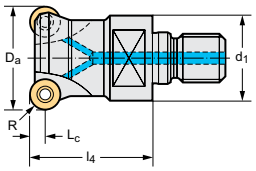
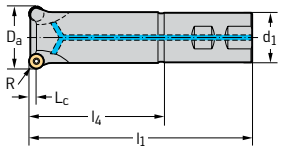








	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool	Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5468-010-T09-02-02.5	2,5	10	9,7	20		2,5	2	0,01	2	RD . X0501M0
	M5468-012-T09-03-02.5	2,5	12	9,7	20		2,5	3	0,01	3	
	M5468-016-T14-04-02.5	2,5	16	14,5	25		2,5	4	0,03	4	
	M5468-020-T18-05-02.5	2,5	20	18,5	30		2,5	5	0,06	5	
 Cylindrical modular	M5468-010-TC06-02-02.5	2,5	10	9,7	20		2,5	2	0,01	2	RD . X0501M0
	M5468-012-TC06-03-02.5	2,5	12	9,7	20		2,5	3	0,01	3	
	M5468-016-TC08-04-02.5	2,5	16	14,5	25		2,5	4	0,03	4	
	M5468-020-TC10-05-02.5	2,5	20	18,5	30		2,5	5	0,06	5	
 DIN 1835 B	M5468-010-W10-02-02.5	2,5	10	10	19	60	2,5	2	0,03	2	RD . X0501M0
	M5468-012-W12-03-02.5	2,5	12	12	19	65	2,5	3	0,05	3	

Bodies and assembly parts are included in the scope of delivery

D2

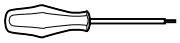
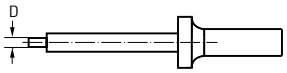
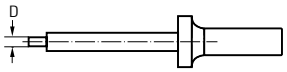
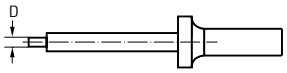
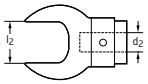
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [mm]	10–20
	Clamping screw for indexable insert Tightening torque	FS1358 (T6) 0,4 Nm

Accessories

	D_a [mm]	10–12	16	20
	Torque screwdriver, analogue	FS2001	FS2001	FS2001
	Interchangeable blade	FS2005 (T6)	FS2005 (T6)	FS2005 (T6)
	Screwdriver	FS1063 (T6)	FS1063 (T6)	FS1063 (T6)
	Torque wrench	FS1384		
	Torque wrench		FS1385	FS1385
	Torque wrench		FS1386	FS1386
	Torque wrench head	FS1387	FS1388	FS1389

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	RDGX0501M0-G88	G	4	5														☺				
	RDHX0501M0-A57	H	4	5	☺		😐	😐					☺	☺		😐	😐					☺
	RDMX0501M0-D57	M	4	5		☺	😐	😐	😐	😐	😐	😐		😐	😐	😐	😐		😐	😐	😐	

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😐

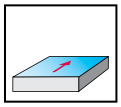
Round insert milling cutters

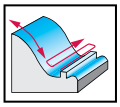
M5468 mm

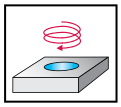
RD . X07T1M0

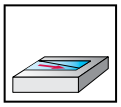
Xtra·tec® XT

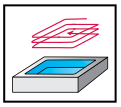
– 4 cutting edges per indexable insert



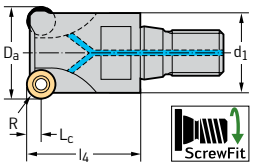
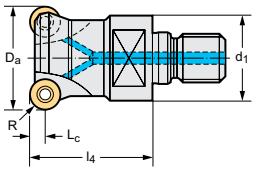
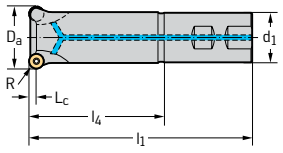








	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool	Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5468-015-T14-03-03.5	3,5	15	14,5	25		3,5	3	0,03	3	RD . X07T1M0
	M5468-020-T18-04-03.5	3,5	20	18,5	30		3,5	4	0,05	4	
	M5468-025-T22-05-03.5	3,5	25	22	35		3,5	5	0,1	5	
	M5468-030-T28-06-03.5	3,5	30	28	40		3,5	6	0,18	6	
 Cylindrical modular	M5468-015-TC08-03-03.5	3,5	15	14,5	25		3,5	3	0,03	3	RD . X07T1M0
	M5468-020-TC10-04-03.5	3,5	20	18,5	30		3,5	4	0,05	4	
	M5468-025-TC12-05-03.5	3,5	25	22	35		3,5	5	0,09	5	
	M5468-030-TC16-06-03.5	3,5	30	28	40		3,5	6	0,17	6	
 DIN 1835 B	M5468-015-W16-03-03.5	3,5	15	16	51	100	3,5	3	0,12	3	RD . X07T1M0

Bodies and assembly parts are included in the scope of delivery

D2

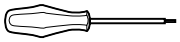
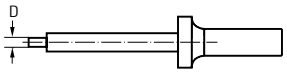
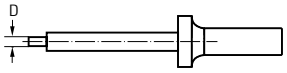
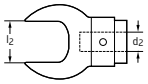
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [mm]	15–30
	Clamping screw for indexable insert Tightening torque	FS1455 (T8IP) 1,2 Nm

Accessories

	D_a [mm]	15	20	25	30
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)
	Torque wrench	FS1385	FS1385	FS1385	
	Torque wrench	FS1386	FS1386	FS1386	FS1386
	Torque wrench head	FS1388	FS1389	FS1390	FS1391

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	RDGX07T1M0-G88	G	4	7														😐				
	RDHX07T1M0-A57	H	4	7	😊	😐	😕	😕					😊	😐	😐	😕	😕					😊
	RDMX07T1M0-D57	M	4	7		😊	😐	😐	😕	😐	😐	😕		😐	😐	😕	😕		😐	😐	😕	

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = 😕

😊 😐 😕 / ★ = New addition to the product range

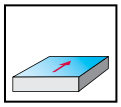
Round insert milling cutters

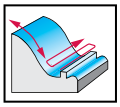
M5468 mm

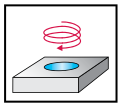
RO . X0803M0

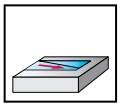
Xtra·tec® XT

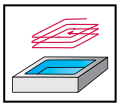
– With indexing surfaces
– 4 cutting edges per indexable insert



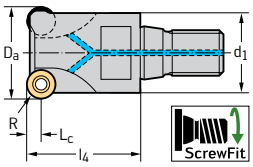
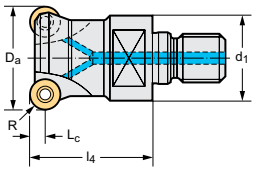
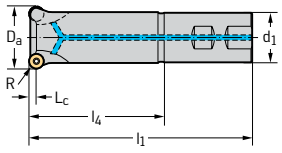








