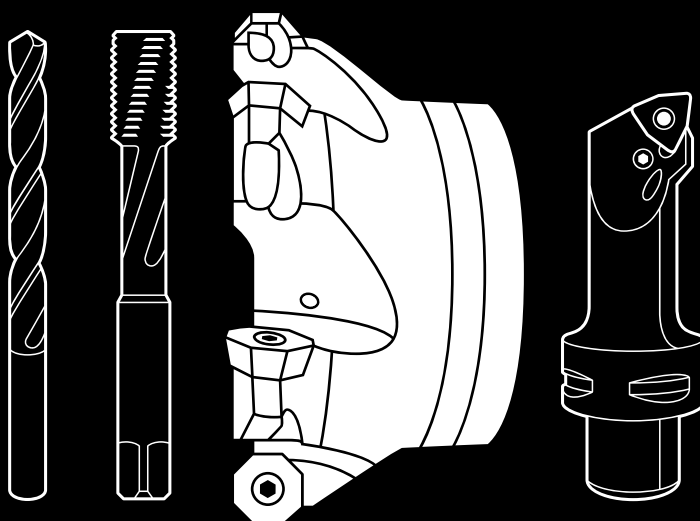


_ METAL IS OUR WORLD

Tools for Milling



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.

D - Milling

D1 - Solid carbide milling tools

Solid carbide milling tools	Program	Order pages
High-feed milling cutter	D 10	D 26
Shoulder milling cutters	D 11	D 31
Shoulder/slot milling cutters	D 14	D 72
Copy milling cutters	D 20	D 184
Profiling cutters	D 23	D 207
Circle segment milling cutters	D 25	D 213

Solid carbide milling tools with ConeFit interface	Program	Order pages
High-feed milling cutter	D 216	D 223
Shoulder milling cutters	D 217	D 229
Shoulder/slot milling cutters	D 218	D 233
Copy milling cutters	D 220	D 245
Profiling cutters	D 221	D 249
Circle segment milling cutters	D 222	D 258

Solid carbide milling tools with modular interface	Program	Order pages
Slot milling cutters	D 260	D 261
Chamfer cutter		D 268

PCD, ceramic and carbide-tipped milling tools	Program	Order pages
Shoulder milling cutters	D 270	D 276
Copy milling cutters	D 273	D 285
Shoulder/slot and high-feed milling cutters	D 274	D 286
ConeFit shoulder/slot and high-feed milling cutters	D 275	D 288

D2 - Milling tools with indexable inserts

Indexable inserts for milling	Order pages
Positive indexable inserts	D 291
Negative indexable inserts	D 326
Indexable inserts for tangential fitting	D 342

Indexable insert milling cutters	Program	Order pages
Face milling cutters	D 351	D 376
High-feed milling cutter	D 356	D 452
Shoulder milling cutters	D 358	D 476
Slot milling cutters	D 366	D 600
Copy milling cutters	D 370	D 646
Profiling cutters	D 374	D 706

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.

Groov-tec™

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

Krato-tec®

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

Tiger-tec® Gold

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

Tiger-tec® Silver

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

Thread-tec™

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

Thrill-tec™

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

Walter BLAXX

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

Walter Xpress

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

Walter Precision XT

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

Walter Boring XT

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

XD Technology

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

Xill-tec®

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

Xtra-tec®

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

Xtra-tec® XT

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

X-treme Evo

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

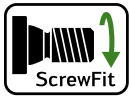
Technologies at Walter (continued)



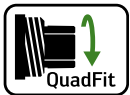
Walter Capto™ is a modular tool adaptor system. It is suitable for all turning, milling, drilling and threading processes. Its ISO-standardised polygon taper absorbs torsional moments and bending moments extremely well and ensures optimal repeat accuracy.



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



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



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



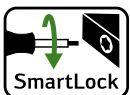
In turning and grooving operations, the Walter precision cooling system provides cooling at the centre of the chip formation. Its dual coolant jets are directed precisely onto the flank and rake faces. In drilling operations, the coolant jets exit close to the cutting edge. This system provides significantly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



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

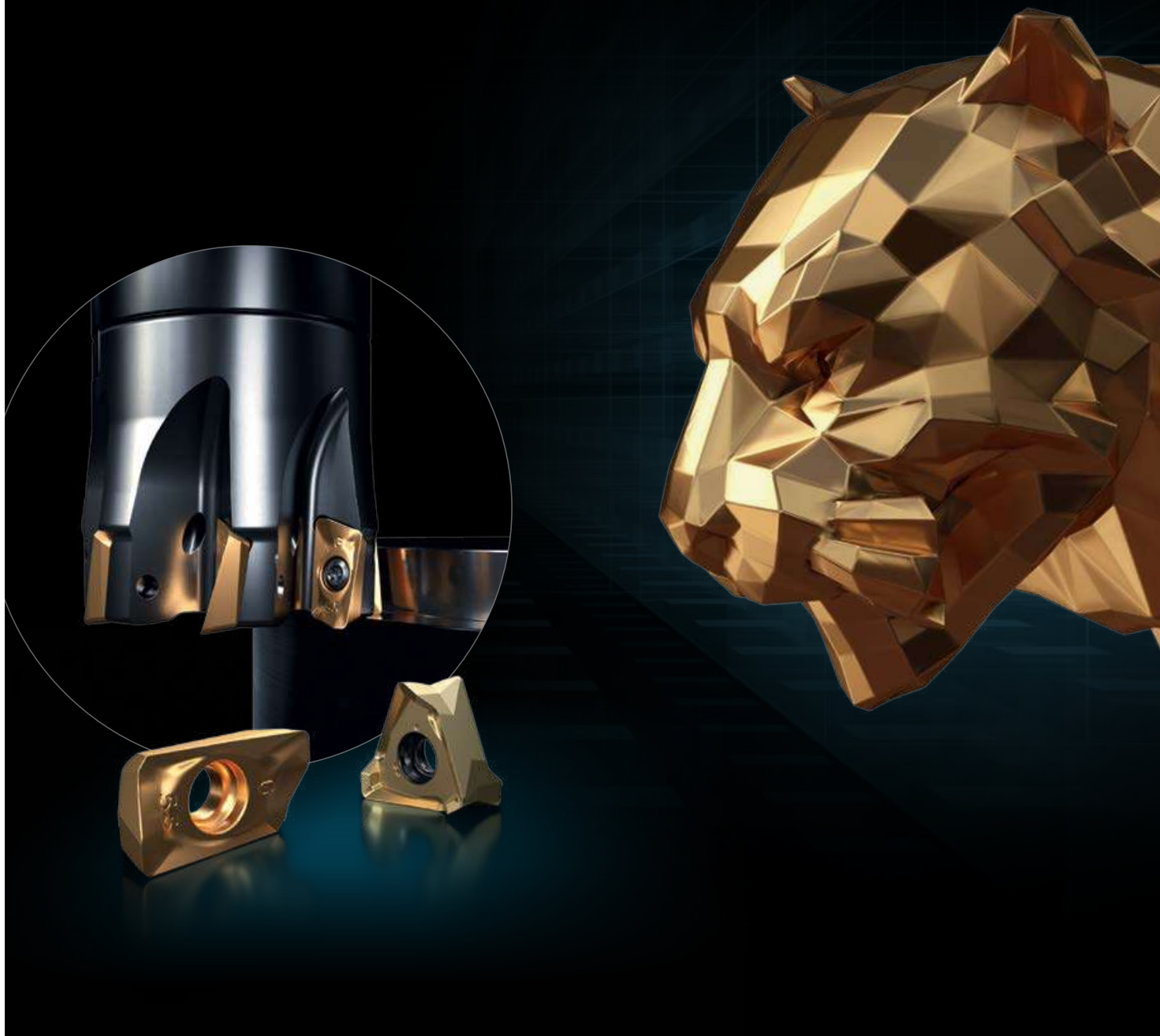


“Flash” refers to specialised solid carbide milling cutters for high-feed milling. Their end-face geometry reduces the chip thickness “h” and therefore enables an extremely high feed per tooth. Forces that occur are diverted axially towards the centre of the tool, which helps to stabilise the machining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




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

Tiger-tec[®]Gold



tigertec-gold.walter

 **WALTER**
Engineering Kompetenz

The structure of the new Walter General Catalogue

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

Milling tools with indexable inserts WALTER

Face milling cutters

Machining			
Lead angle k	45°	45°	45°
Designation	M5009 Xtra-tec® XT	M4003	M3024 Walter BLAXX
Diameter range [mm] [inch]	40-160 1,500-6,000	20-160 0,750-6,000	40-160 2,000-6,000
Boring bar/adaptor type			
DIN 1835 B			
Shell mill mount DIN 138	✓	✓	✓
ScrewFit	✓		
Cylindrical shank		✓	✓
Cylindrical modular			
Steep taper			
HSK			
NCT			
P Steel	●●	●●	●●
M Stainless steel	●●	●●	●●
K Cast iron	●●	●●	●●
N NF metals	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●
H Hard materials	●	●	●
O Other	●	●	●
Indexable inserts			
Number of cutting edges	8 / 2	4 / 1	14 / 2
Max. depth of cut [mm]	5 - 6	4,5 - 6,5	4 - 6
Page in catalogue	390	394	388
QR code			
www.walter-tools.com/wcc/	M5009	M4003	M3024
WALTER SELECT	●●	●●	●●
		●●	●●

Face milling cutters 329

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

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

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

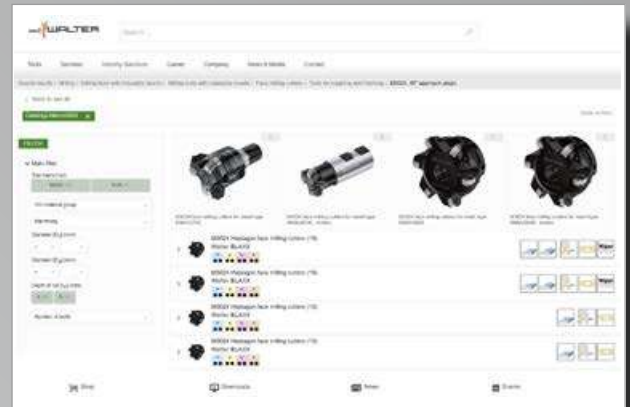
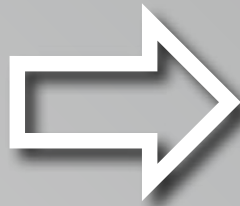
Indexable inserts and tools with these red icons are new to the range and are labelled in this way on the ordering page.

Scan the QR code

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



M3024

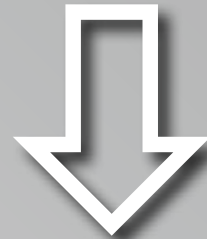


Direct link

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

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

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



Detailed overview of product data

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

Heptagon face milling cutters
M3024
Walter-BLXXX

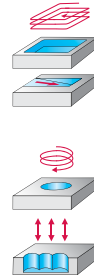
14 cutting edges per indexable insert

MO24

Key (explanation of symbols)

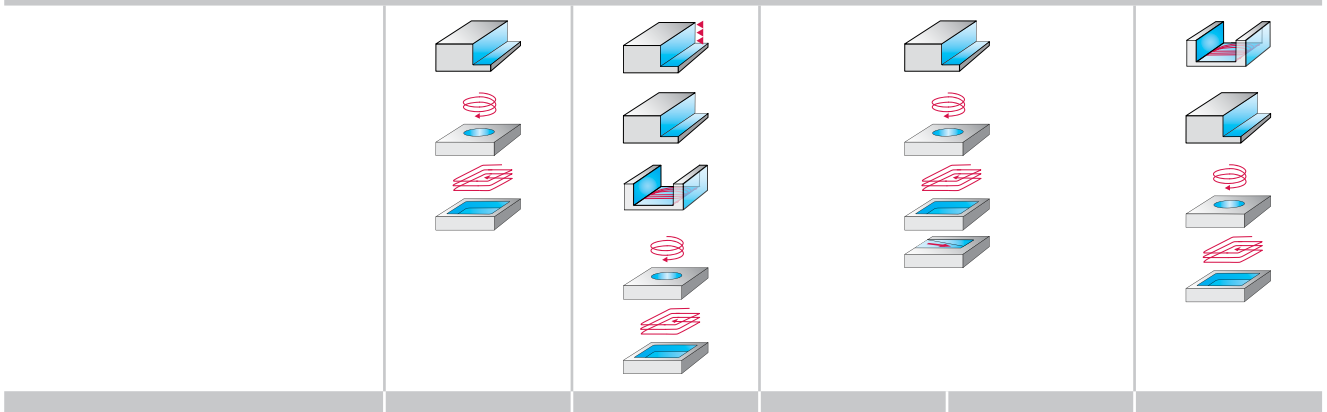
Designation	D ₁ mm	D ₂ mm	d ₁ mm	l ₁ mm	l ₂ mm
Parallel bore DIN 138 transverse keyway - x146° - metric (4)	83 - 125	75.96 - 137.96	22 - 40/40 B	40 - 63	6
MO24-950-852-05-06 Availability	83	75.96	22	40	6
MO24-950-827-05-06 Availability	80	92.96	27	50	9
MO24-120-823-07-08 Availability	100	112.96	32	50	6
MO24-125-840-05-06 Availability	125	137.96	40/40 E	63	6
Parallel bore DIN 138 transverse keyway - x146° - metric (3)	160	172.96	40/40 E	53	6

High-feed milling cutters



Designation	MC025 Advance	MD025 Supreme	MD025 Supreme	MC089 Advance
Diameter range	1–16	6–16	6–16	4–16
Number of teeth	2–4	5–6	5–6	4
Corner radius	0,1–2	0,5–2	0,5–2	0,5–2
Diameter range	0,125–0,625	0,250–0,625	0,250–0,625	—
Number of teeth	4	5–6	5–6	—
Corner radius	0,020–0,080	0,020–0,080	0,020–0,080	—
Standard	PWZ-NORM L STANDARD	PWZ-NORM L STANDARD	PWZ-NORM L STANDARD	DIN 6527 L
Coating / grade	WJ30TF	WJ30RD	WJ30RA	WB10TG
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel	●●	●●	●●	●●
M Stainless steel	●	●	●●	●●
K Cast iron	●	●	●●	●●
N NF metals	●	●	●	●
S Materials with difficult cutting properties	●	●	●●	●●
H Hard materials	●	●	●	●●
O Other	●	●	●	●
Page in catalogue	D 29	D 26	D 26	D 28
QR code				
www.walter-tools.com/woc/	MC025	MD025	MD025	MC089

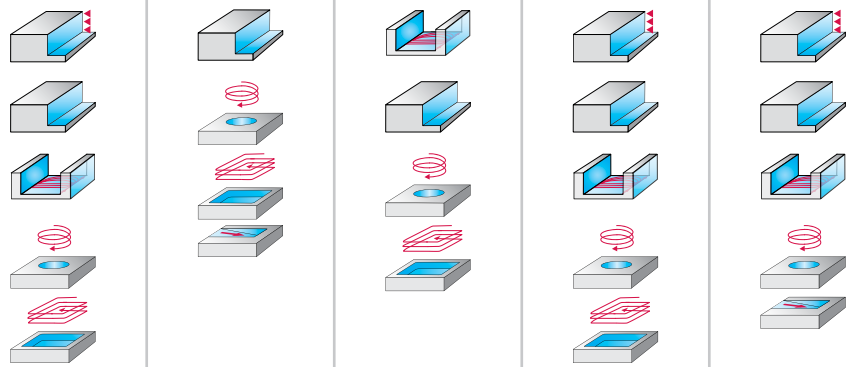
Shoulder milling cutters



Designation	MC129 Advance	MC128 Advance	MC112 Advance	MC111 Advance	MD133 Supreme
Diameter range	6–20	2–25	4–16	—	6–20
Number of teeth	6	4–8	4	—	5–6
Corner radius	—	0,5–4	0,5–2	—	0,3–1
Diameter range	—	0,250–0,750	—	0,094–0,750	0,250–0,750
Number of teeth	—	6–8	—	4	5–6
Corner radius	—	0,015–0,250	—	—	0,015–0,030
Standard	DIN 6527 L	DIN 6527 L STANDARD	PWZ-NORM XL PWZ-NORM L	STANDARD	PWZ-NORM L PWZ-NORM XL
Coating / grade	WJ30TF	WJ30TF	WJ30TF	WJ30TF	WJ30RD
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	Cylindrical shank	DIN 6535 HB
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●	●	●	●
N NF metals	—	—	—	●	—
S Materials with difficult cutting properties	●	●	●	●	—
H Hard materials	—	—	—	—	—
O Other	—	—	—	—	—
Page in catalogue	D 67	D 39	D 69	D 68	D 31
QR code					
www.walter-tools.com/woc/	MC129	MC128	MC112	MC111	MD133

D1

Shoulder milling cutters

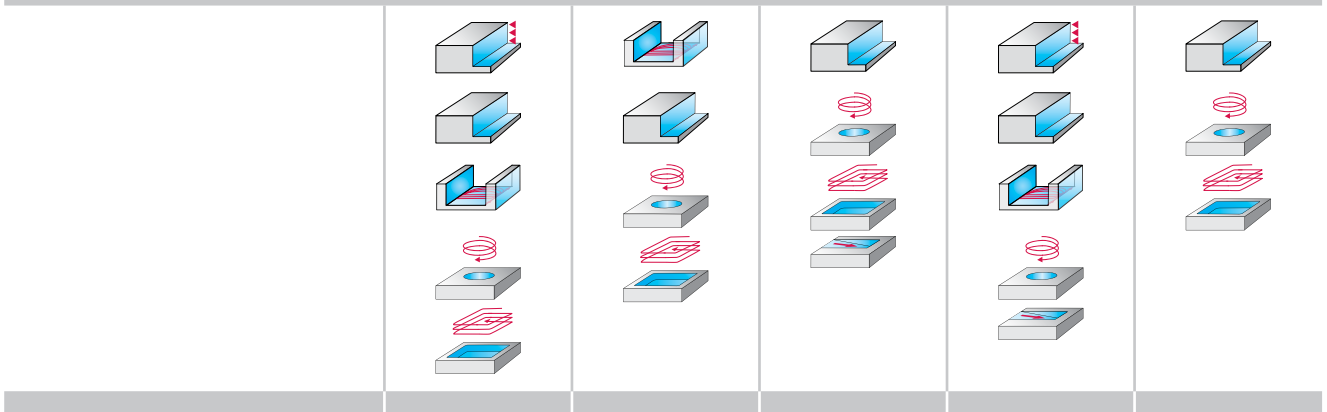


NEW



Designation	MD128 Supreme	Protostar®	MD133 Supreme	MD128 Supreme	MC166 Advance
Diameter range	6–25	0,4–3	6–20	6–25	2–20
Number of teeth	6–8	2	5–6	6–8	2–3
Corner radius	0,5–4	0,05–0,3	0,3–1	0,5–4	1–5
Diameter range	—	—	0,250–0,750	—	—
Number of teeth	—	—	5–6	—	—
Corner radius	—	—	0,015–0,030	—	—
Standard	PWZ-NORM	PWZ-NORM MINI	PWZ-NORM L PWZ-NORM XL	PWZ-NORM	P-NORM L PWZ-NORM L P-NORM XL PWZ-NORM XL
Coating / grade	WJ30RD	TAX	WJ30RA	WJ30RA	WJ30UU
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HB	DIN 6535 HA	DIN 6535 HA
P Steel	●●	●●		●●	
M Stainless steel			●●	●●	
K Cast iron	●				
N NF metals		●	●		●●
S Materials with difficult cutting properties			●	●●	
H Hard materials					
O Other					
Page in catalogue	D 37	D 71	D 31	D 37	D 43
QR code					
www.walter-tools.com/woc/	MD128	protostar	MD133	MD128	MC166

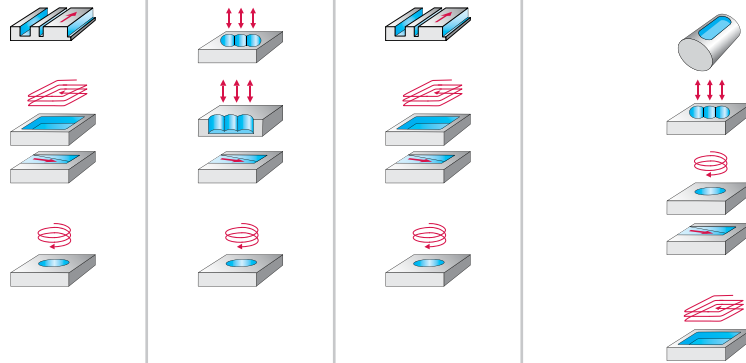
Shoulder milling cutters



Designation	MD177 Supreme	MD173 Supreme	Protostar® Ti	MC187 Advance	MC183 Advance
Diameter range	6–25	6–20	16–25	3–25	6–16
Number of teeth	7	7	4–5	4–8	6–16
Corner radius	0,3–1,25	0,3–1	3–4	0,5–3	—
Diameter range	0,187–1,000	0,250–1,000	—	0,125–0,750	—
Number of teeth	7	7	—	4–8	—
Corner radius	0,015–0,120	0,015–0,120	—	0,015–0,060	—
Standard	DIN 6527 L PWZ-NORM L PWZ-NORM XL STANDARD PWZ-NORM S	DIN 6527 L PWZ-NORM L PWZ-NORM XL STANDARD	PWZ-NORM XL	DIN 6527 L PWZ-NORM L STANDARD	DIN 6527 L
Coating / grade	WJ30EN	WJ30EN	ACN	WB10TG	WB10TG
Shank	DIN 6535 HA	DIN 6535 HB Cylindrical shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HB
P Steel	●	●			
M Stainless steel	●	●			
K Cast iron					
N NF metals					
S Materials with difficult cutting properties	●●	●●	●●	●	
H Hard materials				●●	●●
O Other					
Page in catalogue	D 48	D 55	D 61	D 62	D 66
QR code					
www.walter-tools.com/woc/	MD177	MD173	protostar-ti	MC187	MC183

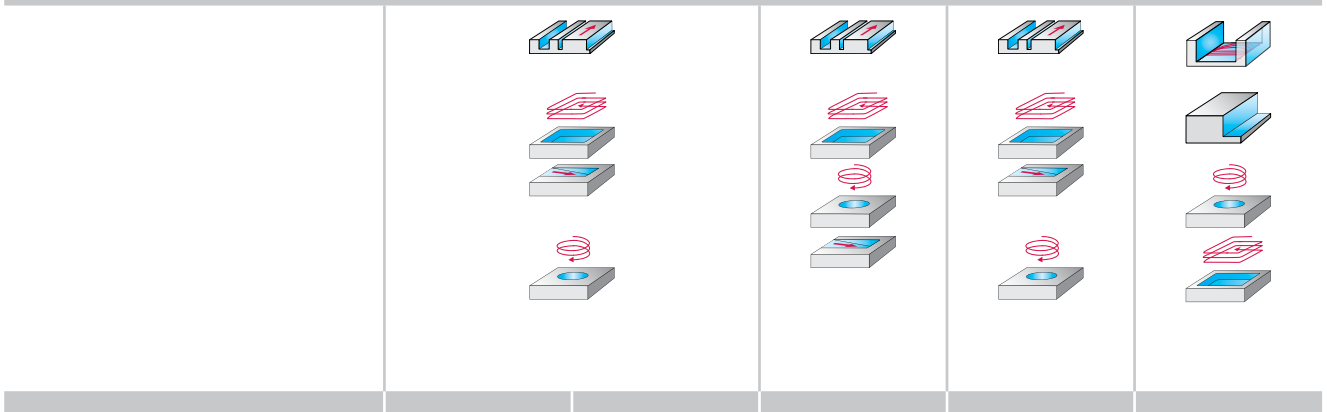
D1

Shoulder/slot milling cutters



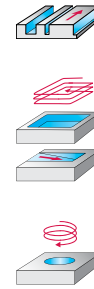
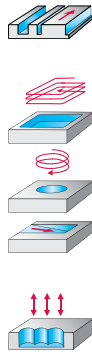
Designation	ME232 Perform	MD344 Supreme	MD340 Supreme	MC726 Supreme	MC716 Advance
Diameter range	2–20	6–20	2–25	2,8–16	1,8–20
Number of teeth	2–6	4	3–5	3–4	2–3
Corner radius	0,2–3	0,3–1	0,2–4	0,08–0,25	
Diameter range	0,125–0,750	—	0,063–0,750	—	—
Number of teeth	2–4		3–5		
Corner radius	0,015–0,125		0,015–0,060		
Standard	P-NORM L DIN 6527 L STANDARD P-NORM S	DIN 6527 L	P-NORM DIN 6527 L ANSI-STANDARD P-NORM L	DIN 6527 K	DIN 6527 K
Coating / grade	WJ30ED	WK40TP	WK40TP	WK40TF	WJ30TF
Shank	DIN 6535 HA DIN 6535 HB	DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HB
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●	●	●	●
N NF metals	●				
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Page in catalogue	D 168	D 73	D 74	D 138	D 162
QR code					
www.walter-tools.com/woc/	ME232	MD344	MD340	MC726	MC716

Shoulder/slot milling cutters



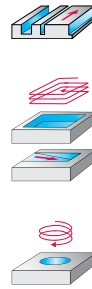
Designation	MC326 Supreme	MC321 Advance	MC320 Advance	MC319 Advance	MC233 Advance Xill-tec®
Diameter range	2–25	—	4–25	5–25	8–25
Number of teeth	3–5	—	3–8	4	4–8
Corner radius	0,2–4	—	0,2–0,4	0,2–0,4	—
Diameter range	0,125–0,750	0,125–0,500	0,250–0,750	—	—
Number of teeth	3–4	4	4	—	—
Corner radius	0,015–0,160	—	0,008–0,016	—	—
Standard	STUB STANDARD PWZ-NORM L DIN 6527 L LONG	STUB	DIN 6527 K DIN 6527 L STANDARD	DIN 6527 L	P-NORM L P-NORM XL
Coating / grade	WK40TF	WJ30TF	WK40TF	WK40TF	WK40TF
Shank	DIN 6535 HA DIN 6535 HB	Cylindrical shank	DIN 6535 HB	DIN 6535 HB	DIN 6535 HB
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●	●	●	●
N NF metals					●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Page in catalogue	D 120	D 158	D 165	D 164	D 156
QR code					
www.walter-tools.com/woc/	MC326	MC321	MC320	MC319	MC233

Shoulder/slot milling cutters



Designation	MC230 Advance Xill-tec®	MC213 Advance	MC341 Supreme	MC251 Advance	Proto-max™ _{Inox}
Diameter range	1–25	0,6–14,5	6–20	3–20	6–20
Number of teeth	2–8	2–4	4	4	4
Corner radius	0,2–4	0,06–1,5		0,2–6	0,5–4
Diameter range	—	—	—	—	0,250–0,750
Number of teeth					4
Corner radius					
Standard	DIN 6527 L P-NORM S P-NORM L DIN 6527 K P-NORM XL	PWZ-NORM XL PWZ-NORM L	PWZ-NORM	DIN 6527 L	DIN 6527 L DIN 6527
Coating / grade	WK40TF	WJ30TF	WK40TZ	WK40RC	TAA
Shank	DIN 6535 HA DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA DIN 6535 HB
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●●	●●
K Cast iron	●	●			
N NF metals	●				
S Materials with difficult cutting properties	●	●		●	●
H Hard materials					
O Other					
Page in catalogue	D 139	D 159	D 72	D 89	D 86
QR code					
www.walter-tools.com/woc/	MC230	MC213	MC341	MC251	protomax-inox

Shoulder/slot milling cutters



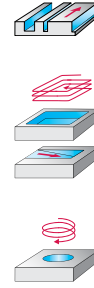
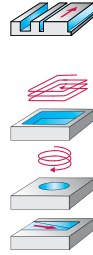
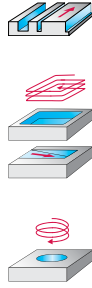
NEW

NEW



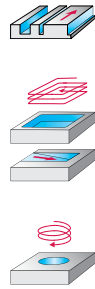
Designation	MD266 Supreme	MD265 Supreme	MD265 Supreme	MC267 Advance	MC267 Advance
Diameter range	2–25	16–25	16–25	1–20	1–20
Number of teeth	2–3	3	3	2–3	3
Corner radius	0,2–4	2–4	2–4	0,2–4	0,2–0,5
Diameter range	—	—	—	—	—
Number of teeth	—	—	—	—	—
Corner radius	—	—	—	—	—
Standard	DIN 6527 L P-NORM L P-NORM XL	DIN 6527 L P-NORM L P-NORM XL	DIN 6527 L P-NORM L P-NORM XL	DIN 6527 L	DIN 6527 L
Coating / grade	WJ30UU	WJ30UU	WJ30DD	WJ30UU	WJ30CA
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel					
M Stainless steel					
K Cast iron					
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties					
H Hard materials					
O Other					
Page in catalogue	D 91	D 100	D 100	D 95	D 95
QR code					
www.walter-tools.com/woc/	MD266	MD265	MD265	MC267	MC267

Shoulder/slot milling cutters



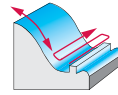
Designation	Protostar®	MD377 Supreme	MC377 Advance	MC388 Advance	MC281 Advance
Diameter range	2–20	6–25	2–25	2–12	1–4
Number of teeth	1–2	5	3–4	3–4	2
Corner radius		0,5–6,35	0,2–4	0,5–3	0,2–0,5
Diameter range	—	—	—	0,125–0,500	—
Number of teeth				3–4	
Corner radius				0,015–0,030	
Standard	PWZ-NORM L DIN 6527 L	DIN 6527 L	DIN 6527 L	DIN 6527 L PWZ-NORM L	PWZ-NORM MINI
Coating / grade	uncoated	WK40TZ	WK40EA	WB10TG	WB10TG
Shank	DIN 6535 HA	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA
P Steel			●	●	
M Stainless steel		●	●		
K Cast iron					
N NF metals	●●				
S Materials with difficult cutting properties		●●	●●		
H Hard materials				●●	●●
O Other					
Page in catalogue	D 102	D 106	D 107	D 109	D 115
QR code					
www.walter-tools.com/woc/	protostar	MD377	MC377	MC388	MC281

Shoulder/slot milling cutters



Designation	Protostar® Ultra	Protostar®
Diameter range	1–16	0,6–12
Number of teeth	2–4	2–4
Corner radius	0,1–2	0,05–1
Diameter range	—	—
Number of teeth	—	—
Corner radius	—	—
Standard	PWZ-NORM L PWZ-NORM MINI	PWZ-NORM L PWZ-NORM XL PWZ-NORM MINI
Coating / grade	TAX	DIA
Shank	DIN 6535 HA	DIN 6535 HA
P Steel		
M Stainless steel		
K Cast iron		
N NF metals		
S Materials with difficult cutting properties		
H Hard materials	● ●	
O Other		● ●
Page in catalogue	D 114	D 117
QR code		
www.walter-tools.com/woc/	protostar-ultra	protostar

Copy milling cutters



NEW

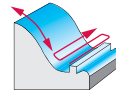


Designation	ME432 Perform	MC416 Advance	MC413 Advance	Protostar®	MC467 Advance
Diameter range	1–20	1–20	1–16	0,3–3	2–16
Number of teeth	2–4	2–4	2–4	2	2
Corner radius	0,5–10	0,5–10	0,5–8	0,15–1,5	1–8
Diameter range	0,063–0,625	0,063–0,500	—	—	—
Number of teeth	4	4	—	—	—
Corner radius	0,031–0,313	0,031–0,250	—	—	—
Standard	DIN 6527 L STANDARD	PWZ-NORM L STANDARD DIN 6527 L	PWZ-NORM L PWZ-NORM XL	PWZ-NORM MINI	PWZ-NORM L
Coating / grade	WJ30ED	WJ30TF	WJ30TF	TAX	WJ30UU
Shank	DIN 6535 HA	DIN 6535 HA DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel	●●	●●	●●	●●	
M Stainless steel	●	●	●		
K Cast iron	●	●	●		
N NF metals	●	●	●	●	●●
S Materials with difficult cutting properties	●	●	●		
H Hard materials					
O Other					
Page in catalogue	D 203	D 197	D 200	D 185	D 206
QR code					
www.walter-tools.com/woc/	ME432	MC416	MC413	protostar	MC467

WALTER SELECT

●● Primary application ● Other application

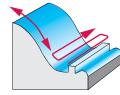
Copy milling cutters



Designation	Protostar®	MC482 Advance	MC480 Advance	Proto-max™Ultra	Protostar® Ultra
Diameter range	2–16	1–16	0,4–5	1–10	1–10
Number of teeth	2	2–4	2	2	2
Corner radius	1–8	0,5–8	0,2–2,5	0,5–5	0,5–5
Diameter range	—	—	—	—	—
Number of teeth	—	—	—	—	—
Corner radius	—	—	—	—	—
Standard	PWZ-NORM L	DIN 6527 K DIN 6527 L PWZ-NORM XL	PWZ-NORM MINI	PWZ-NORM L PWZ-NORM MINI	DIN 6527 L PWZ-NORM L
Coating / grade	uncoated	WB10TG	WB10TG	TAS	TAX
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel					
M Stainless steel					
K Cast iron					
N NF metals	●●				
S Materials with difficult cutting properties					
H Hard materials		●●	●●	●●	●●
O Other					
Page in catalogue	D 184	D 186	D 191	D 194	D 192
QR code					
www.walter-tools.com/woc/	protostar	MC482	MC480	protomax-ultra	protostar-ultra

D1

Copy milling cutters



Designation	Protostar®
Diameter range	0,3–3
Number of teeth	2
Corner radius	0,15–1,5
Diameter range	—
Number of teeth	
Corner radius	
Standard	PWZ-NORM MINI
Coating / grade	DIA
Shank	DIN 6535 HA
P Steel	●●
M Stainless steel	●
K Cast iron	●
N NF metals	●
S Materials with difficult cutting properties	●
H Hard materials	●
O Other	●●
Page in catalogue	D 196

QR code



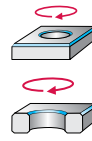
www.walter-tools.com/woc/

protostar

WALTER SELECT

●● Primary application ● Other application

Profiling cutters



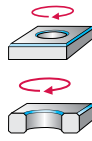
Designation	MC504 Advance	MC503 Advance	MC502 Advance	MC501 Advance	MC500 Advance
Diameter range	6–12	6–20	10	6–12	6–10
Number of teeth	4–6	3–4	4	4–6	4
Corner radius					
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard	PWZ-NORM L	DIN 6527 L	PWZ-NORM L	PWZ-NORM L	PWZ-NORM L
Coating / grade	WJ30TF	WJ30TF	WJ30TF	WJ30TF	WJ30TF
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●	●	●	●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Page in catalogue	D 211	D 210	D 209	D 208	D 207
QR code					
www.walter-tools.com/woc/	MC504	MC503	MC502	MC501	MC500

WALTER SELECT

●● Primary application ● Other application

D1

Profiling cutters



Designation	Protostar®	
Diameter range	—	
Number of teeth	—	
Corner radius	—	
Diameter range	0,250–0,500	
Number of teeth	4–6	
Corner radius	—	
Standard	STANDARD	
Coating / grade	TAX	
Shank	Cylindrical shank	
P Steel	●●	
M Stainless steel	●	
K Cast iron	●	
N NF metals	●	
S Materials with difficult cutting properties	●	
H Hard materials		
O Other		

Page in catalogue D 212

QR code



www.walter-tools.com/woc/

protostar

Circle segment milling cutters

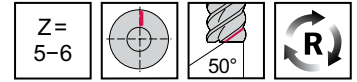
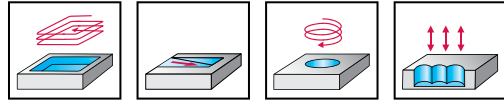


Designation	MD839 Supreme	MD838 Supreme	MD839 Supreme	MD838 Supreme
Diameter range	6–16	6–16	6–16	6–16
Number of teeth	4	4–8	4	4–8
Corner radius	1–4	0,5–4	1–4	0,5–4
Diameter range	—	—	—	—
Number of teeth	—	—	—	—
Corner radius	—	—	—	—
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30RD	WJ30RD	WJ30RA	WJ30RA
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel	●●	●●	●●	●●
M Stainless steel			●●	●●
K Cast iron	●	●		
N NF metals			●	●
S Materials with difficult cutting properties			●●	●●
H Hard materials				
O Other				
Page in catalogue	D 214	D 213	D 214	D 213
QR code				
www.walter-tools.com/woc/	MD839	MD838	MD839	MD838

D1

Solid carbide high-feed milling cutter

MD025 Supreme



	P	M	K	N	S	H	O
WJ30RA		●●		●	●●		
WJ30RD	●●		●				

Tool	Designation	D_c	L_c	x_f	R_f	R_{ers}	R	l_3	l_1	l_4	d_1	Z	WJ30RA	WJ30RD
		h9 mm	mm	mm	mm	mm	mm	mm	mm	mm	h6 mm		☺	☹
	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	☺	☹

DIN 6535 HA

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30RA: MD025-06.0A5B050C-WJ30RA

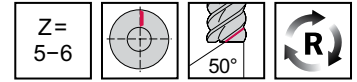
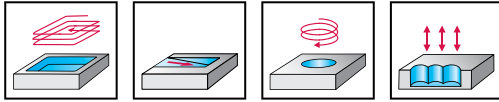
D1

WALTER SELECT ●● Primary application ● Other application

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

Solid carbide high-feed milling cutter

MD025 Supreme inch



	P	M	K	N	S	H	O
WJ30RA		●●		●	●●		
WJ30RD	●●		●				

Tool	Designation	D_c	L_c	x_f	R_f	R_{ers}	R	l_3	l_1	l_4	d_1	Z	WJ30RA	WJ30RD
		h9 inch	inch	inch	inch	inch	inch	inch	inch	inch	h6 inch		☺	☹
<p>Cylindrical shank</p>	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

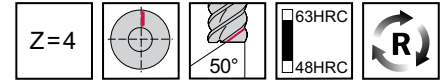
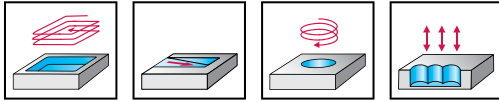
D1

WALTER SELECT ●● Primary application ● Other application

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

Solid carbide high-feed milling cutter

MC089 Advance



	P	M	K	N	S	H	O
WB10TG						●●	

Tool	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	☺

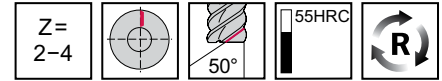
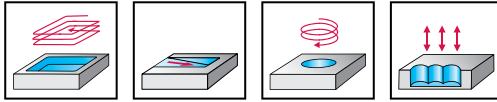
DIN 6535 HA

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WB10TG: MC089-04.0A4B050-WB10TG

D1

Solid carbide high-feed milling cutter

MC025 Advance



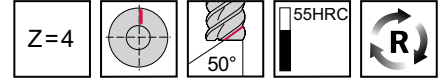
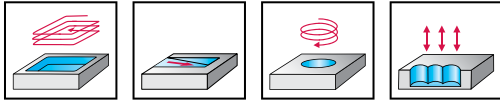
	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool		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
<p>DIN 6535 HA</p>	Designation											
	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

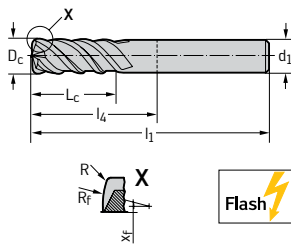
Solid carbide high-feed milling cutter

MC025 Advance inch



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool



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	☺

Cylindrical shank

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30TF: MC025.12.7A4D152-WJ30TF

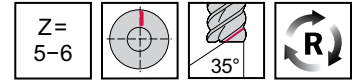
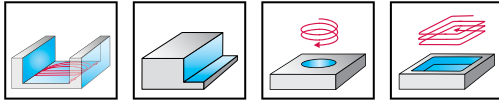
D1

Solid carbide shoulder milling cutters

MD133 Supreme



- Chip breaker



	P	M	K	N	S	H	O
WJ30RA		●●		●	●		
WJ30RD	●●		●				

Tool		D _c h10 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30RA	WJ30RD
<p>DIN 6535 HB</p>	Designation									
	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	☺	☺

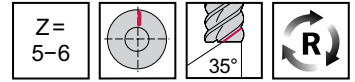
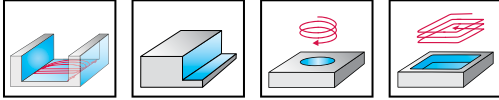
Shoulder milling $a_e \leq 0,10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0,03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133-06.0W5L030J-WJ30RA

Solid carbide shoulder milling cutters

MD133 Supreme



- Chip breaker
- Long reach



	P	M	K	N	S	H	O
WJ30RA		●●		●	●		
WJ30RD	●●		●				

Tool		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
<p>DIN 6535 HB</p>	Designation											
	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	☺	☺

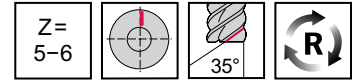
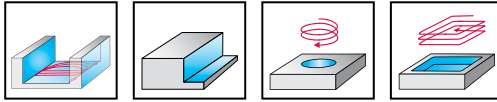
Shoulder milling $a_e \leq 0,10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0,03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133-06.0W5L030D-WJ30RA

Solid carbide shoulder milling cutters

MD133 Supreme inch



- Chip breaker
- Long reach



	P	M	K	N	S	H	O
WJ30RA		●●		●	●		
WJ30RD	●●		●				

Tool	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

WALTER SELECT ●● Primary application ● Other application

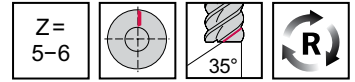
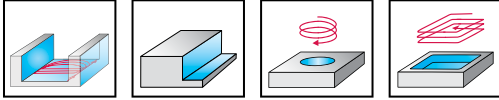
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MD133 Supreme



- Chip breaker



	P	M	K	N	S	H	O
WJ30RA		●●		●	●		
WJ30RD	●●		●				

Tool	Designation	D _c h10 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30RA	WJ30RD
<p>DIN 6535 HB</p>	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	☺	☺

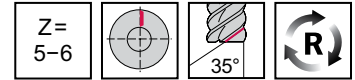
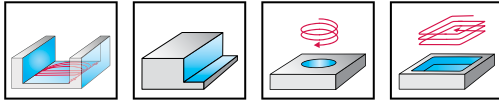
Shoulder milling $a_e \leq 0,05 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0,025 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133-06.0W5L030K-WJ30RA

Solid carbide shoulder milling cutters

MD133 Supreme



- Chip breaker



	P	M	K	N	S	H	O
WJ30RA		●●		●	●		
WJ30RD	●●		●				

Tool	Designation	D _c h10 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30RA	WJ30RD
									☺	☹
<p>DIN 6535 HB</p>	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	☺	☹

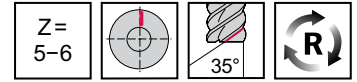
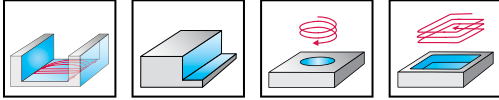
Shoulder milling $a_e \leq 0,03 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0,015 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133-06.0W5X030L-WJ30RA

Solid carbide shoulder milling cutters

MD133 Supreme inch



- Chip breaker



	P	M	K	N	S	H	O
WJ30RA		●●		●	●		
WJ30RD	●●		●				

Tool		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
	Designation										
	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	☺	☺

DIN 6535 HB

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

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★

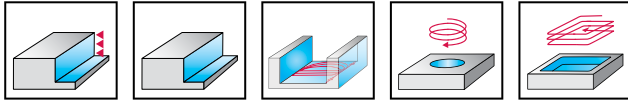
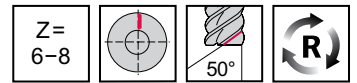
●● Primary application ● Other application

Solid carbide shoulder milling cutters

MD128 Supreme



- Type N 50



	P	M	K	N	S	H	O
WJ30RA		●●			●●		
WJ30RD	●●		●				

Tool		D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30RA	WJ30RD
<p>DIN 6535 HA</p>	Designation									
	MD128-06.0A6LJ-	6	0,1	18	65	29	6	6	☺	☺
	MD128-08.0A6LJ-	8	0,1	24	68	32	8	6	☺	☺
	MD128-10.0A6LJ-	10	0,1	30	80	40	10	6	☺	☺
	MD128-12.0A6LJ-	12	0,1	36	93	48	12	6	☺	☺
	MD128-16.0A6LJ-	16	0,15	48	115	67	16	6	☺	☺
	MD128-20.0A8LJ-	20	0,15	60	125	75	20	8	☺	☺
MD128-25.0A8LJ-	25	0,15	75	150	94	25	8	☺	☺	

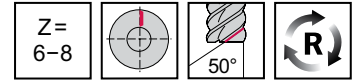
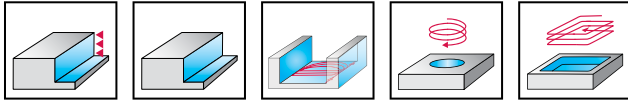
Shoulder milling $a_e \leq 0,05 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0,03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD128-06.0A6LJ-WJ30RA

Solid carbide shoulder milling cutters

MD128 Supreme



- Type N 50



	P	M	K	N	S	H	O
WJ30RA		●●			●●		
WJ30RD	●●		●				

Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	Material	
									WJ30RA	WJ30RD
<p>DIN 6535 HA</p>	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

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★

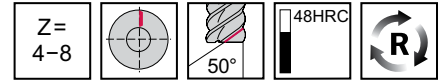
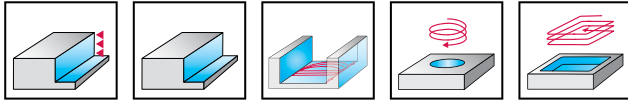
●● Primary application ● Other application

Solid carbide shoulder milling cutters

MC128 Advance



- Type N 50



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool		D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30TF
<p>DIN 6535 HA</p>	MC128-02.0A4B-	2	0,1	7	57	21	6	4	☺
	MC128-03.0A4B-	3	0,1	8	57	21	6	4	☺
	MC128-04.0A4B-	4	0,1	11	57	21	6	4	☺
	MC128-05.0A5B-	5	0,1	13	57	21	6	5	☺
	MC128-06.0A6B-	6	0,1	13	57	21	6	6	☺
	MC128-08.0A6B-	8	0,1	19	63	27	8	6	☺
	MC128-10.0A6B-	10	0,1	22	72	32	10	6	☺
	MC128-12.0A6B-	12	0,1	26	83	38	12	6	☺
	MC128-16.0A6B-	16	0,15	32	92	44	16	6	☺
	MC128-20.0A8B-	20	0,15	38	104	54	20	8	☺
MC128-25.0A8B-	25	0,15	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

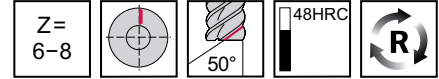
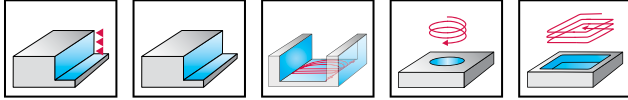
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MC128 Advance



- Type N 50



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30TF
<p>DIN 6535 HA</p>	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

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

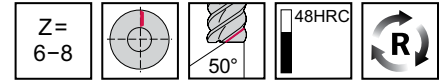
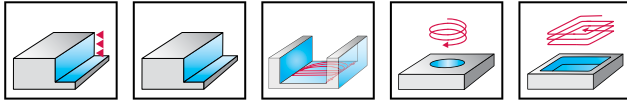
●● Primary application ● Other application

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 ₁₁ inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ inch	Z	WJ30TF
<p>Cylindrical shank</p>	MC128.6.35A6C-	0,2500	0,004	0,500	2,500	1,083	0,250	6	☺
	MC128.9.53A6C-	0,3750	0,004	0,500	2,500	0,937	0,375	6	☺
<p>Cylindrical shank</p>	MC128.9.53A6D-	0,3750	0,004	1,000	3,000	1,437	0,375	6	☺
	MC128.12.7A6D-	0,5000	0,006	1,250	3,500	1,717	0,500	6	☺
	MC128.12.7A6DI-	0,5000	0,006	1,000	3,500	1,717	0,500	6	☺
	MC128.15.9A6D-	0,6250	0,006	1,625	4,000	2,094	0,625	6	☺
<p>Cylindrical shank</p>	MC128.15.9A6DI-	0,6250	0,006	1,250	4,000	2,094	0,625	6	☺
	MC128.19.1A8D-	0,7500	0,006	1,625	4,500	2,468	0,750	8	☺
<p>Cylindrical shank</p>	MC128.6.35A6L-	0,2500	0,004	1,000	3,000	1,583	0,250	6	☺
	MC128.19.1A8L-	0,7500	0,006	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

WALTER SELECT ●● Primary application ● Other application

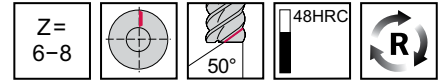
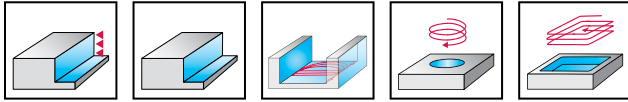
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide shoulder milling cutters

MC128 Advance inch



- Type N 50



	P	M	K	N	S	H	O
WJ30TF	●●	●	●		●		

Tool	Designation	D _c h9 inch	R inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WJ30TF
<p>Cylindrical shank</p>	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

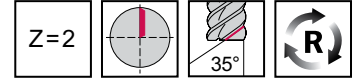
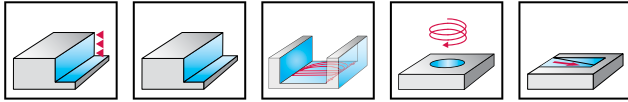
D1

WALTER SELECT ●● Primary application ● Other application

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ / ★

Solid carbide shoulder milling cutters

MC166 Advance



WJ30UU	P	M	K	N	S	H	O
--------	---	---	---	---	---	---	---

Tool	Designation	D _c h10 mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30UU
<p>DIN 6535 HA</p>	★ MC166-02.0A2L-	2	8	38	10	3	2	☺
	★ MC166-03.0A2L-	3	12	38	10	3	2	☺
	★ MC166-04.0A2L-	4	14	50	22	4	2	☺
	★ MC166-05.0A2L-	5	16	57	21	6	2	☺
	★ MC166-06.0A2L-	6	22	65	29	6	2	☺
	★ MC166-08.0A2L-	8	28	80	44	8	2	☺
	★ MC166-10.0A2L-	10	32	90	50	10	2	☺
	★ MC166-12.0A2L-	12	38	100	55	12	2	☺
	★ MC166-16.0A2L-	16	50	115	67	16	2	☺
	★ MC166-20.0A2L-	20	50	125	75	20	2	☺

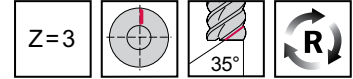
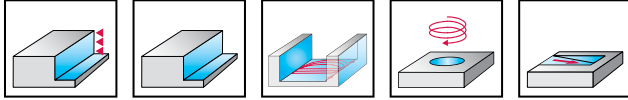
Ordering example for the grade WJ30UU: MC166-02.0A2L-WJ30UU

Solid carbide shoulder milling cutters

MC166 Advance



- Long reach



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool	Designation	D _c h10 mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30UU
<p>DIN 6535 HA</p>	★ MC166-03.0A3LD-	3	15	15		65	29	6	3	☹
	★ MC166-04.0A3LD-	4	20	20		65	29	6	3	☹
	★ MC166-05.0A3LD-	5	25	25		65	29	6	3	☹
	★ MC166-06.0A3LD-	6	21	27	5,5	65	29	6	3	☹
	★ MC166-08.0A3LD-	8	28	40	7,5	80	44	8	3	☹
	★ MC166-10.0A3LD-	10	35	43	9,5	85	45	10	3	☹
	★ MC166-12.0A3LD-	12	42	52	11,4	100	55	12	3	☹
	★ MC166-16.0A3LD-	16	56	70	15,2	121	73	16	3	☹

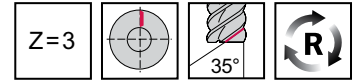
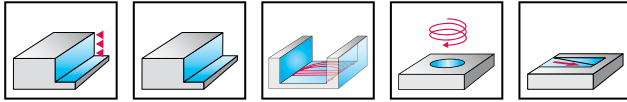
Ordering example for the grade WJ30UU: MC166-03.0A3LD-WJ30UU

Solid carbide shoulder milling cutters

MC166 Advance



- Long reach



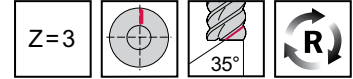
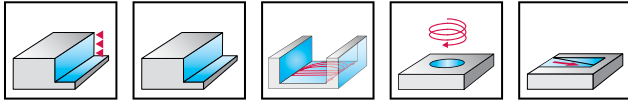
	P	M	K	N	S	H	O
WJ30UU				●●			

Tool		D _c h9 mm	R mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30UU
<p>DIN 6535 HA</p>	Designation										
	MC166-12.0A3L100D-	12	1	42	52	11,4	100	55	12	3	☺
	MC166-12.0A3L200D-	12	2	42	52	11,4	100	55	12	3	☺
	MC166-12.0A3L300D-	12	3	42	52	11,4	100	55	12	3	☺
	MC166-12.0A3L400D-	12	4	42	52	11,4	100	55	12	3	☺
	MC166-15.0A3L300D-	15	3	52	64	14,3	115	67	16	3	☺
	MC166-15.0A3L400D-	15	4	52	64	14,3	115	67	16	3	☺
	MC166-16.0A3L100D-	16	1	56	70	15,2	121	73	16	3	☺
	MC166-16.0A3L200D-	16	2	56	70	15,2	121	73	16	3	☺
	MC166-16.0A3L300D-	16	3	56	70	15,2	121	73	16	3	☺
	MC166-16.0A3L400D-	16	4	56	70	15,2	121	73	16	3	☺
	MC166-16.0A3L500D-	16	5	56	70	15,2	121	73	16	3	☺
	MC166-20.0A3L100D-	20	1	70	88	19	141	91	20	3	☺
	MC166-20.0A3L200D-	20	2	70	88	19	141	91	20	3	☺
	MC166-20.0A3L300D-	20	3	70	88	19	141	91	20	3	☺
	MC166-20.0A3L400D-	20	4	70	88	19	141	91	20	3	☺
MC166-20.0A3L500D-	20	5	70	88	19	141	91	20	3	☺	

Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30UU: MC166-12.0A3L100D-WJ30UU

Solid carbide shoulder milling cutters

MC166 Advance



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool	Designation	D _c h10 mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30UU
<p>DIN 6535 HA</p>	★ MC166-06.0A3XL-	6	30	75	39	6	3	☹
	★ MC166-08.0A3XL-	8	40	100	64	8	3	☹
	★ MC166-10.0A3XL-	10	50	100	60	10	3	☹
	★ MC166-12.0A3XL-	12	60	118	73	12	3	☹
	★ MC166-16.0A3XL-	16	80	145	97	16	3	☹

Ordering example for the grade WJ30UU: MC166-06.0A3XL-WJ30UU

D1

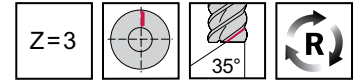
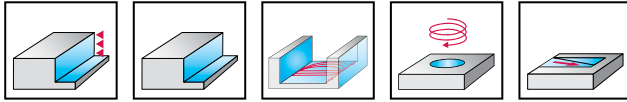
WALTER SELECT

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★

●● Primary application ● Other application

Solid carbide shoulder milling cutters

MC166 Advance



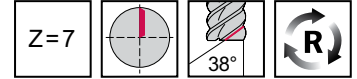
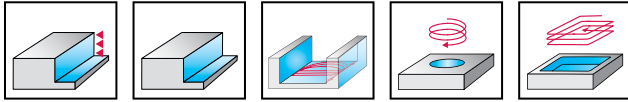
	P	M	K	N	S	H	O
WJ30UU				●●			

Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30UU
<p>DIN 6535 HA</p>	MC166-12.0A3X100L-	12	1	60	118	73	12	3	☺
	MC166-12.0A3X200L-	12	2	60	118	73	12	3	☺
	MC166-12.0A3X300L-	12	3	60	118	73	12	3	☺
	MC166-12.0A3X400L-	12	4	60	118	73	12	3	☺
	MC166-15.0A3X300L-	15	3	75	139	91	16	3	☺
	MC166-15.0A3X400L-	15	4	75	139	91	16	3	☺
	MC166-16.0A3X100L-	16	1	80	145	97	16	3	☺
	MC166-16.0A3X200L-	16	2	80	145	97	16	3	☺
	MC166-16.0A3X300L-	16	3	80	145	97	16	3	☺
	MC166-16.0A3X400L-	16	4	80	145	97	16	3	☺
	MC166-16.0A3X500L-	16	5	80	145	97	16	3	☺
	MC166-20.0A3X100L-	20	1	100	171	121	20	3	☺
	MC166-20.0A3X200L-	20	2	100	171	121	20	3	☺
	MC166-20.0A3X300L-	20	3	100	171	121	20	3	☺
	MC166-20.0A3X400L-	20	4	100	171	121	20	3	☺
	MC166-20.0A3X500L-	20	5	100	171	121	20	3	☺

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WJ30UU: MC166-12.0A3X100L-WJ30UU

Solid carbide shoulder milling cutters

MD177 Supreme



	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

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

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

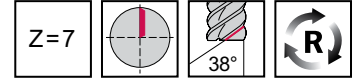
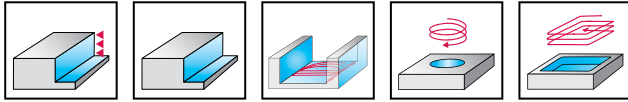
D1

WALTER SELECT ●● Primary application ● Other application

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

Solid carbide shoulder milling cutters

MD177 Supreme



	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

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

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

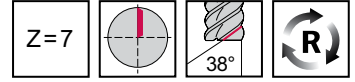
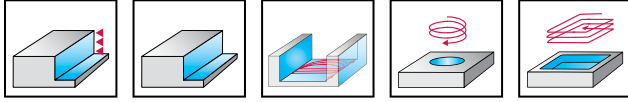
D1

WALTER SELECT ●● Primary application ● Other application

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

Solid carbide shoulder milling cutters

MD177 Supreme



	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

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

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

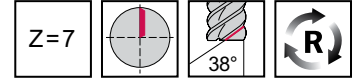
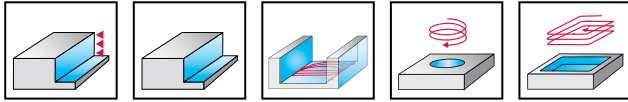
D1

WALTER SELECT ●● Primary application ● Other application

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

Solid carbide shoulder milling cutters

MD177 Supreme



	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

Tool		D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30EN
<p>DIN 6535 HA</p>	Designation								
	MD177-08.0A7X040L-	8	0,4	40	100	64	8	7	☺
	MD177-10.0A7X050L-	10	0,5	50	120	80	10	7	☺
	MD177-12.0A7X060L-	12	0,6	60	120	75	12	7	☺
	MD177-16.0A7X080L-	16	0,8	80	150	102	16	7	☺
	MD177-20.0A7X100L-	20	1	100	170	120	20	7	☺

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

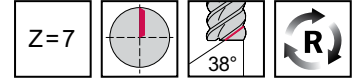
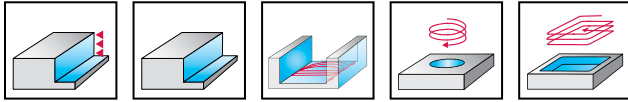
D1

WALTER SELECT ●● Primary application ● Other application

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

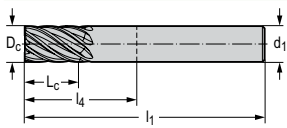
Solid carbide shoulder milling cutters

MD177 Supreme inch



	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

Tool



Cylindrical shank

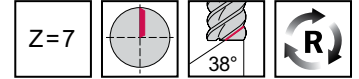
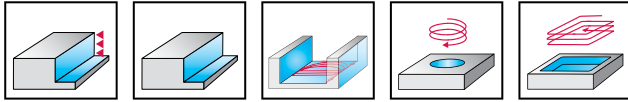
Designation	D _c	D _c inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WJ30EN
MD177.4.76A7LK-	3/16"	0,1875	0,750	2,500	1,083	0,187	7	☺
MD177.6.35A7D-	1/4"	0,2500	0,500	2,500	1,083	0,250	7	☺
MD177.6.35A7DJ-	1/4"	0,2500	0,750	2,500	1,083	0,250	7	☺
MD177.6.35A7XL-	1/4"	0,2500	1,250	3,000	1,583	0,250	7	☺
MD177.9.53A7S-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

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

D1

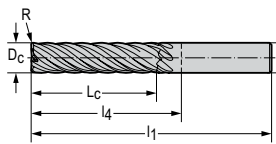
Solid carbide shoulder milling cutters

MD177 Supreme inch



	P	M	K	N	S	H	O
WJ30EN	●	●	●	●	●●	●	●

Tool	Designation	D _c	D _c inch	R	R inch	L _c	L _c inch	l ₁	l ₁ inch	l ₄	l ₄ inch	d ₁ h ₆	d ₁ h ₆ inch	Z	WJ30EN
	MD177.4.76A7L038K-	3/16"	0,1875	0,015	0,015	0,750	0,750	2,500	2,500	1,083	1,083	0,187	0,187	7	☺
	MD177.6.35A7D038-	1/4"	0,2500	0,015	0,015	0,500	0,500	2,500	2,500	1,083	1,083	0,250	0,250	7	☺
	MD177.6.35A7D076-	1/4"	0,2500	0,030	0,030	0,500	0,500	2,500	2,500	1,083	1,083	0,250	0,250	7	☺
	MD177.6.35A7D076J-	1/4"	0,2500	0,030	0,030	0,750	0,750	2,500	2,500	1,083	1,083	0,250	0,250	7	☺
	MD177.6.35A7X038L-	1/4"	0,2500	0,015	0,015	1,250	1,250	3,000	3,000	1,583	1,583	0,250	0,250	7	☺
	MD177.6.35A7X076L-	1/4"	0,2500	0,030	0,030	1,250	1,250	3,000	3,000	1,583	1,583	0,250	0,250	7	☺
	MD177.9.53A7S038-	3/8"	0,3750	0,015	0,015	0,500	0,500	2,000	2,000	0,500	0,500	0,375	0,375	7	☺
	MD177.9.53A7S076-	3/8"	0,3750	0,030	0,030	0,500	0,500	2,000	2,000	0,500	0,500	0,375	0,375	7	☺
	MD177.9.53A7S152-	3/8"	0,3750	0,060	0,060	0,500	0,500	2,000	2,000	0,500	0,500	0,375	0,375	7	☺
	MD177.9.53A7D038-	3/8"	0,3750	0,015	0,015	1,000	1,000	2,500	2,500	1,000	1,000	0,375	0,375	7	☺
	MD177.9.53A7D076-	3/8"	0,3750	0,030	0,030	1,000	1,000	2,500	2,500	1,000	1,000	0,375	0,375	7	☺
	MD177.9.53A7D152-	3/8"	0,3750	0,060	0,060	1,000	1,000	2,500	2,500	1,000	1,000	0,375	0,375	7	☺
	MD177.9.53A7L038J-	3/8"	0,3750	0,015	0,015	1,250	1,250	3,000	3,000	1,437	1,437	0,375	0,375	7	☺
	MD177.9.53A7L076J-	3/8"	0,3750	0,030	0,030	1,250	1,250	3,000	3,000	1,437	1,437	0,375	0,375	7	☺
	MD177.9.53A7L152J-	3/8"	0,3750	0,060	0,060	1,250	1,250	3,000	3,000	1,437	1,437	0,375	0,375	7	☺
	MD177.12.7A7S038-	1/2"	0,5000	0,015	0,015	0,625	0,625	2,500	2,500	0,717	0,717	0,500	0,500	7	☺
	MD177.12.7A7S076-	1/2"	0,5000	0,030	0,030	0,625	0,625	2,500	2,500	0,717	0,717	0,500	0,500	7	☺
	MD177.12.7A7S152-	1/2"	0,5000	0,060	0,060	0,625	0,625	2,500	2,500	0,717	0,717	0,500	0,500	7	☺
	MD177.12.7A7D038-	1/2"	0,5000	0,015	0,015	1,000	1,000	3,000	3,000	1,217	1,217	0,500	0,500	7	☺
	MD177.12.7A7D076-	1/2"	0,5000	0,030	0,030	1,000	1,000	3,000	3,000	1,217	1,217	0,500	0,500	7	☺
	MD177.12.7A7D152-	1/2"	0,5000	0,060	0,060	1,000	1,000	3,000	3,000	1,217	1,217	0,500	0,500	7	☺
	MD177.12.7A7Dl038-	1/2"	0,5000	0,015	0,015	1,250	1,250	3,000	3,000	1,250	1,250	0,500	0,500	7	☺
	MD177.12.7A7D076l-	1/2"	0,5000	0,030	0,030	1,250	1,250	3,000	3,000	1,250	1,250	0,500	0,500	7	☺
	MD177.12.7A7D152l-	1/2"	0,5000	0,060	0,060	1,250	1,250	3,000	3,000	1,250	1,250	0,500	0,500	7	☺
	MD177.12.7A7L038K-	1/2"	0,5000	0,015	0,015	2,125	2,125	4,000	4,000	2,217	2,217	0,500	0,500	7	☺
	MD177.12.7A7L076K-	1/2"	0,5000	0,030	0,030	2,125	2,125	4,000	4,000	2,217	2,217	0,500	0,500	7	☺
	MD177.12.7A7L152K-	1/2"	0,5000	0,060	0,060	2,125	2,125	4,000	4,000	2,217	2,217	0,500	0,500	7	☺
	MD177.15.9A7S038-	5/8"	0,6250	0,030	0,030	0,750	0,750	3,000	3,000	1,094	1,094	0,625	0,625	7	☺
	MD177.15.9A7S076-	5/8"	0,6250	0,060	0,060	0,750	0,750	3,000	3,000	1,094	1,094	0,625	0,625	7	☺
	MD177.15.9A7D038-	5/8"	0,6250	0,030	0,030	1,250	1,250	3,500	3,500	1,594	1,594	0,625	0,625	7	☺
	MD177.15.9A7D076-	5/8"	0,6250	0,060	0,060	1,250	1,250	3,500	3,500	1,594	1,594	0,625	0,625	7	☺
	MD177.15.9A7D038l-	5/8"	0,6250	0,015	0,015	1,625	1,625	3,500	3,500	1,625	1,625	0,625	0,625	7	☺
	MD177.15.9A7D076l-	5/8"	0,6250	0,030	0,030	1,625	1,625	3,500	3,500	1,625	1,625	0,625	0,625	7	☺
	MD177.15.9A7D152l-	5/8"	0,6250	0,060	0,060	1,625	1,625	3,500	3,500	1,625	1,625	0,625	0,625	7	☺



Cylindrical shank

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

WALTER SELECT ●● Primary application ● Other application

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

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

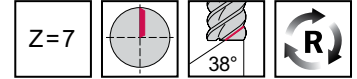
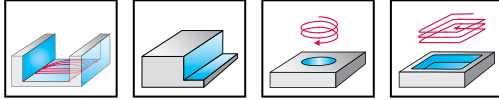
Shoulder milling $a_e \leq 0,10 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0,05 \times D_c$ for ISO M and ISO S | Ordering example for the grade WJ30EN: MD177.12.7A7D038-WJ30EN

Solid carbide shoulder milling cutters

MD173 Supreme



- Chip breaker



	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30EN
<p>DIN 6535 HB</p>	MD173-06.0W7B030-	6	0,3	13	57	21	6	7	☺
	MD173-08.0W7B040-	8	0,4	19	63	27	8	7	☺
	MD173-10.0W7B050-	10	0,5	22	72	32	10	7	☺
	MD173-12.0W7B060-	12	0,6	26	83	38	12	7	☺
	MD173-16.0W7B080-	16	0,8	32	92	44	16	7	☺
	MD173-20.0W7B100-	20	1	41	104	54	20	7	☺

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

D1

WALTER SELECT ●● Primary application ● Other application

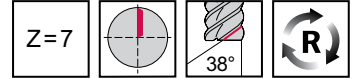
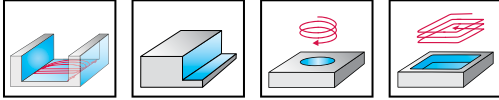
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MD173 Supreme



- Chip breaker



	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

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

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

D1

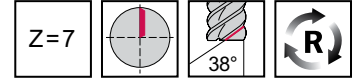
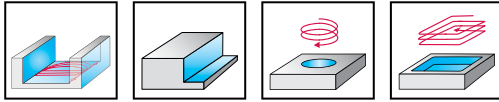
WALTER SELECT ●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MD173 Supreme



- Chip breaker



	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

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

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

D1

WALTER SELECT ●● Primary application ● Other application

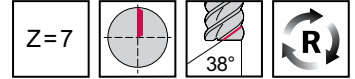
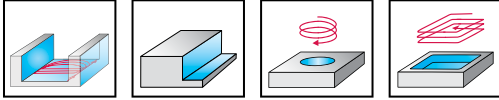
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MD173 Supreme



- Chip breaker



	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

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

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

D1

WALTER SELECT

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

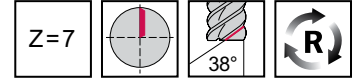
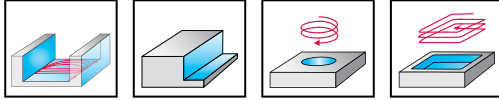
●● Primary application ● Other application

Solid carbide shoulder milling cutters

MD173 Supreme inch



– Chip breaker



	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

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

Cylindrical shank

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

D1

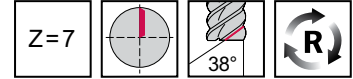
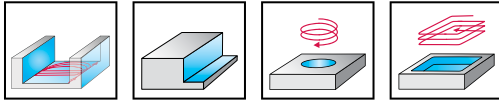
WALTER SELECT		●● Primary application ● Other application	
	Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions		

Solid carbide shoulder milling cutters

MD173 Supreme inch



- Chip breaker



	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

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

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

D1

WALTER SELECT

●● Primary application ● Other application

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

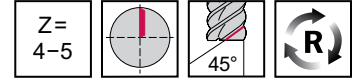
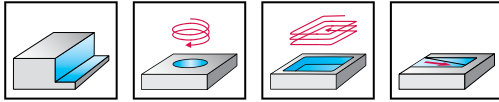
Solid carbide shoulder milling cutters

H7073417

Protostar® Ti



- Type Ti 45, extra long



	P	M	K	N	S	H	O
ACN					●●		

Tool		D_c h9 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
<p>DIN 6535 HA</p>	Designation							
	H7073417-16X50	16	4	50	115	67	16	4
	H7073417-16X50-3	16	3	50	115	67	16	4
	H7073417-16X90	16	4	90	145	97	16	4
	H7073417-20X100	20	4	100	170	120	20	4
	H7073417-20X100-3	20	3	100	170	120	20	4
	H7073417-20X55	20	4	55	125	75	20	4
	H7073417-20X55-3	20	3	55	125	75	20	4
	H7073417-25X125	25	4	125	188	132	25	5
	H7073417-25X125-3	25	3	125	188	132	25	5
	H7073417-25X90	25	4	90	153	97	25	5
	H7073417-25X90-3	25	3	90	153	97	25	5

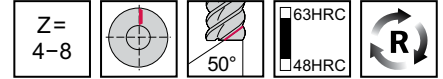
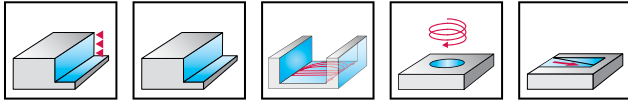
Shoulder milling $a_e \leq 0.3 \times D_c$

D1

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

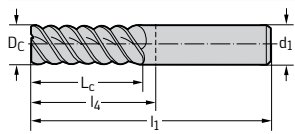
Solid carbide shoulder milling cutters

MC187 Advance



	P	M	K	N	S	H	O
WB10TG						●●	

Tool



DIN 6535 HA

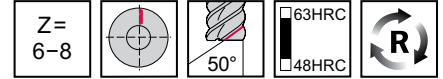
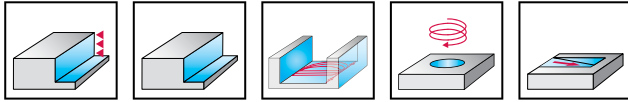
Designation	D _c h10 mm	h ₁ mm	L _c mm	h ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WB10TG
MC187-03.0A4B-	3	0,1	8	57	21	6	4	☺
MC187-04.0A4B-	4	0,1	11	57	21	6	4	☺
MC187-05.0A4B-	5	0,1	13	57	21	6	4	☺
MC187-06.0A6B-	6	0,1	13	57	21	6	6	☺
MC187-08.0A6B-	8	0,1	19	63	27	8	6	☺
MC187-10.0A6B-	10	0,1	22	72	32	10	6	☺
MC187-12.0A6B-	12	0,1	26	83	38	12	6	☺
MC187-16.0A6B-	16	0,15	32	92	44	16	6	☺
MC187-20.0A8B-	20	0,15	38	104	54	20	8	☺
MC187-25.0A8B-	25	0,15	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

Solid carbide shoulder milling cutters

MC187 Advance



	P	M	K	N	S	H	O
WB10TG					●	●●	

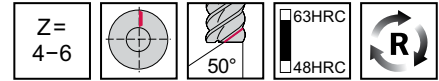
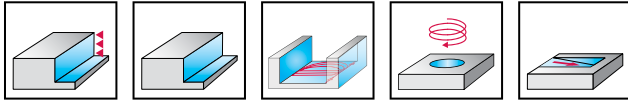
Tool		D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WB10TG
<p>DIN 6535 HA</p>	Designation								
	MC187-06.0A6L-	6	0,1	26	75	34	6	6	☺
	MC187-08.0A6L-	8	0,1	36	80	44	8	6	☺
	MC187-10.0A6L-	10	0,1	46	100	60	10	6	☺
	MC187-12.0A6L-	12	0,1	55	110	65	12	6	☺
	MC187-16.0A6L-	16	0,15	66	130	82	16	6	☺
	MC187-20.0A8L-	20	0,15	80	145	95	20	8	☺
MC187-25.0A8L-	25	0,15	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

Solid carbide shoulder milling cutters

MC187 Advance



	P	M	K	N	S	H	0
WB10TG					●	●	

Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WB10TG
<p>DIN 6535 HA</p>	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

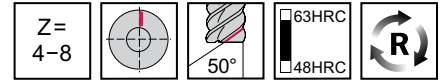
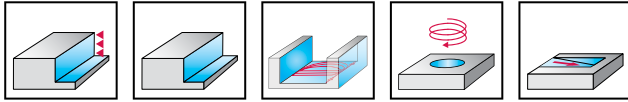
D1

WALTER SELECT ●● Primary application ● Other application

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

Solid carbide shoulder milling cutters

MC187 Advance inch



	P	M	K	N	S	H	O
WB10TG					●	●●	

Tool	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
<p>Cylindrical shank</p>	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	☺

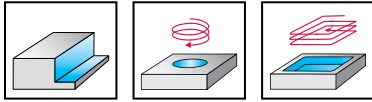
Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WB10TG: MC187.12.7A6D076-WB10TG

WALTER SELECT ●● Primary application ● Other application

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

Solid carbide shoulder milling cutters

MC183 Advance



	P	M	K	N	S	H	O
WB10TG						●●	

Tool		D_c h10 mm	h_1 mm	L_c mm	h_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TG
	Designation								
	MC183-06.0W6B-	6	0,1	13	57	21	6	6	☺
	MC183-08.0W8B-	8	0,1	19	63	27	8	8	☺
	MC183-10.0W10B-	10	0,1	22	72	32	10	10	☺
	MC183-12.0W12B-	12	0,1	26	83	38	12	12	☺
DIN 6535 HB	MC183-16.0W16B-	16	0,15	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

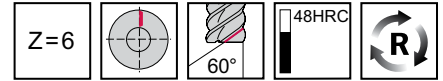
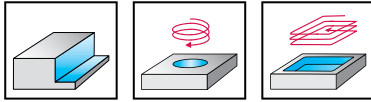
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide shoulder milling cutters

MC129 Advance



- Type N 60



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WJ30TF
<p>DIN 6535 HA</p>	MC129-06.0A6B-	6	0,1	13	57	21	6	6	☺
	MC129-08.0A6B-	8	0,1	19	63	27	8	6	☺
	MC129-10.0A6B-	10	0,1	22	72	32	10	6	☺
	MC129-12.0A6B-	12	0,1	26	83	38	12	6	☺
	MC129-14.0A6B-	14	0,15	26	83	38	14	6	☺
	MC129-16.0A6B-	16	0,15	32	92	44	16	6	☺
	MC129-20.0A6B-	20	0,15	38	104	54	20	6	☺

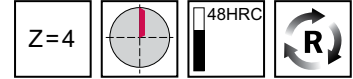
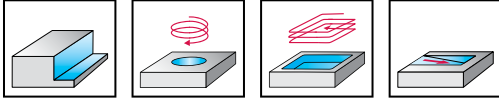
Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WJ30TF: MC129-06.0A6B-WJ30TF

Solid carbide shoulder milling cutters

MC111 Advance inch



- Type N 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D _c h10 inch	h ₁₁ inch	L _c inch	h ₁ inch	l ₄ inch	d ₁ inch	Z	WJ30TF
<p>Cylindrical shank</p>	MC111.2.38A4D-	0,0937		0,375	2,500	1,083	0,250	4	☺
	MC111.3.18A4D-	0,1250		0,500	2,500	1,083	0,250	4	☺
	MC111.4.76A4D-	0,1875		0,625	2,500	1,083	0,250	4	☺
	MC111.6.35A4D-	0,2500		0,750	2,500	1,083	0,250	4	☺
	MC111.7.94A4D-	0,3125		0,812	3,000	1,437	0,375	4	☺
	MC111.9.53A4D-	0,3750	0,004	0,875	3,000	1,437	0,375	4	☺
	MC111.12.7A4D-	0,5000	0,006	1,000	3,500	1,717	0,500	4	☺
	MC111.15.9A4D-	0,6250	0,006	1,250	3,500	1,594	0,625	4	☺
	MC111.19.1A4D-	0,7500	0,006	1,500	4,000	1,969	0,750	4	☺

Slot milling $a_p \leq 0.3 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30TF: MC111.12.7A4D-WJ30TF

D1

WALTER
SELECT

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

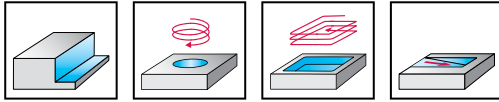
●● Primary application ● Other application

Solid carbide shoulder milling cutters

MC112 Advance



- Long reach
- Type HSC 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WJ30TF
<p>DIN 6535 HA</p>	MC112-06.3A4X-	6,3		6	100	64	6	4	☺
	MC112-08.3A4X-	8,3		8	100	64	8	4	☺
	MC112-10.3A4X-	10,3	0,1	10	150	110	10	4	☺
	MC112-12.5A4X-	12,5	0,15	12	150	105	12	4	☺

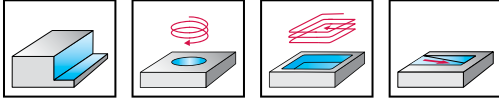
Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Shank tolerance h6 with shank diameter $d_1 <gt; 10$ mm | Ordering example for the grade WJ30TF: MC112-06.3A4X-WJ30TF

Solid carbide shoulder milling cutters

MC112 Advance



- Long reach
- Type HSC 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

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 mm	Z	WJ30TF
	MC112-04.0A4L050-	4	0,5	4	20	3,8	57	21,9	6	4	☺
	MC112-06.0A4L100-	6	1	6	24	5,7	63	27	8	4	☺
	MC112-08.0A4L100-	8	1	8	29	7,6	72	32	10	4	☺
	MC112-12.0A4L150-	12	1,5	12	36	11,4	83	38	12	4	☺
	MC112-16.0A4L200-	16	2	16	42	15,2	92	44	16	4	☺

DIN 6535 HA

Slot milling $a_p \leq 0,5 \times D_c$ | Shoulder milling $a_e \leq 0,3 \times D_c$ | Ordering example for the grade WJ30TF: MC112-04.0A4L050-WJ30TF

D1

**WALTER
SELECT**

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

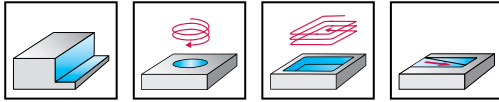
Solid carbide shoulder milling cutters

H4044918

Protostar®



- Long reach
- Type HSC 30, mini



TAX	P	M	K	N	S	H	O
	●●			●			

Tool	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
<p>DIN 6535 HA</p>	H4044918-0.4-1	0,4	0,05	0,4	1	0,4	38	10	3	2
	H4044918-0.4-2	0,4	0,05	0,4	2	0,4	38	10	3	2
	H4044918-0.4-4	0,4	0,05	0,4	4	0,4	38	10	3	2
	H4044918-0.5-1.25	0,5	0,05	0,5	1	0,5	38	10	3	2
	H4044918-0.5-2.5	0,5	0,05	0,5	3	0,5	38	10	3	2
	H4044918-0.5-5	0,5	0,05	0,5	5	0,5	38	10	3	2
	H4044918-0.6-1.5	0,6	0,05	0,6	2	0,6	38	10	3	2
	H4044918-0.6-3	0,6	0,05	0,6	3	0,6	38	10	3	2
	H4044918-0.6-4.5	0,6	0,05	0,6	5	0,6	38	10	3	2
	H4044918-0.8-2	0,8	0,05	0,8	2	0,8	38	10	3	2
	H4044918-0.8-4	0,8	0,05	0,8	4	0,8	38	10	3	2
	H4044918-0.8-6	0,8	0,05	0,8	6	0,8	38	10	3	2
	H4044918-0.8-8	0,8	0,05	0,8	8	0,8	38	11,6	3	2
	H4044918-1-10	1	0,1	1	10	1	60	32	3	2
	H4044918-1-15	1	0,1	1	15	1	60	32	3	2
	H4044918-1-2.5	1	0,1	1	3	1	38	10	3	2
	H4044918-1-20	1	0,1	1	20	1	60	32	3	2
	H4044918-1-5	1	0,1	1	5	1	60	32	3	2
	H4044918-1-7.5	1	0,1	1	8	1	60	32	3	2
	H4044918-1.5-15	1,5	0,15	1,5	15	1,5	60	32	3	2
H4044918-1.5-7.5	1,5	0,15	1,5	8	1,5	60	32	3	2	
H4044918-2-10	2	0,2	2	10	2	60	32	3	2	
H4044918-2-15	2	0,2	2	15	2	60	32	3	2	
H4044918-2-20	2	0,2	2	20	2	60	32	3	2	
H4044918-2-30	2	0,2	2	30	2	60	32	3	2	
H4044918-2.5-12.5	2,5	0,25	2,5	13	2,5	60	32	3	2	
H4044918-2.5-25	2,5	0,25	2,5	25	2,5	60	32	3	2	
H4044918-3-15	3	0,3	3	15	3	60	32	3	2	
H4044918-3-22.5	3	0,3	3	23	3	60	32	3	2	
H4044918-3-30	3	0,3	3	30	3	60	32	3	2	

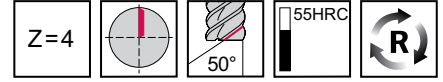
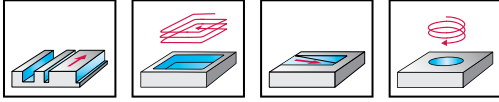
Slot milling $a_p \leq 0.1 \times D_c$ | Shoulder milling $a_e \leq 0.05 \times D_c$

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

D1

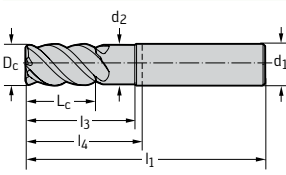
Solid carbide shoulder/slot milling cutters

MC341 Supreme



	P	M	K	N	S	H	O
WK40TZ	●●	●					

Tool



Designation	D _c h9 mm	l ₁₁ mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WK40TZ
MC341-06.0A4P-	6	0,1	10	16	5,5	57	21	6	4	☺
MC341-08.0A4P-	8	0,1	13	22	7,6	63	27	8	4	☺
MC341-10.0A4P-	10	0,1	16	28	9,5	72	32	10	4	☺
MC341-12.0A4P-	12	0,1	19	33	11,4	83	38	12	4	☺
MC341-16.0A4P-	16	0,15	26	42	15,2	92	44	16	4	☺
DIN 6535 HA MC341-20.0A4P-	20	0,15	32	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 WK40TZ: MC341-06.0A4P-WK40TZ

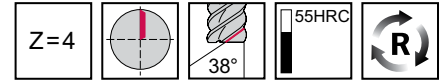
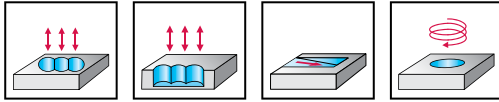
D1

Solid carbide plunge milling cutter

MD344 Supreme



- Long reach



	P	M	K	N	S	H	O
WK40TP	●●	●	●	●	●		

Tool		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
<p>DIN 6535 HB</p>	Designation										
	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	☺

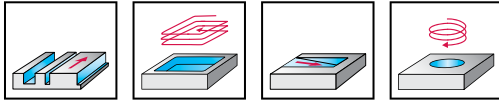
Slot milling $a_p \leq 1.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD344-06.0W4B030C-WK40TP

Solid carbide shoulder/slot milling cutters

MD340 Supreme



- Long reach



	P	M	K	N	S	H	O
WK40TP	●●	●	●	●	●		

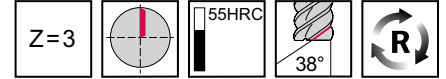
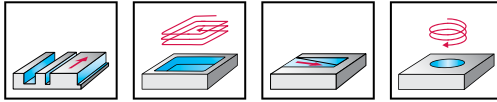
Tool	Designation	D _c h9 mm	l ₁₁ mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WK40TP
 DIN 6535 HA	MD340-02.0A3PC-	2	0,1	5	8	1,9	57	21	6	3	☺
	MD340-03.0A3PC-	3	0,1	7	11	2,9	57	21	6	3	☺
	MD340-04.0A3PC-	4	0,1	9	15	3,8	57	21	6	3	☺
	MD340-05.0A3PC-	5	0,1	11	16	4,8	57	21	6	3	☺
	MD340-06.0A3PC-	6	0,12	13	19	5,7	57	21	6	3	☺
	MD340-08.0A3PC-	8	0,16	18	25	7,6	63	27	8	3	☺
	MD340-10.0A3PC-	10	0,2	22	30	9,5	72	32	10	3	☺
	MD340-12.0A3PC-	12	0,24	26	36	11,4	83	38	12	3	☺
	MD340-16.0A3PC-	16	0,32	34	42	15,2	92	44	16	3	☺
	MD340-20.0A3PC-	20	0,4	42	52	19	104	54	20	3	☺
 DIN 6535 HB	MD340-10.0W3PC-	10	0,2	22	30	9,5	72	32	10	3	☺
	MD340-12.0W3PC-	12	0,24	26	36	11,4	83	38	12	3	☺
	MD340-16.0W3PC-	16	0,32	34	42	15,2	92	44	16	3	☺
	MD340-20.0W3PC-	20	0,4	42	52	19	104	54	20	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: MD340-02.0A3PC-WK40TP

D1

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



	P	M	K	N	S	H	O
WK40TP	●●		●				

Tool	Designation	D _c		l ₁₁	L _c	l ₃	d ₂	l ₁	l ₄	d ₁		Z	WK40TP
		h9	inch							h5	inch		
<p>Cylindrical shank</p>	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	0,004	0,227	0,34	0,090	2,500	1,083	0,250	3	☺	
	MD340.3.18A3PC-	1/8"	0,1250	0,004	0,289	0,434	0,119	2,500	1,083	0,250	3	☺	
	MD340.4.76A3PC-	3/16"	0,1875	0,004	0,414	0,622	0,178	2,500	1,083	0,250	3	☺	
	MD340.6.35A3PC-	1/4"	0,2500	0,005	0,539	0,809	0,238	3,000	1,437	0,375	3	☺	
	MD340.7.93A3PC-	5/16"	0,3125	0,006	0,664	0,996	0,297	3,000	1,437	0,375	3	☺	
	MD340.9.53A3PC-	3/8"	0,3750	0,007	0,829	1,243	0,356	3,000	1,437	0,375	3	☺	
	MD340.11.1A3PC-	7/16"	0,4375	0,009	0,954	1,43	0,416	3,500	1,717	0,500	3	☺	
	MD340.12.7A3PC-	1/2"	0,5000	0,010	1,079	1,43	0,475	3,500	1,717	0,500	3	☺	
	MD340.15.9A3PC-	5/8"	0,6250	0,013	1,329	1,535	0,594	3,500	1,594	0,625	3	☺	
MD340.19.1A3PC-	3/4"	0,7500	0,015	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

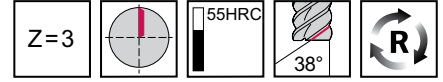
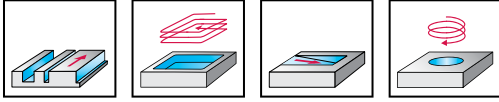
WALTER SELECT	●● Primary application ● Other application	
	Best tool for	→ Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



- Long reach



	P	M	K	N	S	H	O
WK40TP	●●	●	●	●	●		

Tool	Designation	D_c	D_c	R	L_c	l_3	d_2	l_1	l_4	d_1	Z	WK40TP
		h9	h9	inch	inch	inch	inch	inch	inch	h5		
<p>Cylindrical shank</p>	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

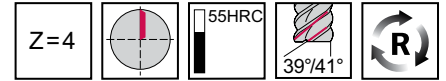
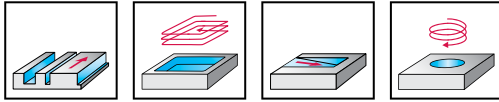
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ / ★

Solid carbide shoulder/slot milling cutters

MD340 Supreme



- Long reach



	P	M	K	N	S	H	O
WK40TP	●●	●	●	●	●	●	●

Tool		D _c h9 mm	l ₁₁ mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WK40TP
<p>DIN 6535 HA</p>	MD340-03.0A4BC-	3	0,1	5	9	2,9	57	21	6	4	☺
	MD340-04.0A4BC-	4	0,1	7	11	3,8	57	21	6	4	☺
	MD340-05.0A4BC-	5	0,1	8	14	4,8	57	21	6	4	☺
	MD340-06.0A4BC-	6	0,12	10	16	5,7	57	21	6	4	☺
	MD340-08.0A4BC-	8	0,16	19	25	7,6	63	27	8	4	☺
	MD340-10.0A4BC-	10	0,2	22	30	9,5	72	32	10	4	☺
	MD340-12.0A4BC-	12	0,24	26	36	11,4	83	38	12	4	☺
	MD340-14.0A4BC-	14	0,28	26	36	13,3	83	38	14	4	☺
	MD340-16.0A4BC-	16	0,32	32	42	15,2	92	44	16	4	☺
	MD340-18.0A4BC-	18	0,36	32	42	17,1	92	44	18	4	☺
<p>DIN 6535 HB</p>	MD340-10.0W4BC-	10	0,2	22	30	9,5	72	32	10	4	☺
	MD340-12.0W4BC-	12	0,24	26	36	11,4	83	38	12	4	☺
	MD340-14.0W4BC-	14	0,28	26	36	13,3	83	38	14	4	☺
	MD340-16.0W4BC-	16	0,32	32	42	15,2	92	44	16	4	☺
	MD340-18.0W4BC-	18	0,36	32	42	17,1	92	44	18	4	☺
	MD340-20.0W4BC-	20	0,4	38	52	19	104	54	20	4	☺

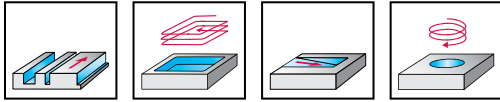
Slot milling $a_p \leq 1.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340-03.0A4BC-WK40TP

WALTER SELECT ●● Primary application ● Other application

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

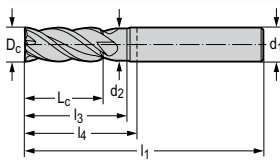
Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



	P	M	K	N	S	H	O
WK40TP	●●	●	●	●	●	●	●

Tool



Cylindrical shank

Designation	D _c h9 inch	D _c h9 inch	l ₁₁ 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	0,005	0,405	0,607	0,238	3,000	1,437	0,375	4	☺
MD340.7.93A4DC-	5/16"	0,3125	0,006	0,506	0,759	0,297	3,000	1,437	0,375	4	☺
MD340.9.53A4DC-	3/8"	0,3750	0,007	0,608	0,911	0,356	3,000	1,437	0,375	4	☺
MD340.12.7A4DC-	1/2"	0,5000	0,010	0,810	1,215	0,475	3,500	1,717	0,500	4	☺
MD340.15.9A4DC-	5/8"	0,6250	0,013	1,013	1,519	0,594	3,500	1,594	0,625	4	☺
MD340.19.1A4DC-	3/4"	0,7500	0,015	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

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★

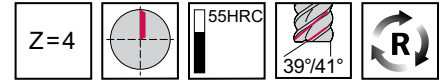
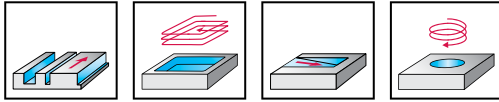
●● Primary application ● Other application

Solid carbide shoulder/slot milling cutters

MD340 Supreme



- Long reach



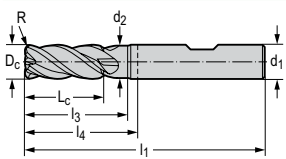
	P	M	K	N	S	H	O
WK40TP	●●	●	●	●	●	●	●

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
<p>DIN 6535 HA</p>	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	☺
<p>DIN 6535 HB</p>	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	☺
	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

WALTER SELECT ●● Primary application ● Other application

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

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

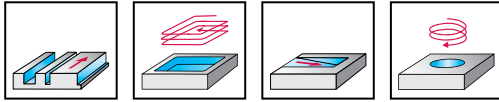
WALTER SELECT ●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



– Long reach



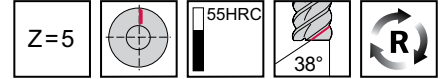
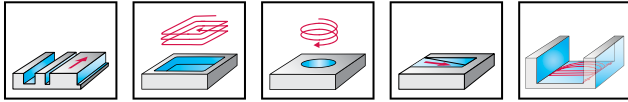
	P	M	K	N	S	H	O
WK40TP	●●	●	●	●	●		

Tool		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
<p>Cylindrical shank</p>	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

Solid carbide shoulder/slot milling cutters

MD340 Supreme



	P	M	K	N	S	H	O
WK40TP	●●	●	●	●	●		

Tool	Designation	D _c h9 mm	h ₁₁ mm	L _c mm	h ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WK40TP
<p>DIN 6535 HB</p>	MD340-06.0W5B-	6	0,12	13	57	21	6	5	●●
	MD340-08.0W5B-	8	0,16	19	63	27	8	5	●●
	MD340-10.0W5B-	10	0,2	22	72	32	10	5	●●
	MD340-12.0W5B-	12	0,24	26	83	38	12	5	●●
	MD340-16.0W5B-	16	0,32	32	92	44	16	5	●●
	MD340-20.0W5B-	20	0,4	38	104	54	20	5	●●
	MD340-25.0W5B-	25	0,5	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

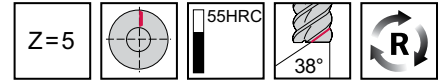
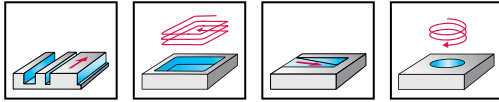
WALTER SELECT

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

●● Primary application ● Other application

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



	P	M	K	N	S	H	O
WK40TP	●●	●	●	●	●		

Tool	Designation	D_c h9	D_c h9 inch	l_{11} inch	L_c inch	l_1 inch	l_4 inch	d_1 h5 inch	Z	WK40TP
	MD340.9.53W5D-	3/8"	0,3750	0,007	0,875	3,000	1,437	0,375	5	☺
	MD340.12.7W5D-	1/2"	0,5000	0,010	1,063	3,500	1,717	0,500	5	☺
	MD340.15.9W5D-	5/8"	0,6250	0,013	1,250	3,500	1,594	0,625	5	☺

DIN 6535 HB

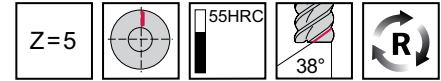
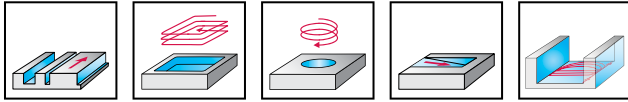
Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TP: MD340.12.7W5D-WK40TP

Solid carbide shoulder/slot milling cutters

MD340 Supreme



- Long reach



	P	M	K	N	S	H	O
WK40TP	●●	●	●	●	●	●	●

Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WK40TP
 DIN 6535 HB	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	☺	

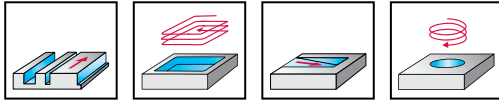
Nutfräsen $a_p \leq 1,0 \times D_c$ | Eckfräsen $a_e \leq 0,3 \times D_c$ | Eckfräsen $a_e \leq 0,5 \times D_a$ | Bestellbeispiel für die Sorte WK40TP: MD340-06.0W5B050-WK40TP

	Bezeichnung	D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WK40TP
 DIN 6535 HB	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

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



	P	M	K	N	S	H	O
WK40TP	●●	●	●	●	●		

Tool	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
<p>DIN 6535 HB</p>	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

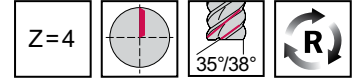
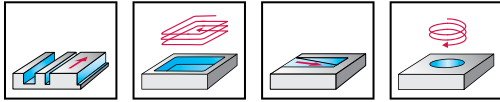
WALTER SELECT ●● Primary application ● Other application

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

Solid carbide shoulder/slot milling cutters

H2034217 / H2134217 mm

Proto-max™_{Inox}



	P	M	K	N	S	H	O
TAA		●●			●		

Tool		D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z
 DIN 6535 HA	H2034217-6	6	0,1	13	57	21	6	4
	H2034217-8	8	0,1	19	63	27	8	4
	H2034217-10	10	0,1	22	72	32	10	4
	H2034217-12	12	0,1	26	83	38	12	4
	H2034217-14	14	0,15	26	83	38	14	4
	H2034217-16	16	0,15	32	92	44	16	4
	H2034217-20	20	0,15	38	104	54	20	4
 DIN 6535 HB	H2134217-10	10	0,1	22	72	32	10	4
	H2134217-12	12	0,1	26	83	38	12	4
	H2134217-14	14	0,15	26	83	38	14	4
	H2134217-16	16	0,15	32	92	44	16	4
	H2134217-18	18	0,15	32	92	44	18	4
	H2134217-20	20	0,15	38	104	54	20	4

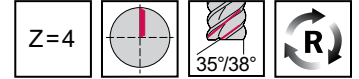
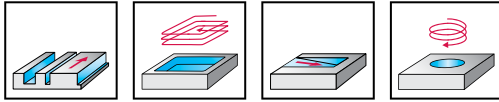
Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$

D1

Solid carbide shoulder/slot milling cutter

AH2034217 inch

Proto-max™_{Inox}



	P	M	K	N	S	H	O
TAA		●●			●		

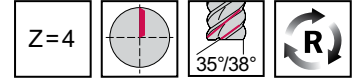
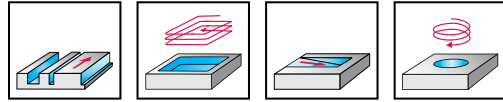
Tool		D_c h10	D_c h10 inch	l_{11} inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z
<p>Cylindrical shank</p>	Designation								
	AH2034217-1/4	1/4"	0,2500	0,004	0,750	2,500	1,083	0,250	4
	AH2034217-3/8	3/8"	0,3750	0,004	0,875	3,000	1,437	0,375	4
	AH2034217-1/2	1/2"	0,5000	0,006	1,000	3,500	1,717	0,500	4
	AH2034217-5/8	5/8"	0,6250	0,006	1,250	3,500	1,594	0,625	4
	AH2034217-3/4	3/4"	0,7500	0,006	1,500	4,000	1,969	0,750	4

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$

Solid carbide shoulder/slot milling cutters

H2038217 / H2138217 mm

Proto-max™_{Inox}



	P	M	K	N	S	H	O
TAA		●●			●		

Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z
 DIN 6535 HA	H2038217-6-0.5	6	0,5	13	57	21	6	4
	H2038217-6-1	6	1	13	57	21	6	4
	H2038217-8-0.5	8	0,5	19	63	27	8	4
	H2038217-8-1	8	1	19	63	27	8	4
	H2038217-8-2	8	2	19	63	27	8	4
	H2038217-10-0.5	10	0,5	22	72	32	10	4
	H2038217-10-1	10	1	22	72	32	10	4
	H2038217-10-2	10	2	22	72	32	10	4
	H2038217-10-3	10	3	22	72	32	10	4
	H2038217-12-0.5	12	0,5	26	83	38	12	4
	H2038217-12-1	12	1	26	83	38	12	4
	H2038217-12-2	12	2	26	83	38	12	4
	H2038217-12-3	12	3	26	83	38	12	4
	H2038217-16-0.5	16	0,5	32	92	44	16	4
	H2038217-16-1	16	1	32	92	44	16	4
	H2038217-16-2	16	2	32	92	44	16	4
H2038217-16-3	16	3	32	92	44	16	4	
H2038217-20-1	20	1	38	104	54	20	4	
H2038217-20-2	20	2	38	104	54	20	4	
 DIN 6535 HB	H2138217-10-0.5	10	0,5	22	72	32	10	4
	H2138217-10-1	10	1	22	72	32	10	4
	H2138217-10-2	10	2	22	72	32	10	4
	H2138217-12-0.5	12	0,5	26	83	38	12	4
	H2138217-12-1	12	1	26	83	38	12	4
	H2138217-12-2	12	2	26	83	38	12	4
	H2138217-12-3	12	3	26	83	38	12	4
	H2138217-16-0.5	16	0,5	32	92	44	16	4
	H2138217-16-1	16	1	32	92	44	16	4
	H2138217-16-2	16	2	32	92	44	16	4
	H2138217-16-3	16	3	32	92	44	16	4
	H2138217-20-1	20	1	38	104	54	20	4
	H2138217-20-2	20	2	38	104	54	20	4
	H2138217-20-3	20	3	38	104	54	20	4
	H2138217-20-4	20	4	38	104	54	20	4