	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool	Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5468-016-T14-02-04	4	16	14,5	25		4	2	0,03	2	RO . X0803M0
	M5468-025-T22-03-04	4	25	22	35		4	3	0,09	3	
	M5468-032-T28-05-04	4	32	28	40		4	5	0,18	5	
 Cylindrical modular	M5468-016-TC08-02-04	4	16	14,5	25		4	2	0,03	2	RO . X0803M0
	M5468-025-TC12-03-04	4	25	22	35		4	3	0,09	3	
	M5468-032-TC16-05-04	4	32	28	40		4	5	0,17	5	
 DIN 1835 B	M5468-016-W16-02-04	4	16	16	51	100	4	2	0,13	2	RO . X0803M0
	M5468-025-W25-03-04	4	25	25	93	150	4	3	0,45	3	

Bodies and assembly parts are included in the scope of delivery

D2

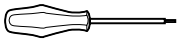
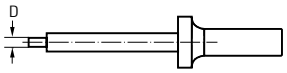
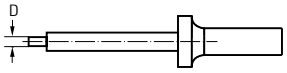
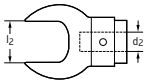
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [mm]	16	25–32
	Clamping screw for indexable insert Tightening torque	FS1456 (T9IP) 2 Nm	FS2078 (T9IP) 1,5 Nm

Accessories

	D_a [mm]	16	25	32
	Torque screwdriver, analogue	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)
	Torque wrench	FS1385	FS1385	
	Torque wrench	FS1386	FS1386	FS1386
	Torque wrench head	FS1388	FS1390	FS1391

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	ROGX0803M04-G88	G	4	8														☻	☻				
	ROHX0803M04-A57	H	4	8	☻	☻	☻	☻					☻	☻	☻	☻	☻						☻
	ROHX0803M04-D57	H	4	8				☻	☻	☻	☻	☻					☻			☻	☻	☻	
	ROHX0803M04-D67	H	4	8					☻			☻										☻	
	ROMX0803M04-D57	M	4	8		☻		☻	☻	☻	☻	☻		☻	☻		☻			☻	☻	☻	

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = ☻ → Moderate = ☻

☻ ☻ ☻ / ★ = New addition to the product range

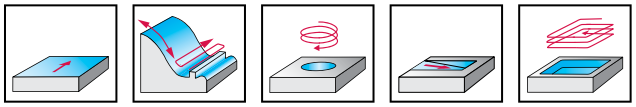
Round insert milling cutters

M5468 mm

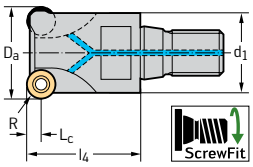
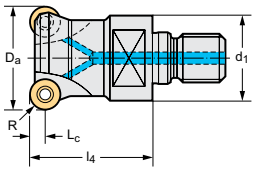
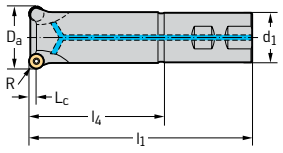
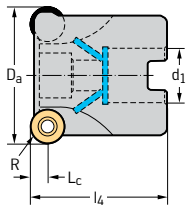
RO . X10T3M0

Xtra·tec® XT

– With indexing surfaces
– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool	Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5468-020-T18-02-05	5	20	18,5	30		5	2	0,05	2	RO . X10T3M0
	M5468-025-T22-03-05	5	25	22	35		5	3	0,09	3	
	M5468-030-T28-04-05	5	30	28	40		5	4	0,16	4	
	M5468-032-T28-04-05	5	32	28	40		5	4	0,17	4	
	M5468-035-T28-05-05	5	35	28	40		5	5	0,19	5	
	M5468-040-T36-05-05	5	40	36	40		5	5	0,31	5	
ScrewFit											
 Cylindrical modular	M5468-020-TC10-02-05	5	20	18,5	30		5	2	0,05	2	RO . X10T3M0
	M5468-025-TC12-03-05	5	25	22	35		5	3	0,08	3	
	M5468-030-TC16-04-05	5	30	28	40		5	4	0,15	4	
	M5468-032-TC16-04-05	5	32	28	40		5	4	0,16	4	
	M5468-035-TC16-05-05	5	35	28	40		5	5	0,18	5	
	M5468-040-TC16-05-05	5	40	28	40		5	5	0,19	5	
Cylindrical modular											
 DIN 1835 B	M5468-020-W20-02-05	5	20	20	59	110	5	2	0,21	2	RO . X10T3M0
	M5468-032-W32-04-05	5	32	32	114	175	5	4	0,89	4	
DIN 1835 B											
 Shell mill mount DIN 138 transverse keyway	M5468-040-B16-05-05	5	40	16	40		5	5	0,14	5	RO . X10T3M0
	M5468-050-B22-06-05	5	50	22	50		5	6	0,33	6	
	M5468-052-B22-06-05	5	52	22	50		5	6	0,43	6	
Shell mill mount DIN 138 transverse keyway											

Bodies and assembly parts are included in the scope of delivery

D 2

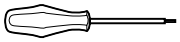
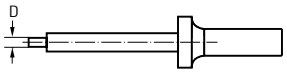
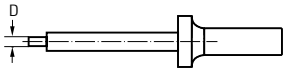
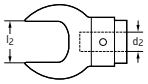
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [mm]	20–52
	Clamping screw for indexable insert Tightening torque	FS2181 (T15IP) 3 Nm

Accessories

	D_a [mm]	20	25	30–35	40	50–52
	Torque screwdriver, analogue	FS2003	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
	Torque wrench	FS1385	FS1385			
	Torque wrench	FS1386	FS1386	FS1386	FS1386	
	Torque wrench head	FS1389	FS1390	FS1391	FS1392	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX10T3M08-G88	G	8	10														☺	😐				
	ROHX10T3M08-A57	H	8	10	☺	😐	😟	😟					☺	😐	😐	😟	😟						☺
	ROMX10T3M08-D57	M	8	10		☺	😐	😐	😟	😐		😟		😐	😐	😟	😟			😐		😟	
	ROMX10T3M08-F67	M	8	10					😟	😐	😟	😟								😐	😟	😟	
	ROMX10T3M0T8-A27	M	8	10		😐	😟	😟						😐	😐	😟	😟						