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$

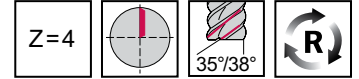
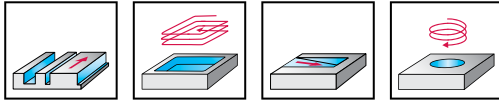
D1

WALTER SELECT ●● Primary application ● Other application

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

Solid carbide shoulder/slot milling cutters

MC251 Advance



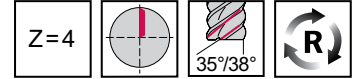
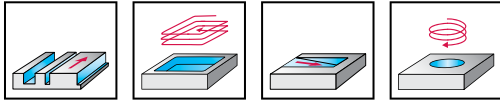
	P	M	K	N	S	H	O
WK40RC		●●			●		

Tool		D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WK40RC
<p>DIN 6535 HA</p>	Designation								
	MC251-03.0-A4B-	3		8	57	21	6	4	☺
	MC251-04.0-A4B-	4	0,1	11	57	21	6	4	☺
	MC251-05.0-A4B-	5	0,1	13	57	21	6	4	☺
	MC251-06.0-A4B-	6	0,1	13	57	21	6	4	☺
	MC251-08.0-A4B-	8	0,1	19	63	27	8	4	☺
	MC251-10.0-A4B-	10	0,1	22	72	32	10	4	☺
	MC251-12.0-A4B-	12	0,1	26	83	38	12	4	☺
	MC251-16.0-A4B-	16	0,15	32	92	44	16	4	☺
MC251-20.0-A4B-	20	0,15	38	104	54	20	4	☺	

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WK40RC: MC251-03.0-A4B-WK40RC

Solid carbide shoulder/slot milling cutters

MC251 Advance



	P	M	K	N	S	H	O
WK40RC		●●			●		

Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WK40RC
<p>DIN 6535 HA</p>	MC251-03.0-A4B020-	3	0,2	8	57	21	6	4	☺
	MC251-03.0-A4B050-	3	0,5	8	57	21	6	4	☺
	MC251-04.0-A4B020-	4	0,2	11	57	21	6	4	☺
	MC251-04.0-A4B050-	4	0,5	11	57	21	6	4	☺
	MC251-05.0-A4B050-	5	0,5	13	57	21	6	4	☺
	MC251-05.0-A4B100-	5	1	13	57	21	6	4	☺
	MC251-06.0-A4B050-	6	0,5	13	57	21	6	4	☺
	MC251-06.0-A4B100-	6	1	13	57	21	6	4	☺
	MC251-08.0-A4B050-	8	0,5	19	63	27	8	4	☺
	MC251-08.0-A4B100-	8	1	19	63	27	8	4	☺
	MC251-08.0-A4B200-	8	2	19	63	27	8	4	☺
	MC251-10.0-A4B050-	10	0,5	22	72	32	10	4	☺
	MC251-10.0-A4B100-	10	1	22	72	32	10	4	☺
	MC251-10.0-A4B200-	10	2	22	72	32	10	4	☺
	MC251-10.0-A4B300-	10	3	22	72	32	10	4	☺
	MC251-12.0-A4B050-	12	0,5	26	83	38	12	4	☺
	MC251-12.0-A4B100-	12	1	26	83	38	12	4	☺
	MC251-12.0-A4B165-	12	1,65	26	83	38	12	4	☺
	MC251-12.0-A4B200-	12	2	26	83	38	12	4	☺
	MC251-12.0-A4B300-	12	3	26	83	38	12	4	☺
MC251-16.0-A4B050-	16	0,5	32	92	44	16	4	☺	
MC251-16.0-A4B100-	16	1	32	92	44	16	4	☺	
MC251-16.0-A4B200-	16	2	32	92	44	16	4	☺	
MC251-20.0-A4B100-	20	1	38	104	54	20	4	☺	
MC251-20.0-A4B165-	20	1,65	38	104	54	20	4	☺	
MC251-20.0-A4B600-	20	6	38	104	54	20	4	☺	

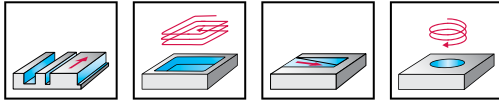
Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WK40RC: MC251-03.0-A4B020-WK40RC

Solid carbide shoulder/slot milling cutters

MD266 Supreme



- Long reach



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool		D _c h10 mm	h ₁₁ mm	L _c mm	l ₃ mm	l ₁ mm	l ₄ mm	d ₂ mm	d ₁ mm	Z	WJ30UU
<p>DIN 6535 HA</p>	Designation										
	MD266-02.0A2BE-	2		6	10	57	20	1,9	6	2	☺
	MD266-03.0A2BD-	3		7,5	12	57	20	2,9	6	2	☺
	MD266-04.0A2BD-	4	0,1	8	16	57	20	3,8	6	2	☺
	MD266-05.0A2BC-	5	0,1	10	18	57	20	4,8	6	2	☺
	MD266-05.0A2LD-	5	0,1	7,5	20	65	26	4,8	6	2	☺

Nutfräsen $a_p \leq 0,9 \times D_c$ | Eckfräsen $a_e \leq 0,6 \times D_c$ | Bestellbeispiel für die Sorte WJ30UU: MD266-02.0A2BE-WJ30UU

		D _c h10 mm	h ₁₁ mm	L _c mm	l ₃ mm	l ₁ mm	l ₄ mm	d ₂ mm	d ₁ mm	Z	WJ30UU
<p>DIN 6535 HA</p>	Bezeichnung										
	MD266-06.0A2LD-	6	0,1	10,5	25	65	26	5,7	6	2	☺
	MD266-08.0A2LE-	8	0,1	12	42	80	43	7,6	8	2	☺
	MD266-10.0A2BC-	10	0,1	20	30	72	31	9,5	10	2	☺
	MD266-10.0A2LD-	10	0,1	15	48	90	49	9,5	10	2	☺
	MD266-12.0A2LD-	12	0,1	18	53	100	54	11,4	12	2	☺
	MD266-16.0A2LD-	16	0,15	24	65	115	66	15,2	16	2	☺
	MD266-20.0A2LC-	20	0,15	25	73	125	74	19	20	2	☺

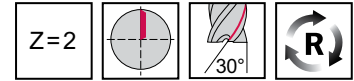
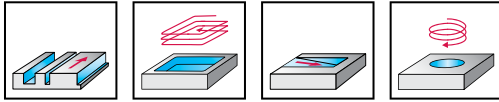
Slot milling $a_p \leq 0,9 \times D_c$ | Shoulder milling $a_e \leq 0,6 \times D_c$ | Ordering example for the grade WJ30UU: MD266-02.0A2BE-WJ30UU

Solid carbide shoulder/slot milling cutters

MD266 Supreme



- Long reach



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₃ mm	l ₁ mm	l ₄ mm	d ₂ mm	d ₁ mm	Z	WJ30UU
<p>DIN 6535 HA</p>	MD266-02.0A2B020E-	2	0,2	6	10	57	20	1,9	6	2	☺
	MD266-03.0A2B030D-	3	0,3	7,5	12	57	20	2,9	6	2	☺
	MD266-04.0A2B030D-	4	0,3	8	16	57	20	3,8	6	2	☺
	MD266-05.0A2B050C-	5	0,5	10	18	57	20	4,8	6	2	☺
	MD266-05.0A2L050D-	5	0,5	7,5	20	65	26	4,8	6	2	☺

Nutfräsen $a_p \leq 0,9 \times D_c$ | Eckfräsen $a_e \leq 0,6 \times D_c$ | Bestellbeispiel für die Sorte WJ30UU: MD266-02.0A2B020E-WJ30UU

	Bezeichnung	D _c h9 mm	R mm	L _c mm	l ₃ mm	l ₁ mm	l ₄ mm	d ₂ mm	d ₁ mm	Z	WJ30UU
<p>DIN 6535 HA</p>	MD266-06.0A2L050D-	6	0,5	10,5	25	65	26	5,7	6	2	☺
	MD266-06.0A2L100D-	6	1	10,5	25	65	26	5,7	6	2	☺
	MD266-08.0A2L050E-	8	0,5	12	42	80	43	7,6	8	2	☺
	MD266-08.0A2L100E-	8	1	12	42	80	43	7,6	8	2	☺
	MD266-08.0A2L200E-	8	2	12	42	80	43	7,6	8	2	☺
	MD266-10.0A2B050C-	10	0,5	20	30	72	31	9,5	10	2	☺
	MD266-10.0A2B100C-	10	1	20	30	72	31	9,5	10	2	☺
	MD266-10.0A2B200C-	10	2	20	30	72	31	9,5	10	2	☺
	MD266-10.0A2L050D-	10	0,5	15	48	90	49	9,5	10	2	☺
	MD266-10.0A2L100D-	10	1	15	48	90	49	9,5	10	2	☺
	MD266-10.0A2L200D-	10	2	15	48	90	49	9,5	10	2	☺
	MD266-12.0A2L050D-	12	0,5	18	53	100	54	11,4	12	2	☺
	MD266-12.0A2L200D-	12	2	18	53	100	54	11,4	12	2	☺
	MD266-12.0A2L300D-	12	3	18	53	100	54	11,4	12	2	☺
	MD266-16.0A2L050D-	16	0,5	24	65	115	66	15,2	16	2	☺
	MD266-16.0A2L200D-	16	2	24	65	115	66	15,2	16	2	☺
	MD266-16.0A2L300D-	16	3	24	65	115	66	15,2	16	2	☺
	MD266-16.0A2L400D-	16	4	24	65	115	66	15,2	16	2	☺
	MD266-20.0A2L050C-	20	0,5	25	73	125	74	19	20	2	☺
	MD266-20.0A2L300C-	20	3	25	73	125	74	19	20	2	☺
MD266-20.0A2L400C-	20	4	25	73	125	74	19	20	2	☺	

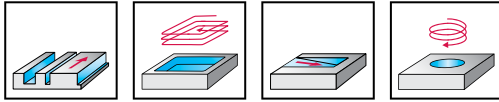
Slot milling $a_p \leq 0,9 \times D_c$ | Shoulder milling $a_e \leq 0,6 \times D_c$ | Ordering example for the grade WJ30UU: MD266-02.0A2B020E-WJ30UU

Solid carbide shoulder/slot milling cutters

MD266 Supreme



- Long reach



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₃ mm	l ₁ mm	l ₄ mm	d ₂ mm	d ₁ mm	Z	WJ30UU
<p>DIN 6535 HA</p>	MD266-10.0A3B050C-	10	0,5	20	30	72	31	9,5	10	3	☺
	MD266-10.0A3B100C-	10	1	20	30	72	31	9,5	10	3	☺
	MD266-10.0A3B200C-	10	2	20	30	72	31	9,5	10	3	☺
	MD266-10.0A3L050D-	10	0,5	15	48	90	49	9,5	10	3	☺
	MD266-10.0A3L100D-	10	1	15	48	90	49	9,5	10	3	☺
	MD266-10.0A3L200D-	10	2	15	48	90	49	9,5	10	3	☺
	MD266-12.0A3B050C-	12	0,5	24	36	83	37	11,4	12	3	☺
	MD266-12.0A3B200C-	12	2	24	36	83	37	11,4	12	3	☺
	MD266-12.0A3B300C-	12	3	24	36	83	37	11,4	12	3	☺
	MD266-12.0A3L050D-	12	0,5	18	53	100	54	11,4	12	3	☺
	MD266-12.0A3L200D-	12	2	18	53	100	54	11,4	12	3	☺
	MD266-12.0A3L300D-	12	3	18	53	100	54	11,4	12	3	☺
	MD266-12.0A3X050E-	12	0,5	12	68	115	69	11,4	12	3	☺
	MD266-12.0A3X200E-	12	2	12	68	115	69	11,4	12	3	☺
	MD266-12.0A3X300E-	12	3	12	68	115	69	11,4	12	3	☺
	MD266-16.0A3B050C-	16	0,5	32	42	92	43	15,2	16	3	☺
	MD266-16.0A3B200C-	16	2	32	42	92	43	15,2	16	3	☺
	MD266-16.0A3B300C-	16	3	32	42	92	43	15,2	16	3	☺
	MD266-16.0A3B400C-	16	4	32	42	92	43	15,2	16	3	☺
	MD266-16.0A3L050D-	16	0,5	24	65	115	66	15,2	16	3	☺
	MD266-16.0A3L200D-	16	2	24	65	115	66	15,2	16	3	☺
	MD266-16.0A3L300D-	16	3	24	65	115	66	15,2	16	3	☺
	MD266-16.0A3L400D-	16	4	24	65	115	66	15,2	16	3	☺
	MD266-16.0A3X050E-	16	0,5	16	80	130	81	15,2	16	3	☺
	MD266-16.0A3X200E-	16	2	16	80	130	81	15,2	16	3	☺
	MD266-16.0A3X300E-	16	3	16	80	130	81	15,2	16	3	☺
	MD266-16.0A3X400E-	16	4	16	80	130	81	15,2	16	3	☺
	MD266-20.0A3L050C-	20	0,5	25	73	125	74	19	20	3	☺
	MD266-20.0A3L300C-	20	3	25	73	125	74	19	20	3	☺
	MD266-20.0A3L400C-	20	4	25	73	125	74	19	20	3	☺
	MD266-20.0A3X050D-	20	0,5	20	88	140	89	19	20	3	☺
	MD266-20.0A3X300D-	20	3	20	88	140	89	19	20	3	☺
MD266-20.0A3X400D-	20	4	20	88	140	89	19	20	3	☺	
MD266-25.0A3B050B-	25	0,5	43,75	52	110	53	23,8	25	3	☺	

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WJ30UU: MD266-10.0A3B050C-WJ30UU

WALTER SELECT ●● Primary application ● Other application

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

Tool	Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_2 mm	d_1 mm	Z	WJ30UU
 DIN 6535 HA	MD266-25.0A3B300B-	25	3	43,75	52	110	53	23,8	25	3	☺
	MD266-25.0A3B400B-	25	4	43,75	52	110	53	23,8	25	3	☺
	MD266-25.0A3L050B-	25	0,5	37,5	72	130	73	23,8	25	3	☺
	MD266-25.0A3L300B-	25	3	37,5	72	130	73	23,8	25	3	☺
	MD266-25.0A3L400B-	25	4	37,5	72	130	73	23,8	25	3	☺
	MD266-25.0A3X050C-	25	0,5	25	92	150	93	23,8	25	3	☺
	MD266-25.0A3X300C-	25	3	25	92	150	93	23,8	25	3	☺
	MD266-25.0A3X400C-	25	4	25	92	150	93	23,8	25	3	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WJ30UU: MD266-10.0A3B050C-WJ30UU

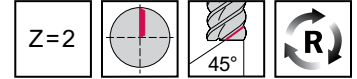
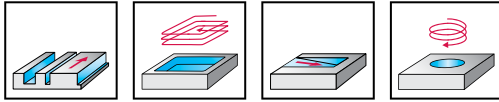
D1

Solid carbide shoulder/slot milling cutters

MC267 Advance



- Type AI 45



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool		D _c h10 mm	l ₁₁ mm	L _c mm	l ₄ mm	l ₁ mm	d ₁ mm	Z	WJ30UU
<p>DIN 6535 HA</p>	MC267-01.0A2B-	1		3	21	57	6	2	☺
	MC267-01.5A2B-	1,5		3	21	57	6	2	☺
	MC267-02.0A2B-	2		6	21	57	6	2	☺
	MC267-02.5A2B-	2,5		7	21	57	6	2	☺
	MC267-03.0A2B-	3		7	21	57	6	2	☺
	MC267-03.5A2B-	3,5		7	21	57	6	2	☺
	MC267-04.0A2B-	4	0,1	8	21	57	6	2	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30UU: MC267-01.0A2B-WJ30UU

D1

WALTER SELECT ●● Primary application ● Other application

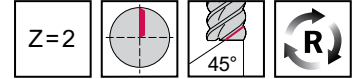
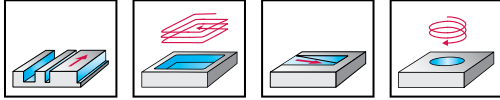
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC267 Advance



- Type Al 45



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool	Designation	D _c h10 mm	l ₁₁ mm	L _c mm	l ₃ mm	l ₄ mm	l ₁ mm	d ₂ mm	d ₁ mm	Z	WJ30UU
<p>DIN 6535 HA</p>	MC267-01.0A2BC-	1		3	7	21	57	1	6	2	☺
	MC267-01.5A2BC-	1,5		3	7	21	57	1,4	6	2	☺
	MC267-02.0A2BC-	2		6	10	21	57	1,9	6	2	☺
	MC267-02.5A2BC-	2,5		7	10	21	57	2,4	6	2	☺
	MC267-03.0A2BC-	3		7	10	21	57	2,9	6	2	☺
	MC267-03.5A2BC-	3,5		7	15	21	57	3,3	6	2	☺
	MC267-04.0A2BC-	4	0,1	8	15	21	57	3,8	6	2	☺
	MC267-05.0A2BC-	5	0,1	10	16	21	57	4,8	6	2	☺
	MC267-06.0A2BC-	6	0,1	10	19	21	57	5,7	6	2	☺
	MC267-08.0A2BC-	8	0,1	16	25	27	63	7,6	8	2	☺
	MC267-10.0A2BC-	10	0,1	19	30	32	72	9,5	10	2	☺
	MC267-12.0A2BC-	12	0,1	22	36	38	83	11,4	12	2	☺
	MC267-16.0A2BC-	16	0,15	26	42	44	92	15,2	16	2	☺
	MC267-20.0A2BC-	20	0,15	32	52	54	104	19	20	2	☺

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30UU: MC267-01.0A2BC-WJ30UU

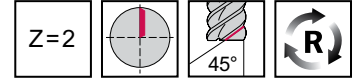
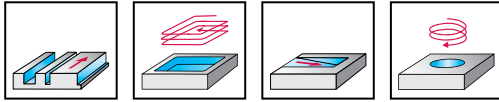
D1

Solid carbide shoulder/slot milling cutters

MC267 Advance



- Type AI 45



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool		D _c h9 mm	R mm	L _c mm	l ₃ mm	l ₄ mm	l ₁ mm	d ₂ mm	d ₁ mm	Z	WJ30UU
<p>DIN 6535 HA</p>	Designation										
	MC267-05.0A2B050C-	5	0,5	10	16	21	57	4,8	6	2	☺
	MC267-06.0A2B050C-	6	0,5	10	19	21	57	5,7	6	2	☺
	MC267-08.0A2B050C-	8	0,5	16	25	27	63	7,6	8	2	☺
	MC267-10.0A2B050C-	10	0,5	19	30	32	72	9,5	10	2	☺
	MC267-10.0A2B100C-	10	1	19	30	32	72	9,5	10	2	☺
	MC267-10.0A2B200C-	10	2	19	30	32	72	9,5	10	2	☺
	MC267-12.0A2B050C-	12	0,5	22	36	38	83	11,4	12	2	☺
	MC267-12.0A2B100C-	12	1	22	36	38	83	11,4	12	2	☺
	MC267-12.0A2B200C-	12	2	22	36	38	83	11,4	12	2	☺
	MC267-12.0A2B300C-	12	3	22	36	38	83	11,4	12	2	☺
	MC267-16.0A2B050C-	16	0,5	26	42	44	92	15,2	16	2	☺
	MC267-16.0A2B300C-	16	3	26	42	44	92	15,2	16	2	☺
	MC267-16.0A2B400C-	16	4	26	42	44	92	15,2	16	2	☺
	MC267-20.0A2B050C-	20	0,5	32	52	54	104	19	20	2	☺
	MC267-20.0A2B300C-	20	3	32	52	54	104	19	20	2	☺
MC267-20.0A2B400C-	20	4	32	52	54	104	19	20	2	☺	

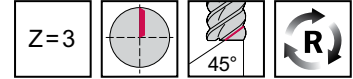
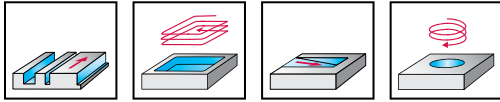
Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30UU: MC267-05.0A2B050C-WJ30UU

Solid carbide shoulder/slot milling cutters

MC267 Advance



- Type AI 45



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool	Designation	D _c h10 mm	l ₁₁ mm	L _c mm	l ₃ mm	l ₄ mm	l ₁ mm	d ₂ mm	d ₁ mm	Z	WJ30UU
<p>DIN 6535 HA</p>	★ MC267-01.0A3BC-	1		3	7	21	57	1	6	3	☹
	★ MC267-01.5A3BC-	1,5		4,5	8	21	57	1,4	6	3	☹
	★ MC267-02.0A3BC-	2		6	10	21	57	1,9	6	3	☹
	★ MC267-02.5A3BC-	2,5		7	10	21	57	2,4	6	3	☹
	★ MC267-03.0A3BC-	3		7	10	21	57	2,9	6	3	☹
	★ MC267-04.0A3BC-	4	0,1	8	15	21	57	3,8	6	3	☹
	★ MC267-05.0A3BC-	5	0,1	10	16	21	57	4,8	6	3	☹
	★ MC267-06.0A3BC-	6	0,1	10	19	21	57	5,7	6	3	☹
	★ MC267-08.0A3BC-	8	0,1	16	25	27	63	7,6	8	3	☹
	★ MC267-10.0A3BC-	10	0,1	19	30	32	72	9,5	10	3	☹
	★ MC267-12.0A3BC-	12	0,1	22	36	38	83	11,4	12	3	☹
	★ MC267-16.0A3BC-	16	0,15	26	42	44	92	15,2	16	3	☹
	★ MC267-20.0A3BC-	20	0,15	32	52	54	104	19	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 WJ30UU: MC267-01.0A3BC-WJ30UU

D1

WALTER SELECT ●● Primary application ● Other application

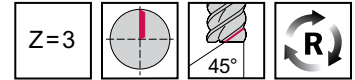
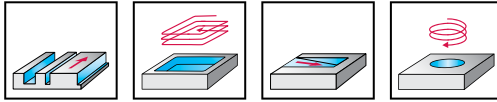
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★ machining conditions

Solid carbide shoulder/slot milling cutters

MC267 Advance



- Type AI 45



	P	M	K	N	S	H	O
WJ30CA				●●			
WJ30UU				●●			

Tool		D _c h9 mm	R mm	L _c mm	l ₃ mm	l ₄ mm	l ₁ mm	d ₂ mm	d ₁ mm	Z	WJ30CA	WJ30UU
<p>DIN 6535 HA</p>	Designation											
	MC267-01.0A3B020C-	1	0,2	3	7	21	57	1	6	3	☺	☺
	MC267-02.0A3B020C-	2	0,2	6	10	21	57	1,9	6	3	☺	☺
	MC267-03.0A3B020C-	3	0,2	7	10	21	57	2,9	6	3	☺	☺
	MC267-04.0A3B030C-	4	0,3	8	15	21	57	3,8	6	3	☺	☺
	MC267-05.0A3B050C-	5	0,5	10	16	21	57	4,8	6	3	☺	☺
	MC267-06.0A3B050C-	6	0,5	10	19	21	57	5,7	6	3	☺	☺
	MC267-08.0A3B050C-	8	0,5	16	25	27	63	7,6	8	3	☺	☺
	MC267-10.0A3B050C-	10	0,5	19	30	32	72	9,5	10	3	☺	☺
	MC267-12.0A3B050C-	12	0,5	22	36	38	83	11,4	12	3	☺	☺
MC267-16.0A3B050C-	16	0,5	26	42	44	92	15,2	16	3	☺	☺	
MC267-20.0A3B050C-	20	0,5	32	52	54	104	19	20	3	☺	☺	

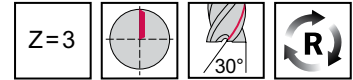
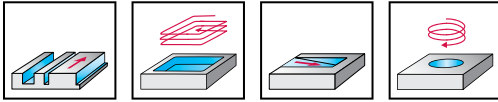
Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30CA: MC267-01.0A3B020C-WJ30CA

Solid carbide shoulder/slot milling cutters

MD265 Supreme



- Long reach



	P	M	K	N	S	H	O
WJ30DD				●●			
WJ30UU				●●			

Tool	Designation	D _c h9 mm	l ₁₁ mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WJ30DD	WJ30UU
<p>DIN 6535 HA</p>	MD265-16.0A3BC-	16	0,39	24	42	15,2	92	44	16	3	☺	☺
	MD265-16.0A3LD-	16	0,39	20	65	15,2	115	67	16	3		☺
	MD265-20.0A3BC-	20	0,39	35	52	19	104	54	20	3	☺	☺
	MD265-20.0A3LC-	20	0,39	25	73	19	125	75	20	3		☺
	MD265-20.0A3XD-	20	0,39	20	88	19	140	90	20	3		☺
	MD265-25.0A3BC-	25	0,39	40	52	23,8	110	54	25	3	☺	☺
	MD265-25.0A3LB-	25	0,39	31	72	23,8	130	74	25	3		☺
	MD265-25.0A3XC-	25	0,39	25	92	23,8	150	94	25	3		☺

Slot milling $a_p \leq 1.5 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WJ30DD: MD265-16.0A3BC-WJ30DD

D1

WALTER SELECT

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★

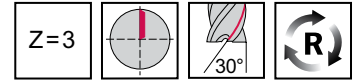
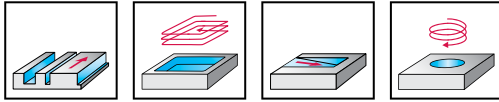
●● Primary application ● Other application

Solid carbide shoulder/slot milling cutters

MD265 Supreme



- Long reach



	P	M	K	N	S	H	O
WJ30DD				●●			
WJ30UU				●●			

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	Application	
											WJ30DD	WJ30UU
<p>DIN 6535 HA</p>	MD265-16.0A3B200C-	16	2	24	42	15,2	92	44	16	3	☺	☺
	★ MD265-16.0A3L200D-	16	2	20	65	15,2	115	67	16	3	☹	☺
	MD265-16.0A3B300C-	16	3	24	42	15,2	92	44	16	3	☺	☺
	MD265-16.0A3L300D-	16	3	20	65	15,2	115	67	16	3		☺
	MD265-16.0A3B400C-	16	4	24	42	15,2	92	44	16	3	☺	☺
	MD265-16.0A3L400D-	16	4	20	65	15,2	115	67	16	3		☺
	MD265-20.0A3B200C-	20	2	35	52	19	104	54	20	3	☺	☺
	★ MD265-20.0A3L200C-	20	2	25	73	19	125	75	20	3	☹	☺
	★ MD265-20.0A3X200D-	20	2	20	88	19	140	90	20	3	☹	☺
	MD265-20.0A3B300C-	20	3	35	52	19	104	54	20	3	☺	☺
	MD265-20.0A3L300C-	20	3	25	73	19	125	75	20	3		☺
	MD265-20.0A3X300D-	20	3	20	88	19	140	90	20	3		☺
	MD265-20.0A3B400C-	20	4	35	52	19	104	54	20	3	☺	☺
	MD265-20.0A3L400C-	20	4	25	73	19	125	75	20	3		☺
	MD265-20.0A3X400D-	20	4	20	88	19	140	90	20	3		☺
	MD265-25.0A3B200C-	25	2	40	52	23,8	110	54	25	3	☺	☺
	MD265-25.0A3L200B-	25	2	31	72	23,8	130	74	25	3		☺
	MD265-25.0A3X200C-	25	2	25	92	23,8	150	94	25	3		☺
	MD265-25.0A3B300C-	25	3	40	52	23,8	110	54	25	3	☺	☺
	MD265-25.0A3L300B-	25	3	31	72	23,8	130	74	25	3		☺
MD265-25.0A3X300C-	25	3	25	92	23,8	150	94	25	3		☺	
MD265-25.0A3B400C-	25	4	40	52	23,8	110	54	25	3	☺	☺	
MD265-25.0A3L400B-	25	4	31	72	23,8	130	74	25	3		☺	
MD265-25.0A3X400C-	25	4	25	92	23,8	150	94	25	3		☺	

Slot milling $a_p \leq 1.5 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WJ30DD: MD265-16.0A3B200C-WJ30DD

WALTER SELECT

●● Primary application ● Other application

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

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

D1

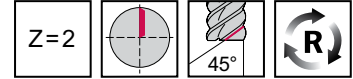
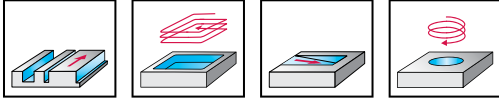
Solid carbide shoulder/slot milling cutters

H602551

Protostar®



- Type AI 45, long



	P	M	K	N	S	H	O
uncoated				●●			

Tool	Designation	D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z
<p>DIN 6535 HA</p>	H602551-6	6	0,1	35	80	44	6	2
	H602551-8	8	0,1	45	97	61	8	2
	H602551-10	10	0,1	50	118	78	10	2
	H602551-12	12	0,1	60	120	75	12	2
	H602551-16	16	0,15	65	130	82	16	2
	H602551-20	20	0,15	75	145	95	20	2

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$

D1

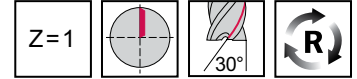
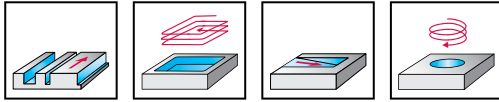
Solid carbide shoulder/slot milling cutters

H901451

Protostar®



- Type AI 30



	P	M	K	N	S	H	O
uncoated				●●			

Tool		D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
<p>DIN 6535 HA</p>	H901451-3	3		7	57	21	6	1
	H901451-4	4		8	57	21	6	1
	H901451-5	5		10	57	21	6	1
	H901451-6	6		10	57	21	6	1
	H901451-8	8		16	63	27	8	1
	H901451-10	10	0,1	19	72	32	10	1

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

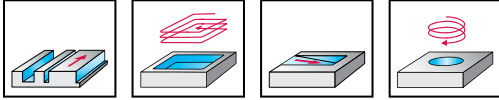
Solid carbide shoulder/slot milling cutters

H901411

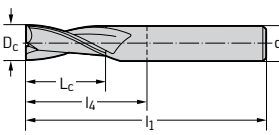
Protostar®



- Type Al 30



	P	M	K	N	S	H	O
uncoated				●●			

Tool	Designation	D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z
	H901411-6	6		10	57	21	6	2
	H901411-8	8		16	63	27	8	2
	H901411-12	12	0,1	22	83	38	12	2

DIN 6535 HA

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$

D1

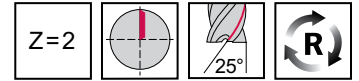
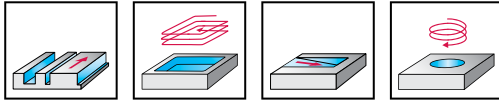
Solid carbide shoulder/slot milling cutters

H602641

Protostar®



- Type AI 25



	P	M	K	N	S	H	O
uncoated				●●			

Tool		D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
<p>DIN 6535 HA</p>	Designation							
	H602641-2	2		8	38	10,5	3	2
	H602641-3	3		12	38	12	3	2
	H602641-4	4		14	50	22	4	2
	H602641-5	5		16	57	21	6	2
	H602641-6	6		22	65	29	6	2
	H602641-8	8		28	80	44	8	2
	H602641-10	10	0,1	32	90	50	10	2
	H602641-12	12	0,1	38	100	55	12	2
	H602641-16	16	0,15	50	115	67	16	2
H602641-20	20	0,15	50	125	75	20	2	

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$

D1

WALTER SELECT ●● Primary application ● Other application

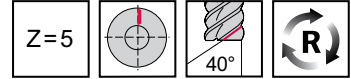
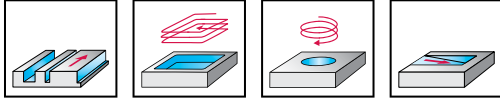
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Solid carbide shoulder/slot milling cutter

MD377 Supreme



- Long reach
- optimized for Titanium



	P	M	K	N	S	H	O
WK40TZ		●			●●		

Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WK40TZ
DIN 6535 HA	MD377-06.0A5B050C-	6	0,5	13	19	5,7	57	21	6	5	☺
	MD377-06.0A5B100C-	6	1	13	19	5,7	57	21	6	5	☺
	MD377-08.0A5B050C-	8	0,5	19	25	7,6	63	27	8	5	☺
	MD377-08.0A5B100C-	8	1	19	25	7,6	63	27	8	5	☺
	MD377-10.0A5B050C-	10	0,5	22	30	9,5	72	32	10	5	☺
	MD377-10.0A5B100C-	10	1	22	30	9,5	72	32	10	5	☺
	MD377-12.0A5B050C-	12	0,5	26	36	11,4	83	38	12	5	☺
	MD377-12.0A5B100C-	12	1	26	36	11,4	83	38	12	5	☺
	MD377-12.0A5B200C-	12	2	26	36	11,4	83	38	12	5	☺
	MD377-12.0A5B300C-	12	3	26	36	11,4	83	38	12	5	☺
	MD377-16.0A5B300C-	16	3	32	42	15,2	92	44	16	5	☺
	MD377-16.0A5B400C-	16	4	32	42	15,2	92	44	16	5	☺
	MD377-20.0A5B300C-	20	3	38	52	19	104	54	20	5	☺
	MD377-20.0A5B400C-	20	4	38	52	19	104	54	20	5	☺
DIN 6535 HB	MD377-25.0A5B300C-	25	3	45	63	23,8	121	65	25	5	☺
	MD377-25.0A5B400C-	25	4	45	63	23,8	121	65	25	5	☺
	MD377-25.0A5B635C-	25	6,35	45	63	23,8	121	65	25	5	☺
	MD377-16.0W5B300C-	16	3	32	42	15,2	92	44	16	5	☺
	MD377-16.0W5B400C-	16	4	32	42	15,2	92	44	16	5	☺
	MD377-20.0W5B300C-	20	3	38	52	19	104	54	20	5	☺
	MD377-20.0W5B400C-	20	4	38	52	19	104	54	20	5	☺

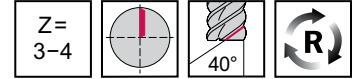
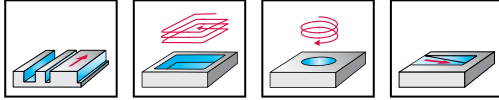
Shoulder milling $a_e \leq 0.6 \times D_c$ | Slot milling $a_p \leq 1.5 \times D_c$ | Ordering example for the grade WK40TZ: MD377-06.0A5B050C-WK40TZ

Solid carbide shoulder/slot milling cutter

MC377 Advance



- Long reach



	P	M	K	N	S	H	O
WK40EA	●	●			●●		

Tool		D_c h9 mm	l_{11} mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40EA
<p>DIN 6535 HA</p>	Designation										
	MC377-02.0A3BC-	2	0,1	6	10	1,9	57	21	6	3	☺
	MC377-03.0A4BC-	3	0,1	8	10	2,9	57	21	6	4	☺
	MC377-04.0A4BC-	4	0,1	11	15	3,8	57	21	6	4	☺
	MC377-05.0A4BC-	5	0,1	13	16	4,8	57	21	6	4	☺
	MC377-06.0A4BC-	6	0,1	13	19	5,7	57	21	6	4	☺
	MC377-08.0A4BC-	8	0,1	19	25	7,6	63	27	8	4	☺
	MC377-10.0A4BC-	10	0,1	22	30	9,5	72	32	10	4	☺
MC377-12.0A4BC-	12	0,1	26	36	11,4	83	38	12	4	☺	

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WK40EA: MC377-02.0A3BC-WK40EA

WALTER SELECT ●● Primary application ● Other application

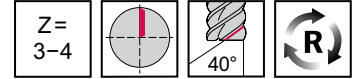
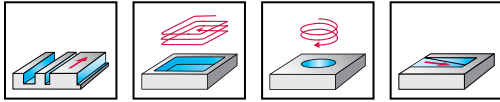
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutter

MC377 Advance



- Long reach
- Type Ti 40



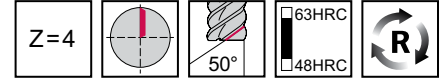
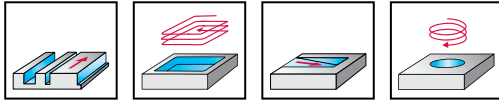
	P	M	K	N	S	H	O
WK40EA	●	●	●	●	●●	●	●

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	WK40EA
<p>DIN 6535 HA</p>	MC377-02.0A3B020C-	2	0,2	6	10	1,9	57	21	6	3	☺
	MC377-03.0A4B030C-	3	0,3	8	10	2,9	57	21	6	4	☺
	MC377-04.0A4B050C-	4	0,5	11	15	3,8	57	21	6	4	☺
	MC377-05.0A4B050C-	5	0,5	13	16	4,8	57	21	6	4	☺
	MC377-06.0A4B050C-	6	0,5	13	19	5,7	57	21	6	4	☺
	MC377-06.0A4B080C-	6	0,8	13	19	5,7	57	21	6	4	☺
	MC377-06.0A4B100C-	6	1	13	19	5,7	57	21	6	4	☺
	MC377-08.0A4B050C-	8	0,5	19	25	7,6	63	27	8	4	☺
	MC377-08.0A4B100C-	8	1	19	25	7,6	63	27	8	4	☺
	MC377-10.0A4B050C-	10	0,5	22	30	9,5	72	32	10	4	☺
	MC377-10.0A4B100C-	10	1	22	30	9,5	72	32	10	4	☺
	MC377-12.0A4B050C-	12	0,5	26	36	11,4	83	38	12	4	☺
	MC377-12.0A4B100C-	12	1	26	36	11,4	83	38	12	4	☺
	MC377-12.0A4B200C-	12	2	26	36	11,4	83	38	12	4	☺
	MC377-12.0A4B300C-	12	3	26	36	11,4	83	38	12	4	☺
	MC377-16.0A4B100C-	16	1	32	42	15,2	92	44	16	4	☺
	MC377-16.0A4B300C-	16	3	32	42	15,2	92	44	16	4	☺
	MC377-16.0A4B400C-	16	4	32	42	15,2	92	44	16	4	☺
	MC377-20.0A4B300C-	20	3	38	52	19	104	54	20	4	☺
	MC377-20.0A4B400C-	20	4	38	52	19	104	54	20	4	☺
MC377-25.0A4B300C-	25	3	45	63	23,8	121	65	25	4	☺	
MC377-25.0A4B400C-	25	4	45	63	23,8	121	65	25	4	☺	
<p>DIN 6535 HB</p>	MC377-16.0W4B300C-	16	3	32	42	15,2	92	44	16	4	☺
	MC377-16.0W4B400C-	16	4	32	42	15,2	92	44	16	4	☺
	MC377-20.0W4B300C-	20	3	38	52	19	104	54	20	4	☺
	MC377-20.0W4B400C-	20	4	38	52	19	104	54	20	4	☺
	MC377-25.0W4B300C-	25	3	45	63	23,8	121	65	25	4	☺
MC377-25.0W4B400C-	25	4	45	63	23,8	121	65	25	4	☺	

Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WK40EA: MC377-02.0A3B020C-WK40EA

Solid carbide shoulder/slot milling cutter

MC388 Advance



	P	M	K	N	S	H	O
WB10TG	●					●●	

Tool		D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WB10TG
	MC388-06.0A4B-	6	0,1	13	57	21	6	4	☺
	MC388-08.0A4B-	8	0,1	19	63	27	8	4	☺
	MC388-10.0A4B-	10	0,1	22	72	32	10	4	☺
	MC388-12.0A4B-	12	0,1	26	83	38	12	4	☺
DIN 6535 HA									
	MC388-06.0W4B-	6	0,1	13	57	21	6	4	☺
	MC388-08.0W4B-	8	0,1	19	63	27	8	4	☺
	MC388-10.0W4B-	10	0,1	22	72	32	10	4	☺
	MC388-12.0AWB-	12	0,1	26	83	38	12	4	☺
DIN 6535 HB									

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

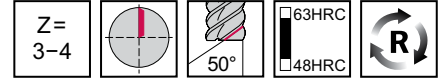
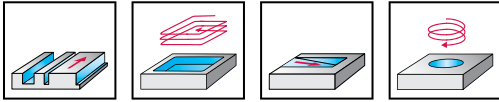
D1

WALTER SELECT ●● Primary application ● Other application

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

Solid carbide shoulder/slot milling cutter

MC388 Advance



	P	M	K	N	S	H	O
WB10TG	●					●●	

Tool	Designation	D _c h10 mm	h ₁ mm	L _c mm	h mm	l ₄ mm	d ₁ mm	Z	WB10TG
<p>DIN 6535 HA</p>	MC388-02.0A3B-	2	0,1	7	57	21	6	3	☺
	MC388-03.0A3B-	3	0,1	8	57	21	6	3	☺
	MC388-04.0A3B-	4	0,1	11	57	21	6	3	☺
	MC388-05.0A3B-	5	0,1	13	57	21	6	3	☺
	MC388-06.0A4L-	6	0,1	13	65	29	6	4	☺
	MC388-08.0A4L-	8	0,1	19	80	44	8	4	☺
	MC388-10.0A4L-	10	0,1	22	100	60	10	4	☺
	MC388-12.0A4L-	12	0,1	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

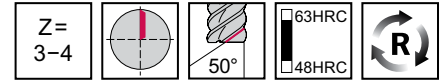
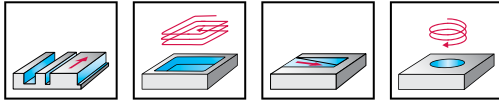
WALTER SELECT

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★

●● Primary application ● Other application

Solid carbide shoulder/slot milling cutter

MC388 Advance inch



	P	M	K	N	S	H	O
WB10TG	●					●●	

Tool		Designation	D _c h10	D _c h10 inch	l ₁₁ inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ inch	Z	WB10TG
		MC388.3.18A3L-	1/8"	0,1250	0,004	0,500	2,500	1,083	0,250	3	☺
		MC388.6.35A4L-	1/4"	0,2500	0,004	0,750	2,500	1,083	0,250	4	☺
		MC388.9.53A4L-	3/8"	0,3750	0,004	0,875	3,000	1,437	0,375	4	☺
		MC388.12.7A4L-	1/2"	0,5000	0,006	1,000	3,500	1,717	0,500	4	☺

Cylindrical shank

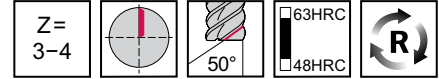
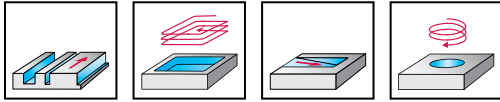
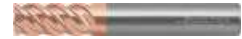
Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WB10TG: MC388.12.7A4L-WB10TG

D1

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

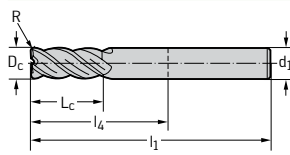
Solid carbide shoulder/slot milling cutter

MC388 Advance



	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

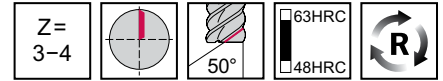
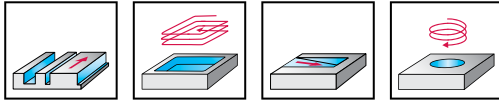
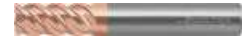
D1

WALTER
SELECT

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

Solid carbide shoulder/slot milling cutter

MC388 Advance inch



	P	M	K	N	S	H	O
WB10TG	●					●●	

Tool		D _c h10	D _c h10 inch	R inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ inch	Z	WB10TG
	Designation									
	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	☺

Cylindrical shank

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

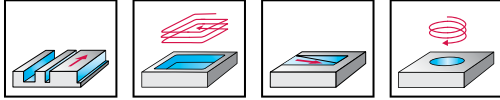
WALTER SELECT ●● Primary application ● Other application

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

Solid carbide shoulder/slot milling cutters

 H8015828
Protostar® Ultra


- Long reach
- Type HSC 30



TAX	P	M	K	N	S	H	O
-----	---	---	---	---	---	---	---

Tool	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
<p>DIN 6535 HA</p>	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**

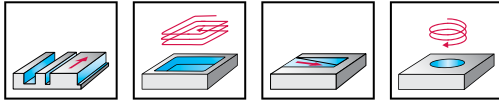
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Solid carbide shoulder/slot milling cutter

MC281 Advance



- Long reach



	P	M	K	N	S	H	O
WB10TG						●●	

Tool		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
<p>DIN 6535 HA</p>	Designation										
	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

WALTER SELECT ●● Primary application ● Other application

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

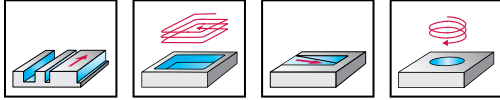
Solid carbide shoulder/slot milling cutters

H8005828

Protostar® Ultra



- Long reach
- Type HSC 30



	P	M	K	N	S	H	O
TAX						●●	

Tool		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
	Designation									
	H8005828-1	1	0,1	1	4	1	65	29	6	2
	H8005828-1.2	1,2	0,12	1,2	5	1,2	65	29	6	2
	H8005828-1.5	1,5	0,15	1,5	6	1,5	65	29	6	2
	H8005828-2-0.2	2	0,2	2	8	2	75	39	6	2
	H8005828-3-0.2	3	0,2	3	12	3	75	39	6	2
	H8005828-3-0.3	3	0,3	3	12	3	75	39	6	2
DIN 6535 HA										

Slot milling $a_p \leq 0.1 \times D_c$ | Shoulder milling $a_e \leq 0.1 \times D_c$

D1

WALTER SELECT

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

●● Primary application ● Other application

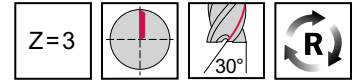
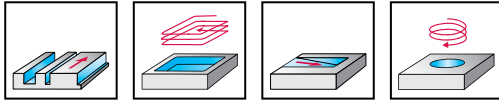
Solid carbide shoulder/slot milling cutters

H3027419

Protostar®



- Type 30



	P	M	K	N	S	H	O
DIA							●●

Tool		D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
<p>DIN 6535 HA</p>	Designation							
	H3027419-1	1		4	38	10	3	3
	H3027419-1.5	1,5		6	38	10	3	3
	H3027419-2	2		8	38	10,5	3	3
	H3027419-3	3		12	38	12	3	3
	H3027419-4	4		14	50	22	4	3
	H3027419-5	5		16	57	21	6	3
	H3027419-6	6		22	65	29	6	3
	H3027419-8	8		28	80	44	8	3
	H3027419-10	10	0,1	32	100	60	10	3
	H3027419-12	12	0,1	38	100	55	12	3

Slot milling $a_p \leq 0.3 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$

D1

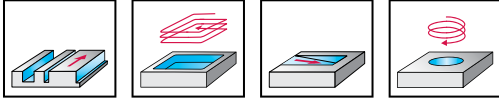
WALTER SELECT ●● Primary application ● Other application

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

Solid carbide shoulder/slot milling cutters

 H8095919
Protostar®


- Long reach
- Type HSC 30



	P	M	K	N	S	H	O
DIA							●●

Tool		D _c h8 mm	R mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ mm	Z
<p>DIN 6535 HA</p>	Designation									
	H8095919-4-20	4	0,5	4	20	3,9	100	64	6	2
	H8095919-4-30	4	0,5	4	30	3,9	100	64	6	2
	H8095919-4-40	4	0,5	4	40	3,9	100	64	6	2
	H8095919-5-50	5	0,5	5	50	4,9	100	64	6	2
	H8095919-6-30	6	0,5	6	30	5,9	100	64	6	4
	H8095919-6-45	6	0,5	6	45	5,9	100	64	6	4
	H8095919-6-60	6	0,5	6	60	5,9	100	64	6	4
	H8095919-8-40	8	0,5	8	40	7,9	120	84	8	4
	H8095919-8-60	8	0,5	8	60	7,9	120	84	8	4
	H8095919-8-80	8	0,5	8	80	7,9	120	84	8	4
	H8095919-10-50	10	1	10	50	9,9	150	110	10	4
H8095919-12-60	12	1	12	60	11,8	150	105	12	4	

 Slot milling $a_p \leq 0.3 \times D_c$ | 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

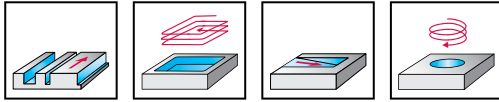
Solid carbide shoulder/slot milling cutters

H4044919

Protostar®



- Long reach
- Type HSC 30, mini



	P	M	K	N	S	H	O
DIA							●●

Tool		D _c h8 mm	R mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ mm	Z
<p>DIN 6535 HA</p>	Designation									
	H4044919-0.6-9	0,6	0,05	0,6	9	0,6	38	13	3	2
	H4044919-1-10	1	0,1	1	10	1	60	32	3	2
	H4044919-1-15	1	0,1	1	15	1	60	32	3	2
	H4044919-1.5-7.5	1,5	0,15	1,5	8	1,5	60	32	3	2
	H4044919-2-10	2	0,2	2	10	2	60	32	3	2
	H4044919-2-15	2	0,2	2	15	2	60	32	3	2
	H4044919-2-20	2	0,2	2	20	2	60	32	3	2
	H4044919-2-30	2	0,2	2	30	2	60	32	3	2
	H4044919-3-15	3	0,3	3	15	3	60	32	3	2
	H4044919-3-30	3	0,3	3	30	3	60	32	3	2

Slot milling $a_p \leq 0.1 \times D_c$ | Shoulder milling $a_e \leq 0.05 \times D_c$

D1

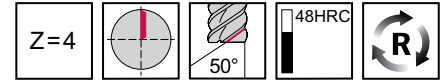
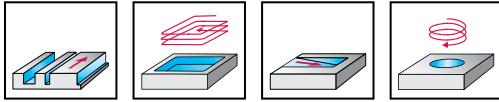
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D _c	D _c inch	l _H inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WK40TF
 Cylindrical shank	MC326.6.35A4C-	1/4"	0,2500	0,004	0,375	2,000	0,583	0,250	4	☺
	MC326.7.94A4C-	5/16"	0,3125	0,004	0,500	2,500	0,937	0,375	4	☺
	MC326.9.53A4C-	3/8"	0,3750	0,004	0,500	2,500	0,937	0,375	4	☺
	MC326.12.7A4C-	1/2"	0,5000	0,006	0,625	3,000	1,217	0,500	4	☺
	MC326.15.9A4C-	5/8"	0,6250	0,006	0,750	3,000	1,094	0,625	4	☺

Slot milling $a_p \leq 0,9 \times D_c$ | Shoulder milling $a_e \leq 0,3 \times D_c$ | Ordering example for the grade WK40TF: MC326.12.7A4C-WK40TF

	Bezeichnung	D _c	D _c inch	l _H inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WK40TF
 Cylindrical shank	MC326.7.94A4D-	5/16"	0,3125	0,004	0,813	3,000	1,437	0,375	4	☺
	MC326.12.7A4D-	1/2"	0,5000	0,006	1,000	3,500	1,717	0,500	4	☺
	MC326.12.7A4DI-	1/2"	0,5000	0,006	1,250	3,500	1,717	0,500	4	☺
	MC326.15.9A4D-	5/8"	0,6250	0,006	1,250	3,500	1,594	0,625	4	☺
	MC326.19.1A4D-	3/4"	0,7500	0,006	0,750	4,000	1,969	0,750	4	☺

Slot milling $a_p \leq 0,9 \times D_c$ | Shoulder milling $a_e \leq 0,3 \times D_c$ | Ordering example for the grade WK40TF: MC326.12.7A4C-WK40TF

D1

WALTER
SELECT

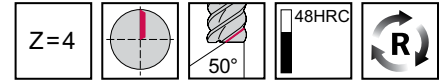
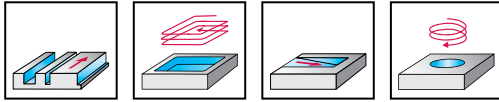
●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●	●	●

Tool	Designation	D _c	D _c inch	R inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WK40TF
<p>Cylindrical shank</p>	MC326.6.35A4C038-	1/4"	0,2500	0,015	0,375	2,000	0,583	0,250	4	☺
	MC326.6.35A4C076-	1/4"	0,2500	0,030	0,375	2,000	0,583	0,250	4	☺
	MC326.7.94A4C076-	5/16"	0,3125	0,030	0,500	2,500	0,937	0,375	4	☺
	MC326.9.53A4C038-	3/8"	0,3750	0,015	0,500	2,500	0,937	0,375	4	☺
	MC326.9.53A4C076-	3/8"	0,3750	0,030	0,500	2,500	0,937	0,375	4	☺
	MC326.12.7A4C038-	1/2"	0,5000	0,015	0,625	3,000	1,217	0,500	4	☺
	MC326.12.7A4C076-	1/2"	0,5000	0,030	0,625	3,000	1,217	0,500	4	☺
	MC326.15.9A4C076-	5/8"	0,6250	0,030	0,750	3,000	1,094	0,625	4	☺
	MC326.15.9A4C152-	5/8"	0,6250	0,060	0,750	3,000	1,094	0,625	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326.12.7A4C038-WK40TF

	Bezeichnung	D _c	D _c inch	R inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WK40TF
<p>Cylindrical shank</p>	MC326.7.94A4D076-	5/16"	0,3125	0,030	0,813	3,000	1,437	0,375	4	☺
	MC326.12.7A4D038-	1/2"	0,5000	0,015	1,000	3,500	1,717	0,500	4	☺
	MC326.12.7A4D076-	1/2"	0,5000	0,030	1,000	3,500	1,717	0,500	4	☺
	MC326.12.7A4D152-	1/2"	0,5000	0,060	1,000	3,500	1,717	0,500	4	☺
	MC326.12.7A4DI038-	1/2"	0,5000	0,015	1,250	3,500	1,717	0,500	4	☺
	MC326.12.7A4DI076-	1/2"	0,5000	0,030	1,250	3,500	1,717	0,500	4	☺
	MC326.12.7A4DI152-	1/2"	0,5000	0,060	1,250	3,500	1,717	0,500	4	☺
	MC326.15.9A4D076-	5/8"	0,6250	0,030	1,250	3,500	1,594	0,625	4	☺
	MC326.15.9A4D152-	5/8"	0,6250	0,060	1,250	3,500	1,594	0,625	4	☺
	MC326.19.1A4D076-	3/4"	0,7500	0,030	0,750	4,000	1,969	0,750	4	☺
MC326.19.1A4D152-	3/4"	0,7500	0,060	1,500	4,000	1,969	0,750	4	☺	

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326.12.7A4C038-WK40TF

WALTER SELECT

●● Primary application ● Other application

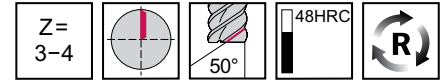
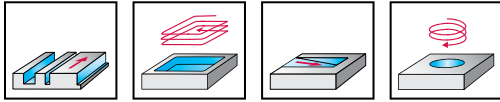
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC326 Supreme



- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D _c h10 mm	h ₁ mm	L _c mm	h ₁ mm	l ₄ mm	d ₁ mm	Z	WK40TF
<p>DIN 6535 HA</p>	MC326-02.0A3L-	2	0,1	7	57	21	6	3	☺
	MC326-02.5A3L-	2,5	0,1	8	57	21	6	3	☺
	MC326-03.0A3L-	3	0,1	8	57	21	6	3	☺
	MC326-03.5A3L-	3,5	0,1	10	57	21	6	3	☺
	MC326-04.0A3L-	4	0,1	11	57	21	6	3	☺
	MC326-04.5A3L-	4,5	0,1	11	57	21	6	3	☺
	MC326-05.0A3L-	5	0,1	13	57	21	6	3	☺
	MC326-06.0A4L-	6	0,1	13	65	29	6	4	☺
	MC326-07.0A4L-	7	0,1	16	80	44	8	4	☺
	MC326-08.0A4L-	8	0,1	19	80	44	8	4	☺
	MC326-09.0A4L-	9	0,1	19	100	60	10	4	☺
	MC326-10.0A4L-	10	0,1	22	100	60	10	4	☺
	MC326-11.0A4L-	11	0,1	26	100	55	12	4	☺
	MC326-12.0A4L-	12	0,1	26	100	55	12	4	☺
	MC326-14.0A4L-	14	0,15	26	104	59	14	4	☺
	MC326-16.0A4L-	16	0,15	32	115	67	16	4	☺
	MC326-20.0A4L-	20	0,15	38	125	75	20	4	☺

 Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-02.0A3L-WK40TF

D1

**WALTER
SELECT**

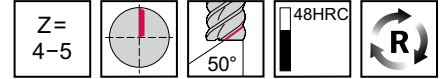
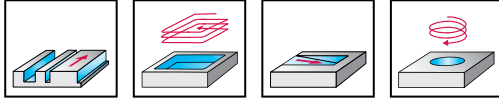
 ●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC326 Supreme



- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool		D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WK40TF
<p>DIN 6535 HA</p>	MC326-06.0A4B-	6	0,1	13	57	21	6	4	☺
	MC326-08.0A4B-	8	0,1	19	63	27	8	4	☺
	MC326-10.0A4B-	10	0,1	22	72	32	10	4	☺
	MC326-12.0A4B-	12	0,1	26	83	38	12	4	☺
	MC326-14.0A4B-	14	0,15	26	83	38	14	4	☺
	MC326-16.0A4B-	16	0,15	32	92	44	16	4	☺
	MC326-18.0A4B-	18	0,15	32	92	44	18	4	☺
	MC326-20.0A4B-	20	0,15	38	104	54	20	4	☺
MC326-25.0A5B-	25	0,15	45	121	65	25	5	☺	
<p>DIN 6535 HB</p>	MC326-06.0W4B-	6	0,1	13	57	21	6	4	☺
	MC326-08.0W4B-	8	0,1	19	63	27	8	4	☺
	MC326-10.0W4B-	10	0,1	22	72	32	10	4	☺
	MC326-12.0W4B-	12	0,1	26	83	38	12	4	☺
	MC326-14.0W4B-	14	0,15	26	83	38	14	4	☺
	MC326-16.0W4B-	16	0,15	32	92	44	16	4	☺
	MC326-18.0W4B-	18	0,15	32	92	44	18	4	☺
	MC326-20.0W4B-	20	0,15	38	104	54	20	4	☺
MC326-25.0W5B-	25	0,15	45	121	65	25	5	☺	

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-06.0A4B-WK40TF

D1

WALTER SELECT ●● Primary application ● Other application

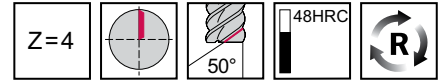
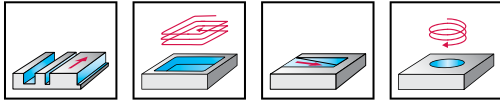
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●	●	●

Tool	Designation	D _c h10	D _c h10 inch	l ₁₁ inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ inch	Z	WK40TF
<p>DIN 6535 HB</p>	MC326.6.35W4D-	1/4"	0,2500	0,004	0,750	3,000	1,437	0,375	4	☺
	MC326.7.94W4D-	5/16"	0,3125	0,004	0,812	3,000	1,437	0,375	4	☺
	MC326.9.53W4D-	3/8"	0,3750	0,004	0,875	3,000	1,437	0,375	4	☺
	MC326.11.1W4D-	7/16"	0,4375	0,004	1,000	3,500	1,717	0,500	4	☺
	MC326.12.7W4D-	1/2"	0,5000	0,006	1,000	3,500	1,717	0,500	4	☺
	MC326.15.9W4D-	5/8"	0,6250	0,006	1,250	3,500	1,594	0,625	4	☺
	MC326.19.1W4D-	3/4"	0,7500	0,006	1,500	4,000	1,969	0,750	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326.11.1W4D-WK40TF

D1

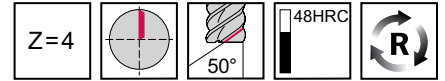
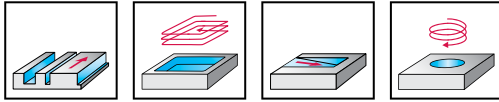
WALTER SELECT	●● Primary application ● Other application
	Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★ machining conditions

Solid carbide shoulder/slot milling cutters

MC326 Supreme



- Long reach
- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool		D _c h10 mm	l ₁₁ mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WK40TF
<p>DIN 6535 HA</p>	MC326-06.0A4BC-	6	0,1	13	19	5,7	57	21	6	4	☺
	MC326-08.0A4BC-	8	0,1	19	25	7,6	63	27	8	4	☺
	MC326-10.0A4BC-	10	0,1	22	30	9,5	72	32	10	4	☺
	MC326-12.0A4BC-	12	0,1	26	36	11,4	83	38	12	4	☺
	MC326-14.0A4BC-	14	0,15	26	36	13,3	83	38	14	4	☺
	MC326-16.0A4BC-	16	0,15	32	42	15,2	92	44	16	4	☺
	MC326-20.0A4BC-	20	0,15	38	52	19	104	54	20	4	☺
<p>DIN 6535 HB</p>	MC326-06.0W4BC-	6	0,1	13	19	5,7	57	21	6	4	☺
	MC326-08.0W4BC-	8	0,1	19	25	7,6	63	27	8	4	☺
	MC326-10.0W4BC-	10	0,1	22	30	9,5	72	32	10	4	☺
	MC326-12.0W4BC-	12	0,1	26	36	11,4	83	38	12	4	☺
	MC326-14.0W4BC-	14	0,15	26	36	13,3	83	38	14	4	☺
	MC326-16.0W4BC-	16	0,15	32	42	15,2	92	44	16	4	☺
	MC326-20.0W4BC-	20	0,15	38	52	19	104	54	20	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-06.0A4BC-WK40TF

D1

WALTER
SELECT

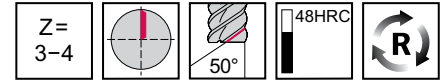
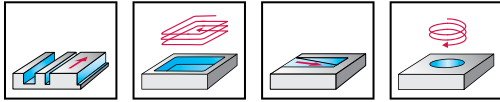
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC326 Supreme



- Long reach
- Type N 50, long



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D _c h10 mm	l ₁₁ mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WK40TF
 DIN 6535 HA	MC326-04.0A3LC-	4	0,1	11	15	3,8	57	21	6	3	☺
	MC326-05.0A3LC-	5	0,1	13	16	4,8	57	21	6	3	☺
	MC326-06.0A4LC-	6	0,1	13	27	5,7	65	29	6	4	☺
	MC326-08.0A4LC-	8	0,1	19	42	7,6	80	44	8	4	☺
	MC326-10.0A4LC-	10	0,1	22	58	9,5	100	60	10	4	☺
	MC326-12.0A4LC-	12	0,1	26	53	11,4	100	55	12	4	☺
	MC326-14.0A4LC-	14	0,15	26	57	13,3	104	59	14	4	☺
	MC326-16.0A4LC-	16	0,15	32	65	15,2	115	67	16	4	☺
 DIN 6535 HB	MC326-04.0W3LC-	4	0,1	11	15	3,8	57	21	6	3	☺
	MC326-05.0W3LC-	5	0,1	13	16	4,8	57	21	6	3	☺
	MC326-06.0W4LC-	6	0,1	13	27	5,7	65	29	6	4	☺
	MC326-08.0W4LC-	8	0,1	19	42	7,6	80	44	8	4	☺
	MC326-10.0W4LC-	10	0,1	22	58	9,5	100	60	10	4	☺
	MC326-12.0W4LC-	12	0,1	26	53	11,4	100	55	12	4	☺
	MC326-14.0W4LC-	14	0,15	26	57	13,3	104	59	14	4	☺
	MC326-16.0W4LC-	16	0,15	32	65	15,2	115	67	16	4	☺
MC326-20.0W4LC-	20	0,15	38	73	19	125	75	20	4	☺	

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-04.0A3LC-WK40TF

D1

WALTER
SELECT

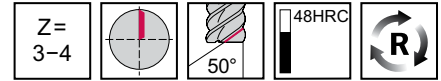
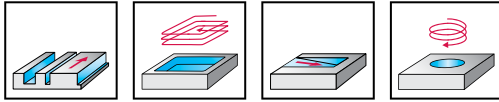
●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



- Long reach
- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool		Designation	D _c h10	D _c h10 inch	l ₁₁ inch	L _c inch	l ₃ inch	d ₂ inch	l ₁ inch	l ₄ inch	d ₁ inch	Z	WK40TF
<p>Cylindrical shank</p>		MC326.3.18A4LC-	1/8"	0,1250	0,004	0,500	1,188	0,119	3,000	1,583	0,250	3	☺
		MC326.4.76A4LC-	3/16"	0,1875	0,004	0,625	1,125	0,178	3,000	1,583	0,250	3	☺
		MC326.6.35A4LC-	1/4"	0,2500	0,004	0,750	1,375	0,237	3,000	1,583	0,250	4	☺
		MC326.7.94A4LC-	5/16"	0,3125	0,004	0,812	1,500	0,297	3,250	1,833	0,375	4	☺
		MC326.9.53A4LC-	3/8"	0,3750	0,004	0,875	1,500	0,356	3,250	1,833	0,375	4	☺
		MC326.11.1A4LC-	7/16"	0,4375	0,004	1,000	2,875	0,416	4,750	2,967	0,500	4	☺
		MC326.12.7A4LC-	1/2"	0,5000	0,006	1,000	2,875	0,475	4,750	2,967	0,500	4	☺
		MC326.15.9A4LC-	5/8"	0,6250	0,006	1,250	3,000	0,594	5,000	3,094	0,625	4	☺
		MC326.19.1A4LC-	3/4"	0,7500	0,006	1,500	3,000	0,713	5,250	3,218	0,750	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326.11.1A4LC-WK40TF

WALTER SELECT ●● Primary application ● Other application

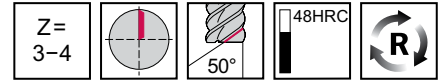
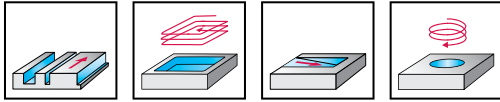
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



- Long reach
- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	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 inch	Z	WK40TF
<p>Cylindrical shank</p>	MC326.3.18A4L051C-	1/8"	0,1250	0,020	0,500	1,188	0,119	3,000	1,583	0,250	3	☺
	MC326.4.76A4L051C-	3/16"	0,1875	0,020	0,625	1,125	0,178	3,000	1,583	0,250	3	☺
	MC326.6.35A4L076C-	1/4"	0,2500	0,030	0,750	1,375	0,237	3,000	1,583	0,250	4	☺
	MC326.6.35A4L102C-	1/4"	0,2500	0,040	0,750	1,375	0,237	3,000	1,583	0,250	4	☺
	MC326.7.94A4L076C-	5/16"	0,3125	0,030	0,812	1,500	0,297	3,500	1,937	0,375	4	☺
	MC326.7.94A4L203C-	5/16"	0,3125	0,080	0,812	1,500	0,297	3,500	1,937	0,375	4	☺
	MC326.9.53A4L076C-	3/8"	0,3750	0,030	0,875	1,500	0,356	3,500	1,937	0,375	4	☺
	MC326.9.53A4L152C-	3/8"	0,3750	0,060	0,875	1,500	0,356	3,500	1,937	0,375	4	☺
	MC326.9.53A4L203C-	3/8"	0,3750	0,080	0,875	1,500	0,356	3,500	1,937	0,375	4	☺
	MC326.12.7A4L076C-	1/2"	0,5000	0,030	1,000	2,875	0,475	4,750	2,967	0,500	4	☺
	MC326.12.7A4L152C-	1/2"	0,5000	0,060	1,000	2,875	0,475	4,750	2,967	0,500	4	☺
	MC326.12.7A4L305C-	1/2"	0,5000	0,120	1,000	2,875	0,475	4,750	2,967	0,500	4	☺
	MC326.15.9A4L076C-	5/8"	0,6250	0,030	1,250	3,000	0,594	5,000	3,217	0,625	4	☺
	MC326.15.9A4L152C-	5/8"	0,6250	0,060	1,250	3,000	0,594	5,000	3,217	0,625	4	☺
	MC326.15.9A4L318C-	5/8"	0,6250	0,125	1,250	3,000	0,594	5,000	3,094	0,625	4	☺
	MC326.19.1A4L152C-	3/4"	0,7500	0,060	1,500	3,000	0,713	5,250	3,218	0,750	4	☺
	MC326.19.1A4L318C-	3/4"	0,7500	0,125	1,500	3,000	0,713	5,250	3,218	0,750	4	☺
	MC326.19.1A4L406C-	3/4"	0,7500	0,160	1,500	3,000	0,713	5,250	3,218	0,750	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326.12.7A4L076C-WK40TF

D1

WALTER SELECT ●● Primary application ● Other application

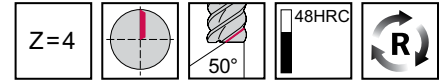
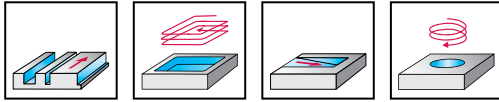
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC326 Supreme



- Long reach
- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool		D _c h10 mm	l ₁₁ mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WK40TF
<p>DIN 6535 HA</p>	MC326-06.0A4BCJ-	6	0,1	6	19	5,7	57	21	6	4	☺
	MC326-08.0A4BCJ-	8	0,1	8	25	7,6	63	27	8	4	☺
	MC326-10.0A4BCJ-	10	0,1	10	30	9,5	72	32	10	4	☺
	MC326-12.0A4BCJ-	12	0,1	12	36	11,4	83	38	12	4	☺
	MC326-16.0A4BCJ-	16	0,15	16	42	15,2	92	44	16	4	☺
<p>DIN 6535 HB</p>	MC326-06.0W4BCJ-	6	0,1	6	19	5,7	57	21	6	4	☺
	MC326-08.0W4BCJ-	8	0,1	8	25	7,6	63	27	8	4	☺
	MC326-10.0W4BCJ-	10	0,1	10	30	9,5	72	32	10	4	☺
	MC326-12.0W4BCJ-	12	0,1	12	36	11,4	83	38	12	4	☺
	MC326-16.0W4BCJ-	16	0,15	16	42	15,2	92	44	16	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-06.0A4BCJ-WK40TF

D1

WALTER SELECT ●● Primary application ● Other application

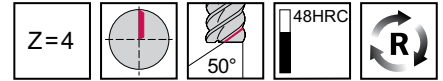
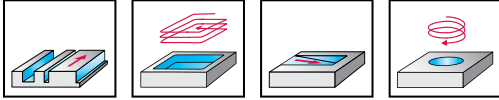
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



- Long reach
- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D _c h10	D _c h10 inch	h ₁₁ inch	L _c inch	l ₃ inch	d ₂ inch	l ₁ inch	l ₄ inch	d ₁ inch	Z	WK40TF
	MC326.6.35W4DCJ-	1/4"	0,2500	0,004	0,250	0,875	0,237	3,000	1,437	0,375	4	☺
	MC326.7.94W4DCJ-	5/16"	0,3125	0,004	0,313	1,000	0,297	3,000	1,437	0,375	4	☺
	MC326.9.53W4DCJ-	3/8"	0,3750	0,004	0,375	1,000	0,356	3,000	1,437	0,375	4	☺
	MC326.12.7W4DCJ-	1/2"	0,5000	0,006	0,500	1,375	0,475	3,500	1,717	0,500	4	☺
	MC326.15.9W4DCJ-	5/8"	0,6250	0,006	0,625	1,500	0,594	3,500	1,594	0,625	4	☺
	DIN 6535 HB	MC326.19.1W4DCJ-	3/4"	0,7500	0,006	0,750	2,000	0,713	4,250	2,218	0,750	4

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326.12.7W4DCJ-WK40TF

D1

WALTER SELECT

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ / ★

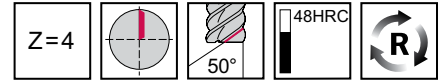
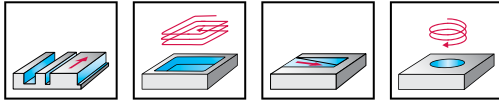
●● Primary application ● Other application

Solid carbide shoulder/slot milling cutters

MC326 Supreme



- Type N 50



	P	M	K	N	S	H	O
Wk40TF	●●	●	●	●	●		

Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	Wk40TF
<p>DIN 6535 HA</p>	MC326-06.0A4B100-	6	1	13	57	21	6	4	☺
	MC326-08.0A4B200-	8	2	19	63	27	8	4	☺
	MC326-10.0A4B200-	10	2	22	72	32	10	4	☺
	MC326-12.0A4B300-	12	3	26	83	38	12	4	☺
	MC326-14.0A4B300-	14	3	26	83	38	14	4	☺
	MC326-16.0A4B300-	16	3	32	92	44	16	4	☺
	MC326-16.0A4B400-	16	4	32	92	44	16	4	☺
	MC326-20.0A4B300-	20	3	38	104	54	20	4	☺
<p>DIN 6535 HB</p>	MC326-06.0W4B100-	6	1	13	57	21	6	4	☺
	MC326-08.0W4B200-	8	2	19	63	27	8	4	☺
	MC326-10.0W4B200-	10	2	22	72	32	10	4	☺
	MC326-12.0W4B300-	12	3	26	83	38	12	4	☺
	MC326-14.0W4B300-	14	3	26	83	38	14	4	☺
	MC326-16.0W4B300-	16	3	32	92	44	16	4	☺
	MC326-16.0W4B400-	16	4	32	92	44	16	4	☺
	MC326-20.0W4B300-	20	3	38	104	54	20	4	☺
MC326-20.0W4B400-	20	4	38	104	54	20	4	☺	

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade Wk40TF: MC326-06.0A4B100-Wk40TF

**WALTER
SELECT**

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

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

Shoulder/slot milling cutters D 131

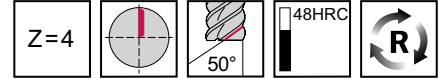
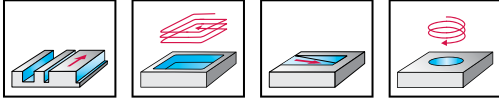
D1

Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●	●	●

Tool	Designation	D _c h9	D _c h9 inch	R inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ inch	Z	WK40TF
<p>DIN 6535 HB</p>	MC326.6.35W4D102-	1/4"	0,2500	0,040	0,750	3,000	1,437	0,375	4	☺
	MC326.7.94W4D203-	5/16"	0,3125	0,080	0,812	3,000	1,437	0,375	4	☺
	MC326.9.53W4D203-	3/8"	0,3750	0,080	0,875	3,000	1,437	0,375	4	☺
	MC326.11.1W4D203-	7/16"	0,4375	0,080	1,000	3,500	1,717	0,500	4	☺
	MC326.12.7W4D305-	1/2"	0,5000	0,120	1,000	3,500	1,717	0,500	4	☺
	MC326.15.9W4D318-	5/8"	0,6250	0,125	1,250	3,500	1,594	0,625	4	☺
	MC326.15.9W4D406-	5/8"	0,6250	0,160	1,250	3,500	1,594	0,625	4	☺
	MC326.19.1W4D318-	3/4"	0,7500	0,125	1,500	4,000	1,969	0,750	4	☺
	MC326.19.1W4D406-	3/4"	0,7500	0,160	1,500	4,000	1,969	0,750	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326.11.1W4D203-WK40TF

D1

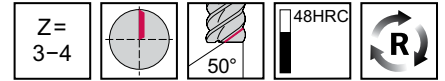
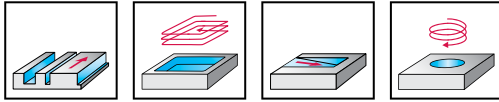
WALTER SELECT	●● Primary application ● Other application	
	Best tool for	→ Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC326 Supreme



- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●		●		

Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WK40TF
<p>DIN 6535 HA</p>	MC326-04.0A3L100-	4	1	11	57	21	6	3	☺
	MC326-05.0A3L100-	5	1	13	57	21	6	3	☺
	MC326-06.0A4L100-	6	1	13	65	29	6	4	☺
	MC326-08.0A4L200-	8	2	19	80	44	8	4	☺
	MC326-10.0A4L200-	10	2	22	100	60	10	4	☺
	MC326-12.0A4L300-	12	3	26	100	55	12	4	☺
	MC326-14.0A4L300-	14	3	26	104	59	14	4	☺
	MC326-16.0A4L400-	16	4	32	115	67	16	4	☺
	MC326-20.0A4L400-	20	4	38	125	75	20	4	☺

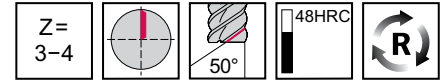
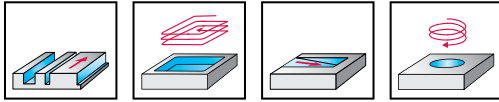
Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-04.0A3L100-WK40TF

Solid carbide shoulder/slot milling cutters

MC326 Supreme



- Long reach
- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

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 mm	Z	WK40TF
<p>DIN 6535 HA</p>	MC326-02.0A3B020C-	2	0,2	7	10	1,9	57	21	6	3	☺
	MC326-03.0A3B030C-	3	0,3	8	10	2,9	57	21	6	3	☺
	MC326-04.0A3B050C-	4	0,5	11	15	3,8	57	21	6	3	☺
	MC326-05.0A3B050C-	5	0,5	13	16	4,8	57	21	6	3	☺
	MC326-06.0A4B050C-	6	0,5	13	19	5,7	57	21	6	4	☺
	MC326-06.0A4B080C-	6	0,8	13	19	5,7	57	21	6	4	☺
	MC326-06.0A4B100C-	6	1	13	19	5,7	57	21	6	4	☺
	MC326-08.0A4B050C-	8	0,5	19	25	7,6	63	27	8	4	☺
	MC326-08.0A4B080C-	8	0,8	19	25	7,6	63	27	8	4	☺
	MC326-08.0A4B100C-	8	1	19	25	7,6	63	27	8	4	☺
	MC326-08.0A4B150C-	8	1,5	19	25	7,6	63	27	8	4	☺
	MC326-08.0A4B200C-	8	2	19	25	7,6	63	27	8	4	☺
	MC326-10.0A4B050C-	10	0,5	22	30	9,5	72	32	10	4	☺
	MC326-10.0A4B080C-	10	0,8	22	30	9,5	72	32	10	4	☺
	MC326-10.0A4B100C-	10	1	22	30	9,5	72	32	10	4	☺
	MC326-10.0A4B150C-	10	1,5	22	30	9,5	72	32	10	4	☺
	MC326-10.0A4B200C-	10	2	22	30	9,5	72	32	10	4	☺
	MC326-12.0A4B050C-	12	0,5	26	36	11,4	83	38	12	4	☺
	MC326-12.0A4B080C-	12	0,8	26	36	11,4	83	38	12	4	☺
	MC326-12.0A4B100C-	12	1	26	36	11,4	83	38	12	4	☺
	MC326-12.0A4B150C-	12	1,5	26	36	11,4	83	38	12	4	☺
	MC326-12.0A4B200C-	12	2	26	36	11,4	83	38	12	4	☺
	MC326-12.0A4B250C-	12	2,5	26	36	11,4	83	38	12	4	☺
	MC326-12.0A4B300C-	12	3	26	36	11,4	83	38	12	4	☺
	MC326-14.0A4B100C-	14	1	26	36	13,3	83	38	14	4	☺
	MC326-14.0A4B150C-	14	1,5	26	36	13,3	83	38	14	4	☺
	MC326-14.0A4B200C-	14	2	26	36	13,3	83	38	14	4	☺
	MC326-16.0A4B050C-	16	0,5	32	42	15,2	92	44	16	4	☺
	MC326-16.0A4B100C-	16	1	32	42	15,2	92	44	16	4	☺
	MC326-16.0A4B200C-	16	2	32	42	15,2	92	44	16	4	☺
	MC326-16.0A4B250C-	16	2,5	32	42	15,2	92	44	16	4	☺
	MC326-16.0A4B300C-	16	3	32	42	15,2	92	44	16	4	☺
MC326-16.0A4B400C-	16	4	32	42	15,2	92	44	16	4	☺	
MC326-20.0A4B050C-	20	0,5	38	52	19	104	54	20	4	☺	

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-02.0A3B020C-WK40TF

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 mm	Z	WK40TF
<p>DIN 6535 HA</p>		MC326-20.0A4B100C-	20	1	38	52	19	104	54	20	4	☺
		MC326-20.0A4B200C-	20	2	38	52	19	104	54	20	4	☺
		MC326-20.0A4B250C-	20	2,5	38	52	19	104	54	20	4	☺
		MC326-20.0A4B300C-	20	3	38	52	19	104	54	20	4	☺
		MC326-20.0A4B400C-	20	4	38	52	19	104	54	54	20	4
<p>DIN 6535 HB</p>		MC326-02.0W3B020C-	2	0,2	7	10	1,9	57	21	6	3	☺
		MC326-03.0W3B030C-	3	0,3	8	10	2,9	57	21	6	3	☺
		MC326-04.0W3B050C-	4	0,5	11	15	3,8	57	21	6	3	☺
		MC326-05.0W3B050C-	5	0,5	13	16	4,8	57	21	6	3	☺
		MC326-06.0W4B050C-	6	0,5	13	19	5,7	57	21	6	4	☺
		MC326-06.0W4B100C-	6	1	13	19	5,7	57	21	6	4	☺
		MC326-08.0W4B050C-	8	0,5	19	25	7,6	63	27	8	4	☺
		MC326-08.0W4B100C-	8	1	19	25	7,6	63	27	8	4	☺
		MC326-08.0W4B150C-	8	1,5	19	25	7,6	63	27	8	4	☺
		MC326-08.0W4B200C-	8	2	19	25	7,6	63	27	8	4	☺
		MC326-10.0W4B050C-	10	0,5	22	30	9,5	72	32	10	4	☺
		MC326-10.0W4B100C-	10	1	22	30	9,5	72	32	10	4	☺
		MC326-10.0W4B150C-	10	1,5	22	30	9,5	72	32	10	4	☺
		MC326-10.0W4B200C-	10	2	22	30	9,5	72	32	10	4	☺
		MC326-12.0W4B050C-	12	0,5	26	36	11,4	83	38	12	4	☺
		MC326-12.0W4B100C-	12	1	26	36	11,4	83	38	12	4	☺
		MC326-12.0W4B150C-	12	1,5	26	36	11,4	83	38	12	4	☺
		MC326-12.0W4B200C-	12	2	26	36	11,4	83	38	12	4	☺
		MC326-12.0W4B250C-	12	2,5	26	36	11,4	83	38	12	4	☺
		MC326-12.0W4B300C-	12	3	26	36	11,4	83	38	12	4	☺
		MC326-14.0W4B100C-	14	1	26	36	13,3	83	38	14	4	☺
		MC326-14.0W4B300C-	14	3	26	36	13,3	83	38	14	4	☺
		MC326-16.0W4B050C-	16	0,5	32	42	15,2	92	44	16	4	☺
		MC326-16.0W4B100C-	16	1	32	42	15,2	92	44	16	4	☺
		MC326-16.0W4B200C-	16	2	32	42	15,2	92	44	16	4	☺
		MC326-16.0W4B250C-	16	2,5	32	42	15,2	92	44	16	4	☺
		MC326-16.0W4B300C-	16	3	32	42	15,2	92	44	16	4	☺
		MC326-16.0W4B400C-	16	4	32	42	15,2	92	44	16	4	☺
		MC326-20.0W4B050C-	20	0,5	38	52	19	104	54	20	4	☺
		MC326-20.0W4B100C-	20	1	38	52	19	104	54	20	4	☺
	MC326-20.0W4B200C-	20	2	38	52	19	104	54	20	4	☺	
	MC326-20.0W4B250C-	20	2,5	38	52	19	104	54	20	4	☺	
	MC326-20.0W4B300C-	20	3	38	52	19	104	54	20	4	☺	
	MC326-20.0W4B400C-	20	4	38	52	19	104	54	20	4	☺	

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-02.0A3B020C-WK40TF

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

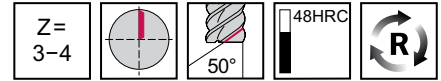
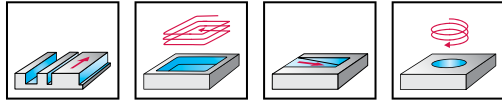
D1

Solid carbide shoulder/slot milling cutters

MC326 Supreme

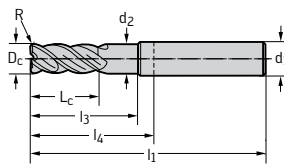


- Long reach
- Type N 50, long



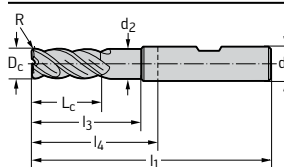
	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●	●	●

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 mm	Z	WK40TF
MC326-04.0A3L100C-	4	1	11	15	3,8	57	21	6	3	●●
MC326-05.0A3L100C-	5	1	13	16	4,8	57	21	6	3	●●
MC326-06.0A4L050C-	6	0,5	13	27	5,7	65	29	6	4	●●
MC326-06.0A4L100C-	6	1	13	27	5,7	65	29	6	4	●●
MC326-08.0A4L050C-	8	0,5	19	42	7,6	80	44	8	4	●●
MC326-08.0A4L100C-	8	1	19	42	7,6	80	44	8	4	●●
MC326-08.0A4L200C-	8	2	19	42	7,6	80	44	8	4	●●
MC326-10.0A4L050C-	10	0,5	22	58	9,5	100	60	10	4	●●
MC326-10.0A4L100C-	10	1	22	58	9,5	100	60	10	4	●●
MC326-10.0A4L200C-	10	2	22	58	9,5	100	60	10	4	●●
MC326-12.0A4L050C-	12	0,5	26	53	11,4	100	55	12	4	●●
MC326-12.0A4L100C-	12	1	26	53	11,4	100	55	12	4	●●
MC326-12.0A4L300C-	12	3	26	53	11,4	100	55	12	4	●●
MC326-14.0A4L050C-	14	0,5	26	57	13,3	104	59	14	4	●●
MC326-14.0A4L100C-	14	1	26	57	13,3	104	59	14	4	●●
MC326-14.0A4L300C-	14	3	26	57	13,3	104	59	14	4	●●
MC326-16.0A4L050C-	16	0,5	32	65	15,2	115	67	16	4	●●
MC326-16.0A4L100C-	16	1	32	65	15,2	115	67	16	4	●●
MC326-16.0A4L200C-	16	2	32	65	15,2	115	67	16	4	●●
MC326-16.0A4L300C-	16	3	32	65	15,2	115	67	16	4	●●
MC326-16.0A4L400C-	16	4	32	65	15,2	115	67	16	4	●●
MC326-20.0A4L100C-	20	1	38	73	19	125	75	20	4	●●
MC326-20.0A4L200C-	20	2	38	73	19	125	75	20	4	●●
MC326-20.0A4L300C-	20	3	38	73	19	125	75	20	4	●●
MC326-20.0A4L400C-	20	4	38	73	19	125	75	20	4	●●
MC326-04.0W3L100C-	4	1	11	15	3,8	57	21	6	3	●●
MC326-05.0W3L100C-	5	1	13	16	4,8	57	21	6	3	●●
MC326-06.0W4L050C-	6	0,5	13	27	5,7	65	29	6	4	●●
MC326-06.0W4L100C-	6	1	13	27	5,7	65	29	6	4	●●
MC326-08.0W4L050C-	8	0,5	19	42	7,6	80	44	8	4	●●
MC326-08.0W4L100C-	8	1	19	42	7,6	80	44	8	4	●●
MC326-08.0W4L200C-	8	2	19	42	7,6	80	44	8	4	●●
MC326-10.0W4L050C-	10	0,5	22	58	9,5	100	60	10	4	●●
MC326-10.0W4L100C-	10	1	22	58	9,5	100	60	10	4	●●



DIN 6535 HB

 Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-04.0A3L100C-WK40TF

**WALTER
SELECT**

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

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 mm	Z	WK40TF
<p>DIN 6535 HB</p>		MC326-10.0W4L200C-	10	2	22	58	9,5	100	60	10	4	☺
		MC326-12.0W4L050C-	12	0,5	26	53	11,4	100	55	12	4	☺
		MC326-12.0W4L100C-	12	1	26	53	11,4	100	55	12	4	☺
		MC326-14.0W4L050C-	14	0,5	26	57	13,3	104	59	14	4	☺
		MC326-16.0W4L050C-	16	0,5	32	65	15,2	115	67	16	4	☺
		MC326-16.0W4L100C-	16	1	32	65	15,2	115	67	16	4	☺
		MC326-16.0W4L200C-	16	2	32	65	15,2	115	67	16	4	☺
		MC326-16.0W4L300C-	16	3	32	65	15,2	115	67	16	4	☺
		MC326-16.0W4L400C-	16	4	32	65	15,2	115	67	16	4	☺
		MC326-20.0W4L100C-	20	1	38	73	19	125	75	20	4	☺
		MC326-20.0W4L200C-	20	2	38	73	19	125	75	20	4	☺
		MC326-20.0W4L300C-	20	3	38	73	19	125	75	20	4	☺
		MC326-20.0W4L400C-	20	4	38	73	19	125	75	20	4	☺

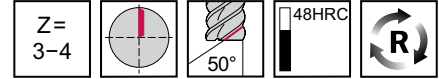
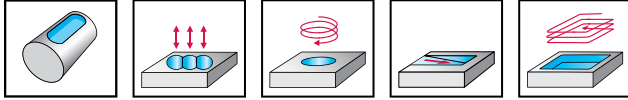
Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC326-04.0A3L100C-WK40TF

Solid carbide routing cutters

MC726 Supreme



- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

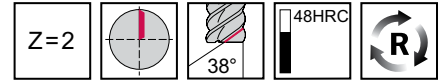
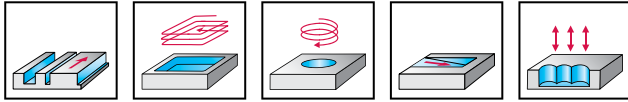
Tool	Designation	D _c e8 mm	R mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WK40TF
<p>DIN 6535 HA</p>	MC726-02.8A3A008J-	2,8	0,08	3	50	14	6	3	☺
	MC726-03.0A3A008J-	3	0,08	3	50	14	6	3	☺
	MC726-03.8A3A008J-	3,8	0,08	4	54	18	6	3	☺
	MC726-04.0A3A008J-	4	0,08	4	54	18	6	3	☺
	MC726-04.8A3A016J-	4,8	0,16	5	54	18	6	3	☺
	MC726-05.0A3A016J-	5	0,16	5	54	18	6	3	☺
	MC726-05.8A4A016J-	5,75	0,16	6	54	18	6	4	☺
	MC726-06.0A4A016J-	6	0,16	6	54	18	6	4	☺
	MC726-07.8A4A016J-	7,75	0,16	8	58	22	8	4	☺
	MC726-08.0A4A016J-	8	0,16	8	58	22	8	4	☺
	MC726-09.7A4A025J-	9,7	0,25	10	66	26	10	4	☺
	MC726-10.0A4A025J-	10	0,25	10	66	26	10	4	☺
	MC726-12.0A4A025J-	12	0,25	12	73	28	12	4	☺
	MC726-14.0A4A025J-	14	0,25	14	75	30	14	4	☺
	MC726-16.0A4A025J-	16	0,25	16	82	34	16	4	☺
	<p>DIN 6535 HB</p>	MC726-02.8W3A008J-	2,8	0,08	3	50	14	6	3
MC726-03.0W3A008J-		3	0,08	3	50	14	6	3	☺
MC726-03.8W3A008J-		3,8	0,08	4	54	18	6	3	☺
MC726-04.0W3A008J-		4	0,08	4	54	18	6	3	☺
MC726-04.8W3A016J-		4,8	0,16	5	54	18	6	3	☺
MC726-05.0W3A016J-		5	0,16	5	54	18	6	3	☺
MC726-05.8W4A016J-		5,75	0,16	6	54	18	6	4	☺
MC726-06.0W4A016J-		6	0,16	6	54	18	6	4	☺
MC726-07.8W4A016J-		7,75	0,16	8	58	22	8	4	☺
MC726-08.0W4A016J-		8	0,16	8	58	22	8	4	☺
MC726-09.7W4A025J-		9,7	0,25	10	66	26	10	4	☺
MC726-10.0W4A025J-		10	0,25	10	66	26	10	4	☺
MC726-12.0W4A025J-		12	0,25	12	73	28	12	4	☺
MC726-14.0W4A025J-		14	0,25	14	75	30	14	4	☺
MC726-16.0W4A025J-		16	0,25	16	82	34	16	4	☺

Slot milling $a_p \leq 0.9 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WK40TF: MC726-02.8A3A008J-WK40TF

Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WK40TF
<p>DIN 6535 HA</p>	MC230-02.0A2B-	2	0,1	6	57	21	6	2	☺
	MC230-02.5A2B-	2,5	0,1	7	57	21	6	2	☺
	MC230-03.0A2B-	3	0,1	7	57	21	6	2	☺
	MC230-03.5A2B-	3,5	0,1	7	57	21	6	2	☺
	MC230-04.0A2B-	4	0,1	8	57	21	6	2	☺
	MC230-04.5A2B-	4,5	0,1	8	57	21	6	2	☺
	MC230-05.0A2B-	5	0,1	10	57	21	6	2	☺
	MC230-06.0A2B-	6	0,1	10	57	21	6	2	☺
	MC230-07.0A2B-	7	0,1	13	63	27	8	2	☺
	MC230-08.0A2B-	8	0,1	16	63	27	8	2	☺
	MC230-09.0A2B-	9	0,1	16	72	32	10	2	☺
	MC230-10.0A2B-	10	0,1	19	72	32	10	2	☺
	MC230-11.0A2B-	11	0,1	22	83	38	12	2	☺
	MC230-12.0A2B-	12	0,1	22	83	38	12	2	☺
	MC230-14.0A2B-	14	0,15	22	83	38	14	2	☺
	MC230-16.0A2B-	16	0,15	26	92	44	16	2	☺
	MC230-18.0A2B-	18	0,15	26	92	44	18	2	☺
	MC230-20.0A2B-	20	0,15	32	104	54	20	2	☺

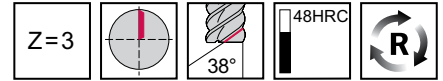
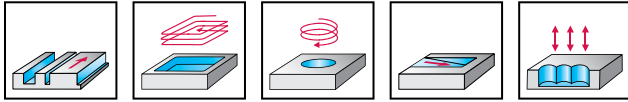
Slot milling $a_p \leq 1.0 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A2B-WK40TF

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

Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D _c h10 mm	h ₁₁ mm	L _c mm	h ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WK40TF
<p>DIN 6535 HA</p>	MC230-02.0A3S-	2	0,1	3	39	12	6	3	☺
	MC230-03.0A3S-	3	0,1	4	39	12	6	3	☺
	MC230-04.0A3S-	4	0,1	5	39	12	6	3	☺
	MC230-05.0A3S-	5	0,1	6	39	12	6	3	☺
	MC230-06.0A3S-	6	0,1	7	39	12	6	3	☺
	MC230-08.0A3S-	8	0,1	9	44	17	8	3	☺
	MC230-10.0A3S-	10	0,1	11	51	20	10	3	☺
	MC230-12.0A3S-	12	0,1	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

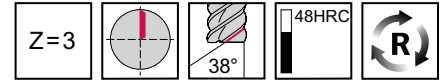
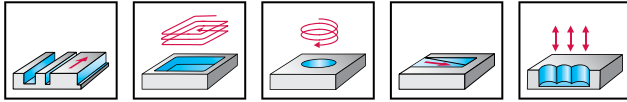
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ / ★

●● Primary application ● Other application

Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WK40TF
<p>DIN 6535 HA</p>	MC230-02.0A3B-	2	0,1	6	57	21	6	3	☺
	MC230-02.5A3B-	2,5	0,1	7	57	21	6	3	☺
	MC230-03.0A3B-	3	0,1	7	57	21	6	3	☺
	MC230-03.5A3B-	3,5	0,1	7	57	21	6	3	☺
	MC230-04.0A3B-	4	0,1	8	57	21	6	3	☺
	MC230-04.5A3B-	4,5	0,1	8	57	21	6	3	☺
	MC230-05.0A3B-	5	0,1	10	57	21	6	3	☺
	MC230-05.5A3B-	5,5	0,1	10	57	21	6	3	☺
	MC230-06.0A3B-	6	0,1	10	57	21	6	3	☺
	MC230-06.5A3B-	6,5	0,1	13	63	27	8	3	☺
	MC230-07.0A3B-	7	0,1	13	63	27	8	3	☺
	MC230-07.5A3B-	7,5	0,1	16	63	27	8	3	☺
	MC230-08.0A3B-	8	0,1	16	63	27	8	3	☺
	MC230-09.0A3B-	9	0,1	16	72	32	10	3	☺
	MC230-10.0A3B-	10	0,1	19	72	32	10	3	☺
	MC230-11.0A3B-	11	0,1	22	83	38	12	3	☺
	MC230-12.0A3B-	12	0,1	22	83	38	12	3	☺
	MC230-13.0A3B-	13	0,15	22	83	38	14	3	☺
	MC230-14.0A3B-	14	0,15	22	83	38	14	3	☺
	MC230-15.0A3B-	15	0,15	26	92	44	16	3	☺
MC230-16.0A3B-	16	0,15	26	92	44	16	3	☺	
MC230-18.0A3B-	18	0,15	26	92	44	18	3	☺	
MC230-20.0A3B-	20	0,15	32	104	54	20	3	☺	
<p>DIN 6535 HA</p>	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	0,1	3	38	10	3	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

WALTER SELECT

●● Primary application ● Other application

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

Tool	Designation	D_c h10 mm	h_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
 DIN 6535 HA	MC230-02.1A3BJ-	2,1	0,1	3	38	10	3	3	☺
	MC230-02.2A3BJ-	2,2	0,1	3	38	10	3	3	☺
	MC230-02.3A3BJ-	2,3	0,1	3	38	10	3	3	☺
	MC230-02.4A3BJ-	2,4	0,1	3	38	10	3	3	☺
	MC230-02.5A3BJ-	2,5	0,1	3	38	10	3	3	☺
	MC230-02.6A3BJ-	2,6	0,1	3	38	10	3	3	☺
	MC230-02.7A3BJ-	2,7	0,1	3	38	10	3	3	☺
	MC230-02.8A3BJ-	2,8	0,1	3	38	10	3	3	☺
	MC230-02.9A3BJ-	2,9	0,1	3	38	10	3	3	☺
	MC230-03.0A3BJ-	3	0,1	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

	Bezeichnung	D_c h10 mm	h_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
 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	0,1	6	57	21	6	3	☺
	MC230-02.5W3B-	2,5	0,1	7	57	21	6	3	☺
	MC230-03.0W3B-	3	0,1	7	57	21	6	3	☺
	MC230-03.5W3B-	3,5	0,1	7	57	21	6	3	☺
	MC230-04.0W3B-	4	0,1	8	57	21	6	3	☺
	MC230-04.5W3B-	4,5	0,1	8	57	21	6	3	☺
	MC230-05.0W3B-	5	0,1	10	57	21	6	3	☺
	MC230-05.5W3B-	5,5	0,1	10	57	21	6	3	☺
	MC230-06.0W3B-	6	0,1	10	57	21	6	3	☺
	MC230-08.0W3B-	8	0,1	16	63	27	8	3	☺
	MC230-09.0W3B-	9	0,1	16	72	32	10	3	☺
	MC230-10.0W3B-	10	0,1	19	72	32	10	3	☺
	MC230-12.0W3B-	12	0,1	22	83	38	12	3	☺
	MC230-14.0W3B-	14	0,15	22	83	38	14	3	☺
	MC230-16.0W3B-	16	0,15	26	92	44	16	3	☺
	MC230-20.0W3B-	20	0,15	32	104	54	20	3	☺

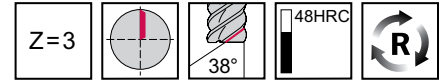
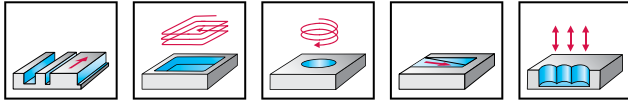
Slot milling $a_p \leq 1,0 \times D_c$ | Shoulder milling $a_e \leq 0,5 \times D_c$ | Ordering example for the grade WK40TF: MC230-02.0A3B-WK40TF

D1

Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WK40TF
<p>DIN 6535 HA</p>	MC230-01.0A3L-	1		4	38	10	3	3	☺
	MC230-01.5A3L-	1,5		6	38	10	3	3	☺
	MC230-02.0A3L-	2	0,1	8	38	10	3	3	☺
	MC230-03.0A3L-	3	0,1	12	38	12	3	3	☺
	MC230-04.0A3L-	4	0,1	14	50	22	4	3	☺
	MC230-05.0A3L-	5	0,1	16	57	21	6	3	☺
	MC230-06.0A3L-	6	0,1	22	65	29	6	3	☺
	MC230-08.0A3L-	8	0,1	28	80	44	8	3	☺
	MC230-10.0A3L-	10	0,1	32	100	60	10	3	☺
	MC230-12.0A3L-	12	0,1	38	100	55	12	3	☺
	MC230-16.0A3L-	16	0,15	50	115	67	16	3	☺
	MC230-20.0A3L-	20	0,15	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

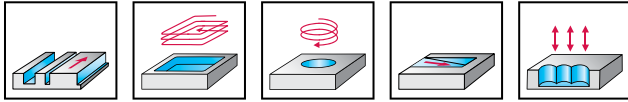
D1

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

Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D _c h10 mm	h ₁₁ mm	L _c mm	h ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WK40TF
<p>DIN 6535 HA</p>	MC230-02.0A4S-	2	0,1	3	39	12	6	4	☺
	MC230-03.0A4S-	3	0,1	4	39	12	6	4	☺
	MC230-04.0A4S-	4	0,1	5	39	12,3	6	4	☺
	MC230-05.0A4S-	5	0,1	6	39	12	6	4	☺
	MC230-06.0A4S-	6	0,1	7	39	12	6	4	☺
	MC230-08.0A4S-	8	0,1	9	44	17	8	4	☺
	MC230-10.0A4S-	10	0,1	11	51	20	10	4	☺
	MC230-12.0A4S-	12	0,1	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

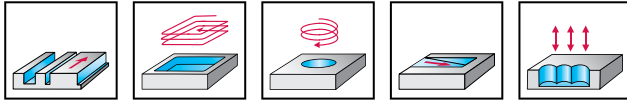
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ / ★