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😟

☺ 😐 😟 / ★ = New addition to the product range

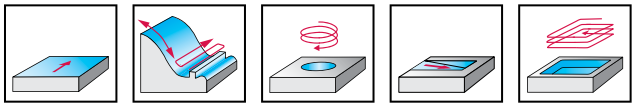
Round insert milling cutters

M5468 mm

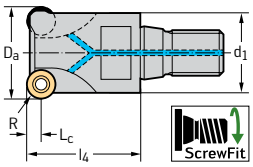
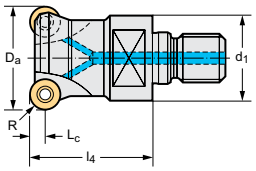
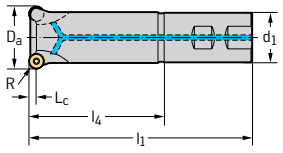
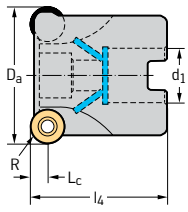
RO . X1204M0

Xtra·tec® XT

– With indexing surfaces
– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool	Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5468-024-T22-02-06	6	24	22	35		6	2	0,08	2	RO . X1204M0
	M5468-032-T28-03-06	6	32	28	40		6	3	0,17	3	
	M5468-040-T36-05-06	6	40	36	40		6	5	0,3	5	
	M5468-042-T36-05-06	6	42	36	40		6	5	0,31	5	
 Cylindrical modular	M5468-024-TC12-02-06	6	24	22	35		6	2	0,07	2	RO . X1204M0
	M5468-032-TC16-03-06	6	32	28	40		6	3	0,16	3	
	M5468-040-TC16-05-06	6	40	28	40		6	5	0,18	5	
	M5468-042-TC16-05-06	6	42	28	40		6	5	0,19	5	
 DIN 1835 B	M5468-024-W25-02-06	6	24	25	73	130	6	2	0,36	2	RO . X1204M0
 Shell mill mount DIN 138 transverse keyway	M5468-040-B16-04-06	6	40	16	40		6	4	0,28	4	RO . X1204M0
	M5468-040-B16-05-06	6	40	16	40		6	5	0,13	5	
	M5468-042-B16-05-06	6	42	16	40		6	5	0,15	5	
	M5468-050-B22-05-06	6	50	22	50		6	5	0,34	5	
	M5468-050-B22-06-06	6	50	22	50		6	6	0,31	6	
	M5468-052-B22-05-06	6	52	22	50		6	5	0,35	5	
	M5468-052-B22-06-06	6	52	22	50		6	6	0,35	6	
	M5468-063-B22-06-06	6	63	22	50		6	6	0,52	6	
	M5468-063-B22-07-06	6	63	22	50		6	7	0,51	7	
	M5468-066-B27-06-06	6	66	27	50		6	6	0,68	6	
	M5468-066-B27-07-06	6	66	27	50		6	7	0,62	7	
	M5468-080-B27-07-06	6	80	27	50		6	7	0,88	7	

Bodies and assembly parts are included in the scope of delivery

D2

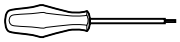
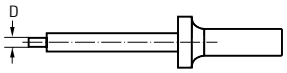
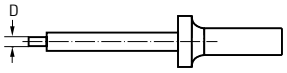
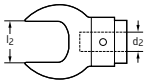
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [mm]	24	32–100	40
	Clamping screw for indexable insert Tightening torque	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS2080 (T15IP) 2,5 Nm

Accessories

	D_a [mm]	24	32	40–42	50–100
	Torque screwdriver, analogue	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
	Torque wrench	FS1385			
	Torque wrench	FS1386	FS1386	FS1386	
	Torque wrench head	FS1390	FS1391	FS1392	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX1204M08-G88	G	8	12														☺	😐				
	ROHX1204M08-A57	H	8	12	☺	😐	☹	☹					☺	😐	😐	☹	☹						☺
	ROMX1204M08-D57	M	8	12		☺	😐	😐	☹	😐		☹		😐	😐	☹	☹			😐		☹	
	ROMX1204M08-F67	M	8	12					☹	😐	☹	☹								😐	☹	☹	
	ROMX1204M0T8-A27	M	8	12		😐	☹	☹						😐	😐	☹	☹						

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

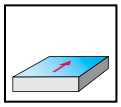
Round insert milling cutters

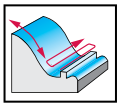
M5468 mm

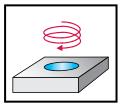
RO . X1204M0

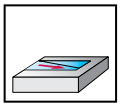
Xtra·tec® XT

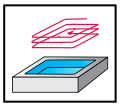
– With indexing surfaces
– 8 cutting edges per indexable insert





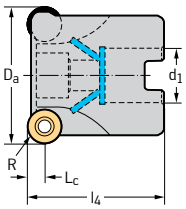






	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z PCE	kg	No. of inserts PCE	Type
M5468-080-B27-08-06	6	80	27	50		6	8	0,87	8	RO . X1204M0
M5468-100-B32-08-06	6	100	32	50		6	8	1,54	8	

Bodies and assembly parts are included in the scope of delivery

D 2

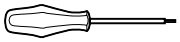
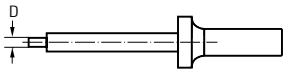
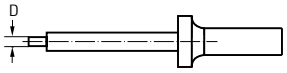
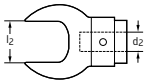
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [mm]	24	32–100	40
	Clamping screw for indexable insert Tightening torque	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS2080 (T15IP) 2,5 Nm

Accessories

	D_a [mm]	24	32	40–42	50–100
	Torque screwdriver, analogue	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
	Torque wrench	FS1385			
	Torque wrench	FS1386	FS1386	FS1386	
	Torque wrench head	FS1390	FS1391	FS1392	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX1204M08-G88	G	8	12														☻	☻				
	ROHX1204M08-A57	H	8	12	☻	☻	☹	☹					☻	☻	☻	☹	☹						☻
	ROMX1204M08-D57	M	8	12		☻	☻	☻	☹	☻		☹		☻	☻	☹	☹			☻		☹	
	ROMX1204M08-F67	M	8	12					☹	☻	☹	☹								☻	☹	☹	
	ROMX1204M0T8-A27	M	8	12		☻	☹	☹						☻	☻	☹	☹						

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

☻ 😐 ☹ / ★ = New addition to the product range

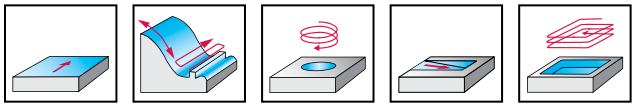
Round insert milling cutters

M5468 mm

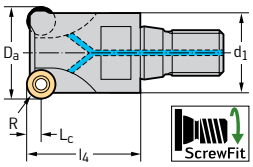
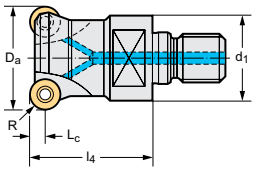
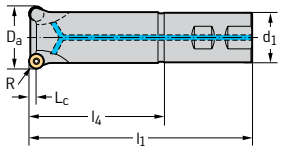
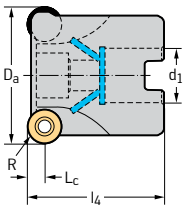
RO . X1605M0