●● Primary application ● Other application

Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WK40TF
 DIN 6535 HA	MC230-02.0A4A-	2	0,1	4	50	14	6	4	☺
	MC230-03.0A4A-	3	0,1	5	50	14	6	4	☺
	MC230-04.0A4A-	4	0,1	8	54	18	6	4	☺
	MC230-05.0A4A-	5	0,1	9	54	18	6	4	☺
	MC230-06.0A4A-	6	0,1	10	54	18	6	4	☺
	MC230-07.0A4A-	7	0,1	11	58	22	8	4	☺
	MC230-08.0A4A-	8	0,1	12	58	22	8	4	☺
	MC230-10.0A4A-	10	0,1	14	66	26	10	4	☺
	MC230-12.0A4A-	12	0,1	16	73	28	12	4	☺
	MC230-14.0A4A-	14	0,15	18	75	30	14	4	☺
	MC230-16.0A4A-	16	0,15	22	82	34	16	4	☺
	MC230-18.0A4A-	18	0,15	24	84	36	18	4	☺
MC230-20.0A4A-	20	0,15	26	92	42	20	4	☺	
 DIN 6535 HB	MC230-02.0W4A-	2	0,1	4	50	14	6	4	☺
	MC230-03.0W4A-	3	0,1	5	50	14	6	4	☺
	MC230-04.0W4A-	4	0,1	8	54	18	6	4	☺
	MC230-05.0W4A-	5	0,1	9	54	18	6	4	☺
	MC230-06.0W4A-	6	0,1	10	54	18	6	4	☺
	MC230-08.0W4A-	8	0,1	12	58	22	8	4	☺
	MC230-10.0W4A-	10	0,1	14	66	26	10	4	☺
	MC230-12.0W4A-	12	0,1	16	73	28	12	4	☺
	MC230-14.0W4A-	14	0,15	18	75	30	14	4	☺
	MC230-16.0W4A-	16	0,15	22	82	34	16	4	☺
	MC230-20.0W4A-	20	0,15	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

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

D1

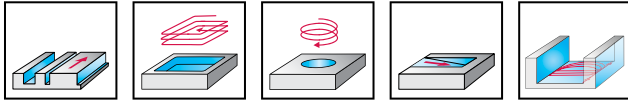
Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



- Long reach



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D _c h10 mm	l ₁₁ mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WK40TF
<p>DIN 6535 HA</p>	MC230-02.0A4BC-	2	0,1	7	11	1,9	57	21	6	4	☺
	MC230-02.5A4BC-	2,5	0,1	8	12	2,4	57	21	6	4	☺
	MC230-03.0A4BC-	3	0,1	8	12	2,9	57	21	6	4	☺
	MC230-03.5A4BC-	3,5	0,1	10	15	3,3	57	21	6	4	☺
	MC230-04.0A4BC-	4	0,1	11	15	3,8	57	21	6	4	☺
	MC230-04.5A4BC-	4,5	0,1	11	18	4,3	57	21	6	4	☺
	MC230-05.0A4BC-	5	0,1	13	18	4,8	57	21	6	4	☺
	MC230-05.5A4BC-	5,5	0,1	13	19	5,2	57	21	6	4	☺
	MC230-06.0A4BC-	6	0,1	13	19	5,7	57	21	6	4	☺
	MC230-06.5A4BC-	6,5	0,1	16	25	6,2	63	27	8	4	☺
	MC230-07.0A4BC-	7	0,1	16	25	6,7	63	27	8	4	☺
	MC230-08.0A4BC-	8	0,1	19	25	7,6	63	27	8	4	☺
	MC230-09.0A4BC-	9	0,1	19	30	8,6	72	32	10	4	☺
	MC230-10.0A4BC-	10	0,1	22	30	9,5	72	32	10	4	☺
	MC230-12.0A4BC-	12	0,1	26	36	11,4	83	38	12	4	☺
	MC230-14.0A4BC-	14	0,15	26	36	13,3	83	38	14	4	☺
	MC230-16.0A4BC-	16	0,15	32	42	15,2	92	44	16	4	☺
	MC230-18.0A4BC-	18	0,15	32	42	17,1	92	44	18	4	☺
	MC230-20.0A4BC-	20	0,15	38	52	19	104	54	20	4	☺
	<p>DIN 6535 HB</p>	MC230-02.0W4BC-	2	0,1	7	11	1,9	57	21	6	4
MC230-02.5W4BC-		2,5	0,1	8	12	2,4	57	21	6	4	☺
MC230-03.0W4BC-		3	0,1	8	12	2,9	57	21	6	4	☺
MC230-04.0W4BC-		4	0,1	11	15	3,8	57	21	6	4	☺
MC230-05.0W4BC-		5	0,1	13	18	4,8	57	21	6	4	☺
MC230-06.0W4BC-		6	0,1	13	19	5,7	57	21	6	4	☺
MC230-07.0W4BC-		7	0,1	16	25	6,7	63	27	8	4	☺
MC230-08.0W4BC-		8	0,1	19	25	7,6	63	27	8	4	☺
MC230-09.0W4BC-		9	0,1	19	30	8,6	72	32	10	4	☺
MC230-10.0W4BC-		10	0,1	22	30	9,5	72	32	10	4	☺
MC230-12.0W4BC-		12	0,1	26	36	11,4	83	38	12	4	☺
MC230-14.0W4BC-		14	0,15	26	36	13,3	83	38	14	4	☺
MC230-16.0W4BC-		16	0,15	32	42	15,2	92	44	16	4	☺
MC230-18.0W4BC-		18	0,15	32	42	17,1	92	44	18	4	☺
MC230-20.0W4BC-		20	0,15	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

Tool		D_c h10 mm	h_1 mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5 mm	Z	WK40TF
	Designation	25	0,15	45	63	23,8	121	65	25	4	☺
	MC230-25.0W4BC-										

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

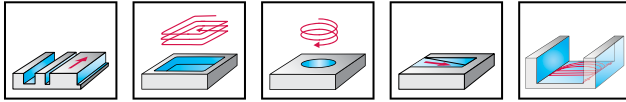
Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



- Long reach



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D _c h10 mm	l ₁₁ 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	0,1	13	27	5,7	65	29	6	4	☺
	MC230-08.0A4LC-	8	0,1	19	42	7,6	80	44	8	4	☺
	MC230-10.0A4LC-	10	0,1	22	58	9,5	100	60	10	4	☺
	MC230-12.0A4LC-	12	0,1	26	53	11,4	100	55	12	4	☺
	MC230-16.0A4LC-	16	0,15	32	65	15,2	115	67	16	4	☺
	MC230-20.0A4LC-	20	0,15	38	73	19	125	75	20	4	☺
 DIN 6535 HB	MC230-06.0W4LC-	6	0,1	13	27	5,7	65	29	6	4	☺
	MC230-08.0W4LC-	8	0,1	19	42	7,6	80	44	8	4	☺
	MC230-10.0W4LC-	10	0,1	22	58	9,5	100	60	10	4	☺
	MC230-12.0W4LC-	12	0,1	26	53	11,4	100	55	12	4	☺
	MC230-16.0W4LC-	16	0,15	32	65	15,2	115	67	16	4	☺
	MC230-20.0W4LC-	20	0,15	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

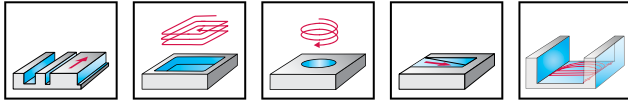
Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



- Long reach



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

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	WK40TF
<p>DIN 6535 HA</p>	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

D1

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	WK40TF
 DIN 6535 HA	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	☹
 DIN 6535 HB	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

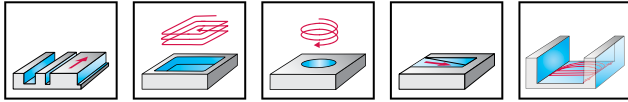
Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



- Long reach



	P	M	K	N	S	H	O
WK40TF	●	●	●	●	●		

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	WK40TF
<p>DIN 6535 HA</p>	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

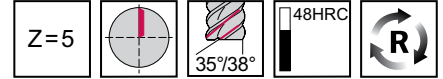
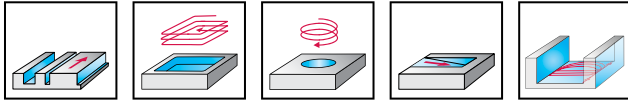
WALTER SELECT ●● Primary application ● Other application

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

Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D _c h10 mm	h ₁₁ mm	L _c mm	h ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WK40TF
<p>DIN 6535 HB</p>	MC230-06.0W5B-	6	0,1	13	57	21	6	5	☺
	MC230-08.0W5B-	8	0,1	19	63	27	8	5	☺
	MC230-10.0W5B-	10	0,1	22	72	32	10	5	☺
	MC230-12.0W5B-	12	0,1	26	83	38	12	5	☺
	MC230-16.0W5B-	16	0,15	32	92	44	16	5	☺
	MC230-20.0W5B-	20	0,15	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

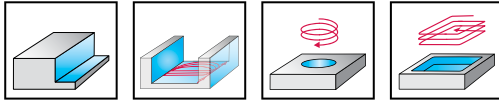
**WALTER
SELECT**

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

Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WK40TF
<p>DIN 6535 HB</p>	MC230-06.0W5L-	6	0,1	22	65	29	6	5	☺
	MC230-08.0W5L-	8	0,1	28	80	44	8	5	☺
	MC230-10.0W5L-	10	0,1	32	100	60	10	5	☺
	MC230-12.0W5L-	12	0,1	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

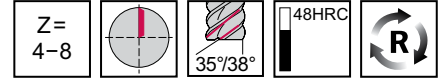
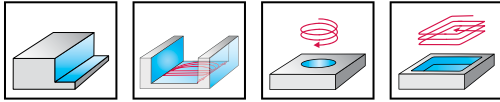
WALTER SELECT ●● Primary application ● Other application

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

Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D _c h10 mm	h ₁₁ mm	L _c mm	h ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WK40TF
 DIN 6535 HA	MC230-06.0A4L-	6	0,1	22	65	29	6	4	☺
	MC230-08.0A4L-	8	0,1	28	80	44	8	4	☺
	MC230-10.0A4L-	10	0,1	32	100	60	10	4	☺
	MC230-12.0A4L-	12	0,1	40	100	55	12	4	☺
	MC230-14.0A4L-	14	0,15	50	104	59	14	4	☺
	MC230-16.0A5L-	16	0,15	50	115	67	16	5	☺
	MC230-20.0A5L-	20	0,15	55	125	75	20	5	☺
	MC230-20.0A6LJ-	20	0,15	75	145	95	20	6	☺
	MC230-25.0A8LJ-	25	0,15	90	153	97	25	8	☺
 DIN 6535 HB	MC230-06.0W4L-	6	0,1	22	65	29	6	4	☺
	MC230-08.0W4L-	8	0,1	28	80	44	8	4	☺
	MC230-10.0W4L-	10	0,1	32	100	60	10	4	☺
	MC230-12.0W4L-	12	0,1	40	100	55	12	4	☺
	MC230-14.0W4L-	14	0,15	50	104	59	14	4	☺
	MC230-16.0W5L-	16	0,15	50	115	67	16	5	☺
	MC230-20.0W5L-	20	0,15	55	125	75	20	5	☺
	MC230-20.0W6LJ-	20	0,15	75	145	95	20	6	☺
	MC230-25.0W8LJ-	25	0,15	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

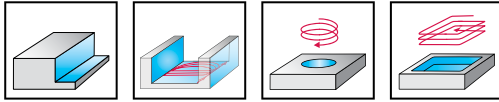
●● Primary application ● Other application

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

Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WK40TF
 DIN 6535 HA	MC230-06.0A4XL-	6	0,1	30	80	44	6	4	☺
	MC230-08.0A4XL-	8	0,1	40	97	61	8	4	☺
	MC230-10.0A4XL-	10	0,1	50	118	78	10	4	☺
	MC230-12.0A4XL-	12	0,1	60	120	75	12	4	☺
	MC230-16.0A5XK-	16	0,15	65	130	82	16	5	☺
	MC230-16.0A5XL-	16	0,15	80	145	97	16	5	☺
	MC230-20.0A6XL-	20	0,15	100	170	120	20	6	☺
	MC230-25.0A8XL-	25	0,15	125	188	132	25	8	☺
 DIN 6535 HB	MC230-04.0W4XL-	4	0,1	20	65	29	6	4	☺
	MC230-05.0W4XL-	5	0,1	25	65	29	6	4	☺
	MC230-06.0W4XL-	6	0,1	30	80	44	6	4	☺
	MC230-08.0W4XL-	8	0,1	40	97	61	8	4	☺
	MC230-10.0W4XL-	10	0,1	50	118	78	10	4	☺
	MC230-12.0W4XL-	12	0,1	60	120	75	12	4	☺
	MC230-14.0W4XL-	14	0,15	70	124	79	14	4	☺
	MC230-16.0W5XK-	16	0,15	65	130	82	16	5	☺
	MC230-16.0W5XL-	16	0,15	80	145	97	16	5	☺
	MC230-18.0W5XL-	18	0,15	90	155	107	18	5	☺
	MC230-20.0W6XL-	20	0,15	100	170	120	20	6	☺
	MC230-25.0W8XL-	25	0,15	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

WALTER SELECT ●● Primary application ● Other application

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

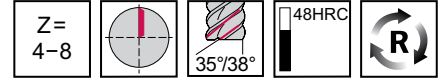
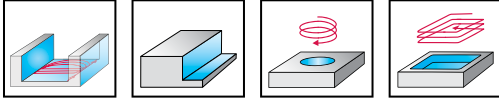
Solid carbide shoulder milling cutters

MC233 Advance

Xill-tec®



- Chip breaker



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D _c h10 mm	h ₁₁ mm	L _c mm	h ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WK40TF
<p>DIN 6535 HB</p>	MC233-08.0W4L-	8	0,1	28	80	44	8	4	☺
	MC233-10.0W4L-	10	0,1	32	100	60	10	4	☺
	MC233-12.0W4L-	12	0,1	40	100	55	12	4	☺
	MC233-16.0W5L-	16	0,15	50	115	67	16	5	☺
	MC233-20.0W5L-	20	0,15	55	125	75	20	5	☺
	MC233-25.0W8LJ-	25	0,15	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

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★

●● Primary application ● Other application

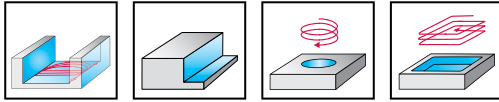
Solid carbide shoulder milling cutters

MC233 Advance

Xill-tec®



- Chip breaker



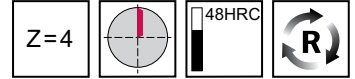
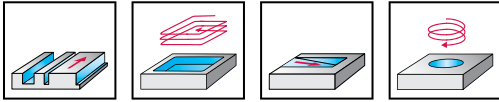
	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool		D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h5 mm	Z	WK40TF
<p>DIN 6535 HB</p>	Designation								
	MC233-08.0W4XL-	8	0,1	40	97	61	8	4	●●
	MC233-10.0W4XL-	10	0,1	50	118	78	10	4	●●
	MC233-12.0W4XL-	12	0,1	60	120	75	12	4	●●
	MC233-16.0W5XL-	16	0,15	80	145	97	16	5	●●
	MC233-20.0W6XL-	20	0,15	100	170	120	20	6	●●
	MC233-25.0W8XL-	25	0,15	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

Solid carbide shoulder/slot milling cutters

MC321 Advance inch



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D _c h11	D _c h11 inch	l ₁₁ inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ inch	Z	WJ30TF
<p>Cylindrical shank</p>	MC321.3.18A4C-	1/8"	0,1250		0,250	2,500	1,083	0,250	4	☺
	MC321.4.75A4C-	3/16"	0,1875		0,375	2,500	1,083	0,250	4	☺
	MC321.6.35A4C-	1/4"	0,2500		0,500	2,500	1,083	0,250	4	☺
	MC321.7.94A4C-	5/16"	0,3125		0,500	2,500	0,937	0,375	4	☺
	MC321.9.53A4C-	3/8"	0,3750	0,004	0,563	2,500	0,937	0,375	4	☺
	MC321.12.7A4C-	1/2"	0,5000	0,006	0,625	3,000	1,217	0,500	4	☺

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WJ30TF: MC321.12.7A4C-WJ30TF

D1

WALTER SELECT ●● Primary application ● Other application

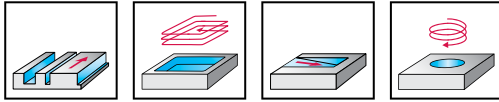
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★ machining conditions

Solid carbide shoulder/slot milling cutters

MC213 Advance



- Long reach
- Type HSC 30, long



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WJ30TF
<p>DIN 6535 HA</p>	MC213-06.3A2X-	6,3		6	100	64	6	2	☺
	MC213-08.3A2X-	8,3		8	100	64	8	2	☺
	MC213-10.3A2X-	10,3	0,1	10	150	110	10	2	☺
	MC213-14.5A2X-	14,5	0,15	14	150	105	14	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 WJ30TF: MC213-06.3A2X-WJ30TF

D1

WALTER SELECT ●● Primary application ● Other application

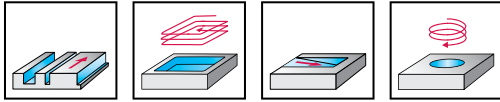
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC213 Advance



- Long reach
- Type HSC 30, long



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	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	WJ30TF
<p>DIN 6535 HA</p>	MC213-00.6A2L006C-	0,6	0,06	0,6	2	0,6	54	18	6	2	☺
	MC213-00.8A2L008C-	0,8	0,08	0,8	3	0,8	54	18	6	2	☺
	MC213-01.0A2L010C-	1	0,1	1	4	1	65	29	6	2	☺
	MC213-01.5A2L015C-	1,5	0,15	1,5	6	1,4	65	29	6	2	☺
	MC213-02.0A2L020C-	2	0,2	2	8	1,9	72	36	6	2	☺
	MC213-02.0A2L050C-	2	0,5	2	8	1,9	72	36	6	2	☺
	MC213-03.0A2L020C-	3	0,2	3	12	2,9	72	36	6	2	☺
	MC213-03.0A2L030C-	3	0,3	3	12	2,9	72	36	6	2	☺
	MC213-04.0A2L040C-	4	0,4	4	16	3,8	72	36	6	2	☺
	MC213-05.0A2L050C-	5	0,5	5	20	4,8	72	36	6	2	☺
	MC213-06.0A2L020C-	6	0,2	6	24	5,7	72	36	6	2	☺
	MC213-06.0A2L050C-	6	0,5	6	24	5,7	72	36	6	2	☺
	MC213-08.0A2L030C-	8	0,3	8	29	7,6	80	44	8	2	☺
	MC213-08.0A2L050C-	8	0,5	8	29	7,6	80	44	8	2	☺
	MC213-08.0A2L100C-	8	1	8	29	7,6	80	44	8	2	☺
	MC213-10.0A2L030C-	10	0,3	10	35	9,5	100	60	10	2	☺
	MC213-10.0A2L050C-	10	0,5	10	35	9,5	100	60	10	2	☺
	MC213-10.0A2L100C-	10	1	10	35	9,5	100	60	10	2	☺
	MC213-10.0A2L150C-	10	1,5	10	35	9,5	100	60	10	2	☺
	MC213-12.0A2L050C-	12	0,5	12	36	11,4	100	55	12	2	☺
MC213-12.0A2L100C-	12	1	12	36	11,4	100	55	12	2	☺	

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WJ30TF: MC213-00.6A2L006C-WJ30TF

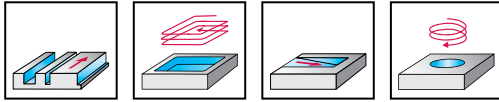
D1

Solid carbide shoulder/slot milling cutters

MC213 Advance



- Long reach
- Type HSC 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	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	WJ30TF
<p>DIN 6535 HA</p>	MC213-04.0A2X050R-	4	0,5	4	20	3,9	100	64	6	2	☺
	MC213-04.0A2X050S-	4	0,5	4	30	3,9	100	64	6	2	☺
	MC213-04.0A2X050T-	4	0,5	4	40	3,9	100	64	6	2	☺
	MC213-05.0A2X050R-	5	0,5	5	25	4,9	100	64	6	2	☺
	MC213-05.0A2X050S-	5	0,5	5	50	4,9	100	64	6	2	☺
	MC213-06.0A4X050R-	6	0,5	6	30	5,9	100	64	6	4	☺
	MC213-06.0A4X050S-	6	0,5	6	45	5,9	100	64	6	4	☺
	MC213-06.0A4X050T-	6	0,5	6	60	5,9	100	64	6	4	☺
	MC213-08.0A4X050R-	8	0,5	8	40	7,9	120	84	8	4	☺
	MC213-08.0A4X050S-	8	0,5	8	60	7,9	120	84	8	4	☺
	MC213-08.0A4X050T-	8	0,5	8	80	7,9	120	84	8	4	☺
	MC213-10.0A4X100S-	10	1	10	50	9,9	150	110	10	4	☺
	MC213-10.0A4X100T-	10	1	10	75	9,9	150	110	10	4	☺
	MC213-12.0A4X100S-	12	1	12	60	11,8	150	105	12	4	☺

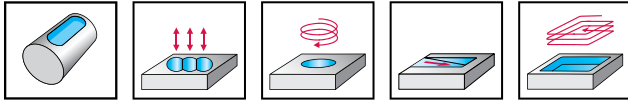
Slot milling $a_p \leq 0.3 \times D_c$ | Shoulder milling $a_e \leq 0.3 \times D_c$ | Ordering example for the grade WJ30TF: MC213-04.0A2X050R-WJ30TF

Solid carbide routing cutters

MC716 Advance



- Type 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D _c e8 mm	h ₁₁ mm	L _c mm	h ₁ mm	l ₄ mm	d ₁ mm	Z	WJ30TF
<p>DIN 6535 HB</p>	MC716-02.0W2A-	2	0,1	3	50	14	6	2	☺
	MC716-02.5W2A-	2,5	0,1	3	50	14	6	2	☺
	MC716-02.8W2A-	2,8	0,1	4	50	14	6	2	☺
	MC716-03.0W2A-	3	0,1	4	50	14	6	2	☺
	MC716-03.5W2A-	3,5	0,1	4	50	14	6	2	☺
	MC716-03.8W2A-	3,8	0,1	5	54	18	6	2	☺
	MC716-04.0W2A-	4	0,1	5	54	18	6	2	☺
	MC716-04.8W2A-	4,8	0,15	6	54	18	6	2	☺
	MC716-05.0W2A-	5	0,15	6	54	18	6	2	☺
	MC716-05.75W2A-	5,75	0,15	7	54	18	6	2	☺
	MC716-06.0W2A-	6	0,15	7	54	18	6	2	☺
	MC716-07.75W2A-	7,75	0,15	9	58	22	8	2	☺
	MC716-08.0W2A-	8	0,15	9	58	22	8	2	☺
	MC716-09.0W2A-	9	0,25	10	66	26	10	2	☺
	MC716-09.7W2A-	9,7	0,25	11	66	26	10	2	☺
	MC716-10.0W2A-	10	0,25	11	66	26	10	2	☺
MC716-11.7W2A-	11,7	0,25	12	73	28	12	2	☺	
MC716-12.0W2A-	12	0,25	12	73	28	12	2	☺	
MC716-13.7W2A-	13,7	0,25	14	75	30	14	2	☺	
MC716-16.0W2A-	16	0,25	16	82	34	16	2	☺	

Slot milling $a_p \leq 0,5 \times D_c$ | Shoulder milling $a_e \leq 0,6 \times D_c$ | *Undersized milling cutter with cutting edge tolerance h10 | Ordering example for the grade WJ30TF: MC716-02.0W2A-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

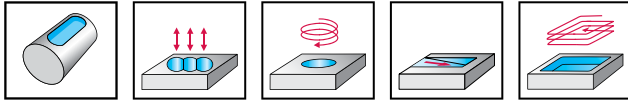
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide routing cutters

MC716 Advance mm



- Type 30



P	M	K	N	S	H	O
●●	●	●	●	●	●	●

Tool	Designation	D _c h10 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WJ30TF
<p>DIN 6535 HB</p>	MC716-01.8W3A-	1,8	0,1	3	50	14	6	3	☺
	MC716-02.0W3A-	2	0,1	3	50	14	6	3	☺
	MC716-02.5W3A-	2,5	0,1	3	50	14	6	3	☺
	MC716-02.8W3A-	2,8	0,1	4	50	14	6	3	☺
	MC716-03.0W3A-	3	0,1	4	50	14	6	3	☺
	MC716-03.5W3A-	3,5	0,1	4	50	14	6	3	☺
	MC716-03.8W3A-	3,8	0,1	5	54	18	6	3	☺
	MC716-04.0W3A-	4	0,1	5	54	18	6	3	☺
	MC716-04.8W3A-	4,8	0,15	6	54	18	6	3	☺
	MC716-05.0W3A-	5	0,15	6	54	18	6	3	☺
	MC716-05.75W3A-	5,75	0,15	7	54	18	6	3	☺
	MC716-06.0W3A-	6	0,15	7	54	18	6	3	☺
	MC716-06.75W3A-	6,75	0,15	8	58	22	8	3	☺
	MC716-07.0W3A-	7	0,15	8	58	22	8	3	☺
	MC716-07.75W3A-	7,75	0,15	9	58	22	8	3	☺
	MC716-08.0W3A-	8	0,15	9	58	22	8	3	☺
	MC716-09.0W3A-	9	0,25	10	66	26	10	3	☺
	MC716-09.7W3A-	9,7	0,25	11	66	26	10	3	☺
	MC716-10.0W3A-	10	0,25	11	66	26	10	3	☺
	MC716-11.7W3A-	11,7	0,25	12	73	28	12	3	☺
MC716-12.0W3A-	12	0,25	12	73	28	12	3	☺	
MC716-13.7W3A-	13,7	0,25	14	75	30	14	3	☺	
MC716-14.0W3A-	14	0,25	14	75	30	14	3	☺	
MC716-15.7W3A-	15,7	0,25	16	82	34	16	3	☺	
MC716-16.0W3A-	16	0,25	16	82	34	16	3	☺	
MC716-20.0W3A-	20	0,35	20	92	42	20	3	☺	

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | *Undersized milling cutter with cutting edge tolerance h10 | Ordering example for the grade WJ30TF: MC716-01.8W3A-WJ30TF

WALTER SELECT ●● Primary application ● Other application

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

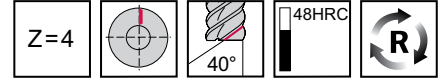
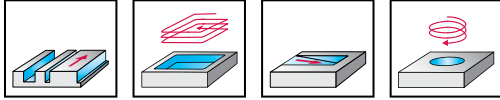
D1

Solid carbide shoulder/slot milling cutter

MC319 Advance



- Long reach



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

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	WK40TF
<p>DIN 6535 HB</p>	MC319-05.0W4BC-	5	13	16	4,8	57	21	6	4	☺
	MC319-06.0W4BC-	6	13	13	5,6	57	21	6	4	☺
	MC319-07.0W4BC-	7	16	26	6,5	63	27,3	8	4	☺
	MC319-08.0W4BC-	8	19	25	7,5	63	27	8	4	☺
	MC319-09.0W4BC-	9	19	31	8,8	72	32	10	4	☺
	MC319-10.0W4BC-	10	22	30	9,5	72	32	10	4	☺
	MC319-11.0W4BC-	11	26	35	10,5	83	38	12	4	☺
	MC319-12.0W4BC-	12	26	36	11,4	83	38	12	4	☺
	MC319-13.0W4BC-	13	26	35	12,4	83	38	14	4	☺
	MC319-14.0W4BC-	14	26	36	13,3	83	38	14	4	☺
	MC319-16.0W4BC-	16	32	42	15,2	92	44	16	4	☺
	MC319-18.0W4BC-	18	32	42	17,1	92	44	18	4	☺
	MC319-20.0W4BC-	20	38	52	19	104	54	20	4	☺
	MC319-25.0W4BC-	25	45	63	23,8	121	65	25	4	☺

Slot milling $a_p \leq 2.0 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WK40TF: MC319-05.0W4BC-WK40TF

D1

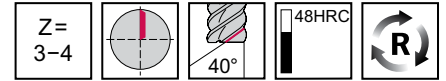
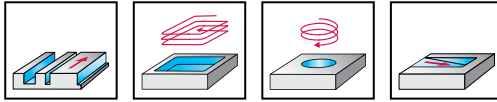
WALTER SELECT

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ / ★

●● Primary application ● Other application

Solid carbide shoulder/slot milling cutter

MC320 Advance



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D _c h12 mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WK40TF
<p>DIN 6535 HB</p>	MC320-06.0W3A-	6	7	54	18	6	3	☺
	MC320-08.0W3A-	8	9	58	18	8	3	☺
	MC320-10.0W3A-	10	11	66	26	10	3	☺
	MC320-12.0W3A-	12	12	73	28	12	3	☺
	MC320-16.0W3A-	16	16	82	34	16	3	☺
	MC320-20.0W3A-	20	20	92	42	20	3	☺
	MC320-06.0W4A-	6	7	54	18	6	4	☺
	MC320-08.0W4A-	8	9	58	18	8	4	☺
	MC320-10.0W4A-	10	11	66	26	10	4	☺
	MC320-12.0W4A-	12	12	73	28	12	4	☺
	MC320-16.0W4A-	16	16	82	34	16	4	☺
	MC320-20.0W4A-	20	20	92	42	20	4	☺

Ordering example for the grade WK40TF: MC320-06.0W3A-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

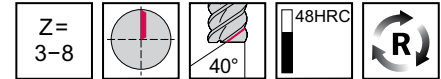
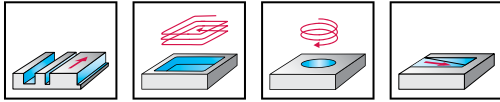
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutter

MC320 Advance



- Long reach



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

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	WK40TF
<p>DIN 6535 HB</p>	MC320-04.0W3BC-	4	8	15	3,8	57	21	6	3	☺
	MC320-04.0W4BC-	4	11	15	3,8	57	21	6	4	☺
	MC320-05.0W3BC-	5	10	16	4,8	57	21	6	3	☺
	MC320-05.0W4BC-	5	13	16	4,8	57	21	6	4	☺
	MC320-06.0W3BC-	6	10	19	5,5	57	21	6	3	☺
	MC320-06.0W4BC-	6	13	19	5,5	57	21	6	4	☺
	MC320-06.0W5BC-	6	13	19	5,5	57	21	6	5	☺
	MC320-08.0W4BC-	8	19	25	7,5	63	27	8	4	☺
	MC320-08.0W5BC-	8	19	25	7,5	63	27	8	5	☺
	MC320-10.0W4BC-	10	22	30	9,5	72	32	10	4	☺
	MC320-10.0W5BC-	10	22	30	9,5	72	32	10	5	☺
	MC320-12.0W4BC-	12	26	36	11,4	83	38	12	4	☺
	MC320-12.0W5BC-	12	26	36	11,4	83	38	12	5	☺
	MC320-14.0W4BC-	14	26	36	13,3	83	38	14	4	☺
	MC320-14.0W5BC-	14	26	36	13,3	83	38	14	5	☺
	MC320-16.0W4BC-	16	32	42	15,2	92	44	16	4	☺
	MC320-16.0W6BC-	16	32	42	15,2	92	44	16	6	☺
	MC320-18.0W4BC-	18	32	42	17,1	92	44	18	4	☺
	MC320-18.0W6BC-	18	32	42	17,1	92	44	18	6	☺
	MC320-20.0W4BC-	20	38	52	19	104	54	20	4	☺
MC320-20.0W6BC-	20	38	52	19	104	54	20	6	☺	
MC320-20.0W8BC-	20	38	52	19	104	54	20	8	☺	
MC320-25.0W4BC-	25	45	63	23,8	121	65	25	4	☺	
MC320-25.0W6BC-	25	45	63	23,8	121	65	25	6	☺	
MC320-25.0W8BC-	25	45	63	23,8	121	65	25	8	☺	

 Slot milling $a_p \leq 1.5 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WK40TF: MC320-04.0W3BC-WK40TF

D1

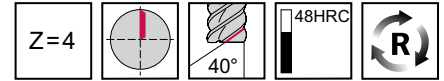
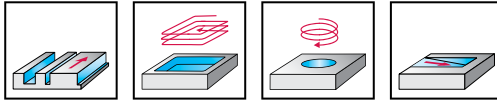
●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★ machining conditions

Solid carbide shoulder/slot milling cutter

MC320 Advance inch



– Long reach



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●	●	●

Tool		Designation	D _c h12	D _c h12 inch	L _c inch	l ₃ inch	d ₂ inch	l ₁ inch	l ₄ inch	d ₁ inch	Z	WK40TF
		MC320.6.35W4DC-	1/4"	0,2500	0,750	0,875	0,23	3,000	1,437	0,375	4	☺
		MC320.9.52W4DC-	3/8"	0,3750	0,875	1,000	0,355	3,000	1,437	0,375	4	☺
		MC320.12.7W4DC-	1/2"	0,5000	1,000	1,374	0,475	3,500	1,717	0,500	4	☺
		MC320.19.1W4DC-	3/4"	0,7500	1,500	2,000	0,713	4,000	2,032	0,750	4	☺

DIN 6535 HB

Slot milling $a_p \leq 1.5 \times D_c$ | Shoulder milling $a_e \leq 0.6 \times D_c$ | Ordering example for the grade WK40TF: MC320.12.7W4DC-WK40TF

D1

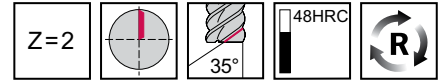
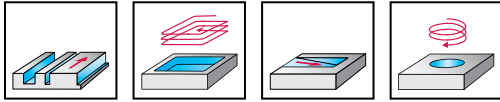
WALTER SELECT

●● Primary application ● Other application

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

Solid carbide shoulder/slot milling cutters

ME232 Perform



	P	M	K	N	S	H	0
WJ30ED	●●	●	●	●	●		

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

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

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

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

D1

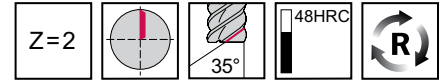
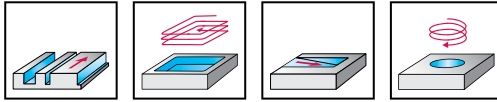
WALTER SELECT

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

●● Primary application ● Other application

Solid carbide shoulder/slot milling cutters

ME232 Perform inch



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●	●	●

Tool		Designation	D _c inch	D _c h12 inch	l ₁₁ inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WJ30ED
		ME232.3.18A2D-	1/8"	0,1250		0,500	2,500	1,083	0,250	2	☺
		ME232.6.35A2D-	1/4"	0,2500		0,750	2,500	1,083	0,250	2	☺
Cylindrical shank											
		ME232.9.53W2D-	3/8"	0,3750	0,004	0,875	3,000	1,437	0,375	2	☺
		ME232.12.7W2D-	1/2"	0,5000	0,006	1,000	3,500	1,717	0,500	2	☺
		ME232.15.9W2D-	5/8"	0,6250	0,006	1,250	3,500	1,594	0,625	2	☺
		ME232.19.1W2D-	3/4"	0,7500	0,006	1,500	4,000	1,969	0,750	2	☺
DIN 6535 HB											

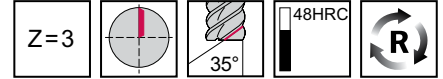
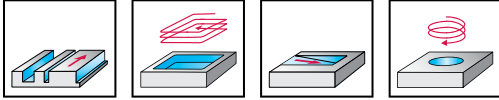
Ordering example for the grade WJ30ED: ME232.3.18A2D-WJ30ED

D1

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

Solid carbide shoulder/slot milling cutters

ME232 Perform



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

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

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

D1

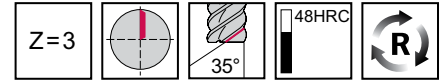
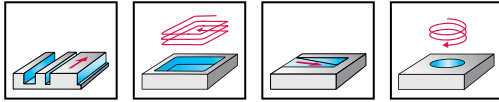
WALTER SELECT

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★

●● Primary application ● Other application

Solid carbide shoulder/slot milling cutters

ME232 Perform



	P	M	K	N	S	H	0
WJ30ED	●●	●	●	●	●		

Tool		D _c h12 mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
<p>DIN 6535 HA</p>	Designation							
	ME232-02.0A3L-	2	6	57	29	4	3	☺
	ME232-02.5A3L-	2,5	7	57	29	4	3	☺
	ME232-03.0A3L-	3	7	57	29	4	3	☺
	ME232-03.5A3L-	3,5	7	57	29	4	3	☺
	ME232-04.0A3L-	4	8	57	29	4	3	☺

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

		D _c h12 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
<p>DIN 6535 HB</p>	Bezeichnung								
	ME232-05.0W3B-	5		10	57	21	6	3	☺
	ME232-06.0W3B-	6		10	57	21	6	3	☺
	ME232-08.0W3B-	8		16	63	27	8	3	☺
	ME232-10.0W3B-	10	0,1	19	72	32	10	3	☺
	ME232-12.0W3B-	12	0,1	22	83	38	12	3	☺
	ME232-16.0W3B-	16	0,15	26	92	44	16	3	☺
	ME232-20.0W3B-	20	0,15	32	104	54	20	3	☺

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

WALTER SELECT

●● Primary application ● Other application

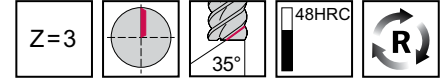
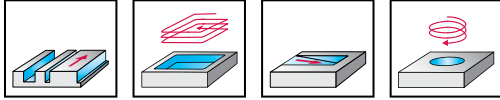
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

ME232 Perform 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 h6 mm	Z	WJ30ED
	ME232-02.0A3LC-	2	6	11	1,9	57	29	4	3	☺
	ME232-02.5A3LC-	2,5	7	12	2,4	57	29	4	3	☺
	ME232-03.0A3LC-	3	7	12	2,9	57	29	4	3	☺
	ME232-03.5A3LC-	3,5	7	15	3,3	57	29	4	3	☺
	ME232-04.0A3LC-	4	8	15	3,8	57	29	4	3	☺

DIN 6535 HA

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

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

DIN 6535 HB

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

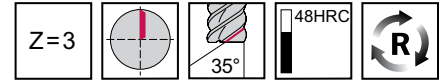
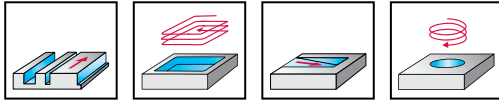
D1

**WALTER
SELECT**

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

Solid carbide shoulder/slot milling cutters

ME232 Perform inch



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●	●	●

Tool		Designation	D _c	D _c h12 inch	l ₁₁ inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WJ30ED
		ME232.3.18A3D-	1/8"	0,1250		0,500	2,500	1,083	0,250	3	☺
		ME232.6.35A3D-	1/4"	0,2500		0,750	2,500	1,083	0,250	3	☺
Cylindrical shank											
		ME232.9.53W3D-	3/8"	0,3750	0,004	0,875	3,000	1,437	0,375	3	☺
		ME232.12.7W3D-	1/2"	0,5000	0,006	1,000	3,500	1,717	0,500	3	☺
		ME232.15.9W3D-	5/8"	0,6250	0,006	1,250	3,500	1,594	0,625	3	☺
		ME232.19.1W3D-	3/4"	0,7500	0,006	1,500	4,000	1,969	0,750	3	☺
DIN 6535 HB											

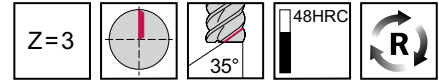
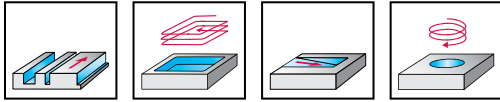
Ordering example for the grade WJ30ED: ME232.3.18A3D-WJ30ED

D1

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

Solid carbide shoulder/slot milling cutters

ME232 Perform inch



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool

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

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

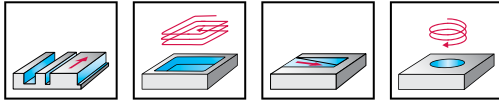
D1

WALTER
SELECT

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

Solid carbide shoulder/slot milling cutters

ME232 Perform



	P	M	K	N	S	H	0
WJ30ED	●●	●	●	●	●		

Tool	Designation	D _c h12 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
<p>DIN 6535 HA</p>	ME232-03.0A4S-	3		4	39	11	6	4	☺
	ME232-04.0A4S-	4		6	39	12	6	4	☺
	ME232-05.0A4S-	5		7	39	13	6	4	☺
	ME232-06.0A4S-	6		9	39	12	6	4	☺
	ME232-08.0A4S-	8		11	44	14	8	4	☺
	ME232-10.0A4S-	10	0,1	13	51	16	10	4	☺
	ME232-12.0A4S-	12	0,1	13	56	16	12	4	☺
	ME232-16.0A4S-	16	0,15	16	63	19	16	4	☺

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

D1

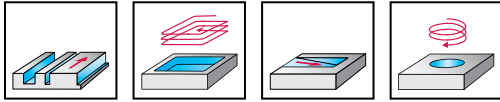
WALTER SELECT

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

●● Primary application ● Other application

Solid carbide shoulder/slot milling cutters

ME232 Perform



	P	M	K	N	S	H	0
WJ30ED	●●	●	●	●	●		

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

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

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

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

D1

WALTER SELECT

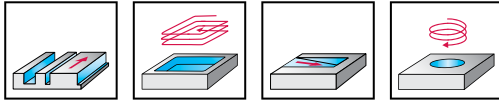
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★

●● Primary application ● Other application

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

Solid carbide shoulder/slot milling cutters

ME232 Perform inch



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●	●	●

Tool	Designation	D _c	D _c h12 inch	l ₁₁ inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WJ30ED
<p>Cylindrical shank</p>	ME232.3.18A4D-	1/8"	0,1250		0,500	2,500	1,083	0,250	4	☺
	ME232.6.35A4D-	1/4"	0,2500		0,750	2,500	1,083	0,250	4	☺
<p>DIN 6535 HB</p>	ME232.9.53W4D-	3/8"	0,3750	0,004	0,875	3,000	1,437	0,375	4	☺
	ME232.12.7W4D-	1/2"	0,5000	0,006	1,000	3,500	1,717	0,500	4	☺
	ME232.15.9W4D-	5/8"	0,6250	0,006	1,250	3,500	1,594	0,625	4	☺
	ME232.19.1W4D-	3/4"	0,7500	0,006	1,500	4,000	1,969	0,750	4	☺

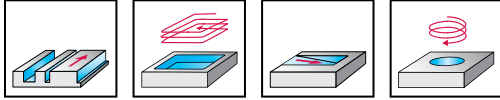
Ordering example for the grade WJ30ED: ME232.3.18A4D-WJ30ED

Solid carbide shoulder/slot milling cutters

ME232 Perform



- Long reach



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

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

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

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

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

D1

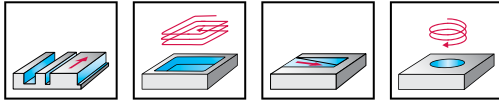
●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide shoulder/slot milling cutters

ME232 Perform mm



- Long reach



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

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

DIN 6535 HA

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

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

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

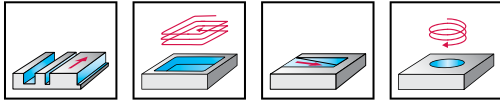
WALTER SELECT ●● Primary application ● Other application

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

D1

Solid carbide shoulder/slot milling cutters

ME232 Perform inch



	P	M	K	N	S	H	0
WJ30ED	●●	●	●	●	●		

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

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

D1

WALTER SELECT

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ / ★

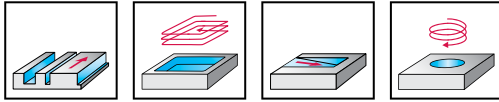
●● Primary application ● Other application

Solid carbide shoulder/slot milling cutters

ME232 Perform inch



– Long reach



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool	Designation	D _c	D _c h12 inch	R inch	L _c inch	l ₃ inch	d ₂ inch	l ₁ inch	l ₄ inch	d ₁ h6 inch	Z	WJ30ED
<p>Cylindrical shank</p>	ME232.3.18A4D038C-	1/8"	0,1250	0,015	0,500	0,625	0,119	2,500	1,083	0,250	4	☺
	ME232.6.35A4D038C-	1/4"	0,2500	0,015	0,750	1,000	0,238	2,500	1,083	0,250	4	☺
	ME232.6.35A4D076C-	1/4"	0,2500	0,030	0,750	1,000	0,238	2,500	1,083	0,250	4	☺
<p>DIN 6535 HB</p>	ME232.9.53W4D038C-	3/8"	0,3750	0,015	0,875	1,125	0,356	3,000	1,437	0,375	4	☺
	ME232.9.53W4D076C-	3/8"	0,3750	0,030	0,875	1,125	0,356	3,000	1,437	0,375	4	☺
	ME232.12.7W4D038C-	1/2"	0,5000	0,015	1,000	1,500	0,475	3,500	1,717	0,500	4	☺
	ME232.12.7W4D076C-	1/2"	0,5000	0,030	1,000	1,500	0,475	3,500	1,717	0,500	4	☺
	ME232.12.7W4D152C-	1/2"	0,5000	0,060	1,000	1,500	0,475	3,500	1,717	0,500	4	☺
	ME232.12.7W4D318C-	1/2"	0,5000	0,125	1,000	1,500	0,475	3,500	1,717	0,500	4	☺
	ME232.15.9W4D318C-	5/8"	0,6250	0,125	1,250	1,563	0,594	3,500	1,594	0,625	4	☺
	ME232.19.1W4D076C-	3/4"	0,7500	0,030	1,500	1,875	0,713	4,000	1,969	0,750	4	☺
ME232.19.1W4D318C-	3/4"	0,7500	0,125	1,500	1,875	0,713	4,000	1,969	0,750	4	☺	

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

WALTER SELECT ●● Primary application ● Other application

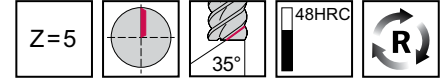
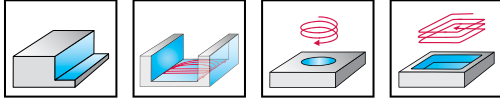
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide shoulder/slot milling cutters

ME232 Perform

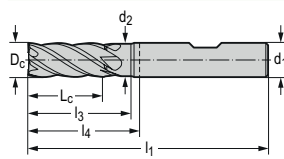


- Long reach



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

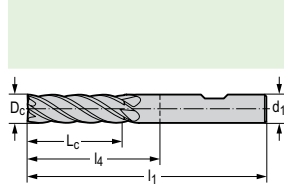
Tool



Designation	D _c h12 mm	l ₁₁ mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
ME232-06.0W5BC-	6		13	19	5,7	57	21	6	5	☺
ME232-08.0W5BC-	8		19	25	7,6	63	27	8	5	☺
ME232-10.0W5BC-	10	0,1	22	30	9,5	72	32	10	5	☺
ME232-12.0W5BC-	12	0,1	26	36	11,4	83	38	12	5	☺
ME232-16.0W5BC-	16	0,15	32	42	15,2	92	44	16	5	☺
ME232-20.0W5BC-	20	0,15	38	52	19	104	54	20	5	☺

DIN 6535 HB

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



Bezeichnung	D _c h12 mm	l ₁₁ mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
ME232-06.0W5L-	6		22	65	29	6	5	☺
ME232-08.0W5L-	8		28	80	44	8	5	☺
ME232-10.0W5L-	10	0,1	32	100	60	10	5	☺
ME232-12.0W5L-	12	0,1	40	100	55	12	5	☺
ME232-16.0W5L-	16	0,15	50	115	67	16	5	☺
ME232-20.0W5L-	20	0,15	55	125	75	20	5	☺

DIN 6535 HB

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

D1

WALTER
SELECT

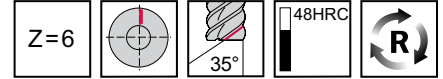
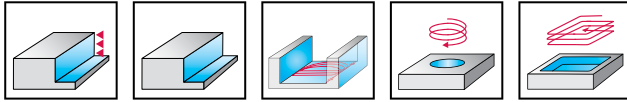
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★ machining conditions

Solid carbide shoulder/slot milling cutters

ME232 Perform



- Long reach



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool		D _c h12 mm	l ₁₁ mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30ED
<p>DIN 6535 HB</p>	Designation										
	ME232-06.0W6BC-	6		13	19	5,7	57	21	6	6	☺
	ME232-08.0W6BC-	8		19	25	7,6	63	27	8	6	☺
	ME232-10.0W6BC-	10	0,1	22	30	9,5	72	32	10	6	☺
	ME232-12.0W6BC-	12	0,1	26	36	11,4	83	38	12	6	☺
	ME232-16.0W6BC-	16	0,15	32	42	15,2	92	44	16	6	☺
	ME232-20.0W6BC-	20	0,15	38	52	19	104	54	20	6	☺

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

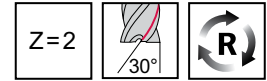
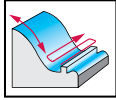
Solid carbide ball-nose copy milling cutters

H602111

Protostar®



- Type AI 30



	P	M	K	N	S	H	O
uncoated				●●			

Tool	Designation	D _c h9 mm	R mm	L _c mm	l ₄ mm	l ₁ mm	d ₁ h5 mm	Z
<p>DIN 6535 HA</p>	H602111-2	2	1	6	32	60	3	2
	H602111-3	3	1,5	7	44	80	6	2
	H602111-4	4	2	8	44	80	6	2
	H602111-5	5	2,5	10	44	80	6	2
	H602111-6	6	3	10	44	80	6	2
	H602111-8	8	4	16	64	100	8	2
	H602111-10	10	5	19	60	100	10	2
	H602111-12	12	6	22	55	100	12	2
	H602111-16	16	8	26	52	100	16	2

Shank tolerance h6 with shank diameter d₁ <gt/ > 10 mm

D1

**WALTER
SELECT**

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

●● Primary application ● Other application

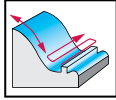
Solid carbide mini ball-nose copy milling cutters

H4046918

Protostar®



- Long reach
- Type HSC 30



Z=2

	P	M	K	N	S	H	O
TAX	●●			●			

Tool	Designation	R mm	D _c h7 mm	L _c mm	l ₃ mm	l ₄ mm	d ₂ mm	d ₁ mm	l ₁ mm	Z
<p>DIN 6535 HA</p>	H4046918-0.3-1.5	0,15	0,3	0,3	1,5	10	0,27	3	38	2
	H4046918-0.4-1	0,2	0,4	0,4	1	10	0,37	3	38	2
	H4046918-0.4-2	0,2	0,4	0,4	2	10	0,37	3	38	2
	H4046918-0.4-4	0,2	0,4	0,4	4	10	0,37	3	38	2
	H4046918-0.5-1.25	0,25	0,5	0,5	1,25	10	0,47	3	38	2
	H4046918-0.5-5	0,25	0,5	0,5	5	10	0,47	3	38	2
	H4046918-0.6-1.5	0,3	0,6	0,6	1,5	10	0,57	3	38	2
	H4046918-0.6-3	0,3	0,6	0,6	3	10	0,57	3	38	2
	H4046918-0.6-6	0,3	0,6	0,6	6	10	0,57	3	38	2
	H4046918-0.6-9	0,3	0,6	0,6	9	13	0,57	3	38	2
	H4046918-0.8-12	0,4	0,8	0,8	12	32	0,77	3	60	2
	H4046918-0.8-2	0,4	0,8	0,8	2	10	0,77	3	38	2
	H4046918-0.8-4	0,4	0,8	0,8	4	10	0,77	3	38	2
	H4046918-1-10	0,5	1	1	10	32	0,97	3	60	2
	H4046918-1-15	0,5	1	1	15	32	0,97	3	60	2
	H4046918-1-2.5	0,5	1	1	2,5	10	0,97	3	38	2
	H4046918-1-5	0,5	1	1	5	32	0,97	3	60	2
	H4046918-1-7.5	0,5	1	1	7,5	32	0,97	3	60	2
	H4046918-1.5-15	0,75	1,5	1,5	15	32	1,47	3	60	2
	H4046918-1.5-7.5	0,75	1,5	1,5	7,5	32	1,47	3	60	2
H4046918-2-10	1	2	2	10	32	1,97	3	60	2	
H4046918-2-15	1	2	2	15	32	1,97	3	60	2	
H4046918-2-20	1	2	2	20	32	1,97	3	60	2	
H4046918-2-30	1	2	2	30	32	1,97	3	60	2	
H4046918-2.5-12.5	1,25	2,5	2,5	12,5	32	2,47	3	60	2	
H4046918-3-15	1,5	3	3	15	32	2,97	3	60	2	

D1

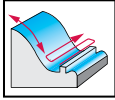
WALTER SELECT

●● Primary application ● Other application

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

Solid carbide ball-nose copy milling cutters

MC482 Advance



Z=2
30°
63HRC / 48HRC
R

	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
<p>DIN 6535 HA</p>	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	☺

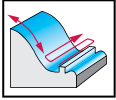
Ordering example for the grade WB10TG: MC482-03.0A2B-WB10TG

D1

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

Solid carbide ball-nose copy milling cutters

MC482 Advance



Z=2

63HRC
48HRC

	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

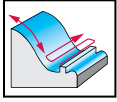
D1

WALTER SELECT

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

Solid carbide ball-nose copy milling cutters

MC482 Advance



Z=4

63HRC
48HRC

	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
<p>DIN 6535 HA</p>	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

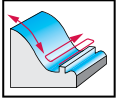
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide ball-nose copy milling cutters

MC482 Advance



- Long reach



Z=4

63HRC
 48HRC

	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

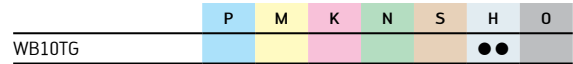
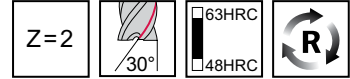
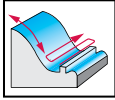
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide ball-nose copy milling cutters

MC482 Advance



- Long reach



Tool		D _c h7 mm	R mm	L _c mm	l ₃ mm	l ₄ mm	l ₁ mm	α	d ₁ mm	Z	WB10TG
<p>DIN 6535 HA</p>	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

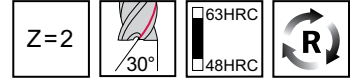
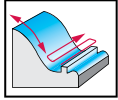
D1

Solid carbide ball-nose copy milling cutters

MC480 Advance



- Long reach



	P	M	K	N	S	H	O
WB10TG						●●	

Tool	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
<p>DIN 6535 HA</p>	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

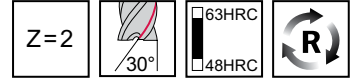
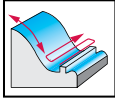
Solid carbide ball-nose copy milling cutters

H8004028

Protostar® Ultra



- Long reach
- Type HSC 30



	P	M	K	N	S	H	O
TAX						●●	

Tool		R	D _c	L _c	l ₃	l ₄	d ₂	d ₁	l ₁	Z
Designation		mm	h7 mm	mm	mm	mm	mm	mm	mm	
	H8004028-5	2,5	5	5	20	21	4,9	6	57	2
	H8004028-6	3	6	6	24	27	5,9	8	63	2
	H8004028-8	4	8	8	29	32	7,6	10	72	2

DIN 6535 HA

D1

WALTER SELECT

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

●● Primary application ● Other application

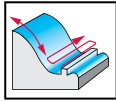
Solid carbide ball-nose copy milling cutters

H8006428

Protostar® Ultra



- Long reach
- Type HSC 30



Z=2

63HRC
48HRC

	P	M	K	N	S	H	O
TAX						●●	

Tool	Designation	R mm	D _c h7 mm	L _c mm	L _{c2} mm	l ₃ mm	l ₄ mm	d ₂ mm	d ₁ mm	l ₁ mm	Z	
	H8006428-1	0,5	1	2	0	20	39		6	75	2	
	H8006428-2	1	2	3	1,5	20	39	1,7	6	75	2	
	H8006428-3	1,5	3	4	1,5	30	44	2,5	6	80	2	
	H8006428-4	2	4	5	1,5	30	44	3,3	6	80	2	
	H8006428-5	2,5	5	7	2	43	44	4,1	6	80	2	
	H8006428-6	3	6	7	2	30	64	4,7	6	100	2	
	DIN 6535 HA	H8006428-8	4	8	9	3	36	64	6,5	8	100	2
		H8006428-10	5	10	11	3	43	60	8,2	10	100	2

With back cutting

D1

WALTER SELECT

●● Primary application ● Other application

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

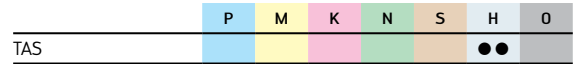
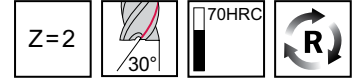
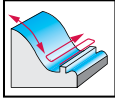
Solid carbide ball-nose copy milling cutters

H8004788

Proto-max™ Ultra



- Long reach



Tool		R	D _c h7	L _c	l ₄	d ₁	l ₁	Z
Designation		mm	mm	mm	mm	mm	mm	
<p>DIN 6535 HA</p>	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
	H8004788-6-57	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
	H8004788-10-100	5	10	15	60	10	100	2
	H8004788-10-72	5	10	15	32	10	72	2

D1

WALTER SELECT ●● Primary application ● Other application

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

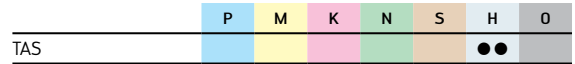
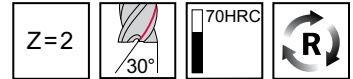
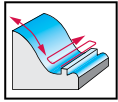
Solid carbide mini ball-nose copy milling cutters

H4046988

Proto-max™ Ultra



- Long reach



Tool		R	L _c	l ₃	d ₂	l ₁	Z
Designation		mm	mm	mm	mm	mm	
<p>DIN 6535 HA</p>	H4046988-1-1.5	0,5	0,8	1,5	0,96	45	2
	H4046988-1-10	0,5	0,8	10	0,96	45	2
	H4046988-1-3	0,5	0,8	3	0,96	45	2
	H4046988-1-8	0,5	0,8	8	0,96	45	2
	H4046988-1.2-1.8	0,6	1,1	1,8	1,15	45	2
	H4046988-1.2-3.6	0,6	1,1	3,6	1,15	45	2
	H4046988-1.5-2.25	0,75	1,35	2,25	1,44	45	2
	H4046988-1.5-8	0,75	1,35	8	1,44	45	2
	H4046988-2-12	1	1,7	12	1,92	50	2
	H4046988-2-3	1	1,7	3	1,92	45	2
	H4046988-2-6	1	1,7	6	1,92	45	2

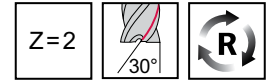
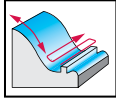
D1

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

Solid carbide mini ball-nose copy milling cutters

H4046919 mm
Protostar®


- Long reach
- Type HSC 30



P	M	K	N	S	H	O
DIA						●●

Tool		R	D _c h8	L _c	l ₃	l ₄	d ₂	d ₁	l ₁	Z
Designation		mm	mm	mm	mm	mm	mm	mm	mm	
<p>DIN 6535 HA</p>	H4046919-0.3-3	0,15	0,3	0,3	3	10	0,27	3	38	2
	H4046919-0.4-2	0,2	0,4	0,4	2	10	0,37	3	38	2
	H4046919-0.5-5	0,25	0,5	0,5	5	10	0,47	3	38	2
	H4046919-0.6-3	0,3	0,6	0,6	3	10	0,57	3	38	2
	H4046919-0.6-9	0,3	0,6	0,6	9	13	0,57	3	38	2
	H4046919-0.8-8	0,4	0,8	0,8	8	12	0,77	3	38	2
	H4046919-1-10	0,5	1	1	10	32	0,97	3	60	2
	H4046919-1-15	0,5	1	1	15	32	0,97	3	60	2
	H4046919-1-20	0,5	1	1	20	32	0,97	3	60	2
	H4046919-1-5	0,5	1	1	5	32	0,97	3	60	2
	H4046919-1.5-15	0,75	1,5	1,5	15	32	1,47	3	60	2
	H4046919-1.5-7.5	0,75	1,5	1,5	7,5	32	1,47	3	60	2
	H4046919-2-10	1	2	2	10	32	1,97	3	60	2
	H4046919-2-20	1	2	2	20	32	1,97	3	60	2
	H4046919-2-30	1	2	2	30	32	1,97	3	60	2
	H4046919-3-15	1,5	3	3	15	32	2,97	3	60	2
H4046919-3-30	1,5	3	3	30	32	2,97	3	60	2	

D1

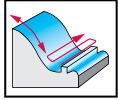
WALTER SELECT		●● Primary application	● Other application	
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions				

Solid carbide ball-nose copy milling cutters

MC416 Advance



- Type 30



Z=4

30°

48HRC

R

P	M	K	N	S	H	O
●●	●	●	●	●	●	●

Tool		R mm	D _c h7 mm	L _c mm	l ₄ mm	l ₁ mm	d ₁ mm	Z	WJ30TF
 DIN 6535 HA	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 HB	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	☺

Ordering example for the grade WJ30TF: MC416-03.0A4L-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

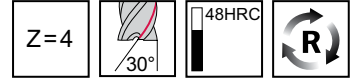
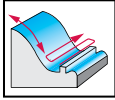
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide ball-nose copy milling cutters

MC416 Advance inch



- Type 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●	●	●

Tool	Designation	R inch	D _c h9 inch	L _c inch	l ₄ inch	d ₁ inch	l ₁ inch	Z	WJ30TF
<p>Cylindrical shank</p>	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

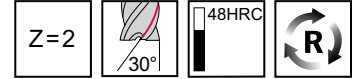
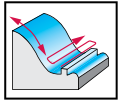
WALTER SELECT	●● Primary application ● Other application	
	Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★ machining conditions	

Solid carbide ball-nose copy milling cutters

MC416 Advance



- Type 30



	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
<p>DIN 6535 HA</p>	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

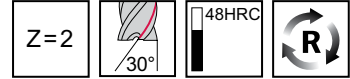
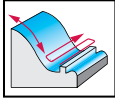
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide ball-nose copy milling cutters

MC413 Advance



- Long reach
- Type HSC 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	R mm	D _c h7 mm	L _c mm	L _{c2} mm	l ₄ mm	d ₂ mm	l ₃ mm	l ₁ mm	Z	d ₁ h5 mm	WJ30TF
<p>DIN 6535 HA</p>	MC413-01.0A2L-	0,5	1	2	0	39		20	75	2	6	☺
	MC413-02.0A2L-	1	2	3	1,5	39	1,7	20	75	2	6	☺
	MC413-03.0A2L-	1,5	3	4	1,5	44	2,5	30	80	2	6	☺
	MC413-04.0A2L-	2	4	5	1,5	44	3,3	30	80	2	6	☺
	MC413-05.0A2L-	2,5	5	7	2	44	4,1	43	80	2	6	☺
	MC413-06.0A2L-	3	6	7	2	64	4,7	30	100	2	6	☺
	MC413-08.0A2L-	4	8	9	3	64	6,5	36	100	2	8	☺
	MC413-10.0A2L-	5	10	11	3	60	8,2	43	100	2	10	☺

With back cutting | Ordering example for the grade WJ30TF: MC413-01.0A2L-WJ30TF

D1

WALTER SELECT

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★

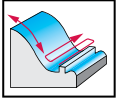
●● Primary application ● Other application

Solid carbide ball-nose copy milling cutters

MC413 Advance



- Long reach
- Type HSC 30



Z=4

	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●	●	●

Tool	Designation	R mm	D _c h7 mm	L _c mm	L _{c2} mm	l ₄ mm	d ₂ mm	l ₃ mm	l ₁ mm	Z	d ₁ h5 mm	WJ30TF
	MC413-05.0A4L-	2,5	5	7	2	44	4,1	43	80	4	6	☺
	MC413-06.0A4L-	3	6	7	2	64	4,7	30	100	4	6	☺
	MC413-08.0A4L-	4	8	9	3	64	6,5	36	100	4	8	☺
	MC413-10.0A4L-	5	10	11	3	60	8,2	43	100	4	10	☺
	MC413-12.0A4L-	6	12	13	3	55	9,8	52	100	4	12	☺
	MC413-16.0A4L-	8	16	15	3	102	13,4	61	150	4	16	☺

DIN 6535 HA

With back cutting | Shank tolerance h6 with shank diameter d₁ <gt; 10 mm | Ordering example for the grade WJ30TF: MC413-05.0A4L-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

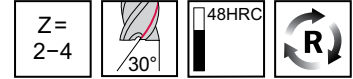
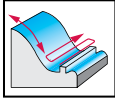
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide ball-nose copy milling cutters

MC413 Advance



- Long reach
- Type HSC 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	R mm	D _c h7 mm	L _c mm	l ₄ mm	d ₂ mm	l ₃ mm	l ₁ mm	Z	d ₁ h5 mm	WJ30TF
<p>DIN 6535 HA</p>	MC413-04.0A2XC-	2	4	4	64	3,9	20	100	2	6	☺
	MC413-04.0A2XD-	2	4	4	64	3,9	30	100	2	6	☺
	MC413-04.0A2XE-	2	4	4	64	3,9	40	100	2	6	☺
	MC413-05.0A2XC-	2,5	5	5	64	4,9	25	100	2	6	☺
	MC413-05.0A2XD-	2,5	5	5	64	4,9	50	100	2	6	☺
	MC413-06.0A4XC-	3	6	6	64	5,9	30	100	4	6	☺
	MC413-06.0A4XD-	3	6	6	64	5,9	45	100	4	6	☺
	MC413-06.0A4XE-	3	6	6	64	5,9	60	100	4	6	☺
	MC413-08.0A4XC-	4	8	8	84	7,85	40	120	4	8	☺
	MC413-08.0A4XD-	4	8	8	84	7,85	60	120	4	8	☺
	MC413-08.0A4XE-	4	8	8	84	7,85	80	120	4	8	☺
	MC413-10.0A4XD-	5	10	10	110	9,85	50	150	4	10	☺
	MC413-10.0A4XE-	5	10	10	110	9,85	75	150	4	10	☺
	MC413-12.0A4XD-	6	12	12	105	11,8	60	150	4	12	☺

Shank tolerance h6 with shank diameter d₁ <gt;/> 10 mm | Ordering example for the grade WJ30TF: MC413-04.0A2XC-WJ30TF

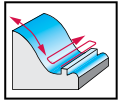
D1

WALTER
SELECT

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

Solid carbide ball-nose copy milling cutters

ME432 Perform



Z=2

48HRC

	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●	●	●

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

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

D1

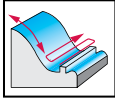
WALTER SELECT

●● Primary application ● Other application

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

Solid carbide ball-nose copy milling cutters

ME432 Perform



Z=4

48HRC

	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●	●	●

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

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

D1

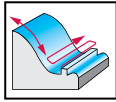
**WALTER
SELECT**

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

●● Primary application ● Other application

Solid carbide ball-nose copy milling cutters

ME432 Perform inch



Z=4

48HRC

	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

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

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

D1

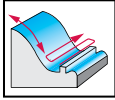
WALTER SELECT

●● Primary application ● Other application

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

Solid carbide ball-nose copy milling cutters

MC467 Advance



	P	M	K	N	S	H	O
WJ30UU				●●			

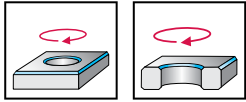
Tool	Designation	R mm	D _c h9 mm	L _c mm	l ₄ mm	l ₁ mm	d ₁ mm	Z	WJ30UU
<p>DIN 6535 HA</p>	★ MC467-02.0A2B-	1	2	6	32	60	3	2	☺
	★ MC467-03.0A2B-	1,5	3	7	44	80	6	2	☺
	★ MC467-04.0A2B-	2	4	8	44	80	6	2	☺
	★ MC467-05.0A2B-	2,5	5	10	44	80	6	2	☺
	★ MC467-06.0A2B-	3	6	10	44	80	6	2	☺
	★ MC467-08.0A2B-	4	8	16	64	100	8	2	☺
	★ MC467-10.0A2B-	5	10	19	60	100	10	2	☺
	★ MC467-12.0A2B-	6	12	22	55	100	12	2	☺
	★ MC467-16.0A2B-	8	16	26	52	100	16	2	☺

Ordering example for the grade WJ30UU: MC467-02.0A2B-WJ30UU

D1

60° solid carbide chamfer mill

MC500 Advance



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool		Designation	D _c mm	D _a mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WJ30TF
		MC500-06.0A4L-	1	6	4,3	57	20	6	4	☺
		MC500-10.0A4L-	1,5	10	7,35	100	59	10	4	☺
DIN 6535 HA										
		MC500-10.0W4L-	1,5	10	7,35	100	59	10	4	☺
DIN 6535 HB										

Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WJ30TF: MC500-06.0A4L-WJ30TF

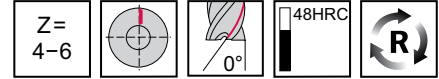
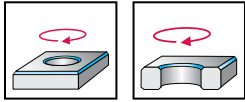
D1

WALTER SELECT ●● Primary application ● Other application

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

90° solid carbide chamfer mill

MC501 Advance



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D _c mm	D _a mm	L _c mm	h ₁ mm	l ₄ mm	d ₁ mm	Z	WJ30TF
<p>DIN 6535 HA</p>	MC501-06.0A4L-	1	6	2,5	57	21	6	4	☺
	MC501-10.0A4L-	1,5	10	4,25	100	59	10	4	☺
	MC501-08.0A5L-	2	8	3	80	43	8	5	☺
	MC501-12.0A6L-	3	12	4,5	83	37	12	6	☺
<p>DIN 6535 HB</p>	MC501-06.0W4L-	1	6	2,5	57	21	6	4	☺
	MC501-10.0W4L-	1,5	10	4,25	100	59	10	4	☺
	MC501-08.0W5L-	2	8	3	80	43	8	5	☺
	MC501-12.0W6L-	3	12	4,5	83	37	12	6	☺

Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WJ30TF: MC501-06.0A4L-WJ30TF

D1

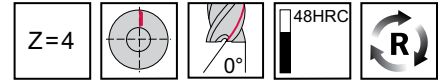
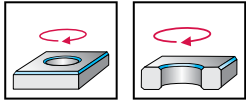
WALTER SELECT

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ / ★

●● Primary application ● Other application

120° solid carbide chamfer mill

MC502 Advance



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D _c mm	D _a mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WJ30TF
<p>DIN 6535 HA</p>	MC502-10.0A4L-	1,5	10	2,45	100	60	10	4	☺

Shoulder milling $a_e \leq 0.3 \times D_a$ | Ordering example for the grade WJ30TF: MC502-10.0A4L-WJ30TF

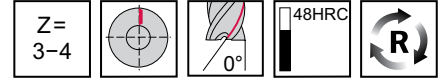
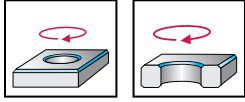
D1

WALTER SELECT ●● Primary application ● Other application

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

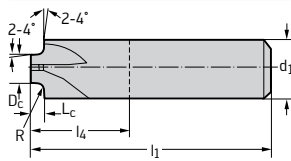
Solid carbide quarter-round profile mill

MC503 Advance



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	R mm	D _c mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30TF
MC503-04.0A3B050-	0,5	4	1	57	21	6	3	☺
MC503-04.0A3B075-	0,8	4	1	57	21	6	3	☺
MC503-04.0A3B080-	0,8	4	1	57	21	6	3	☺
MC503-04.0A4B100-	1	4	1	63	27	8	4	☺
MC503-04.0A4B150-	1,5	4	2	63	27	8	4	☺
MC503-05.0A4B200-	2	5	2	72	32	10	4	☺
MC503-05.0A4B250-	2,5	5	3	72	32	10	4	☺
MC503-05.0A4B300-	3	5	3	83	38	12	4	☺
MC503-06.0A4B400-	4	6	4	83	38	14	4	☺
MC503-06.0A4B500-	5	6	5	92	44	16	4	☺
MC503-08.0A4B600-	6	8	6	104	54	20	4	☺

Ordering example for the grade WJ30TF: MC503-04.0A3B050-WJ30TF

D1

WALTER
SELECT

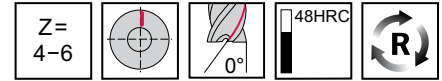
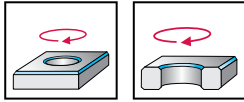
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★ machining conditions

Solid carbide forward/backward deburrer

MC504 Advance



- Long reach
- Type forward/backward deburrer



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool		D _a mm	D _c mm	L _c mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ h6 mm	Z	WJ30TF
	Designation										
	MC504-06.0A4LB-	6	0,4	4,25	19	3,9	100	64	6	4	☺
	MC504-08.0A4L-	8	5,9	2			100	64	6	4	☺
	MC504-10.0A6L-	10	5,9	4			100	64	6	6	☺
	MC504-12.0A6L-	12	5,9	6			100	64	6	6	☺

DIN 6535 HA

Ordering example for the grade WJ30TF: MC504-06.0A4LB-WJ30TF

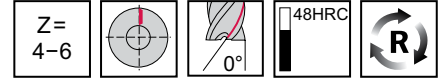
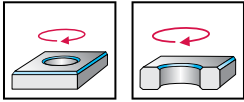
WALTER SELECT ●● Primary application ● Other application

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

Solid carbide chamfer milling cutter 90°

AH3058318 inch

Protostar®



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●	●	●

Tool

	Designation	D _c inch	D _a inch	L _c inch	l ₁ inch	l ₄ inch	d ₁ inch	Z
	AH3058318-1/4	0,0394	0,250	0,105	2,500	1,063	0,250	4
	AH3058318-3/8	0,0591	0,375	0,158	2,500	0,906	0,375	4
	AH3058318-1/2	0,1181	0,500	0,191	3,000	1,157	0,500	6

Cylindrical shank

Shoulder milling $a_e \leq 0.3 \times D_c$

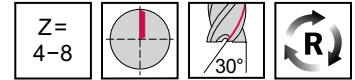
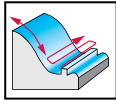
D1

Solid carbide circle segment milling cutters

MD838 Supreme



- Conical



	P	M	K	N	S	H	O
WJ30RA		●●		●	●●		
WJ30RD	●●		●				

Tool		Designation	$\alpha/2$	D_a mm	R_w mm	R_3 mm	R mm	L_c mm	d_1 h5 mm	l_1 mm	Z	WJ30RA	WJ30RD
<p>DIN 6535 HA</p>		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	☺	☺

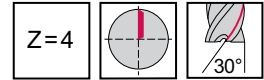
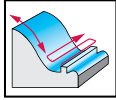
Ordering example for the grade WJ30RA: MD838-06A4P050250-WJ30RA

Solid carbide circle segment milling cutters

MD839 Supreme



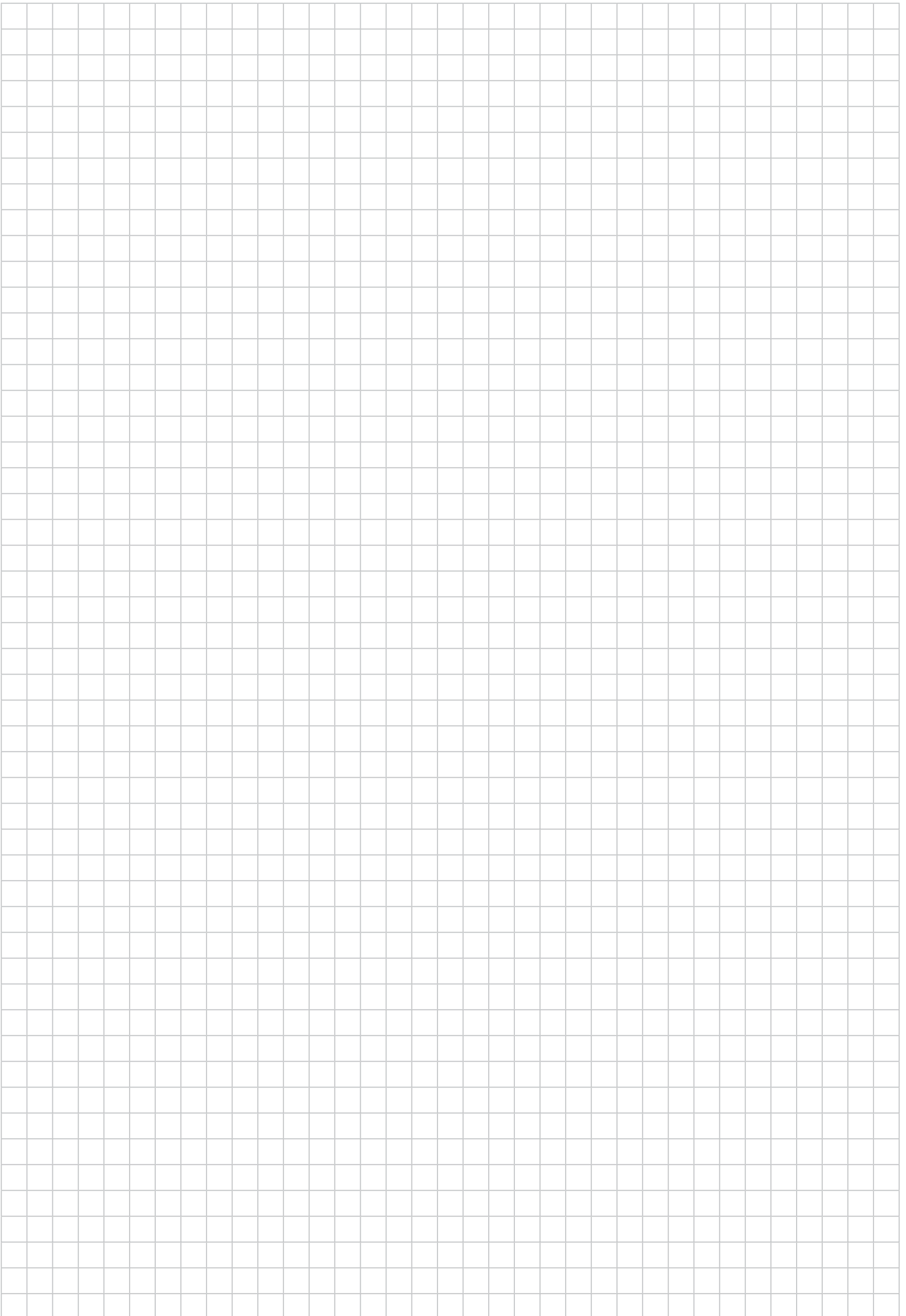
- Tangential



	P	M	K	N	S	H	O
WJ30RA		●●		●	●●		
WJ30RD	●●		●				

Tool		Designation	D _a mm	R mm	R _w mm	L _c mm	d ₁ mm	l ₁ mm	Z	WJ30RA	WJ30RD
<p>DIN 6535 HA</p>		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



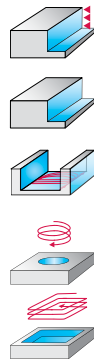
D1

High-feed milling cutters



Designation	MC025 Advance	Protostar® Flash	MD025	MD025	Protostar® Flash
Diameter range	10–25	10–16	10–25	10–25	10–25
Number of teeth	4	3	5–6	5–6	4–5
Corner radius	1,5–3	1,5–2	1,5–3	1,5–3	1,5–3
Diameter range	0,375–1,000	—	0,375–1,000	0,375–1,000	—
Number of teeth	4	—	5–6	5–6	—
Corner radius	0,060–0,125	—	0,060–0,125	0,060–0,125	—
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30TF	TAX	WJ30RD	WJ30RA	TAA
Shank	ConeFit	ConeFit	ConeFit	ConeFit	ConeFit
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●●	●●
K Cast iron	●	●	●	●	●
N NF metals				●	
S Materials with difficult cutting properties	●	●	●	●●	●
H Hard materials					
O Other					
Page in catalogue	D 225	D 228	D 223	D 223	D 227
QR code					
www.walter-tools.com/woc/	MC025	protostar-flash	MD025	MD025	protostar-flash

Shoulder milling cutters



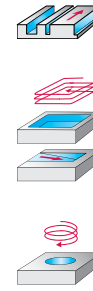
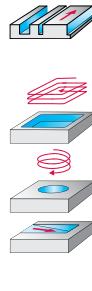
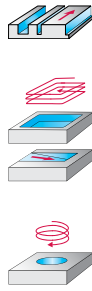
Designation	MC128	MD128	MD128
Diameter range	10–25	10–25	10–25
Number of teeth	6–8	6–8	6–8
Corner radius	0,5–4	0,5–4	0,5–4
Diameter range	—	—	—
Number of teeth	—	—	—
Corner radius	—	—	—
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30TF	WJ30RD	WJ30RA
Shank	ConeFit	ConeFit	ConeFit
P Steel	●●	●●	●●
M Stainless steel	●	●	●●
K Cast iron	●	●	●●
N NF metals			
S Materials with difficult cutting properties	●		●●
H Hard materials			
O Other			
Page in catalogue	D 231	D 229	D 229
QR code			
www.walter-tools.com/woc/	MC128	MD128	MD128

WALTER SELECT

●● Primary application ● Other application

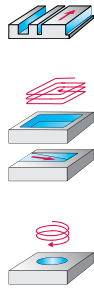
D1

Shoulder/slot milling cutters



Designation	MC326	MC320	Proto-max™ _{ST}	Protostar®	Proto-max™ _{Inox}
Diameter range	10–25	10–25	10–20	10–25	10–25
Number of teeth	4–5	4–8	4	3	4–5
Corner radius	0,5–4	0,35–0,4	0,5–4		0,5–4
Diameter range	0,375–1,000	—	—	—	—
Number of teeth	4–5				
Corner radius	0,015–0,125				
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30TF	WJ30TF	TAZ	TAX	TAA
Shank	ConeFit	ConeFit	ConeFit	ConeFit	ConeFit
P Steel	●●	●●	●●	●●	
M Stainless steel	●	●			●●
K Cast iron	●	●	●	●	
N NF metals					
S Materials with difficult cutting properties	●	●			●
H Hard materials					
O Other					
Page in catalogue	D 239	D 243	D 233	D 244	D 235
QR code					
www.walter-tools.com/woc/	MC326	MC320	protomax-st	protostar	protomax-inox

Shoulder/slot milling cutters



Designation	Protostar®	
Diameter range	10–25	
Number of teeth	2–3	
Corner radius		
Diameter range	—	
Number of teeth		
Corner radius		
Standard	PWZ-NORM	
Coating / grade	uncoated	
Shank	ConeFit	
P Steel		
M Stainless steel		
K Cast iron		
N NF metals	●●	
S Materials with difficult cutting properties		
H Hard materials		
O Other		

Page in catalogue D 237

QR code



www.walter-tools.com/woc/

protostar

WALTER SELECT

●● Primary application ● Other application

D1

Copy milling cutters



Designation	Protostar®	
Diameter range	10–25	
Number of teeth	2–4	
Corner radius	5–12,5	
Diameter range	0,375–1,000	
Number of teeth	4	
Corner radius	0,187–0,500	
Standard	PWZ-NORM	
Coating / grade	TAX	
Shank	ConeFit	
P Steel	●●	
M Stainless steel	●●	
K Cast iron	●	
N NF metals	●	
S Materials with difficult cutting properties		
H Hard materials		
O Other		

Page in catalogue D 245

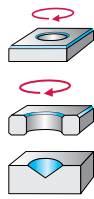
QR code



www.walter-tools.com/woc/

protostar

Profiling cutters



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

Page in catalogue D 249

QR code



www.walter-tools.com/woc/

protostar



WALTER SELECT

●● Primary application ● Other application

D1

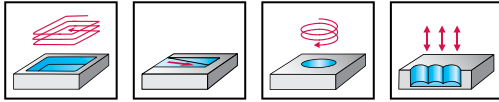
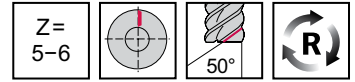
Circle segment milling cutters



Designation	MD838	MD838	
Diameter range	16	16	
Number of teeth	8	8	
Corner radius	2-4	2-4	
Diameter range	—	—	
Number of teeth			
Corner radius			
Standard	PWZ-NORM	PWZ-NORM	
Coating / grade	WJ30RD	WJ30RA	
Shank	ConeFit	ConeFit	
P Steel	●●		
M Stainless steel		●●	
K Cast iron	●		
N NF metals		●	
S Materials with difficult cutting properties		●●	
H Hard materials			
O Other			
Page in catalogue	D 258	D 258	
QR code			
www.walter-tools.com/woc/	MD838	MD838	

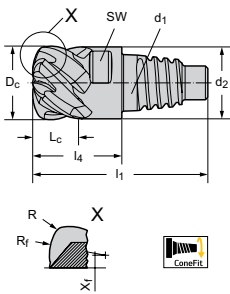
Solid carbide high-feed milling cutter

MD025



	P	M	K	N	S	H	O
WJ30RA		●●		●	●●		
WJ30RD	●●		●				

Tool



Designation	D _c h9 mm	L _c mm	x _f mm	R _f mm	R _{grs} 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	☺	☺

ConeFit

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30RA: MD025-10.0E5P150-WJ30RA

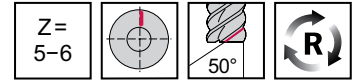
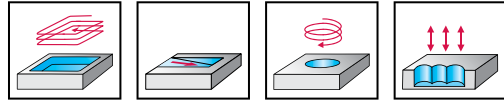
D1

**WALTER
SELECT**

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

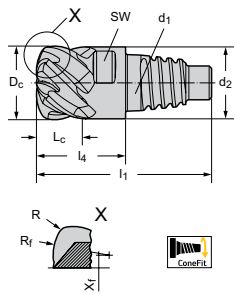
Solid carbide high-feed milling cutter

MD025 inch



	P	M	K	N	S	H	O
WJ30RA		●●		●	●●		
WJ30RD	●●		●				

Tool



Designation	D _c h9 inch	L _c inch	x _f inch	R _f inch	R _{grs} 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	☺	☹

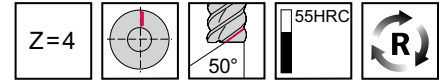
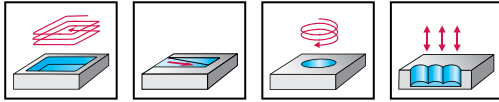
ConeFit

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30RA: MD025.12.7E6P152-WJ30RA

D1

Solid carbide high-feed milling cutter

MC025 Advance



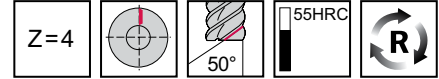
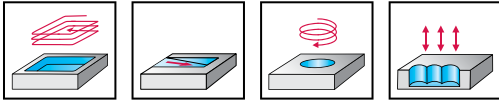
	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	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
<p>ConeFit</p> <p>Flash</p>	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 ≤ 0.5 x D_c | Ordering example for the grade WJ30TF: MC025-10.0E4P150-WJ30TF

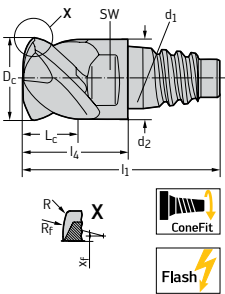
Solid carbide high-feed milling cutter

MC025 Advance inch



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool



Designation	D _c h9 inch	a _{pf} inch	x _f inch	R _f inch	R _{rs} inch	R inch	l ₁ inch	l ₄ inch	d ₁	Z	SW inch	WJ30TF
MC025.9.53E4P152-	0,3750	0,209	0,067	0,181	0,076	0,060	0,929	0,488	E10	4	0,315	☹
MC025.12.7E4P152-	0,5000	0,276	0,098	0,236	0,086	0,060	1,114	0,571	E12	4	0,394	☹
MC025.15.9E4P203-	0,6250	0,335	0,118	0,315	0,110	0,080	1,406	0,736	E16	4	0,472	☹
MC025.19.1E4P203-	0,7500	0,413	0,157	0,354	0,117	0,080	1,606	0,839	E20	4	0,630	☹
MC025.25.4E4P318-	1,0000	0,551	0,197	0,472	0,174	0,125	1,953	1,008	E25	4	0,787	☹

ConeFit

Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30TF: MC025.12.7E4P152-WJ30TF

D1

WALTER SELECT

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

●● Primary application ● Other application

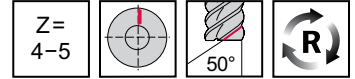
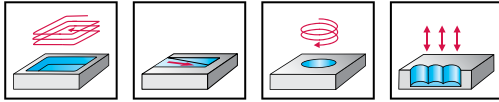
Solid carbide high-feed milling cutter

H2EC94717

Protostar® Flash



- Type Flash N 50



	P	M	K	N	S	H	O
TAA		●●			●		

Tool	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	SW mm	d ₁	Z
	H2EC94717-E10-10	10	0,7	1,7	5	1,998	1,5	6	23,6	12,4	8	E10	4
	H2EC94717-E12-12	12	0,8	2,25	6	2,103	1,5	7,5	28,3	14,5	10	E12	4
	H2EC94717-E16-16	16	1	3,1	8	2,747	2	10	35,7	18,7	12	E16	4
	H2EC94717-E20-20	20	1,3	4	10	3,072	2	12	40,8	21,3	16	E20	4
	H2EC94717-E25-25	25	1,6	5	12	4,206	3	15	49,6	25,6	20	E25	5

ConeFit

Shoulder milling a_e ≤ 0.5 x D_c

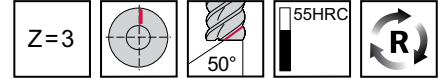
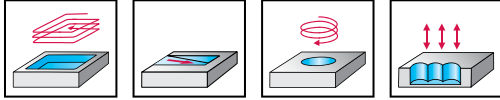
Solid carbide high-feed milling cutter

H3E93718

Protostar® Flash



- Type Flash N 50



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool	Designation	D _c h9 mm	a _{pf} 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
	H3E93718-E10-10	10	0,75,5	1,7	5	1,998	1,5	23,6	12,4	8	E10	3	
	H3E93718-E12-12	12	0,86,5	2,25	6	2,103	1,5	28,3	14,5	10	E12	3	
	H3E93718-E16-16	16	18,5	3,1	8	2,747	2	35,7	18,7	12	E16	3	

ConeFit

Shoulder milling a_e ≤ 0.5 x D_c

D1

**WALTER
SELECT**

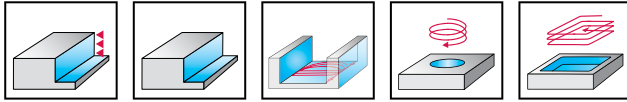
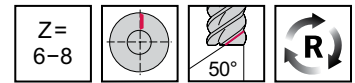
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Solid carbide shoulder milling cutters

MD128



- Type N 50



	P	M	K	N	S	H	O
WJ30RA		●●			●●		
WJ30RD	●●		●				

Tool		D_c h10 mm	l_{11} mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30RA	WJ30RD
	Designation											
	MD128-10.0E6X-	10	0,1	15	9,7	33,1	21,9	E10	8	6	☺	☺
	MD128-12.0E6X-	12	0,1	18	11,7	39,8	26	E12	10	6	☺	☺
	MD128-16.0E6X-	16	0,15	24	15,5	51,2	34,2	E16	12	6	☺	☺
	MD128-20.0E8X-	20	0,15	30	19,3	59,8	40,3	E20	16	8	☺	☺
	MD128-25.0E8X-	25	0,15	37,5	24,2	73,6	49,8	E25	20	8	☺	☺

ConeFit

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

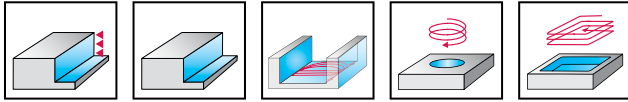
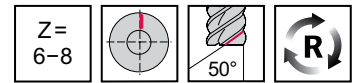
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MD128 mm



- Type N 50



	P	M	K	N	S	H	O
WJ30RA		●●			●●		
WJ30RD	●●		●				

Tool	Designation	D _c h9 mm	R mm	L _c mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁	SW mm	Z	ConeFit	
											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	☺	☺

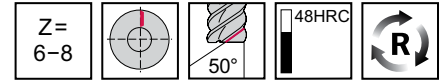
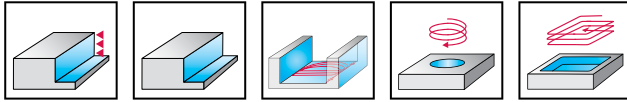
Shoulder milling $a_e \leq 0,05 \times D_c$ for ISO-P | Shoulder milling $a_e \leq 0,03 \times D_c$ for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD128-10.0E6X050-WJ30RA

Solid carbide shoulder milling cutters

MC128



- Type N 50



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool		D _c h10 mm	h ₁₁ mm	L _c mm	d ₂ mm	h ₁ mm	l ₄ mm	d ₁	SW mm	Z	WJ30TF
	Designation										
	MC128-10.0E6P-	10	0,1	5,5	9,7	23,6	12,4	E10	8	6	☺
	MC128-12.0E6P-	12	0,1	6,5	11,7	28,3	14,5	E12	10	6	☺
	MC128-16.0E6P-	16	0,15	8,5	15,5	35,7	18,7	E16	12	6	☺
	MC128-20.0E8P-	20	0,15	11	19,3	40,8	21,3	E20	16	8	☺
	MC128-25.0E8P-	25	0,15	13,5	24,2	49,6	25,6	E25	20	8	☺

ConeFit

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WJ30TF: MC128-10.0E6P-WJ30TF

D1

**WALTER
SELECT**

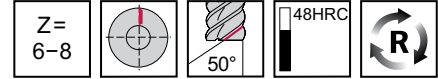
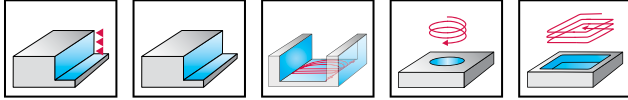
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MC128



- Type N 50



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	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
<p>ConeFit</p>	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

Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ / ★

●● Primary application ● Other application

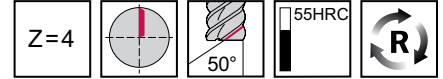
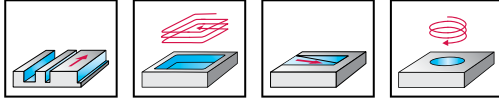
Solid carbide shoulder/slot milling cutters

H4E34217

Proto-max™_{ST}



- Long reach



	P	M	K	N	S	H	O
TAZ	●●		●				

Tool		D _c h9 mm	l ₁₁ mm	L _c mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁	SW mm	Z
	Designation									
	H4E34217-E10-10	10	0,1	5,5	9,7	23,6	12,4	E10	8	4
	H4E34217-E12-12	12	0,1	6,5	11,7	28,3	14,5	E12	10	4
	H4E34217-E16-16	16	0,15	8,5	15,5	35,7	18,7	E16	12	4
	H4E34217-E20-20	20	0,15	11	19,3	40,8	21,3	E20	16	4

ConeFit

Slot milling $a_p \leq 0.47 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$

D1

WALTER SELECT ●● Primary application ● Other application

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

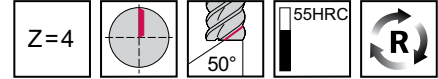
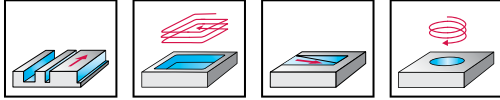
Solid carbide shoulder/slot milling cutters

H4E38217

Proto-max™_{ST}



- Long reach



	P	M	K	N	S	H	O
TAZ	●●		●				

Tool	Designation	D _c h9 mm	R mm	L _c mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁	SW mm	Z
<p>ConeFit</p>	H4E38217-E10-10-0.5	10	0,5	5,5	9,7	23,6	12,4	E10	8	4
	H4E38217-E10-10-1	10	1	5,5	9,7	23,6	12,4	E10	8	4
	H4E38217-E10-10-2	10	2	5,5	9,7	23,6	12,4	E10	8	4
	H4E38217-E12-12-0.5	12	0,5	6,5	11,7	28,3	14,5	E12	10	4
	H4E38217-E12-12-1	12	1	6,5	11,7	28,3	14,5	E12	10	4
	H4E38217-E12-12-1.5	12	1,5	6,5	11,7	28,3	14,5	E12	10	4
	H4E38217-E12-12-2	12	2	6,5	11,7	28,3	14,5	E12	10	4
	H4E38217-E12-12-3	12	3	6,5	11,7	28,3	14,5	E12	10	4
	H4E38217-E16-16-0.5	16	0,5	8,5	15,5	35,7	18,7	E16	12	4
	H4E38217-E16-16-1	16	1	8,5	15,5	35,7	18,7	E16	12	4
	H4E38217-E16-16-2	16	2	8,5	15,5	35,7	18,7	E16	12	4
	H4E38217-E16-16-3	16	3	8,5	15,5	35,7	18,7	E16	12	4
	H4E38217-E16-16-4	16	4	8,5	15,5	35,7	18,7	E16	12	4
	H4E38217-E20-20-0.5	20	0,5	11	19,3	40,8	21,3	E20	16	4
	H4E38217-E20-20-1	20	1	11	19,3	40,8	21,3	E20	16	4
	H4E38217-E20-20-2	20	2	11	19,3	40,8	21,3	E20	16	4
	H4E38217-E20-20-3	20	3	11	19,3	40,8	21,3	E20	16	4
	H4E38217-E20-20-4	20	4	11	19,3	40,8	21,3	E20	16	4

Slot milling $a_p \leq 0.47 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$

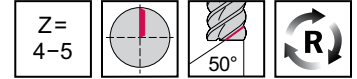
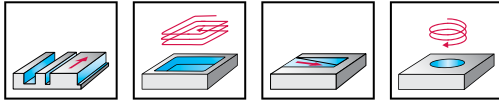
D1

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

Solid carbide shoulder/slot milling cutters

H2EC34217

Proto-max™_{Inox}



	P	M	K	N	S	H	O
TAA		●●			●		

Tool		D _c h10 mm	l ₁₁ mm	L _c mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁	SW mm	Z
	Designation									
	H2EC34217-E10-10	10	0,1	6	9,7	23,6	12,4	E10	8	4
	H2EC34217-E12-12	12	0,1	7,5	11,7	28,3	14,5	E12	10	4
	H2EC34217-E16-16	16	0,15	10	15,5	35,7	18,7	E16	12	4
	H2EC34217-E20-20	20	0,15	12	19,3	40,8	21,3	E20	16	4
	H2EC34217-E25-25	25	0,15	15	24,2	49,6	25,6	E25	20	5

ConeFit

Slot milling $a_p \leq 0.4 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$

D1

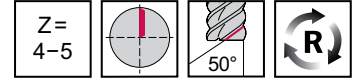
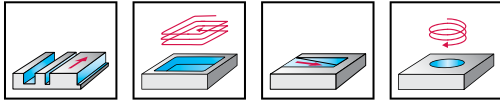
WALTER SELECT ●● Primary application ● Other application

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

Solid carbide shoulder/slot milling cutters

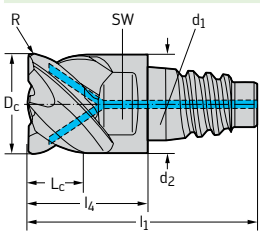
H2EC38217

Proto-max™ In_{ox}



	P	M	K	N	S	H	O
TAA		●●			●		

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
H2EC38217-E10-10-0.5	10	0,5	6	9,7	23,6	12,4	E10	8	4
H2EC38217-E10-10-1	10	1	6	9,7	23,6	12,4	E10	8	4
H2EC38217-E10-10-1.5	10	1,5	6	9,7	23,6	12,4	E10	8	4
H2EC38217-E10-10-2	10	2	6	9,7	23,6	12,4	E10	8	4
H2EC38217-E10-10-3	10	3	6	9,7	23,6	12,4	E10	8	4
H2EC38217-E12-12-0.5	12	0,5	7,5	11,7	28,3	14,5	E12	10	4
H2EC38217-E12-12-1	12	1	7,5	11,7	28,3	14,5	E12	10	4
H2EC38217-E12-12-1.5	12	1,5	7,5	11,7	28,3	14,5	E12	10	4
H2EC38217-E12-12-2	12	2	7,5	11,7	28,3	14,5	E12	10	4
H2EC38217-E12-12-3	12	3	7,5	11,7	28,3	14,5	E12	10	4
H2EC38217-E12-12-4	12	4	7,5	11,7	28,3	14,5	E12	10	4
H2EC38217-E16-16-1	16	1	10	15,5	35,7	18,7	E16	12	4
H2EC38217-E16-16-2	16	2	10	15,5	35,7	18,7	E16	12	4
H2EC38217-E16-16-3	16	3	10	15,5	35,7	18,7	E16	12	4
H2EC38217-E16-16-4	16	4	10	15,5	35,7	18,7	E16	12	4
H2EC38217-E20-20-1	20	1	12	19,3	40,8	21,3	E20	16	4
H2EC38217-E20-20-2	20	2	12	19,3	40,8	21,3	E20	16	4
H2EC38217-E20-20-4	20	4	12	19,3	40,8	21,3	E20	16	4
H2EC38217-E25-25-1	25	1	15	24,2	49,6	25,6	E25	20	5
H2EC38217-E25-25-2	25	2	15	24,2	49,6	25,6	E25	20	5
H2EC38217-E25-25-3	25	3	15	24,2	49,6	25,6	E25	20	5
H2EC38217-E25-25-4	25	4	15	24,2	49,6	25,6	E25	20	5

Slot milling $a_p \leq 0.4 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$

D1

WALTER
SELECT

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

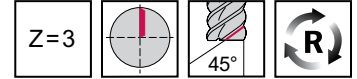
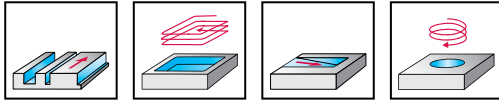
Solid carbide shoulder/slot milling cutters

H6E2211

Protostar®



- Type AI 45



	P	M	K	N	S	H	O
uncoated				●●			

Tool		D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_2 mm	d_1	SW mm	Z
	Designation									
	H6E2211-E10-10	10	0,1	5,5	23,6	12,4	9,7	E10	8	3
	H6E2211-E12-12	12	0,1	6,5	28,3	14,5	11,7	E12	10	3
	H6E2211-E16-16	16	0,15	8,5	35,7	18,7	15,5	E16	12	3
	H6E2211-E20-20	20	0,15	11	40,8	21,3	19,3	E20	16	3
	H6E2211-E25-25	25	0,15	13,5	49,6	25,6	24,2	E25	20	3

ConeFit

Slot milling $a_p \leq 0.5 \times D_c$ | 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

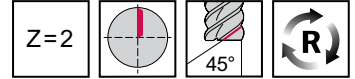
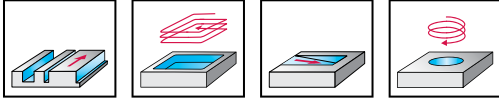
Solid carbide shoulder/slot milling cutters

H6E2511

Protostar®



- Type AI 45



	P	M	K	N	S	H	O
uncoated				●●			

Tool		D_c h10 mm	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_2 mm	d_1	SW mm	Z
	Designation									
	H6E2511-E10-10	10	0,1	5,5	23,6	12,4	9,7	E10	8	2
	H6E2511-E12-12	12	0,1	6,5	28,3	14,5	11,7	E12	10	2
	H6E2511-E16-16	16	0,15	8,5	35,7	18,7	15,5	E16	12	2