Xtra·tec® XT

– With indexing surfaces
– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool	Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5468-032-T28-02-08	8	32	28	40		8	2	0,14	2	RO . X1605M0
 Cylindrical modular	M5468-032-TC16-02-08	8	32	28	40		8	2	0,14	2	RO . X1605M0
 DIN 1835 B	M5468-032-W32-02-08	8	32	32	99	160	8	2	0,74	2	RO . X1605M0
 Shell mill mount DIN 138 transverse keyway	M5468-052-B22-04-08	8	52	22	50		8	4	0,32	4	RO . X1605M0
	M5468-052-B22-05-08	8	52	22	50		8	5	0,38	5	
	M5468-063-B22-05-08	8	63	22	50		8	5	0,49	5	
	M5468-063-B22-06-08	8	63	22	50		8	6	0,49	6	
	M5468-066-B27-05-08	8	66	27	50		8	5	0,57	5	
	M5468-066-B27-06-08	8	66	27	50		8	6	0,66	6	
	M5468-080-B27-06-08	8	80	27	50		8	6	0,82	6	
	M5468-080-B27-07-08	8	80	27	50		8	7	0,82	7	
	M5468-100-B32-07-08	8	100	32	50		8	7	1,43	7	
	M5468-125-B40-08-08	8	125	40	63		8	8	2,79	8	

Bodies and assembly parts are included in the scope of delivery

D 2

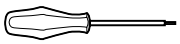
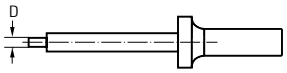
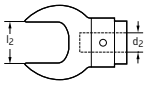
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [mm]	32	52–125
	Clamping screw for indexable insert Tightening torque	FS2281 (T20IP) 5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_a [mm]	32	52–125
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)
	Torque wrench	FS1386	
	Torque wrench head	FS1391	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX1605M08-G88	G	8	16														☺	😐				
	ROHX1605M08-A57	H	8	16	☺	😐	😟	😟					☺	😐	😐	😟	😟						☺
	ROMX1605M08-D57	M	8	16		☺	😐	😐	😟	😐		😟		😐	😐	😟	😟			😐		😟	
	ROMX1605M08-F67	M	8	16					😐	😐	😟	😐								😐	😟	😐	
	ROMX1605M0T8-A27	M	8	16		😐	😟	😟						😐	😐	😟	😟						

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😟

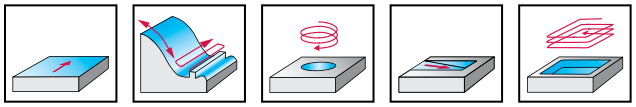
Round insert milling cutters

M5468 mm

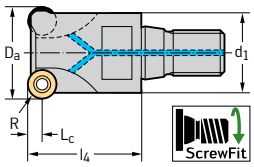
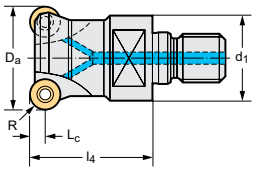
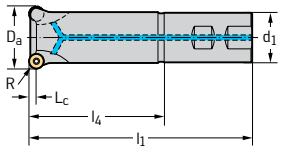
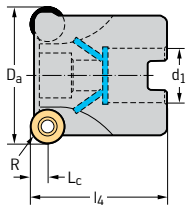
RO . X2006M0

Xtra·tec® XT

– With indexing surfaces
– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool	Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5468-040-T36-02-10	10	40	36	40		10	2	0,25	2	RO . X2006M0
 Cylindrical modular	M5468-040-TC16-02-10	10	40	28	40		10	2	0,15	2	RO . X2006M0
 DIN 1835 B	M5468-040-W40-02-10	10	40	40	119	190	10	2	1,44	2	RO . X2006M0
 Shell mill mount DIN 138 transverse keyway	M5468-063-B22-04-10	10	63	22	50		10	4	0,5	4	RO . X2006M0
	M5468-080-B27-05-10	10	80	27	50		10	5	0,96	5	
	M5468-100-B32-06-10	10	100	32	50		10	6	1,43	6	
	M5468-125-B40-07-10	10	125	40	63		10	7	2,89	7	

Bodies and assembly parts are included in the scope of delivery

D 2

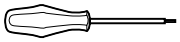
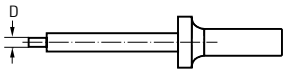
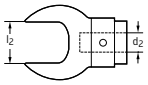
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_a [mm]	40–125
	Clamping screw for indexable insert Tightening torque	FS2614 (T20IP) 5 Nm

Accessories

	D_a [mm]	40	63–125
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)
	Torque wrench	FS1386	
	Torque wrench head	FS1392	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	ROGX2006M08-G88	G	8	20														☺	😐				
	ROHX2006M08-A57	H	8	20	☺	😐	☹	☹					☺	😐	😐	☹	☹						☺
	ROHX2006M08-D57	H	8	20				😐									☹							
	ROHX2006M0T8-A27	H	8	20				☹									☹							
	ROMX2006M08-D57	M	8	20		☺	😐	😐	☹	😐	😐	☹		😐	😐	☹	☹			😐	😐	☹	
	ROMX2006M0T8-A27	M	8	20		😐	☹	☹						😐	😐	☹	☹						

HC = beschichtetes Hartmetall
HW = unbeschichtetes Hartmetal

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

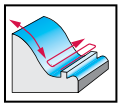
☺ 😐 ☹ / ★ = New addition to the product range

Profile milling cutters

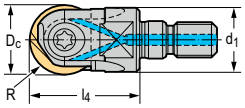
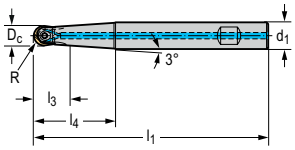
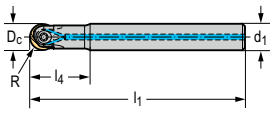
M5460 mm