ConeFit

Slot milling $a_p \leq 0.5 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$

D1

WALTER
SELECT

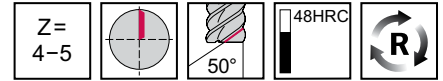
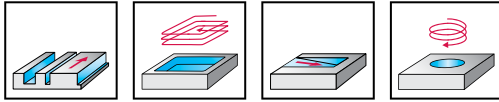
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Solid carbide shoulder/slot milling cutters

MC326



- Type N 50



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool		D _c h10 mm	h ₁₁ mm	L _c mm	d ₂ mm	h ₁ mm	l ₄ mm	d ₁	SW mm	Z	WJ30TF
	Designation										
	MC326-10.0E4P-	10	0,1	5,5	9,7	23,6	12,4	E10	8	4	☺
	MC326-12.0E4P-	12	0,1	6,5	11,7	28,3	14,5	E12	10	4	☺
	MC326-16.0E4P-	16	0,15	8,5	15,5	35,7	18,7	E16	12	4	☺
	MC326-20.0E4P-	20	0,15	11	19,3	40,8	21,3	E20	16	4	☺
	MC326-25.0E5P-	25	0,15	13,5	24,2	49,6	25,6	E25	20	5	☺

ConeFit

Slot milling $a_p \leq 0.4 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30TF: MC326-10.0E4P-WJ30TF

D1

WALTER SELECT ●● Primary application ● Other application

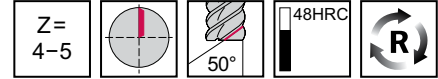
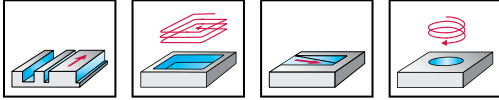
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC326 inch

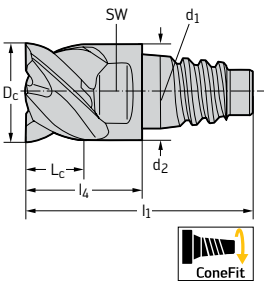


- Type N 50



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool



Designation	D _c h9	D _c h9 inch	l ₁ inch	L _c inch	d ₂ inch	l ₁ inch	l ₄ inch	d ₁	SW inch	Z	WJ30TF
MC326.9.53E4P-	3/8"	0,3750	0,004	0,209	0,364	0,929	0,488	E10	0,315	4	☺
MC326.12.7E4P-	1/2"	0,5000	0,006	0,276	0,484	1,114	0,575	E12	0,394	4	☺
MC326.15.9E4P-	5/8"	0,6250	0,006	0,335	0,61	1,406	0,736	E16	0,472	4	☺
MC326.19.1E4P-	3/4"	0,7500	0,006	0,413	0,728	1,606	0,839	E20	0,630	4	☺
MC326.25.4E5P-	1"	1,0000	0,006	0,551	0,965	1,953	1,008	E25	0,787	5	☺

ConeFit

Slot milling $a_p \leq 0.4 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30TF: MC326.12.7E4P-WJ30TF

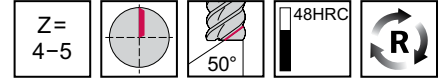
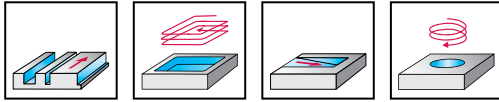
D1

Solid carbide shoulder/slot milling cutters

MC326 mm



- Type N 50



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	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
<p>ConeFit</p>	MC326-10.0E4P050-	10	0,5	5,5	9,7	23,6	12,4	E10	8	4	☺
	MC326-10.0E4P100-	10	1	5,5	9,7	23,6	12,4	E10	8	4	☺
	MC326-10.0E4P150-	10	1,5	5,5	9,7	23,6	12,4	E10	8	4	☺
	MC326-10.0E4P200-	10	2	5,5	9,7	23,6	12,4	E10	8	4	☺
	MC326-10.0E4P300-	10	3	5,5	9,7	23,6	12,4	E10	8	4	☺
	MC326-12.0E4P050-	12	0,5	6,5	11,7	28,3	14,5	E12	10	4	☺
	MC326-12.0E4P100-	12	1	6,5	11,7	28,3	14,5	E12	10	4	☺
	MC326-12.0E4P150-	12	1,5	6,5	11,7	28,3	14,5	E12	10	4	☺
	MC326-12.0E4P200-	12	2	6,5	11,7	28,3	14,5	E12	10	4	☺
	MC326-12.0E4P300-	12	3	6,5	11,7	28,3	14,5	E12	10	4	☺
	MC326-12.0E4P400-	12	4	6,5	11,7	28,3	14,5	E12	10	4	☺
	MC326-16.0E4P050-	16	0,5	8,5	15,5	35,7	18,7	E16	12	4	☺
	MC326-16.0E4P100-	16	1	8,5	15,5	35,7	18,7	E16	12	4	☺
	MC326-16.0E4P150-	16	1,5	8,5	15,5	35,7	18,7	E16	12	4	☺
	MC326-16.0E4P200-	16	2	8,5	15,5	35,7	18,7	E16	12	4	☺
	MC326-16.0E4P300-	16	3	8,5	15,5	35,7	18,7	E16	12	4	☺
	MC326-16.0E4P400-	16	4	8,5	15,5	35,7	18,7	E16	12	4	☺
	MC326-20.0E4P050-	20	0,5	11	19,3	40,8	21,3	E20	16	4	☺
	MC326-20.0E4P100-	20	1	11	19,3	40,8	21,3	E20	16	4	☺
	MC326-20.0E4P150-	20	1,5	11	19,3	40,8	21,3	E20	16	4	☺
	MC326-20.0E4P200-	20	2	11	19,3	40,8	21,3	E20	16	4	☺
	MC326-20.0E4P300-	20	3	11	19,3	40,8	21,3	E20	16	4	☺
	MC326-20.0E4P400-	20	4	11	19,3	40,8	21,3	E20	16	4	☺
	MC326-25.0E5P100-	25	1	13,5	24,2	49,6	25,6	E25	20	5	☺
	MC326-25.0E5P150-	25	1,5	13,5	24,2	49,6	25,6	E25	20	5	☺
MC326-25.0E5P200-	25	2	13,5	24,2	49,6	25,6	E25	20	5	☺	
MC326-25.0E5P300-	25	3	13,5	24,2	49,6	25,6	E25	20	5	☺	
MC326-25.0E5P400-	25	4	13,5	24,2	49,6	25,6	E25	20	5	☺	

Slot milling $a_p \leq 0.4 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30TF: MC326-10.0E4P050-WJ30TF

WALTER SELECT ●● Primary application ● Other application

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

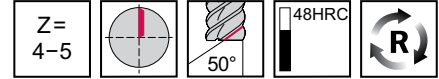
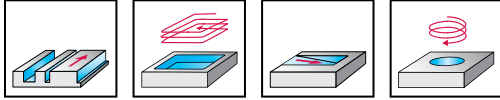
D1

Solid carbide shoulder/slot milling cutters

MC326 inch

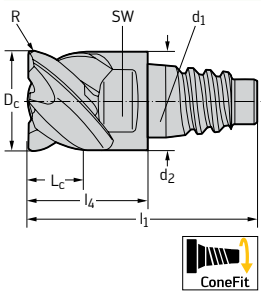


- Type N 50



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●	●	●

Tool



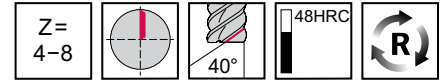
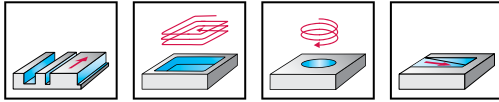
ConeFit

Designation	D _c h9 inch	D _c h9 inch	R inch	L _c inch	d ₂ inch	l ₁ inch	l ₄ inch	d ₁	SW inch	Z	WJ30TF
MC326.9.53E4P038-	3/8"	0,3750	0,015	0,209	0,364	0,929	0,488	E10	0,315	4	☺
MC326.9.53E4P076-	3/8"	0,3750	0,030	0,209	0,364	0,929	0,488	E10	0,315	4	☺
MC326.12.7E4P038-	1/2"	0,5000	0,015	0,276	0,484	1,114	0,575	E12	0,394	4	☺
MC326.12.7E4P076-	1/2"	0,5000	0,030	0,276	0,484	1,114	0,575	E12	0,394	4	☺
MC326.12.7E4P152-	1/2"	0,5000	0,060	0,276	0,484	1,114	0,575	E12	0,394	4	☺
MC326.15.9E4P152-	5/8"	0,6250	0,060	0,335	0,61	1,406	0,736	E16	0,472	4	☺
MC326.19.1E4P152-	3/4"	0,7500	0,060	0,413	0,728	1,606	0,839	E20	0,630	4	☺
MC326.19.1E4P318-	3/4"	0,7500	0,125	0,413	0,728	1,606	0,839	E20	0,630	4	☺
MC326.25.4E5P152-	1"	1,0000	0,060	0,551	0,965	1,953	1,008	E25	0,787	5	☺
MC326.25.4E5P318-	1"	1,0000	0,125	0,551	0,965	1,953	1,008	E25	0,787	5	☺

Slot milling $a_p \leq 0.4 \times D_c$ | Shoulder milling $a_e \leq 0.5 \times D_c$ | Ordering example for the grade WJ30TF: MC326.12.7E4P038-WJ30TF

Solid carbide shoulder/slot milling cutter

MC320



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool		D _c h12 mm	L _c mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁	SW mm	Z	WJ30TF
	Designation									
	MC320-10.0E4P-	10	5,5	9,7	23,6	12,4	E10	8	4	☺
	MC320-10.0E5P-	10	5,5	9,7	23,6	12,4	E10	8	5	☺
	MC320-12.0E4P-	12	6,5	11,7	28,3	14,5	E12	10	4	☺
	MC320-12.0E5P-	12	6,5	11,7	28,3	14,5	E12	10	5	☺
	MC320-16.0E6P-	16	8,5	15,5	35,7	18,7	E16	12	6	☺
	MC320-20.0E6P-	20	11	19,3	40,8	21,3	E20	16	6	☺
MC320-25.0E8P-	25	13,5	24,2	49,6	25,6	E25	20	8	☺	

ConeFit

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 WJ30TF: MC320-10.0E4P-WJ30TF

D1

WALTER
SELECT

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

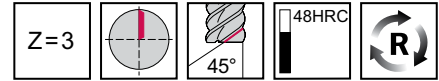
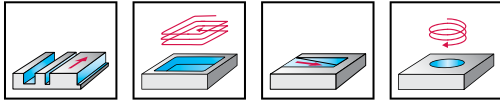
Solid carbide shoulder/slot milling cutters

H3E29148

Protostar®



- Type 45



	P	M	K	N	S	H	O
TAX	●●		●				

Tool		D _c h10 mm	l ₁₁ mm	L _c mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁	SW mm	Z
	Designation									
	H3E29148-E10-10	10	0,1	5,5	9,7	23,6	12,4	E10	8	3
	H3E29148-E12-12	12	0,1	6,5	11,7	28,3	14,5	E12	10	3
	H3E29148-E16-16	16	0,15	8,5	15,5	35,7	18,7	E16	12	3
	H3E29148-E20-20	20	0,15	11	19,3	40,8	21,3	E20	16	3
	H3E29148-E25-25	25	0,15	13,5	24,2	49,6	25,6	E25	20	3

ConeFit

Slot milling $a_p \leq 0,5 \times D_c$ | Shoulder milling $a_e \leq 0,6 \times D_c$

D1

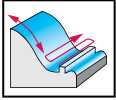
Solid carbide ball-nose copy milling cutters

H8E11118

Protostar®



- Type N 40



Z=4

40°

48HRC

	P	M	K	N	S	H	O
TAX	●●	●●	●	●			

Tool	Designation	R mm	D _c h9 mm	L _c mm	l ₄ mm	d ₂ mm	d ₁	l ₁ mm	Z	SW mm
<p style="font-size: small;">ConeFit</p>	H8E11118-E10-10	5	10	5,5	12,4	9,7	E10	23,6	4	8
	H8E11118-E12-12	6	12	6,5	14,5	11,7	E12	28,3	4	10
	H8E11118-E16-16	8	16	8,5	18,7	15,5	E16	35,7	4	12
	H8E11118-E20-20	10	20	11	21,3	19,3	E20	40,8	4	16
	H8E11118-E25-25	12,5	25	13,5	25,6	24,2	E25	49,6	4	20

ConeFit

D1

WALTER SELECT

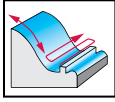
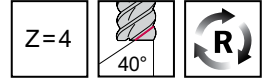
●● Primary application ● Other application

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

Solid carbide ball-nose copy milling cutters

AH8E11118 inch

Protostar®



	P	M	K	N	S	H	O
TAX	●●	●●	●	●			

Tool		R	D _c h9	L _c	l ₄	d ₂	d ₁	l ₁	Z	SW
Designation		inch	inch	inch	inch	inch		inch		inch
	AH8E11118-E10-3/8	0,187	0,3750	0,209	0,488	0,364	E10	0,929	4	0,315
	AH8E11118-E12-1/2	0,250	0,5000	0,276	0,575	0,484	E12	1,114	4	0,394
	AH8E11118-E16-5/8	0,312	0,6250	0,335	0,736	0,61	E16	1,406	4	0,472
	AH8E11118-E20-3/4	0,375	0,7500	0,413	0,839	0,728	E20	1,606	4	0,630
	AH8E11118-E25-1	0,500	1,0000	0,551	1,008	0,965	E25	1,953	4	0,787

ConeFit



D1

WALTER SELECT ●● Primary application ● Other application

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

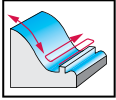
Solid carbide ball-nose copy milling cutters

H8E01118

Protostar®



- Type N 40



Z=2

40°

48HRC

R

	P	M	K	N	S	H	O
TAX	●●	●●	●	●	●	●	●

Tool		R	D _c	L _c	l ₄	d ₂	d ₁	l ₁	Z	SW
Designation		mm	h9 mm	mm	mm	mm	mm	mm		mm
	H8E01118-E10-10	5	10	5,5	12,4	9,7	E10	23,6	2	8
	H8E01118-E12-12	6	12	6,5	14,5	11,7	E12	28,3	2	10
	H8E01118-E16-16	8	16	8,5	18,7	15,5	E16	35,7	2	12
	H8E01118-E20-20	10	20	11	21,3	19,3	E20	40,8	2	16



ConeFit

D1

WALTER SELECT

●● Primary application ● Other application

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

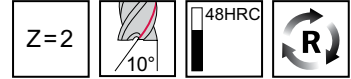
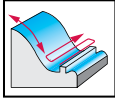
Solid carbide ball-nose copy milling cutters

H1E01118

Protostar®



- Type N 10



	P	M	K	N	S	H	O
TAX	●●	●●	●	●			

Tool		R	D _c	L _c	l ₄	d ₂	d ₁	l ₁	Z	SW
Designation		mm	h9 mm	mm	mm	mm	mm	mm		mm
	H1E01118-E10-10	5	10	8	11,8	9,7	E10	23	2	6
	H1E01118-E12-12	6	12	10	14	11,7	E12	27,8	2	8
	H1E01118-E16-16	8	16	13	18,1	15,5	E16	35,1	2	10



ConeFit

D1

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

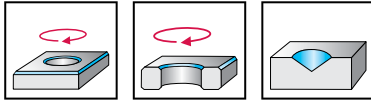
60° solid carbide chamfer mill

H1E58518

Protostar®



- 60° type chamfer milling cutters



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool		D _c mm	D _a mm	L _c mm	d ₂ mm	l ₁ mm	l ₄ mm	SW mm	d ₁ mm	Z
	Designation									
	H1E58518-E10-10	1,5	10	7,23	9,7	23	12	6	9,7	2
	H1E58518-E12-12	1,5	12	7,73	11,7	28	14	8	11,7	2

ConeFit

Shoulder milling $a_e \leq 0.5 \times D_a$

D1

WALTER SELECT ●● Primary application ● Other application

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

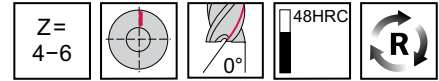
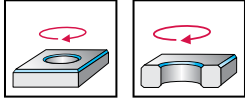
60° solid carbide chamfer mill

H3E58518

Protostar®



- 60° type chamfer milling cutters



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool		D _c mm	D _a mm	L _c mm	d ₂ mm	l ₁ mm	l ₄ mm	SW mm	d ₁ mm	Z
	Designation									
	H3E58518-E10-10	3,5	10	5,6	9,7	24	12	8	9,7	4
	H3E58518-E12-12	4,5	12	6,5	11,7	28	15	10	11,7	6

ConeFit

Shoulder milling $a_e \leq 0.3 \times D_a$

D1

WALTER SELECT

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

●● Primary application ● Other application

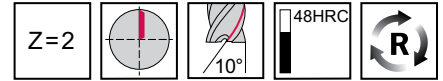
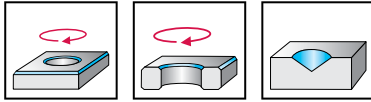
90° solid carbide chamfer mill

H1E58318

Protostar®



- 90° type chamfer milling cutters



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool		D _c mm	D _a mm	L _c mm	d ₂ mm	l ₁ mm	l ₄ mm	SW mm	d ₁ mm	Z
	Designation									
	H1E58318-E10-10	1,5	10	4,23	9,7	23	12	6	9,7	2
	H1E58318-E12-12	1,5	12	5,23	11,7	28	14	8	11,7	2
	H1E58318-E16-16	1,5	16	7,23	15,5	35	18	10	15,5	2

ConeFit

Shoulder milling $a_e \leq 0.5 \times D_a$

D1

WALTER SELECT ●● Primary application ● Other application

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

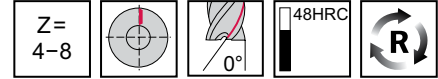
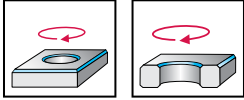
90° solid carbide chamfer mill

H3E58318

Protostar®

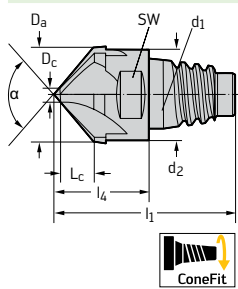


- 90° type chamfer milling cutters



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool



Designation	D _c mm	D _a mm	L _c mm	d ₂ mm	l ₁ mm	l ₄ mm	SW mm	d ₁ mm	Z
H3E58318-E10-10	1,5	10	4,25	9,7	24	12	8	9,7	4
H3E58318-E12-12	3	12	4,5	11,7	28	13	10	11,7	6
H3E58318-E16-16	3	16	6,5	15,5	36	17	12	15,5	8

ConeFit

Shoulder milling $a_e \leq 0.3 \times D_a$

D1

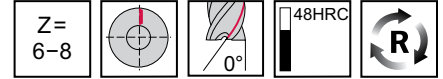
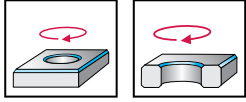
WALTER
SELECT

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

Solid carbide chamfer milling cutter 90°

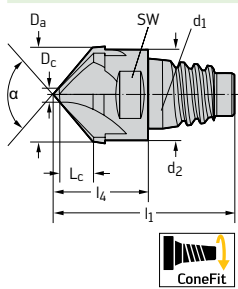
AH3E58318 inch

Protostar®



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool



Designation	D _c inch	D _a inch	L _c inch	d ₂ inch	l ₁ inch	l ₄ inch	SW inch	d ₁ inch	Z
AH3E58318-E12-1/2	0,1181	0,500	0,191	0,484	1,114	0,512	0,394	0,484	6
AH3E58318-E16-5/8	0,2559	0,625	0,256	0,61	1,406	0,677	0,472	0,61	8

ConeFit

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

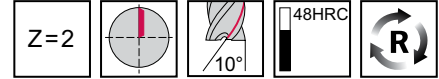
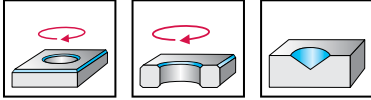
120° solid carbide chamfer mill

H1E58118

Protostar®

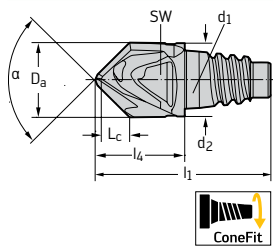


- 120° type chamfer milling cutters



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool



Designation

H1E58118-E10-10

H1E58118-E12-12

Designation	D _c mm	D _a mm	L _c mm	d ₂ mm	l ₁ mm	l ₄ mm	SW mm	d ₁ mm	Z
H1E58118-E10-10	1,5	10	2,43	9,7	23	12	6	9,7	2
H1E58118-E12-12	1,5	12	3,03	11,7	28	14	8	11,7	2

ConeFit

Shoulder milling $a_e \leq 0.5 \times D_a$

D1

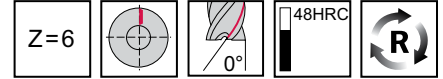
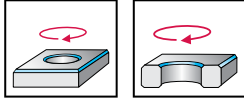
120° solid carbide chamfer mill

H3E58118

Protostar®



- 120° type chamfer milling cutters



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool		D _c mm	D _a mm	L _c mm	d ₂ mm	l ₁ mm	l ₄ mm	SW mm	d ₁ mm	Z
<p>ConeFit</p>	Designation H3E58118-E12-12	3	12	2,6	11,7	28	14	10	11,7	6

ConeFit

Shoulder milling $a_e \leq 0.3 \times D_a$

D1

WALTER SELECT ●● Primary application ● Other application

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

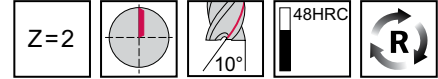
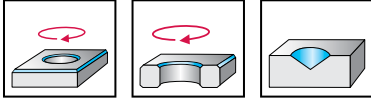
150° solid carbide chamfer mill

H1E58018

Protostar®



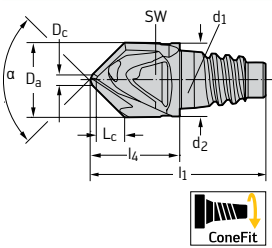
- Type chamfer milling cutter 150°



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool

Designation	D _c mm	D _a mm	L _c mm	d ₂ mm	l ₁ mm	l ₄ mm	SW mm	d ₁ mm	Z
H1E58018-E12-12	1,5	12	1,6	11,7	28	14	8	11,7	2



ConeFit

Shoulder milling $a_e \leq 0.5 \times D_a$

D1

WALTER SELECT

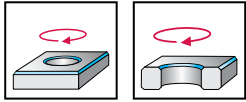
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

●● Primary application ● Other application

Solid carbide quarter-round profile mill

H3E68118

Protostar®



Z=4

	P	M	K	N	S	H	O
TAX	●●	●	●	●	●	●	●

Tool		R	D _c	D _a	L _c	d ₂	l ₁	l ₄	SW	d ₁	Z
Designation		mm	mm	mm	mm	mm	mm	mm	mm	mm	
	H3E68118-E10-10-1	1	5	10	1	9,7	23,6	12,4	8	E10	4
	H3E68118-E10-10-2	2	5	10	2	9,7	23,6	12,4	8	E10	4
	H3E68118-E10-10-3	3	4	10	3	9,7	23,6	12,4	8	E10	4
	H3E68118-E12-12-3	3	5	12	3	11,7	28,3	14,5	10	E12	4
	H3E68118-E16-16-4	4	6	16	4	15,5	35,7	18,7	12	E16	4
	H3E68118-E16-16-5	5	6	16	5	15,5	35,7	18,7	12	E16	4
	H3E68118-E20-20-6	6	8	20	6	19,3	40,8	21,3	16	E20	4

ConeFit

D1

WALTER SELECT

●● Primary application ● Other application

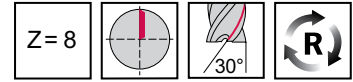
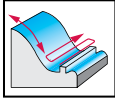
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

Solid carbide circle segment milling cutters

MD838 mm



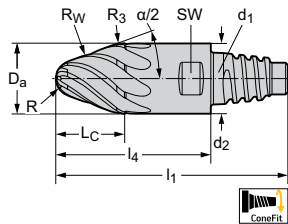
- Conical



	P	M	K	N	S	H	O
WJ30RA		●●		●	●●		
WJ30RD	●●		●				

Tool

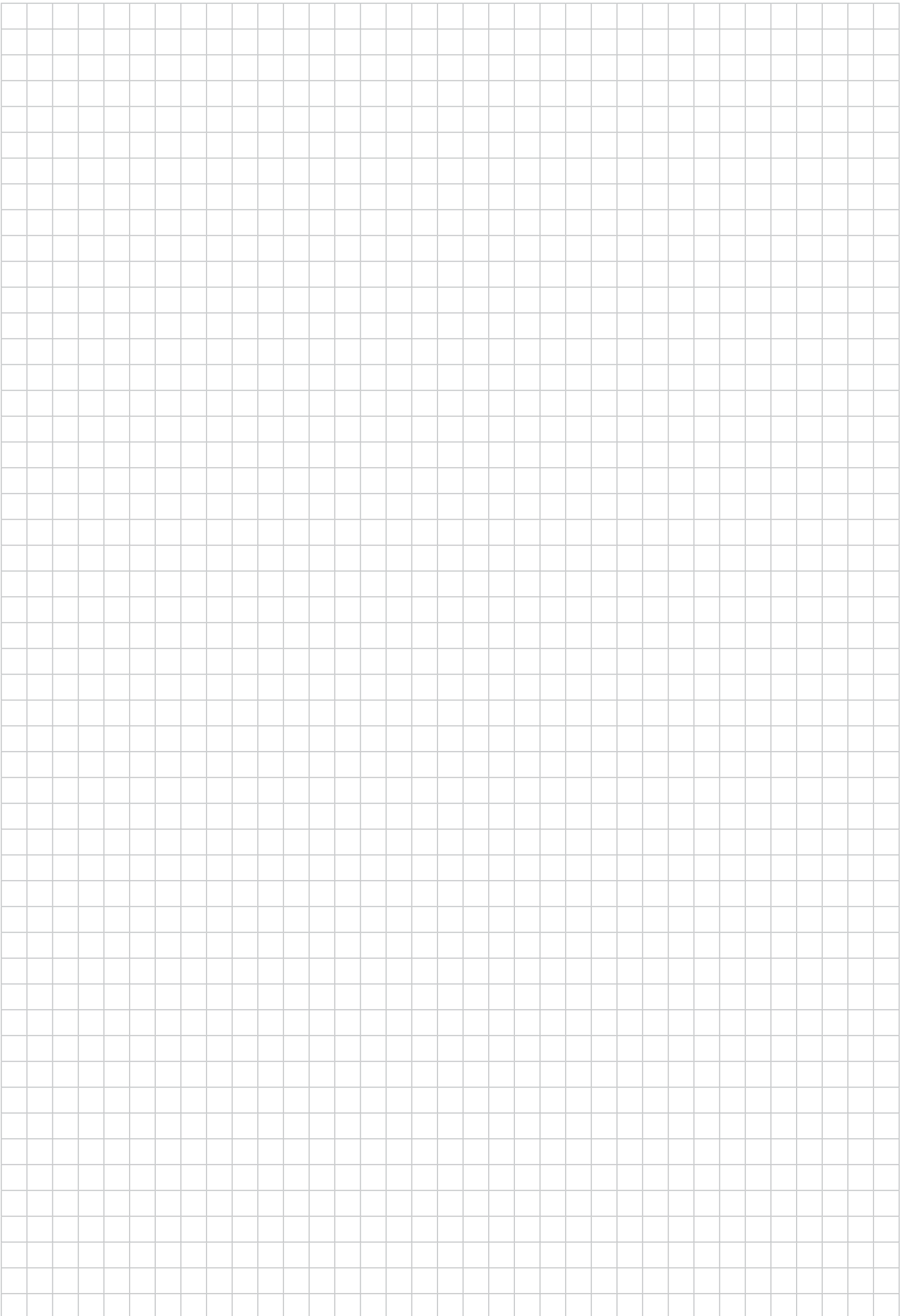
Designation	$\alpha/2$	D_a mm	R_w mm	R_3 mm	R mm	L_c mm	l_4 mm	d_1	l_1 mm	Z	SW mm	WJ30RA		WJ30RD	
												☺	☹	☺	☹
MD838-16E8P201000-	20°	16	1.000	5	2	18,99	34,2	E16	51,2	8	12	☺	☹		
MD838-16E8P301000-	20°	16	1.000	5	3	17,07	34,2	E16	51,2	8	12	☺	☹		
MD838-16E8P401000-	20°	16	1.000	5	4	15,17	34,2	E16	51,2	8	12	☺	☹		



ConeFit

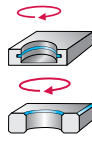
Ordering example for the grade WJ30RA: MD838-16E8P201000-WJ30RA

D1



D1

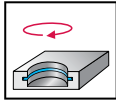
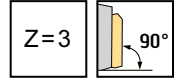
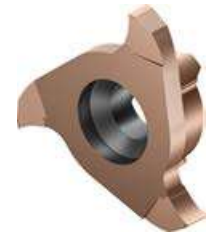
Solid carbide milling tools with modular interface


NEW
NEW
NEW
NEW


Designation	MG545	MG520	MG515	MG510
Diameter range	9,7–21,7	6,7–27,7	11,7–36,7	6,7–39,7
Number of teeth	3–6	3–6	6	3–6
Corner radius				
Diameter range	—	—	—	0,382–0,854
Number of teeth				3–6
Corner radius				
Standard				
Coating / grade	WMP35X	WMP35X	WMP35X	WMP35X
Shank	Modular interface	Modular interface	Modular interface	Modular interface
P Steel	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●
N NF metals	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●
H Hard materials	●●	●●	●●	●●
O Other				
Page in catalogue	D 268	D 266	D 265	D 261
QR code				
www.walter-tools.com/woc/	MG545	MG520	MG515	MG510

Solid carbide circular milling cutters for slot milling

MG510 mm



	P	M	K	N	S	H	O
WMP35X	●●	●●	●●	●	●	●●	●

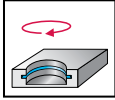
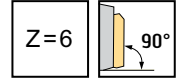
Tool	Designation	D _c mm	SB mm	r mm	T _{max} mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WMP35X
	★ MG510-06.7F053050	6,7	0,5		0,6	3,75	3,25	4,8	3	☹
	★ MG510-06.7F053100	6,7	1		0,6	3,85	3,35	4,8	3	☹
	★ MG510-09.7F063100	9,7	1	0,1	1,5	3,93	3,35	6	3	☹
	★ MG510-09.7F063150	9,7	1,5	0,2	1,5	4,08	3,5	6	3	☹
	★ MG510-09.7F063200	9,7	2	0,2	1,5	4,08	3,5	6	3	☹
	★ MG510-09.7F063250	9,7	2,5	0,2	1,5	4,08	3,5	6	3	☹
	★ MG510-10.7F053050	10,7	0,5		2,6	3,75	3,25	4,8	3	☹
	★ MG510-11.7F063300	11,7	3	0,2	2,5	4,08	3,5	6	3	☹
	★ MG510-13.7F083100	13,7	1	0,1	2,5	5,35	4,5	8	3	☹
	★ MG510-13.7F083150	13,7	1,5	0,2	2,5	5,35	4,5	8	3	☹
	★ MG510-13.7F083200	13,7	2	0,2	2,5	5,35	4,5	8	3	☹
	★ MG510-13.7F083250	13,7	2,5	0,2	2,5	5,35	4,5	8	3	☹
	★ MG510-17.7F093150	17,7	1,5	0,2	3,5	6,65	5,75	9	3	☹
	★ MG510-17.7F093200	17,7	2	0,2	3,5	6,65	5,75	9	3	☹
	★ MG510-17.7F093250	17,7	2,5	0,2	3,5	6,65	5,75	9	3	☹
	★ MG510-17.7F093300	17,7	3	0,2	3,5	6,65	5,75	9	3	☹
	★ MG510-17.7F093400	17,7	4	0,2	3,5	6,6	5,7	9	3	☹
	★ MG510-21.7F123100	21,7	1	0,1	4,5	6,6	5,7	12	3	☹
	★ MG510-21.7F123150	21,7	1,5	0,2	4,5	6,6	5,7	12	3	☹
	★ MG510-21.7F123200	21,7	2	0,2	4,5	6,6	5,7	12	3	☹
	★ MG510-21.7F123250	21,7	2,5	0,2	4,5	6,6	5,7	12	3	☹
	★ MG510-21.7F123300	21,7	3	0,2	4,5	6,6	5,7	12	3	☹
	★ MG510-21.7F123350	21,7	3,5	0,2	4,5	6,6	5,7	12	3	☹
	★ MG510-21.7F123400	21,7	4	0,2	4,5	6,6	5,7	12	3	☹
	★ MG510-21.7F123500	21,7	5	0,2	4,5	6,6	5,7	12	3	☹
	★ MG510-27.7F143150	27,7	1,5	0,2	6,5	7,35	6,5	14,3	3	☹
	★ MG510-27.7F143200	27,7	2	0,2	6,5	7,35	6,5	14,3	3	☹
	★ MG510-27.7F143250	27,7	2,5	0,2	6,5	7,35	6,5	14,3	3	☹
	★ MG510-27.7F143300	27,7	3	0,2	6,5	7,35	6,6	14,3	3	☹
	★ MG510-27.7F143350	27,7	3,5	0,2	6,5	7,35	6,6	14,3	3	☹
	★ MG510-27.7F143400	27,7	4	0,2	6,5	7,35	6,6	14,3	3	☹
	★ MG510-27.7F143500	27,7	5	0,2	6,5	7,45	6,6	14,3	3	☹
	★ MG510-27.7F143600	27,7	6	0,2	6,5	7,45	6,6	14,3	3	☹

Ordering example for the grade WMP35X: MG510-06.7F053050 WMP35X

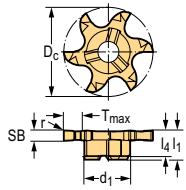
WALTER SELECT ●● Primary application ● Other application

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

Solid carbide circular milling cutters for slot milling

 MG510 mm


	P	M	K	N	S	H	O
WMP35X	●●	●●	●●	●	●	●●	●

Tool


Modular interface

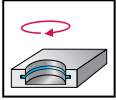
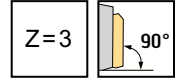
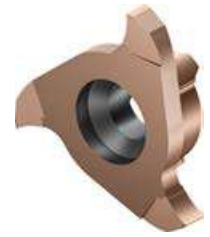
Designation	D _c mm	SB mm	r mm	T _{max} mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WMP35X
★ MG510-11.7F066150	11,7	1,5	0,2	2	4,08	3,5	6	6	☹
★ MG510-11.7F066200	11,7	2	0,2	2	4,08	3,5	6	6	☹
★ MG510-15.7F086150	15,7	1,5	0,2	3,5	5,35	4,5	8	6	☹
★ MG510-15.7F086200	15,7	2	0,2	3,5	5,35	4,5	8	6	☹
★ MG510-15.7F086250	15,7	2,5	0,2	3,5	5,35	4,5	8	6	☹
★ MG510-17.7F096150	17,7	1,5	0,1	4	6,6	5,75	9	6	☹
★ MG510-17.7F096200	17,7	2	0,2	4	6,6	5,75	9	6	☹
★ MG510-17.7F096250	17,7	2,5	0,2	4	6,6	5,75	9	6	☹
★ MG510-17.7F096300	17,7	3	0,2	4	6,6	5,75	9	6	☹
★ MG510-21.7F126100	21,7	1	0,1	4,5	6,7	5,85	12	6	☹
★ MG510-21.7F126150	21,7	1,5	0,1	4,5	7,1	6,25	12	6	☹
★ MG510-21.7F126200	21,7	2	0,2	4,5	7,1	6,25	12	6	☹
★ MG510-21.7F126250	21,7	2,5	0,2	4,5	7,1	6,25	12	6	☹
★ MG510-21.7F126300	21,7	3	0,2	4,5	7,1	6,25	12	6	☹
★ MG510-21.7F126400	21,7	4	0,2	4,5	7,1	6,25	12	6	☹
★ MG510-27.7F146600	27,7	6	0,2	6,5	7,3	6,4	14,3	6	☹
★ MG510-27.7F146500	27,7	5	0,2	6,5	7,3	6,4	14,3	6	☹
★ MG510-34.7F146150	34,7	1,5	0,1	10	7,1	6,25	14,3	6	☹
★ MG510-34.7F146200	34,7	2	0,2	10	7,1	6,25	14,3	6	☹
★ MG510-34.7F146250	34,7	2,5	0,2	10	7,1	6,25	14,3	6	☹
★ MG510-34.7F146300	34,7	3	0,2	10	7,1	6,25	14,3	6	☹
★ MG510-36.7F126050	36,7	0,5		12	6,85	6	12	6	☹
★ MG510-39.7F126100	39,7	1		13,5	6,75	5,85	12	6	☹

Ordering example for the grade WMP35X: MG510-11.7F066150 WMP35X

D1

Solid carbide circular milling cutters for slot milling

MG510 inch



	P	M	K	N	S	H	O
WMP35X	●●	●●	●●	●	●	●●	●

Tool	Designation	D _c inch	SB inch	r inch	T _{max} inch	l ₁ inch	l ₄ inch	d ₁ inch	Z	WMP35X
<p>Modular interface</p>	★ MG510.09.7F063157	0,3819	0,062		0,059	0,16	0,138	0,236	3	☹
	★ MG510.11.7F063239	0,4606	0,094	0,008	0,098	0,16	0,138	0,236	3	☹
	★ MG510.13.7F083116	0,5394	0,046		0,098	0,211	0,177	0,315	3	☹
	★ MG510.13.7F083157	0,5394	0,062	0,008	0,098	0,211	0,177	0,315	3	☹
	★ MG510.13.7F083239	0,5394	0,094	0,008	0,098	0,211	0,177	0,315	3	☹
	★ MG510.15.7F083317	0,6181	0,125	0,008	0,138	0,211	0,177	0,315	3	☹
	★ MG510.17.7F093116	0,6968	0,046		0,138	0,262	0,226	0,354	3	☹
	★ MG510.17.7F093239	0,6968	0,094	0,008	0,138	0,260	0,224	0,354	3	☹
	★ MG510.17.7F093317	0,6968	0,125	0,008	0,138	0,260	0,224	0,354	3	☹
	★ MG510.21.7F123157	0,8543	0,062	0,008	0,177	0,260	0,224	0,472	3	☹
	★ MG510.21.7F123239	0,8543	0,094	0,008	0,177	0,260	0,224	0,472	3	☹
	★ MG510.21.7F123317	0,8543	0,125	0,008	0,177	0,260	0,224	0,472	3	☹
	★ MG510.21.7F123635	0,8543	0,250	0,008	0,177	0,400	0,366	0,472	3	☹

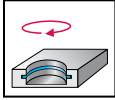
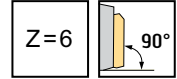
Ordering example for the grade WMP35X: MG510.09.7F063157 WMP35X

D1

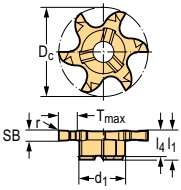
WALTER SELECT

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

Solid carbide circular milling cutters for slot milling

 MG510 inch


	P	M	K	N	S	H	O
WMP35X	●●	●●	●●	●●	●●	●●	●●

Tool


Designation	D _c inch	SB inch	r inch	T _{max} inch	l ₁ inch	l ₄ inch	d ₁ inch	Z	WMP35X
★ MG510.21.7F126116	0,8543	0,046	0,004	0,177	0,270	0,236	0,472	6	☺
★ MG510.21.7F126157	0,8543	0,062	0,004	0,177	0,281	0,248	0,472	6	☺
★ MG510.21.7F126239	0,8543	0,094	0,008	0,177	0,278	0,244	0,472	6	☺
★ MG510.21.7F126317	0,8543	0,125	0,008	0,177	0,250	0,217	0,472	6	☺

Modular interface

Ordering example for the grade WMP35X: MG510.21.7F126116 WMP35X

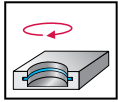
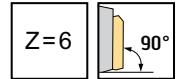
D1

Solid carbide circular milling cutters for slot milling

MG515 mm



– Smooth cut due to cross-toothed cutting edges



	P	M	K	N	S	H	O
WMP35X	●●	●●	●●	●	●	●●	●

Tool	Designation	D _c mm	SB mm	r mm	T _{max} mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WMP35X
<p>Modular interface</p>	★ MG515-11.7F066150	11,7	1,5	0,2	2	4,1	3,5	6	6	☹
	★ MG515-11.7F066200	11,7	2	0,2	2	4,1	3,5	6	6	☹
	★ MG515-15.7F086150	15,7	1,5	0,2	3,5	5,35	4,5	8	6	☹
	★ MG515-15.7F086200	15,7	2	0,2	3,5	5,35	4,5	8	6	☹
	★ MG515-15.7F086250	15,7	2,5	0,2	3,5	5,35	4,5	8	6	☹
	★ MG515-17.7F096200	17,7	2	0,2	4	6,6	5,75	9	6	☹
	★ MG515-17.7F096250	17,7	2,5	0,2	4	6,65	5,75	9	6	☹
	★ MG515-17.7F096300	17,7	3	0,2	4	6,65	5,75	9	6	☹
	★ MG515-21.7F126200	21,7	2	0,2	4,5	7,1	6,25	12	6	☹
	★ MG515-21.7F126250	21,7	2,5	0,2	4,5	7,1	6,25	12	6	☹
	★ MG515-21.7F126300	21,7	4	0,2	4,5	7,1	6,25	12	6	☹
	★ MG515-27.7F146400	27,7	4	0,2	6,5	7,3	6,4	14,3	6	☹
	★ MG515-27.7F146500	27,7	5	0,2	6,5	7,3	6,3	14,3	6	☹
	★ MG515-27.7F146600	27,7	6	0,2	6,5	7,3	6,3	14,3	6	☹
	★ MG515-34.7F146250	34,7	2,5	0,2	10	7,1	6,15	14,3	6	☹
	★ MG515-34.7F146300	34,7	3	0,2	10	7,1	6,15	14,3	6	☹
	★ MG515-36.7F126150	36,7	1,5		12	7,1	6,15	12	6	☹
	★ MG515-36.7F126200	36,7	2		12	7,1	6,15	12	6	☹

Ordering example for the grade WMP35X: MG515-11.7F066150 WMP35X

WALTER SELECT ●● Primary application ● Other application

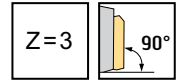
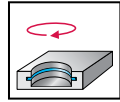
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide circular milling cutters for circlip grooving

MG520 mm

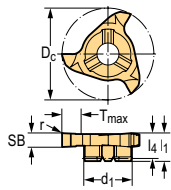


– For circlip grooves in accordance with DIN 472



	P	M	K	N	S	H	O
WMP35X	●●	●●	●●	●	●	●●	●

Tool



Modular interface

Designation	D _c mm	SB mm	r mm	T _{max} mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WMP35X
★ MG520-06.7F053090	6,7	0,94		0,6	3,85	3,35	4,8	3	☹
★ MG520-06.7F053100	6,7	1,04		0,6	3,85	3,25	4,8	3	☹
★ MG520-06.7F053110	6,7	1,21		0,6	3,85	3,25	4,8	3	☹
★ MG520-09.7F063070	9,7	0,74		1,5	3,93	3,25	6	3	☹
★ MG520-09.7F063080	9,7	0,84		1,5	3,93	3,35	6	3	☹
★ MG520-09.7F063090	9,7	0,94		1,5	3,93	3,35	6	3	☹
★ MG520-09.7F063100	9,7	1,04		1,5	3,93	3,25	6	3	☹
★ MG520-09.7F063110	9,7	1,21		1,5	4,08	3,5	6	3	☹
★ MG520-09.7F063130	9,7	1,41	0,1	1,5	4,08	3,5	6	3	☹
★ MG520-09.7F063160	9,7	1,71	0,1	1,5	4,07	3,5	6	3	☹
★ MG520-17.7F093070	17,7	0,74		1,5	6,55	5,65	9	3	☹
★ MG520-17.7F093080	17,7	0,84		1,7	6,55	5,65	9	3	☹
★ MG520-17.7F093090	17,7	0,94		1,9	6,55	5,65	9	3	☹
★ MG520-17.7F093110	17,7	1,21		3,5	6,65	4,5	9	3	☹
★ MG520-17.7F093130	17,7	1,41	0,1	3,5	6,65	4,5	9	3	☹
★ MG520-17.7F093160	17,7	1,71	0,1	3,5	6,65	4,5	9	3	☹
★ MG520-21.7F123110	21,7	1,21		2,5	6,6	5,7	12	3	☹
★ MG520-21.7F123130	21,7	1,41	0,1	4,5	6,6	5,7	12	3	☹
★ MG520-21.7F123160	21,7	1,71	0,1	4,5	6,6	5,6	12	3	☹
★ MG520-21.7F123185	21,7	1,96	0,2	4,5	6,6	5,6	12	3	☹
★ MG520-21.7F123215	21,7	2,26	0,2	4,5	6,6	5,6	12	3	☹
★ MG520-21.7F123265	21,7	2,76	0,2	4,5	6,6	5,7	12	3	☹
★ MG520-21.7F123315	21,7	3,26	0,2	4,5	6,6	5,6	12	3	☹
★ MG520-21.7F123415	21,7	4,26	0,2	4,5	6,6	5,6	12	3	☹
★ MG520-21.7F123515	21,7	5,26	0,2	4,5	6,6	5,7	12	3	☹

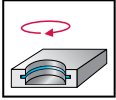
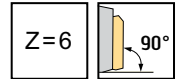
Ordering example for the grade WMP35X: MG520-06.7F053090 WMP35X

Solid carbide circular milling cutters for circlip grooving

MG520 mm



– For circlip grooves in accordance with DIN 472



	P	M	K	N	S	H	O
WMP35X	●●	●●	●●	●	●	●●	●

Tool	Designation	D _c mm	SB mm	r mm	T _{max} mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WMP35X
	★ MG520-17.7F096110	17,7	1,21		4	6,6	5,75	9	6	☹
	★ MG520-17.7F096130	17,7	1,41		4	6,6	5,75	9	6	☹
	★ MG520-17.7F096160	17,7	1,71		4	6,6	5,75	9	6	☹
	★ MG520-27.7F146185	27,7	1,96	0,2	6,5	7,25	6,35	14,3	6	☹
	★ MG520-27.7F146215	27,7	2,26	0,2	6,5	7,06	6,16	14,3	6	☹

Modular interface

Ordering example for the grade WMP35X: MG520-17.7F096110 WMP35X

D1

WALTER SELECT

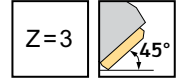
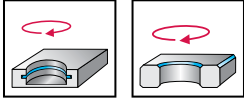
 ●● Primary application ● Other application
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

Solid carbide circular milling cutters for chamfer milling

MG545 mm



– Forward and reverse chamfer milling with 45°



	P	M	K	N	S	H	O
WMP35X	●●	●●	●●	●	●	●●	●

Tool	Designation	D _a mm	SB mm	T _{max} mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WMP35X
	★ MG545-09.7F063090	9,7	0,9	1	4,18	3,6	6	3	☺
	★ MG545-15.7F083140	15,7	1,4	1,4	5,35	4,5	8	3	☺
	★ MG545-17.7F093250	17,7	2,5	1,4	6,7	5,85	9	3	☺
	★ MG545-21.7F143200	21,7	2	1,7	6,7	5,85	14,3	3	☺
Modular interface									

Ordering example for the grade WMP35X: MG545-09.7F063090 WMP35X

D1

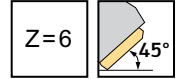
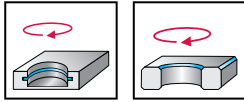
WALTER SELECT	●● Primary application ● Other application	
	Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹	machining conditions

Solid carbide circular milling cutters for chamfer milling

MG545 mm



– Forward and reverse chamfer milling with 45°



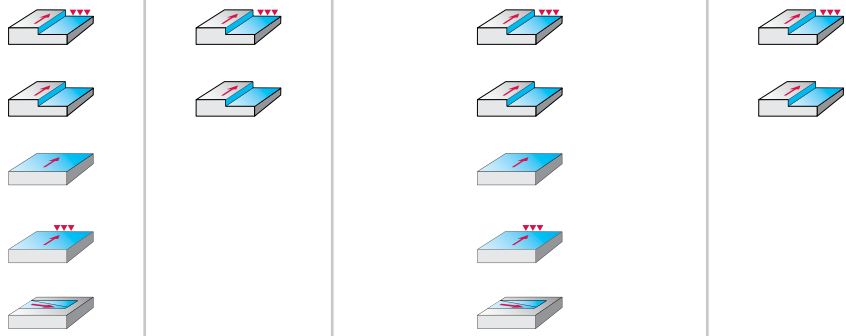
	P	M	K	N	S	H	O
WMP35X	●●	●●	●●	●	●	●●	●

Tool	Designation	D _a mm	SB mm	T _{max} mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WMP35X
	★ MG545-09.7F066020	9,7	0,2	1,2	3,99	3,4	6	6	☺
	★ MG545-13.7F086020	13,7	0,2	1,8	5,35	4,5	8	6	☺
	★ MG545-17.7F096020	17,7	0,2	2,2	6,66	5,8	9	6	☺
	★ MG545-21.7F146020	21,7	0,2	2	6,9	6,05	14,3	6	☺

Modular interface

Ordering example for the grade WMP35X: MG545-09.7F066020 WMP35X

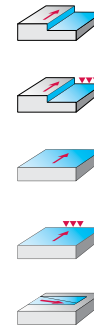
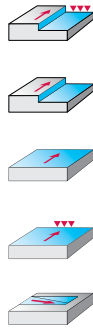
Shoulder milling cutters



Designation

Diameter range	40–63	32–40	50–80	40–63	25–40
Number of teeth	6	4–6	6–8	6	4–6
Corner radius					
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard					
Coating / grade	WP40	WP40	WP40	WKM	WKM
Shank	Modular NCT adaptor	DIN 1835 B	Shell mill mount DIN 138 transverse keyway	Modular NCT adaptor	DIN 1835 B
P Steel	●●	●●	●●		
M Stainless steel					
K Cast iron				●●	●●
N NF metals					
S Materials with difficult cutting properties					
H Hard materials					
O Other					
Page in catalogue	D 277	D 276	D 278	D 277	D 276
QR code					
www.walter-tools.com/woc/	F1682	F1678	F1675	F1682	F1678

Shoulder milling cutters



NEW

NEW

NEW

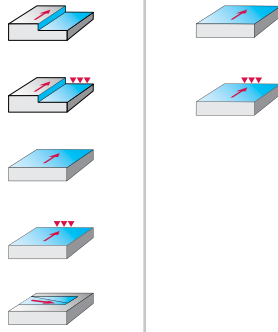
NEW



Designation		MP271 F0	MP270 F0	MP260 F0	MP170 F0
Diameter range	50-80	16-25	4-25	16-20	16-25
Number of teeth	6-8	3	2-3	2-3	3-4
Corner radius		0,4	0,1-3	0,2	0,2
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard					
Coating / grade	WKM	WDN20	WDN20	WDN20	WDN20
Shank	Shell mill mount DIN 138 transverse keyway	DIN 6535 HA	DIN 6535 HA	ScrewFit	DIN 6535 HA
P Steel					
M Stainless steel					
K Cast iron	●●				
N NF metals		●●	●●	●●	●●
S Materials with difficult cutting properties					
H Hard materials					
O Other		●	●	●	●
Page in catalogue	D 278	D 279	D 280	D 281	D 282
QR code					
www.walter-tools.com/woc/	F1675	MP271	MP270	MP260	MP170