Xtra·tec® XT

– Steel shank
– Length dimensions related to metric cutting diameters



	P	M	K	N	S	H	O
M5460	●●	●●	●●		●●	●●	●

Tool	Designation	D_c mm	R mm	d_1 mm	l_4 mm	l_1 mm	Z PCE	kg	No. of inserts PCE	Type
 Cylindrical modular	M5460-008-TC06-02-04	8	4	9,7	20		2	0,01	1	P320 . -D08
	M5460-010-TC06-02-05	10	5	9,7	25		2	0,01	1	P320 . -D10
	M5460-012-TC06-02-06	12	6	9,7	25		2	0,01	1	P320 . -D12
	M5460-016-TC08-02-08	16	8	14,5	25		2	0,02	1	P320 . -D16
	M5460-020-TC10-02-10	20	10	18,5	30		2	0,05	1	P320 . -D20
	M5460-025-TC12-02-12	25	12,5	22	35		2	0,08	1	P320 . -D25
	M5460-030-TC16-02-15	30	15	28	40		2	0,14	1	P320 . -D30
	M5460-032-TC16-02-16	32	16	28	40		2	0,14	1	P320 . -D32
 DIN 1835 B	M5460-008-W12-02-04	8	4	12	50	140	2	0,1	1	P320 . -D08
	M5460-010-W12-02-05	10	5	12	35	150	2	0,11	1	P320 . -D10
	M5460-012-W16-02-06	12	6	16	58,5	160	2	0,2	1	P320 . -D12
	M5460-016-W20-02-08	16	8	20	65	175	2	0,34	1	P320 . -D16
	M5460-020-W25-02-10	20	10	25	76	190	2	0,57	1	P320 . -D20
	M5460-025-W32-02-12	25	12,5	32	98	210	2	1,01	1	P320 . -D25
 Cylindrical shank	M5460-008-A10-02-04	8	4	10	25	110	2	0,05	1	P320 . -D08
	M5460-010-A12-02-05	10	5	12	30	130	2	0,1	1	P320 . -D10
	M5460-012-A12-02-06	12	6	12	32	130	2	0,09	1	P320 . -D12
	M5460-016-A16-02-08	16	8	16	36	140	2	0,2	1	P320 . -D16
	M5460-020-A20-02-10	20	10	20	45	160	2	0,32	1	P320 . -D20
	M5460-025-A25-02-12	25	12,5	25	45	160	2	0,42	1	P320 . -D25
	M5460-030-A32-02-15	30	15	32	56	175	2	0,89	1	P320 . -D30
	M5460-032-A32-02-16	32	16	32	56	175	2	0,9	1	P320 . -D32
	M5460-008-A08-02-04-C	8	4	8	25	70	2	0,02	1	P320 . -D08
	M5460-008-A08-02-04-C-L	8	4	8	55	100	2	0,03	1	
	M5460-008-A08-02-04-C-XL	8	4	8	105	150	2	0,05	1	
	M5460-010-A10-02-05-C	10	5	10	30	80	2	0,04	1	P320 . -D10
	M5460-010-A10-02-05-C-L	10	5	10	70	120	2	0,06	1	
	M5460-010-A10-02-05-C-XL	10	5	10	100	150	2	0,07	1	
	M5460-012-A12-02-06-C	12	6	12	32	90	2	0,07	1	P320 . -D12
	M5460-012-A12-02-06-C-L	12	6	12	87	145	2	0,18	1	
	M5460-012-A12-02-06-C-XL	12	6	12	142	200	2	0,27	1	
	M5460-016-A16-02-08-C	16	8	16	43	110	2	0,26	1	P320 . -D16
	M5460-016-A16-02-08-C-L	16	8	16	73	140	2	0,18	1	
	M5460-016-A16-02-08-C-XL	16	8	16	128	195	2	0,24	1	
	M5460-020-A20-02-10-C	20	10	20	47	130	2	0,49	1	P320 . -D20

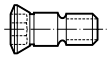
Bodies and assembly parts are included in the scope of delivery

D2

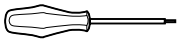
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	8	10	12	16	20	25	30–32
	Clamping screw for indexable insert Tightening torque	FS2070 (T8IP) 2 Nm	FS2071 (T15IP) 4 Nm	FS2072 (T20IP) 5 Nm	FS2073 (T20IP) 5 Nm	FS2074 (T20IP) 5 Nm	FS2075 (T20IP) 5 Nm	FS2107 (T30IP) 6 Nm

Accessories

	D_c [mm]	8	10	12–25	30–32
	Torque T-handle				FS2041
	Torque screwdriver, analogue	FS2003	FS2003	FS2003	
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2108 (T30IP)
	Screwdriver	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS2109 (T30IP)

Indexable inserts

	Designation	$D_c^{-0.03}$ mm	P HC WHH15X	P HC WKP25	P HC WKP35	P HC WSP46	P HC WSP46G	M HC WSM36	M HC WSP46	M HC WSP46G	K HC WHH15X	K HC WKP25	K HC WKP35	S HC WSM36	S HC WSP46	S HC WSP46G	H HC WHH15X
	P3201-D08	8	😊								😊						😊
	P3201-D10	10	😊	😐	☹						😊	😐	☹				😊
	P3201-D12	12	😊	😐	☹						😊	😐	☹				😊
	P3201-D16	16	😊	😐	☹						😊	😐	☹				😊
	P3201-D20	20	😊	😐	☹						😊	😐	☹				😊
	P3201-D25	25	😊	😐	☹						😊	😐	☹				😊
	P3201-D30	30	😊								😊						😊
	P3201-D32	32	😊								😊						😊
	P3204-D08	8				☹	☹	😐	☹	☹	😊			😐	☹	☹	😊
	P3204-D10	10				☹	☹	😐	☹	☹	😊			😐	☹	☹	😊
	P3204-D12	12				☹	☹	😐	☹	☹	😊			😐	☹	☹	😊
	P3204-D16	16				☹	☹	😐	☹	☹	😊			😐	☹	☹	😊
	P3204-D20	20				☹	☹	😐	☹	☹	😊			😐	☹	☹	😊
	P3204-D25	25				☹	☹	😐	☹	☹	😊			😐	☹	☹	😊
	P3204-D30	30				☹	☹	😐	☹	☹	😊			😐	☹	☹	😊
	P3204-D32	32				☹	☹	😐	☹	☹	😊			😐	☹	☹	😊

HC = beschichtetes Hartmetall

D2

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😐 → Moderate = ☹

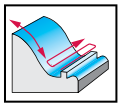
😊 😐 ☹ / ★ = New addition to the product range

Profile milling cutters

M5460 mm

Xtra·tec® XT

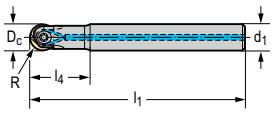
– Steel shank
– Length dimensions related to metric cutting diameters



	P	M	K	N	S	H	O
M5460	●●	●●	●●		●●	●●	●

Tool

Designation	D_c mm	R mm	d_1 mm	l_4 mm	l_1 mm	Z PCE	kg	No. of inserts PCE	Type
M5460-020-A20-02-10-C-L	20	10	20	107	190	2	0,39	1	P320 . -D20
M5460-025-A25-02-12-C	25	12,5	25	77	160	2	0,9	1	P320 . -D25
M5460-025-A25-02-12-C-L	25	12,5	25	167	250	2	1,44	1	



Cylindrical shank

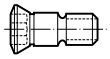
Bodies and assembly parts are included in the scope of delivery

D 2

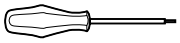
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	8	10	12	16	20	25	30–32
	Clamping screw for indexable insert Tightening torque	FS2070 (T8IP) 2 Nm	FS2071 (T15IP) 4 Nm	FS2072 (T20IP) 5 Nm	FS2073 (T20IP) 5 Nm	FS2074 (T20IP) 5 Nm	FS2075 (T20IP) 5 Nm	FS2107 (T30IP) 6 Nm

Accessories

	D_c [mm]	8	10	12–25	30–32
	Torque T-handle				FS2041
	Torque screwdriver, analogue	FS2003	FS2003	FS2003	
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2108 (T30IP)
	Screwdriver	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS2109 (T30IP)

Indexable inserts

	Designation	$D_c^{-0.03}$ mm	P HC WHH15X	P HC WKP25	P HC WKP35	P HC WSP46	P HC WSP46G	M HC WSM36	M HC WSP46	M HC WSP46G	K HC WHH15X	K HC WKP25	K HC WKP35	S HC WSM36	S HC WSP46	S HC WSP46G	H HC WHH15X
	P3201-D08	8	☺								☺						☺
	P3201-D10	10	☺	😐	☹						☺	😐	☹				☺
	P3201-D12	12	☺	😐	☹						☺	😐	☹				☺
	P3201-D16	16	☺	😐	☹						☺	😐	☹				☺
	P3201-D20	20	☺	😐	☹						☺	😐	☹				☺
	P3201-D25	25	☺	😐	☹						☺	😐	☹				☺
	P3201-D30	30	☺								☺						☺
	P3201-D32	32	☺								☺						☺
	P3204-D08	8				☹	☹	😐	☹	☹	☺			😐	☹	☹	☺
	P3204-D10	10				☹	☹	😐	☹	☹	☺			😐	☹	☹	☺
	P3204-D12	12				☹	☹	😐	☹	☹	☺			😐	☹	☹	☺
	P3204-D16	16				☹	☹	😐	☹	☹	☺			😐	☹	☹	☺
	P3204-D20	20				☹	☹	😐	☹	☹	☺			😐	☹	☹	☺
	P3204-D25	25				☹	☹	😐	☹	☹	☺			😐	☹	☹	☺
	P3204-D30	30				☹	☹	😐	☹	☹	☺			😐	☹	☹	☺
	P3204-D32	32				☹	☹	😐	☹	☹	☺			😐	☹	☹	☺

HC = beschichtetes Hartmetall

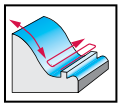
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

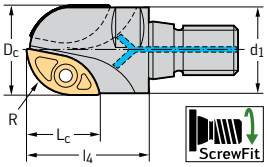
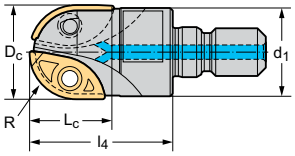
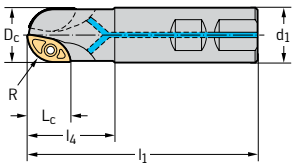
Copy milling cutters

F2339 mm

– With anti-twist protection
– 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2339	●●	●●	●●		●●	●	

Tool	Designation	D_c mm	R mm	d_1 mm	l_4 mm	l_1 mm	Z PCE	kg	No. of inserts PCE	Type
 ScrewFit	F2339.T14.016.Z02.11	16	8	14,5	25		2	0,03	2	XD . 1303080R
	F2339.T18.020.Z02.15	20	10	18,5	30		2	0,05	2	XD . T16T3100R
	F2339.T22.025.Z02.20	25	12,5	22	35		2	0,09	2	XD . T2004125R
	F2339.T28.030.Z02.24	30	15	28	40		2	0,15	2	XD . T2405150R
	F2339.T28.032.Z02.25	32	16	28	40		2	0,16	2	XD . T2506160R
	F2339.T36.040.Z02.31	40	20	36	50		2	0,31	2	XD . T3207200R
	F2339.T45.050.Z02.40	50	25	45	60		2	0,51	2	XD . 4009250R
 Cylindrical modular	F2339.TC08.016.Z02.11	16	8	14,5	25		2	0,03	2	XD . 1303080R
	F2339.TC10.020.Z02.15	20	10	18,5	30		2	0,04	2	XD . T16T3100R
	F2339.TC12.025.Z02.20	25	12,5	22	35		2	0,07	2	XD . T2004125R
	F2339.TC16.030.Z02.24	30	15	28	40		2	0,14	2	XD . T2405150R
	F2339.TC16.032.Z02.25	32	16	28	40		2	0,13	2	XD . T2506160R
 DIN 1835 B	F2339.W16.016.Z02.11	16	8	16	25	74	2	0,1	2	XD . 1303080R
	F2339.W20.020.Z02.15	20	10	20	35	90	2	0,18	2	XD . T16T3100R
	F2339.W25.025.Z02.20	25	12,5	25	40	105	2	0,32	2	XD . T2004125R
	F2339.W32.030.Z02.24	30	15	32	50	125	2	0,61	2	XD . T2405150R
	F2339.W32.032.Z02.25	32	16	32	50	125	2	0,62	2	XD . T2506160R
	F2339.W40.040.Z02.31	40	20	40	65	150	2	1,14	2	XD . T3207200R

Bodies and assembly parts are included in the scope of delivery

D2

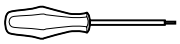
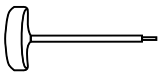
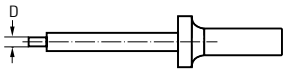
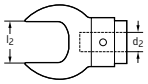
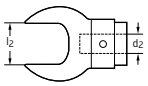
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

Assembly parts

	D_c [mm]	16	20	25	30–32	40	50
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm	FS1013 (T8) 1 Nm	FS378 (T15) 3 Nm	FS1165 (T20) 6 Nm	FS1164 (T25) 10 Nm	FS1152 (T30) 10 Nm

Accessories

	D_c [mm]	16	20	25	30	32	40	50
	Screwdriver for indexable insert	FS1483 (T8IP)	FS230 (T8)	FS229 (T15)				
	Handle key				FS1173 (T20)	FS1173 (T20)	FS1174 (T25)	FS1175 (T30)
	Torque screwdriver, analogue	FS2001	FS2001	FS2003				
	Torque screwdriver, digital	FS2248	FS2248	FS2248				
	Interchangeable blade						FS2045 (T25)	
	Torque T-handle				FS2041	FS2041	FS2041	FS2041
	Interchangeable blade	FS2012 (T8IP)	FS2007 (T8)	FS2009 (T15)	FS2044 (T20)	FS2044 (T20)	FS2044 (T20)	FS2046 (T30)
	Torque wrench	FS1385 FS1386	FS1385 FS1386	FS1385 FS1386	FS1386	FS1386	FS1386	FS1386
	Torque wrench	FS1388	FS1389	FS1390	FS1391	FS1392	FS1391	FS1393
	Torque wrench head							FS1394

Tool

	Designation	Tolerance class	Number of cutting edges	l_2 mm	l mm	s mm	α °	R mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSP45G
	XDGT1303079R-D57	G	2	8,5	13,12	3	15°	7,84				☹			☹						☹
	XDGT1303080R-D57	G	2	8,5	13,12	3	15°	8			☹							☹			
	XDGT16T3095R-D57	G	2	9	15,93	3,74	15°	9,53				☹			☹						☹
	XDGT16T3100R-D57	G	2	9	15,93	3,74	15°	10			☹	☹			☹			☹			☹
	XDGT2004125R-D57	G	2	11,3	19,94	4,68	15°	12,5			☹	☹			☹			☹			☹
	XDGT2004127R-D57	G	2	11,3	19,94	4,68	15°	12,7				☹			☹						☹
	XDGT2405150R-D57	G	2	13,5	23,94	5,62	15°	15			☹							☹			
	XDGT2506160R-D57	G	2	14,4	25,54	6	15°	16			☹	☹			☹			☹			☹
	XDGT3207200R-D57	G	2	18	31,95	7,5	15°	20			☹	☹			☹			☹			☹
	XDGT4009250R-D57	G	2	22,5	39,95	9,39	15°	25			☹	☹			☹			☹			☹
	XDMT1303079R-F55	M	2	8,5	13,12	3	15°	7,92				☹			☹						☹
	XDMT1303080R-F55	M	2	8,5	13,12	3	15°	8	☺	☹	☹	☹	☹		☹	☹	☹	☹	☹		☹
	XDMT16T3095R-F55	M	2	9	15,93	3,74	15°	9,53				☹			☹						☹
	XDMT16T3100R-F55	M	2	9	15,93	3,74	15°	10	☺	☹	☹	☹	☹		☹	☹	☹	☹	☹		☹
	XDMT2004125R-F55	M	2	11,3	19,94	4,68	15°	12,5	☺	☹	☹	☹	☹		☹	☹	☹	☹	☹		☹
	XDMT2004127R-F55	M	2	11,3	19,94	4,68	15°	12,7				☹			☹						☹
	XDMT2405150R-F55	M	2	13,5	23,94	5,62	15°	15	☺	☹	☹	☹	☹		☹	☹	☹	☹	☹		☹
	XDMT2506159R-F55	M	2	14,4	25,54	6	15°	15,88				☹			☹						☹
	XDMT2506160R-F55	M	2	14,4	25,54	6	15°	16	☺	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	XDMT3207200R-F55	M	2	18	31,95	7,5	15°	20	☺	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	XDMT4009250R-F55	M	2	22,5	39,95	9,39	15°	25	☺	☹	☹	☹			☹	☹	☹	☹			☹

HC = beschichtetes Hartmetall

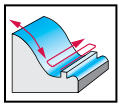
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☹

☺ ☹ ☹ / ★ = New addition to the product range

Copy milling cutters

F2339 mm

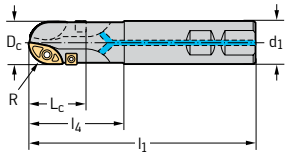
– With anti-twist protection
– 2 or 4 cutting edges per indexable insert, with peripheral cutting edges



	P	M	K	N	S	H	O
F2339	●●	●●	●●		●●	●	

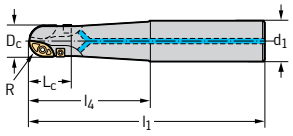
Tool

Designation	D_c mm	R mm	d_1 mm	l_4 mm	l_1 mm	Z PCE	kg	No. of inserts PCE	Type
F2339.W20.016.Z02.24	16	8	20	40	91	2	0,16	2 2	XD . 1303080R
F2339.W20.020.Z02.28	20	10	20	50	110	2	0,21	2 2	XD . T16T3100R
F2339.W25.025.Z02.32	25	12,5	25	55	130	2	0,4	2 2	XD . T2004125R
F2339.W32.030.Z02.42	30	15	32	70	160	2	0,77	2 2	XD . T2405150R
F2339.W32.032.Z02.43	32	16	32	70	160	2	0,79	2 2	XD . T2506160R
F2339.W40.040.Z02.57	40	20	40	90	190	2	1,43	2 2	XD . T3207200R



DIN 1835 B

F2339.Z25.020.Z02.28	20	10	25	75	150	2	0,44	2 2	XD . T16T3100R



Cylindrical shank

A feed of Z = 1 is to be expected at the full cutting depth L_c. | On tools with a parallel shank, the max. projection length is $5xD_c$ | Bodies and assembly parts are included in the scope of delivery

D2

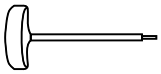
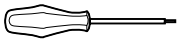
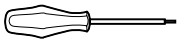
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

New addition to the product range = ☺ 😐 ☹ / ★

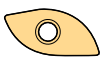
Assembly parts

	D_c [mm]	16	20	25	30–32	40
	Clamping screw for radius insert		FS1013 (T8) 1 Nm	FS378 (T15) 3 Nm	FS1165 (T20) 6 Nm	FS1164 (T25) 10 Nm
	Clamping screw for square insert Tightening torque	FS1454 (T8IP) 1,2 Nm	FS923 (T8) 0,8 Nm	FS923 (T8) 0,8 Nm	FS359 (T15) 2,5 Nm	FS1030 (T20) 5 Nm

Accessories

	D_c [mm]	16	20	25	30	32	40
	Handle key for radius insert				FS1173 (T20)	FS1173 (T20)	FS1174 (T25)
	Screwdriver for radius insert			FS229 (T15)	FS229 (T15)	FS229 (T15)	
	Screwdriver for square insert	FS1483 (T8IP)	FS230 (T8)	FS230 (T8)			FS228 (T20)
	Torque screwdriver, analogue	FS2001	FS2001	FS2001			
	Torque screwdriver, analogue			FS2003	FS2003	FS2003	
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248	
	Interchangeable blade	FS2012 (T8IP)	FS2007 (T8)	FS2007 (T8)			
	Interchangeable blade		FS2009 (T15)	FS2009 (T15)	FS2009 (T15)	FS2009 (T15)	FS2041

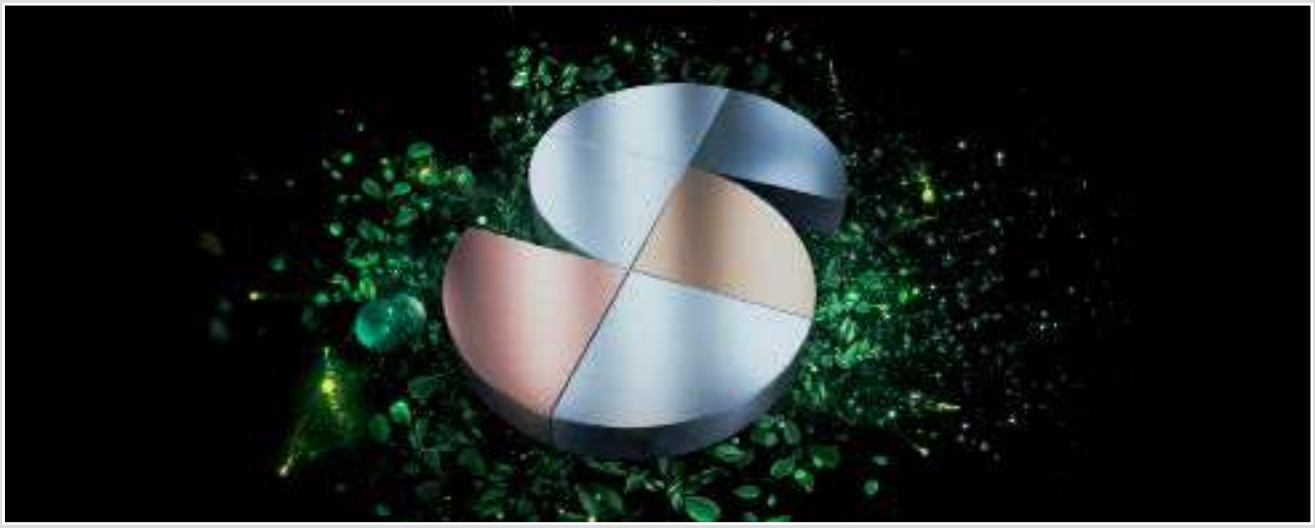
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	l_2 mm	r mm	α °	R mm	P HC				M HC		K HC			S HC	
								WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G	WSP45G
	SPMT060304-D51	M	4		0,4	11°		☺		😐	😟	😐	😟	😐		😟	😐	😟
	SPMT060304-F55	M	4		0,4	11°		☺	😐	😐	😟	😐	😟	😐	😐	😐	😐	😟
	SPMW060304T-A27	M	4		0,4	11°				😟						😟		
	SPMT09T308-D51	M	4		0,8	11°		☺		😐	😟	😐	😟	😐		😟	😐	😟
	SPMT09T308-F55	M	4		0,8	11°		☺	😐	😐	😟	😐	😟	😐	😐	😐	😐	😟
	SPMW09T308T-A27	M	4		0,8	11°				😟						😟		
	SPMW09T308-A57	M	4		0,8	11°				😟						😟		
	SPMT120408-D51	M	4		0,8	11°		☺		😐	😟	😐	😟	😐		😟	😐	😟
	SPMT120408-F55	M	4		0,8	11°		☺	😐	😐	😟	😐	😟	😐	😐	😐	😐	😟
	SPMW120408T-A27	M	4		0,8	11°				😟						😟		
	SPMW120408-A57	M	4		0,8	11°				😟						😟		
	XDGT1303080R-D57	G	2	8,5	0,5	15°	8			😐						😟		
	XDMT1303080R-F55	M	2	8,5	0,5	15°	8	☺	😐	😐	😟	😐	😟	😐	😐	😐	😐	😟
	XDGT16T3100R-D57	G	2	9	0,5	15°	10			😐	😟		😟			😟		😟
	XDMT16T3100R-F55	M	2	9	0,5	15°	10	☺	😐	😐	😟	😐	😟	😐	😐	😐	😐	😟
	XDGT2004125R-D57	G	2	11,3	0,6	15°	12,5			😐	😟		😟			😟		😟
	XDMT2004125R-F55	M	2	11,3	0,6	15°	12,5	☺	😐	😐	😟	😐	😟	😐	😐	😐	😐	😟
	XDGT2405150R-D57	G	2	13,5	0,8	15°	15			😐						😟		
	XDMT2405150R-F55	M	2	13,5	0,8	15°	15	☺	😐	😐	😟	😐	😟	😐	😐	😐	😐	😟
	XDGT2506160R-D57	G	2	14,4	0,8	15°	16			😐	😟		😟			😟		😟
	XDMT2506160R-F55	M	2	14,4	0,8	15°	16	☺	😐	😐	😟	😐	😟	😐	😐	😐	😐	😟
	XDGT3207200R-D57	G	2	18	1	15°	20			😐	😟		😟			😟		😟
	XDMT3207200R-F55	M	2	18	1	15°	20	☺	😐	😐	😟	😐	😟	😐	😐	😐	😐	😟

HC = beschichtetes Hartmetall

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = 😟

☺ 😐 😟 / ★ = New addition to the product range



Sustainable products and services – certified and transparent

Walter is a company that takes responsibility for people and the environment. Sustainability is a central component of our corporate strategy. It pervades our products and business divisions and is reviewed and certified by independent third parties on a regular basis.

Proven to be produced to high standards

All processes, procedures, methods and instruments that we use are checked and certified by an independent body according to strict criteria. Occupational health and safety, quality assurance and environmentally friendly actions (e.g. through CO_2 compensation of our energy use) are examples of this. Our social commitment shows that Walter has a broader definition of responsibility.

Transparency throughout the entire process chain – for your peace of mind

The integrated management system at Walter includes the sustainable use of resources and production equipment as well as of people – our customers, partners and employees. So that you can count on all of our products meeting these requirements throughout the entire process chain, we apply our own benchmarks to our suppliers too.

Certification

The integrated management system at Walter includes certification in accordance with:

- ISO 9001 (Quality management)
- ISO 14001 (Environmental management)
- ISO 45001 (Occupational health and safety management)
- ISO 50001 (Energy management)
- Certified according to Ecovadis Gold Standard and NQC rating

You can find more information on Walter certification here:

Occupational health and safety
Walter protects its employees against health hazards. To prevent accidents, we continuously review our processes and take proactive measures as a precaution.

Environmental and energy management
Environmental protection is an important company objective for Walter. We use energy efficiently and deploy practical methods to sustainably reduce the consumption of energy, water and resources.

Quality management
Walter is continuously improving its products and processes. We ensure our product quality using effective measures and procedures – and check it on a regular basis with our comprehensive quality management system.

Walter AG

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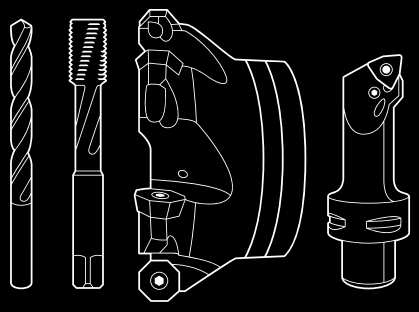

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