D1

Shoulder milling cutters


NEW
NEW


Designation	MP160 F0	MP060 F0
Diameter range	20–40	40,6–125,6
Number of teeth	4	10–22
Corner radius	0,2	—
Diameter range	—	—
Number of teeth	—	—
Corner radius	—	—
Standard		
Coating / grade	WDN20	WDN20
Shank	ScrewFit	Shell mill mount DIN 138 transverse keyway
P Steel		
M Stainless steel		
K Cast iron		
N NF metals	● ●	● ●
S Materials with difficult cutting properties		
H Hard materials		
O Other	●	●
Page in catalogue	D 283	D 284
QR code		
www.walter-tools.com/woc/	MP160	MP060

PCD-, ceramic-, carbide-tipped milling tools



NEW



Designation MP470 F0

Diameter range 4–16

Number of teeth 2

Corner radius 2–8

Diameter range —

Number of teeth

Corner radius

Standard

Coating / grade WDN20

Shank DIN 6535 HA

P Steel

M Stainless steel

K Cast iron

N NF metals

S Materials with difficult cutting properties

H Hard materials

O Other

D 285

Page in catalogue

QR code



www.walter-tools.com/woc/

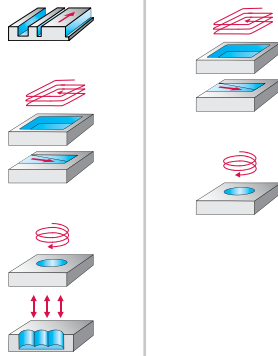
MP470



WALTER SELECT

●● Primary application ● Other application

D1

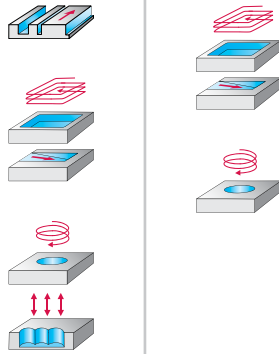
PCD-, ceramic-, carbide-tipped milling tools



Designation	MC275	MC075	
Diameter range	8–12	8–12	
Number of teeth	4–6	4	
Corner radius	1	1–1,5	
Diameter range	—	—	
Number of teeth			
Corner radius			
Standard	PWZ-NORM	PWZ-NORM	
Coating / grade	W10	W10	
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	D 286	D 287	
QR code			
www.walter-tools.com/woc/	MC275	MC075	

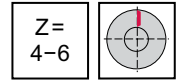
D1

PCD-, ceramic-, carbide-tipped milling tools

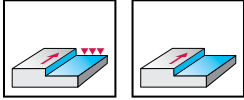


Designation	MC275	MC075	
Diameter range	12–25	16–25	
Number of teeth	4–8	4	
Corner radius	1–1,5	2–3	
Diameter range	—	—	
Number of teeth			
Corner radius			
Standard	PWZ-NORM	PWZ-NORM	
Coating / grade	WIS10	WIS10	
Shank	ConeFit	ConeFit	
P Steel			
M Stainless steel			
K Cast iron			
N NF metals			
S Materials with difficult cutting properties	●●	●●	
H Hard materials			
O Other			
Page in catalogue	D 288	D 289	
QR code			
www.walter-tools.com/woc/	MC275	MC075	

Brazed helical shoulder milling cutters

F1678 mm


- Brazed cutting edges



	P	M	K	N	S	H	O
WKM			●●				
WP40	●●						

Tool

	Designation	D_c js16 mm	l_{11} mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	kg
	F1678.W.025.Z04.50.K	25	0,5	50	68	125	25	4	0,41
	F1678.W.032.Z04.50.K	32	0,5	50	69	130	32	4	0,69
	F1678.W.032.Z04.50.P	32	0,5	50	69	130	32	4	0,68
	F1678.W.040.Z06.63.K	40	0,8	63	84	145	32	6	0,97
	F1678.W.040.Z06.63.P	40	0,8	63	84	145	32	6	1,02

DIN 1835 B

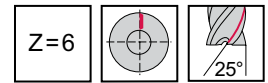
D1

**WALTER
SELECT**

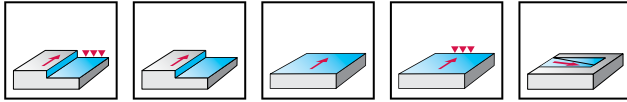
●● Primary application ● Other application
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Brazed helical shoulder milling cutters

F1682 mm



– Brazed cutting edges

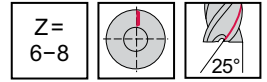


	P	M	K	N	S	H	O
WKM			●●				
WP40	●●						

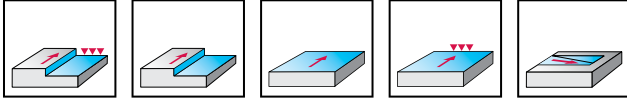
Tool		Designation	D _c js16 mm	l ₁₁ mm	L _c mm	l ₄ mm	l ₁ mm	d ₁ mm	Z	kg
<p>Modular NCT adaptor</p>		F1682.N6.040.Z06.63.K	40	0,8	63	120	136	63	6	1,27
		F1682.N6.040.Z06.63.P	40	0,8	63	120	136	63	6	1,31
		F1682.N8.050.Z06.80.P	50	0,8	80	135	153	80	6	2,32
		F1682.N8.063.Z06.100.K	63	0,8	100	150	168	80	6	3,36
		F1682.N8.063.Z06.100.P	63	0,8	100	150	168	80	6	3,37

D1

Brazed helical shoulder milling cutters

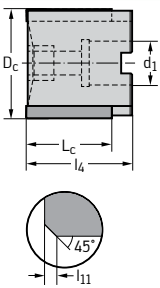
F1675 mm


- Brazed cutting edges



	P	M	K	N	S	H	O
WKM			●●				
WP40	●●						

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D _c js16 mm	l ₁₁ mm	L _c mm	l ₁ mm	d ₁ mm	Z	kg
F1675.B.050.Z06.40.K	50	0,8	40	50	22	6	0,51
F1675.B.050.Z06.40.P	50	0,8	40	50	22	6	0,51
F1675.B.063.Z06.50.K	63	0,8	50	63	27	6	0,96
F1675.B.063.Z06.50.P	63	0,8	50	63	27	6	0,9
F1675.B.080.Z08.50.K	80	1	50	63	32	8	1,67
F1675.B.080.Z08.50.P	80	1	50	63	32	8	1,7

D1

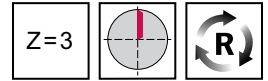
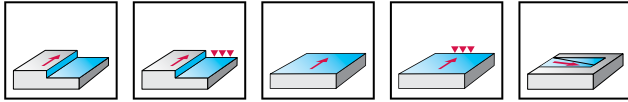
WALTER
SELECT

●● Primary application ● Other application

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

PCD routing cutters

MP271 mm



	P	M	K	N	S	H	O
WDN20				●●			●

Tool		Designation	D _c mm	r mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	z	kg	WDN20
	★	MP271-016A03P	16	0,4	30	100	47,6	16	3	0,25	☹
	★	MP271-020A03A	20	0,4	30	100	47,7	20	3	0,43	☹
	★	MP271-025A03S	25	0,4	30	100	41,5	25	3	0,68	☹

DIN 6535 HA

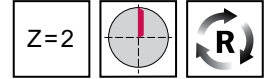
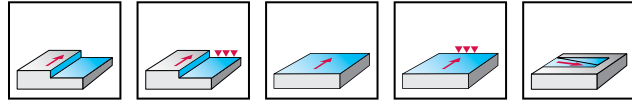
Ordering example for the grade WDN20: MP271-016A03P WDN20

PCD routing cutters

MP270 mm



– Solid carbide shank



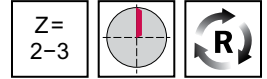
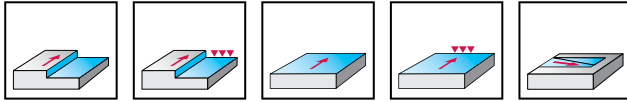
	P	M	K	N	S	H	O
WDN20				●●			●

Tool		Designation	D _c mm	r mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	kg	WDN20
<p>DIN 6535 HA</p>	★	MP270-004A02A	4	0,1	6	52	12	6	2	0,02	☹
	★	MP270-005A02B	5	0,1	8	55	15	6	2	0,03	☹
	★	MP270-006A02L	6	0,2	8	60	20	6	2	0,02	☹
	★	MP270-008A02L	8	0,2	10	70	15	8	2	0,04	☹
	★	MP270-010A02L	10	0,2	12	80	17	10	2	0,09	☹
	★	MP270-012A02B	12	0,2	16	80	21	12	2	0,12	☹
	★	MP270-016A02B	16	0,2	20	90	25	16	2	0,22	☹
	★	MP270-016A03B	16	0,2	20	90	25	16	3	0,22	☹
	★	MP270-020A03B	20	0,2	20	100	48,5	20	3	0,4	☹
	<p>DIN 6535 HA</p>	★	MP270-012A03B	12	2	8	83	35,5	12	3	0,13
★		MP270-016A03P	16	2	12	100	49,5	16	3	0,28	☹
★		MP270-020A03P	20	3	14	120	67,5	20	3	0,52	☹
★		MP270-025A03L	25	3	18	140	81,5	25	3	0,93	☹

Ordering example for the grade WDN20: MP270-004A02A WDN20

PCD routing cutters

MP260 mm



	P	M	K	N	S	H	0
WDN20				●●			●

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

ScrewFit

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

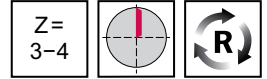
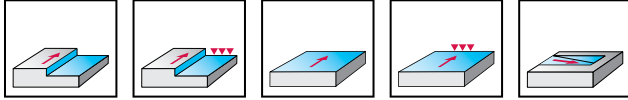
D1

PCD shoulder milling cutters

MP170



- Solid carbide shank



	P	M	K	N	S	H	O
WDN20				●●			●

Tool

	Designation	D _c mm	r mm	L _c mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	kg	WDN20
	★ MP170-016A03B	16	0,2	20	90	25	16	3	0,22	☹
	★ MP170-020A04B	20	0,2	20	100	48,5	20	4	0,42	☹
	★ MP170-025A04S	25	0,2	20	100	42,5	25	4	0,62	☹

DIN 6535 HA

Ordering example for the grade WDN20: MP170-016A03B WDN20

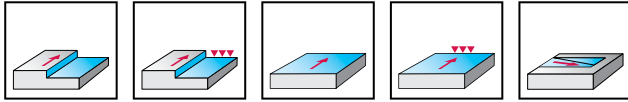
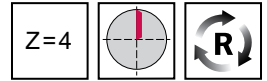
D1

WALTER SELECT ●● Primary application ● Other application

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

PCD shoulder milling cutters

MP160 mm



	P	M	K	N	S	H	0
WDN20				●●			●

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

ScrewFit

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

D1

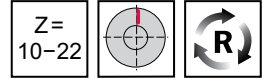
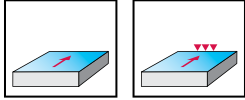
WALTER SELECT		●● Primary application ● Other application	Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions
--------------------------	--	--	--

PCD face milling cutters

MP060

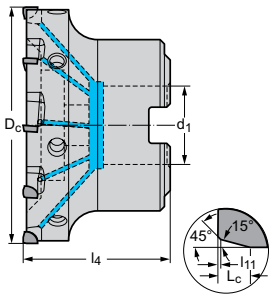


- $\kappa = 75^\circ$ up to $L_c = 1.1$ mm



	P	M	K	N	S	H	O
WDN20				●●			●

Tool



Shell mill mount DIN 138 transverse keyway

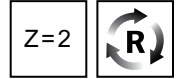
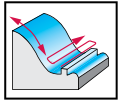
Designation	D _c mm	h ₁ mm	L _c mm	l ₄ mm	d ₁ mm	Z	kg	WDN20
★ MP060-040B10P	40	0,1	1,1	40	16	10	0,4	☹
★ MP060-050B12P	50	0,1	1,1	40	22	12	0,6	☹
★ MP060-063B14P	63	0,1	1,1	40	22	14	0,5	☹
★ MP060-080B16P	80	0,1	1,1	50	27	16	1	☹
★ MP060-100B18P	100	0,1	1,1	50	32	18	1,5	☹
★ MP060-125B22P	125	0,1	1,1	63	40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

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

D1

PCD ball-nose copy milling cutters

MP470 mm



	P	M	K	N	S	H	O
WDN20				●●			●

Tool		Designation	D _c mm	R mm	L _c mm	l ₄ mm	l ₁ mm	d ₁ mm	Z	WDN20
<p>DIN 6535 HA</p>	★	MP470-004A02A	4	2	4	12,6	55	6	2	☹️
	★	MP470-006A02A	6	3	6	16,7	55	6	2	☹️
	★	MP470-008A02P	8	4	6	27	65	8	2	☹️
	★	MP470-010A02S	10	5	8	22,5	65	10	2	☹️
	★	MP470-012A02S	12	6	10	18	65	12	2	☹️
	★	MP470-016A02S	16	8	14	29,5	80	16	2	☹️

Ordering example for the grade WDN20: MP470-004A02A WDN20

D1

WALTER SELECT ●● Primary application ● Other application

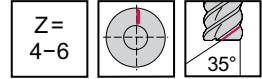
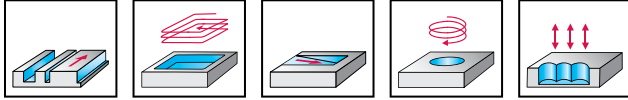
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

Ceramic shoulder/slot milling cutters

MC275 mm



- Long reach



	P	M	K	N	S	H	O
WIS10					●●		

Tool	Designation	D _c h12 mm	R mm	l ₃ mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WIS10
	MC275-08.0A4P100C-	8	1	19	7,6	67	31	8	4	☺
	MC275-10.0A4P100C-	10	1	22	9,5	75	35	10	4	☺
	MC275-12.0A4P100C-	12	1	26	11,4	82	37	12	4	☺
	MC275-12.0A6P100C-	12	1	26	11,4	82	37	12	6	☺

DIN 6535 HA

Shoulder milling $a_e \leq 0.1 \times D_c$ | Slot milling $a_p \leq 0.1 \times D_c$ | Ordering example for the grade WIS10: MC275-08.0A4P100C-WIS10

D1

WALTER SELECT ●● Primary application ● Other application

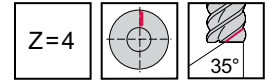
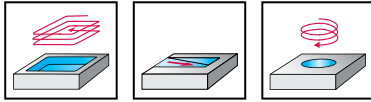
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

Ceramic shoulder/slot milling cutters

MC075 mm



- Long reach



	P	M	K	N	S	H	O
WIS10					●●		

Tool		Designation	a _{pf} mm	D _c h12 mm	x _f mm	R _f mm	R _{ers} mm	R mm	L _c mm	l ₃ mm	l ₁ mm	l ₄ mm	d ₁ mm	Z	WIS10
		MC075-08.0A4P100C-	0,25	8	0,78	12	1,226	1	7	19	67	31	8	4	☺
		MC075-10.0A4P150C-	0,3	10	0,8	15	1,773	1,5	7	22	75	35	10	4	☺
		MC075-12.0A4P150C-	0,4	12	1	18	1,875	1,5	7	26	82	37	12	4	☺

DIN 6535 HA

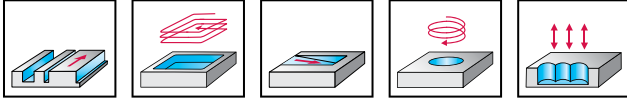
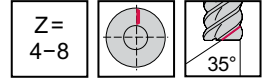
Shoulder milling a_e ≤ 0.5 x D_c | Ordering example for the grade WIS10: MC075-08.0A4P100C-WIS10

D1

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

Ceramic shoulder/slot milling cutters

MC275 mm



	P	M	K	N	S	H	O
WIS10					●●		

Tool	Designation	D _c h12 mm	R mm	d ₂ mm	l ₁ mm	l ₄ mm	d ₁	SW mm	Z	WIS10
	MC275-12.0E4P100-	12	1	11,7	32,6	18,8	E12	10	4	☺
	MC275-12.0E6P100-	12	1	11,7	32,6	18,8	E12	10	6	☺
	MC275-16.0E6P150-	16	1,5	15,5	42,7	25,7	E16	12	6	☺
	MC275-16.0E8P150-	16	1,5	15,5	42,7	25,7	E16	12	8	☺
	MC275-20.0E6P150-	20	1,5	19,3	47,8	28,3	E20	16	6	☺
	MC275-20.0E8P150-	20	1,5	19,3	47,8	28,3	E20	16	8	☺
	MC275-25.0E6P150-	25	1,5	24,2	56,6	32,6	E25	20	6	☺
	MC275-25.0E8P150-	25	1,5	24,2	56,6	32,6	E25	20	8	☺

ConeFit

Shoulder milling $a_e \leq 0.1 \times D_c$ | Ordering example for the grade WIS10: MC275-12.0E4P100-WIS10

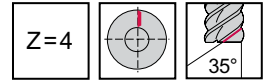
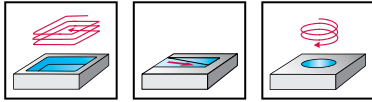
D1

WALTER SELECT ●● Primary application ● Other application

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

Ceramic shoulder/slot milling cutters

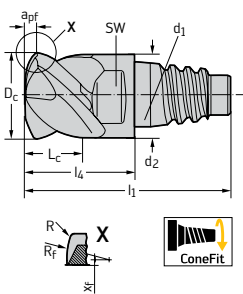
MC075 mm



	P	M	K	N	S	H	O
WIS10					●●		

Tool

Designation	a _{pf} mm	D _c h12 mm	x _f mm	R _f mm	R _{ers} mm	R mm	L _c mm	l ₁ mm	l ₄ mm	SW mm	d ₁	Z	WIS10
MC075-16.0E4P200-	0,5	16	1,5	24	2,465	2	9	42,7	25,7	12	E16	4	☺
MC075-20.0E4P200-	0,65	20	2,2	30	2,607	2	9	47,8	28,3	16	E20	4	☺
MC075-25.0E4P300-	0,75	25	2,8	36	3,687	3	9	56,6	32,6	20	E25	4	☺



ConeFit

Shoulder milling a_e ≤ 0.5 x D_c | Ordering example for the grade WIS10: MC075-16.0E4P200-WIS10

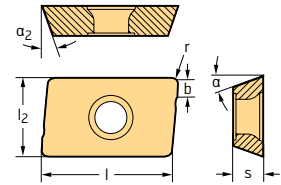
D1

WALTER SELECT ●● Primary application ● Other application


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



Positive rhombic ADGT / ADHT / ADKT Tiger-tec® Gold



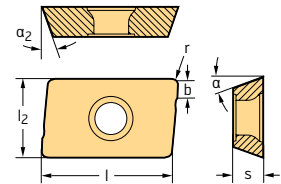
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α ₂	b mm	P				M			K				N			S			
									HC				HC			HC				HC			HC			
									WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM35S	WSP45G	
 ADKT0803PEL-F56	K	2	3,35	9,52	0,4	15°	20°	1,2		☺	☺	☺						☺	☺	☺						☺
ADKT0803PER-F56	K	2	3,35	9,52	0,4	15°	20°	1,2	☺	☺	☺							☺	☺	☺						☺
ADKT10T3PER-F56	K	2	3,8	11,3	0,8	15°	15°	1,2		☺	☺	☺						☺	☺	☺						☺
ADKT1204PEL-F56	K	2	4,76	13,6	0,8	15°	20°	1,2		☺	☺	☺						☺	☺	☺						☺
ADKT1204PER-F56	K	2	4,76	13,6	0,8	15°	20°	1,2	☺	☺	☺							☺	☺	☺						☺
ADKT1606PEL-F56	K	2	6,15	17,5	0,8	15°	20°	1,6		☺	☺	☺						☺	☺	☺						☺
ADKT1606PER-F56	K	2	6,15	17,5	0,8	15°	20°	1,6	☺	☺	☺							☺	☺	☺						☺


Ordering example for the grade WKP25S: ADGT0803PER-D51 WKP25S
Ordering example for the grade WKP35G: ADGT0803PER-D51 WKP35G

HC = Coated carbide
HW = Uncoated carbide

Positive rhombic ADMT Tiger-tec® Gold



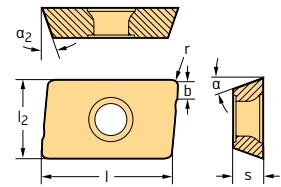
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α ₂	b mm	P				M			K				S						
									HC				HC			HC				HC						
									WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSM45X	WSP45G	
 ADMT080304R-D56	M	2	3,35	9,52	0,4	15°	20°	1,2	☺	☺	☺	☺					☺	☺	☺	☺	☺					☺
ADMT120408R-D56	M	2	4,76	13,6	0,8	15°	20°	1,2	☺	☺	☺	☺					☺	☺	☺	☺	☺					☺
ADMT160608R-D56	M	2	6,15	17,5	0,8	15°	20°	1,6	☺	☺	☺	☺					☺	☺	☺	☺	☺					☺
ADMT180712R-D56	M	2	7,04	19	1,2	15°	17°	1,8	☺	☺	☺	☺					☺	☺	☺	☺	☺					☺


Ordering example for the grade WAK15: ADMT080304R-D56 WAK15
Ordering example for the grade WKP25S: ADMT080304R-D56 WKP25S
Ordering example for the grade WKP35G: ADMT080304R-D56 WKP35G

HC = Coated carbide

Positive rhombic ADMT Tiger-tec® Gold



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α ₂	b mm	P				M				K				S					
									HC				HC				HC				HC					
									WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSM45X	WSP45G	
 ADMT080304R-G56	M	2	3,35	9,52	0,4	15°	20°	1,2			☺	☺				☺										☺
ADMT10T308R-G56	M	2	3,8	11,3	0,8	15°	15°	1,2	☺			☺	☺								☺					☺
ADMT120408R-G56	M	2	4,76	13,6	0,8	15°	20°	1,2	☺	☺	☺	☺									☺	☺	☺			☺
ADMT160608R-G56	M	2	6,15	17,5	0,8	15°	20°	1,6	☺	☺	☺	☺									☺	☺	☺			☺

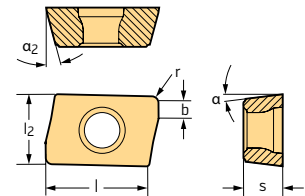
Ordering example for the grade WAK15: ADMT080304R-D56 WAK15

Ordering example for the grade WKP25S: ADMT080304R-D56 WKP25S









Ordering example for the grade WKP35G: ADMT080304R-D56 WKP35G

HC = Coated carbide

Positive rhombic ACGT / ACMT Tiger-tec® Gold



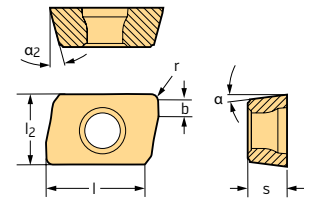
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	α	α ₂	b mm	P				M				K				N		S		
										HC				HC				HC				HC	HW	HC		
										WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	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 WSM35G: ACGT060204R-G65 WSM35G

 HC = Coated carbide
 HW = Uncoated carbide

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



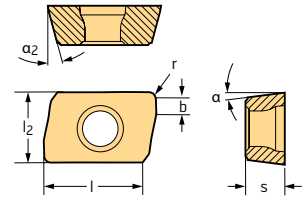
Indexable inserts

Designation	Tolerance class	Number of cutting edges	l ₂ mm	s mm	l mm	r mm	α	α ₂	b mm	P			M			K			N			S					
										HC	HC	HC	HC	HC	HW	DP	HC	HW	DP	HC	HW	DP					
										WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WDN20	WSM35G	WSM45X	WSP45G
 BCGT090304R-G55	G	2	6,3	3,21	10,3	0,4	7°	15°	1,2	☉	☉	☉	☉	☉	☉	☉										☉	☉
BCGT120408R-G55	G	2	7,3	4,8	13,8	0,8	7°	15°	1,3	☉	☉	☉	☉	☉	☉	☉										☉	☉
BCGT160508R-G55	G	2	9,9	5,75	17,3	0,8	7°	15°	2	☉	☉	☉	☉	☉	☉	☉	☉									☉	☉
 BCGT090304R-K85	G	2	6,3	3,21	10,3	0,4	7°	15°	1,2													☉	☉				
BCHT120404R-K85	H	2	7,3	4,8	13,8	0,4	7°	15°	1,7													☉	☉				
BCHT120408R-K85	H	2	7,3	4,8	13,8	0,8	7°	15°	1,3													☉	☉				
BCHT120412R-K85	H	2	7,3	4,8	13,8	1,2	7°	15°	1,2													☉	☉				
BCHT120416R-K85	H	2	7,3	4,8	13,8	1,6	7°	15°	1,1													☉	☉				
BCHT120420R-K85	H	2	7,3	4,8	13,8	2	7°	15°	1,2													☉	☉				
BCHT120425R-K85	H	2	7,3	4,8	13,8	2,5	7°	15°	1													☉	☉				
BCHT120430R-K85	H	2	7,3	4,8	13,8	3	7°	15°	0,7													☉	☉				
BCHT120440R-K85	H	2	7,3	4,8	13,8	4	7°	15°	0,4													☉	☉				
BCHT160508R-K85	H	2	9,9	5,75	17,3	0,8	7°	15°	2													☉	☉				
BCHT160512R-K85	H	2	9,9	5,75	17,3	1,2	7°	15°	1,7													☉	☉				
BCHT160516R-K85	H	2	9,9	5,75	17,3	1,6	7°	15°	1,7													☉	☉				
BCHT160520R-K85	H	2	9,9	5,75	17,3	2	7°	15°	1,5													☉	☉				
BCHT160525R-K85	H	2	9,9	5,75	17,3	2,5	7°	15°	1,4													☉	☉				
BCHT160530R-K85	H	2	9,9	5,75	17,3	3	7°	15°	1,2													☉	☉				
BCHT160540R-K85	H	2	9,9	5,75	17,3	4	7°	15°	1,1													☉	☉				
 BCMT090304R-F55	M	2	6,3	3,21	10,3	0,4	7°	15°	1,2	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉					☉	☉
BCMT120408R-F55	M	2	7,3	4,8	13,8	0,8	7°	15°	1,3	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉					☉	☉
BCMT160508R-F55	M	2	9,9	5,75	17,3	0,8	7°	15°	2	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉					☉	☉

Ordering example for the grade WKP35G: BCGT090304R-G55 WKP35G

HC = Coated carbide
HW = Uncoated carbide
DP = Polycrystalline diamond

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



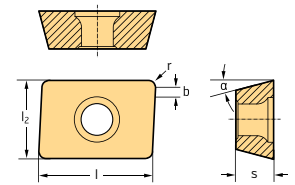
Indexable inserts

Designation	Tolerance class	Number of cutting edges	l ₂ mm	s mm	l mm	r mm	α	α ₂	b mm	P				M			K			N			S					
										HC	HC	HC	HC	HC	HC	HC	HC	HW	DP	HC	HC	HC						
										WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WDN20	WSM35G	WSM45X	WSP45G	
BCMT090302R-G55	M	2	6,3	3,21	10,3	0,2	7°	15°	1,4	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT090304R-G55	M	2	6,3	3,21	10,3	0,4	7°	15°	1,2	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT090308R-G55	M	2	6,3	3,21	10,3	0,8	7°	15°	0,8	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT090312R-G55	M	2	6,3	3,21	10,3	1,2	7°	15°	0,4	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT090316R-G55	M	2	6,3	3,21	10,3	1,6	7°	15°	0,4	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT090320R-G55	M	2	6,3	3,21	10,3	2	7°	15°	0,4	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT120404R-G55	M	2	7,3	4,8	13,8	0,4	7°	15°	1,3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT120408R-G55	M	2	7,3	4,8	13,8	0,8	7°	15°	1,3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT120412R-G55	M	2	7,3	4,8	13,8	1,2	7°	15°	1,2	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT120416R-G55	M	2	7,3	4,8	13,8	1,6	7°	15°	1,1	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT120420R-G55	M	2	7,3	4,8	13,8	2	7°	15°	1,2	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT120425R-G55	M	2	7,3	4,8	13,8	2,5	7°	15°	1	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT120430R-G55	M	2	7,3	4,8	13,8	3	7°	15°	0,7	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT120432R-G55	M	2	7,3	4,8	13,8	3,2	7°	15°	0,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT120440R-G55	M	2	7,3	4,8	13,8	4	7°	15°	0,4	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT160508R-G55	M	2	9,9	5,75	17,3	0,8	7°	15°	2	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT160512R-G55	M	2	9,9	5,75	17,3	1,2	7°	15°	1,7	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT160516R-G55	M	2	9,9	5,75	17,3	1,6	7°	15°	1,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT160520R-G55	M	2	9,9	5,75	17,3	2	7°	15°	1,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT160525R-G55	M	2	9,9	5,75	17,3	2,5	7°	15°	1,4	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT160530R-G55	M	2	9,9	5,75	17,3	3	7°	15°	1,2	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT160532R-G55	M	2	9,9	5,75	17,3	3,2	7°	15°	1,1	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT160540R-G55	M	2	9,9	5,75	17,3	4	7°	15°	1,1	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT160550R-G55	M	2	9,9	5,75	17,3	5	7°	15°	0,7	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT160560R-G55	M	2	9,9	5,75	17,3	6	7°	15°	0,1	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT090304R-K55	M	2	6,3	3,21	10,3	0,4	7°	15°	1,2	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT120408R-K55	M	2	7,3	4,8	13,8	0,8	7°	15°	1,3	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCMT160508R-K55	M	2	9,9	5,75	17,3	0,8	7°	15°	2	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
BCGT090304R-B85	G	1	6,3	3,21	10,3	0,4	7°	15°	1,3																			
BCGT120408R-B85	G	1	7,3	4,8	13,8	0,8	7°	15°	1,5																			
BCGT160508R-G51	G	2	9,9	5,75	17,3	0,8	7°	15°	2																			
BCMT160508R-G55W	M	2	9,9	5,75	17,3	0,8	7°	15°	2																			
BCMT160516R-G55W	M	2	9,9	5,75	17,3	1,6	7°	15°	1,5																			
BCMT160530R-G55W	M	2	9,9	5,75	17,3	3	7°	15°	1,2																			

Ordering example for the grade WKP35G: BCGT090304R-G55 WKP35G

 HC = Coated carbide
 HW = Uncoated carbide
 DP = Polycrystalline diamond

Positive rhombic LDMW / LDMT Tiger-tec® Gold



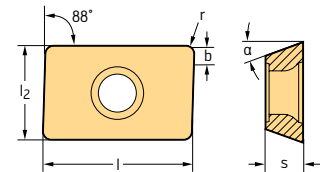
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	α	b mm	P				M		K			S	
									HC				HC		HC			HC	
									WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G
LDMW08T204R-A57	M	2	2,58	8,88	6,1	0,4	15°	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMW14T308R-A57	M	2	4,08	14,1	9,68	0,8	15°	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMW170408R-A57	M	2	4,92	17,24	11,78	0,8	15°	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT08T204R-D51	M	2	2,58	8,88	6,1	0,4	15°	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT14T308R-D51	M	2	4,08	14,1	9,68	0,8	15°	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT170408R-D51	M	2	4,92	17,24	11,78	0,8	15°	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT170412R-D51	M	2	4,92	17,24	11,78	1,2	15°	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT08T204R-D57	M	2	2,58	8,88	6,1	0,4	15°	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT14T308R-D57	M	2	4,08	14,1	9,68	0,8	15°	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT170408R-D57	M	2	4,92	17,24	11,78	0,8	15°	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT08T204R-F57	M	2	2,58	8,88	6,1	0,4	15°	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT14T308R-F57	M	2	4,08	14,1	9,68	0,8	15°	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT170408R-F57	M	2	4,92	17,24	11,78	0,8	15°	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WKP25S: LDMW08T204R-A57 WKP25S
 Ordering example for the grade WKP35G: LDMW08T204R-A57 WKP35G

HC = Coated carbide

Positive rhombic LPGT / LPHW / LPMW / LPMT Tiger-tec® Gold



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	α	b mm	P				M		K		S	
									HC				HC		HC		HC	
									WKP25S	WKP35S	WSP45G	WSP45G	WKP25S	WKP35S	WSP45G	WKP25S	WKP35S	WSP45G
LPGT070304R-F55	G	2	3,18	7,94	6,35	0,4	11°	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LPGT15T308R-F55	G	2	3,97	15	9,52	0,8	11°	1,4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LPGT150412R-F55	G	2	4,76	15,88	12,7	1,2	11°	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LPHW150612R-A51																		
LPMW150412TR-A27	M	2	4,76	15,88	12,7	1,2	11°		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LPMT070304R-D51	M	2	3,18	7,94	6,35	0,4	11°	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LPMT15T308R-D51	M	2	3,97	15	9,52	0,8	11°	1,4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LPMT150412R-D51	M	2	4,76	15,88	12,7	1,2	11°	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LPMT150612R-D51	M	2	6,35	15,88	12,7	1,2	11°		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WKP35S: LPGT070304R-F55 WKP35S
 Ordering example for the grade WKP35S: LPGT150412R-F55 WKP35S
 Ordering example for the grade WKP35S: LPGT15T308R-F55 WKP35S
 Ordering example for the grade WSP45G: LPGT15T308R-F55 WSP45G

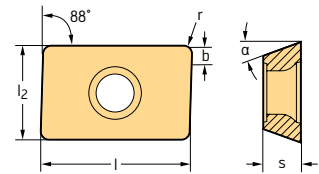
HC = Coated carbide

D2


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

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

Positive rhombic LPGT / LPHW / LPMW / LPMT Tiger-tec® Gold



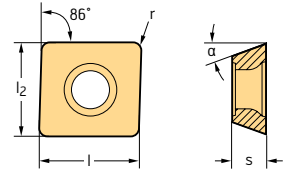
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	α	b mm	P		M	K	S	
									HC		HC	HC	HC	
									WKP25S	WKP35S	WSP45G	WKP25S	WKP35S	WSP45G
 LPMT150612R-D57	M	2	6,35	15,88	12,7	1,2	11°		☑	☑		☑	☑	










Ordering example for the grade WKP35S: LPGT070304R-F55 WKP35S
 Ordering example for the grade WKP35S: LPGT150412R-F55 WKP35S
 Ordering example for the grade WKP35S: LPGT15T308R-F55 WKP35S
 Ordering example for the grade WSP45G: LPGT15T308R-F55 WSP45G

HC = Coated carbide

Positive rhombic MPHX / MPHW / MPHT / MPMX / MPMT Tiger-tec® Gold



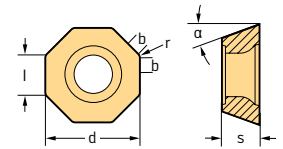
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	α	P		M	K	N	S
								HC		HC	HC	HC	HC
								WKP25S	WKP35G	WSP45G	WSP45G	WSP45G	WSP45G
 MPHX060304-A57	H	2	3,18	6,35	6,35	0,4	11°	☑	☑				
 MPHX080305-A57	H	2	3,18	8,3	8,3	0,5	11°	☑	☑				
 MPHW120408-A57	H	2	4,76	12,7	12,7	0,8	11°	☑	☑				
 MPHX060304-G88	H	2	3,18	6,35	6,35	0,4	11°					☑	
 MPHX080305-G88	H	2	3,18	8,3	8,3	0,5	11°					☑	
 MPHT120408-G88	H	2	4,76	12,7	12,7	0,8	11°					☑	
 MPMX060304-F57	M	2	3,18	6,35	6,35	0,4	11°		☑	☑	☑	☑	☑
 MPMX080305-F57	M	2	3,18	8,3	8,3	0,5	11°		☑	☑	☑	☑	☑
 MPMT120408-F57	M	2	4,76	12,7	12,7	0,8	11°		☑	☑	☑	☑	☑

Ordering example for the grade WKP25S: MPHX060304-A57 WKP25S

HC = Coated carbide

Positive octagonal ODHW / ODHT / ODMT / ODMW Tiger-tec® Gold



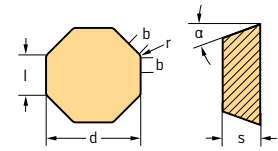
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	α	b mm	P			M			K			N		S		
									WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODHW050412-A57	H	8	4,76	12,7	5,26	1,2	15°		WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODHW060516-A57	H	8	5,56	15,88	6,58	1,6	15°		WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODHT050408-F57	H	8	4,76	12,7	5,26	0,8	15°		WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODHT060512-F57	H	8	5,56	15,88	6,58	1,2	15°		WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODHW0504ZZN-A57	H	8	4,76	12,7	5,26	0,8	15°	1,2	WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODHW0605ZZN-A57	H	8	5,56	15,88	6,58	0,8	15°	1,6	WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODHT0504ZZN-F57	H	8	4,76	12,7	5,26	0,8	15°	1,2	WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODHT0605ZZN-F57	H	8	5,56	15,88	6,58	0,8	15°	1,6	WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODHT0504ZZN-G77	H	8	4,76	12,7	5,26	0,8	15°	1,6	WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODHT0605ZZN-G77	H	8	5,56	15,88	6,58	0,8	15°	1,6	WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODHT0504ZZN-G88	H	8	4,76	12,7	5,26	0,8	15°	1,2	WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODHT0605ZZN-G88	H	8	5,56	15,88	6,58	0,8	15°	1,6	WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODMT0504ZZN-F57	M	8	4,76	12,7	5,26	0,8	15°	1,2	WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODMT0605ZZN-F57	M	8	5,56	15,88	6,58	0,8	15°	1,6	WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODMT050408-D57	M	8	4,76	12,7	5,26	0,8	15°		WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODMT060512-D57	M	8	5,56	15,88	6,58	1,2	15°		WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODMT0504ZZN-D57	M	8	4,76	12,7	5,26	0,8	15°	1,2	WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODMT0605ZZN-D57	M	8	5,56	15,88	6,58	0,8	15°	1,6	WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODMW050408T-A27	M	8	4,76	12,7	5,26	0,8	15°		WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODMW060508T-A27	M	8	5,56	15,88	6,58	0,8	15°		WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODMW050408-A57	M	8	4,76	12,7	5,26	0,8	15°		WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		
ODMW060508-A57	M	8	5,56	15,88	6,58	0,8	15°		WC	HC	CN	WC	HC	CN	WC	HC	HW	WC	HC	HW		



Ordering example for the grade WSN10: ODHW050412-A57 WSN10

HC = Coated carbide
CN = Silicon nitride Si₃N₄
HW = Uncoated carbide

Positive octagonal OPHN Tiger-tec® Silver



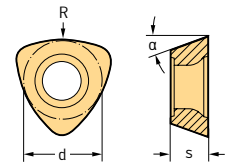
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	α	b mm	P		K		H	
									HC	WKP25S	HC	WAK15	BH	WCB80
 OPHN0504ZZN-A27	H	2	4,76	12,7	12,7	0,4	11°	1,2					☺	☹
 OPHN050412-A57	H	8	4,76	12,7	12,7	1,2	11°						☺	
OPHN0504ZZN-A57	H	8	4,76	12,7	12,7	0,4	11°	1,2	☺	☺	☺		☺	



Ordering example for the grade WCB80: OPHN0504ZZN-A27 WCB80

 HC = Coated carbide
 BH = CBN with high CBN content
 CN = Silicon nitride Si₃N₄

Positive triangular P26315 / P26325 Tiger-tec® Gold



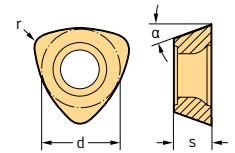
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	R mm	P		M	K	S
							HC	WKP25S	HC	WSP45G	HC
 P26315R10	M	3	2,78	6,75	14°	10	☺	☺	☺	☺	☺
P26315R12	M	3	3,18	8,5	14°	12,5	☺	☺	☺	☺	☺
P26315R15	M	3	3,97	10,5	14°	15	☺	☺	☺	☺	☺
P26315R16	M	3	3,97	10,5	14°	16	☺	☺	☺	☺	☺
P26315R20	M	3	4,76	12,7	11°	20	☺	☺	☺	☺	☺
P26315R25	M	3	4,76	12,7	11°	25	☺	☺	☺	☺	☺
P26315R31	M	3	4,76	12,7	11°	31,5	☺	☺	☺	☺	☺
P26315R19.05	M	3	4,76	12,7	11°	19,1		☺		☺	
 P26325R31	M	3	4,76	12,7	11°	31,5	☺	☺	☺	☺	☺

 Ordering example for the grade WKP25S: P26315R10 WKP25S
 Ordering example for the grade WKP35S: P26315R10 WKP35S
 Ordering example for the grade WSP45G: P26315R10 WSP45G

HC = Coated carbide

Positive triangular P26335 / P26337 / P26339 Tiger-tec® Gold



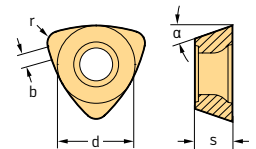
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	r mm	α	P				M		K		S		
							HC				HC		HC		HC		
							WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKP255	WKP35G	WKP35S	WSM35G	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

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		M	K	S
								HC		HC	HC	HC
								WKP35G	WKP35S	WSP45G	WKP35G	WKP35S
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

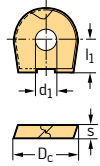
HC = Coated carbide

D2




Profile milling cutter inserts

P3204 / P3201

Tiger-tec® Gold



Indexable inserts

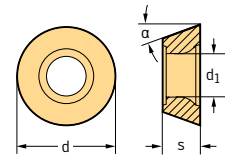
Designation	Tolerance class	Number of cutting edges	D _c ^{+0.03} mm	s mm	h ₁ mm	d ₁ mm	P			M			K		S			H	
							HC			HC			HC		HC			HC	
							WHH15X	WKP25	WKP35	WSP46G	WSM36	WSM36G	WSP46G	WHH15X	WKP25	WKP35	WSM36	WSM36G	WSP46G
 P3204-D08	H	2	8	2	4	3													
P3204-D10	H	2	10	2,5	5	4													
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													
 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													

Ordering example for the grade WHH15X: P3204-D08 WHH15X
 Ordering example for the grade WSM36: P3204-D08 WSM36
 Ordering example for the grade WSM36G: P3204-D08 WSM36G

HC = Coated carbide

D2

Positive round
ROMX / ROHX
Tiger-tec® Gold



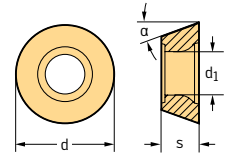
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d1 mm	P				M				K		S	
							HC				HC				HC		HC	
							WKP35G	WKP35S	WMP45G	WSP45G	WSM35G	WMP45G	WSM45X	WSP45G	WKP35G	WKP35S	WSM35G	WSM45X
ROMX0803M0-D57	M	4	3,18	8	11°	3,4												
ROMX10T3M0-D57	M	4	3,97	10	11°	4,4	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
ROMX1204M0-D57	M	4	4,76	12	11°	4,4	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
ROMX1605M0-D57	M	6	5,56	16	15°	5,5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
ROMX2006M0-D57	M	8	6,35	20	15°	6,5				☹								☹
ROMX10T3M0-D67	M	8	3,97	10	11°	3,9				☹								☹
ROMX1204M0-D67	M	4	4,76	12	11°	4,4			☹	☹								☹
ROMX10T3M0-F67	M	4	3,97	10	11°	4,4			☹	☹								☹
ROMX1204M0-F67	M	4	4,76	12	11°	4,4			☹	☹								☹
ROMX250700-G77	M	8	7,94	25	15°	8,6				☹				☹				☹
ROHX1204M0T-A27	H	4	4,76	12	11°	4,4	☹	☹							☹	☹		
ROHX1605M0T-A27	H	6	5,56	16	15°	5,5	☹	☹							☹	☹		
ROHX0803M0-D57	H	4	3,18	8	11°	3,4				☹								☹
ROHX10T3M0-D57	H	4	3,97	10	11°	4,4		☹		☹								☹
ROHX1204M0-D57	H	4	4,76	12	11°	4,4	☹	☹		☹								☹
ROHX1605M0-D57	H	6	5,56	16	15°	5,5		☹	☹						☹	☹		☹
ROHX2006M0-D57	H	8	6,35	20	15°	6,5				☹				☹				☹
ROHX0803M0-D67	H	4	3,18	8	11°	3,4				☹								☹
ROHX10T3M0-D67	H	4	3,97	10	11°	4,4				☹				☹				☹
ROHX1204M0-D67	H	4	4,76	12	11°	4,4	☹			☹				☹				☹
ROHX1605M0-D67	H	6	5,56	16	15°	5,5				☹				☹				☹
ROHX10T3M0-F67	H	4	3,97	10	11°	4,4				☹				☹				☹
ROHX1204M0-F67	H	4	4,76	12	11°	4,4	☹			☹				☹				☹

Ordering example for the grade WSM35G: ROMX0803M0-D57 WSM35G

HC = Coated carbide

Positive round
ROMX / ROHX / ROGX
Tiger-tec® Gold



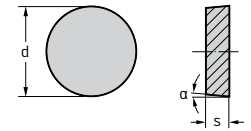
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d ₁ mm	P				M			K				N		S			H
							WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X
ROMX10T3M0T8-A27	M	8	3,97	10	11°	3,9	☉	☉	☉	☉													
ROMX1204M0T8-A27	M	8	4,76	12	11°	4,4	☉	☉	☉	☉													
ROMX1605M0T8-A27	M	8	5,56	16	15°	5,5	☉	☉	☉	☉													
ROMX2006M0T8-A27	M	8	6,35	20	15°	6,5	☉	☉	☉	☉													
ROMX0803M04-D57	M	4	3,18	8	11°	3,4	☉		☉	☉	☉									☉	☉		
ROMX10T3M08-D57	M	8	3,97	10	11°	3,9	☉	☉	☉	☉	☉										☉	☉	
ROMX1204M08-D57	M	8	4,76	12	11°	4,4	☉	☉	☉	☉	☉										☉	☉	
ROMX1605M08-D57	M	8	5,56	16	15°	5,5	☉	☉	☉	☉	☉										☉	☉	
ROMX2006M08-D57	M	8	6,35	20	15°	6,5	☉	☉	☉	☉	☉										☉	☉	
ROMX10T3M08-F67	M	8	3,97	10	11°	3,9															☉	☉	
ROMX1204M08-F67	M	8	4,76	12	11°	4,4															☉	☉	
ROMX1605M08-F67	M	8	5,56	16	15°	5,5															☉	☉	
ROHX2006M0T8-A27	H	8	6,35	20	15°	6,5																	
ROHX0803M04-A57	H	4	3,18	8	11°	3,4	☉	☉	☉	☉												☉	
ROHX10T3M08-A57	H	8	3,97	10	11°	3,9	☉	☉	☉	☉												☉	
ROHX1204M08-A57	H	8	4,76	12	11°	4,4	☉	☉	☉	☉												☉	
ROHX1605M08-A57	H	8	5,56	16	15°	5,5	☉	☉	☉	☉												☉	
ROHX2006M08-A57	H	8	6,35	20	15°	6,5	☉	☉	☉	☉												☉	
ROHX0803M04-D57	H	4	3,18	8	11°	3,4															☉	☉	
ROHX2006M08-D57	H	8	6,35	20	15°	6,5																	
ROHX0803M04-D67	H	4	3,18	8	11°	3,4																☉	
ROGX0803M04-G88	G	4	3,18	8	11°	3,4																	
ROGX10T3M08-G88	G	8	3,97	10	11°	3,9															☉	☉	
ROGX1204M08-G88	G	8	4,76	12	11°	4,4															☉	☉	
ROGX1605M08-G88	G	8	5,56	16	15°	5,5															☉	☉	
ROGX2006M08-G88	G	8	6,35	20	15°	6,5															☉	☉	



Ordering example for the grade WKK25G: ROMX10T3M0T8-A27 WKK25G

 HC = Coated carbide
HW = Uncoated carbide

Turning Insert Ceramic – Positive round RPGN



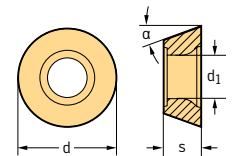
Indexable inserts

Designation	d mm	α	S	
			WIS10	WIS30
 RPGN090300E RPGN120400E	9,525	11°	☺	☹
	12,7	11°	☺	☹
 RPGN090300T01020 RPGN120400T01020	9,525	11°	☺	☹
	12,7	11°	☺	☹




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

CS = Uncoated ceramic SiAlON

Positive round RDGT / RDHW / RDMW / RDMT Tiger-tec® Gold



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d ₁ mm	P				M		K				N		S		H
							HC				HC		HC				HC	HW	HC		HC
							WH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WH15X	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSP45G
 RDGT0803M0-G88 RDGT10T3M0-G88 RDGT1204M0-G88 RDGT1605M0-G88 RDGT2006M0-G88	G	4	3,18	8	15°	3,4										☺	☺				
	G	4	3,97	10	15°	4,4										☺	☺				
	G	6	4,76	12	15°	4,4										☺	☺				
	G	6	5,56	16	15°	5,5										☺	☺				
 RDHW0803M0-A57 RDHW10T3M0-A57 RDHW1204M0-A57 RDHW1605M0-A57 RDHW2006M0-A57	H	4	3,18	8	15°	3,4	☺						☺						☺		
	H	4	3,97	10	15°	4,4	☺						☺						☺		
	H	6	4,76	12	15°	4,4	☺						☺						☺		
	H	6	5,56	16	15°	5,5	☺						☺						☺		
	H	6	6,35	20	15°	6,5	☺						☺						☺		
 RDMW0803M0T-A27 RDMW10T3M0T-A27 RDMW1204M0T-A27 RDMW1605M0T-A27 RDMW2006M0T-A27	M	4	3,18	8	15°	3,4				☹											
	M	4	3,97	10	15°	4,4		☹		☹											
	M	6	4,76	12	15°	4,4		☹	☹	☹											
	M	6	5,56	16	15°	5,5		☹	☹	☹											
	M	6	6,35	20	15°	6,5		☹	☹	☹											

Ordering example for the grade WK10: RDGT0803M0-G88 WK10

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

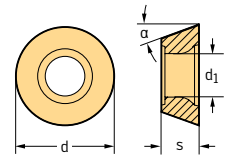
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

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


Positive indexable inserts D 305

D2

Positive round
RDGT / RDHW / RDMW / RDMT
Tiger-tec® Gold



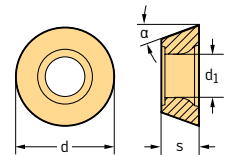
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d ₁ mm	P				M		K			N		S		H
							HC				HC		HC			HC	HW	HC		HC
							WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WHH15X	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G
 RDGT0803M0-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 WK10: RDGT0803M0-G88 WK10

HC = Coated carbide
 HW = Uncoated carbide

Positive round
RDHX / RDMX / RDGX
Tiger-tec® Gold



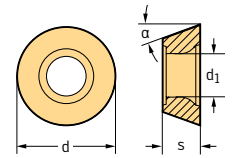
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d ₁ mm	P				M		K			N		S		H
							HC				HC		HC			HC	HW	HC		HC
							WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WHH15X	WKP25G	WKP25S	WKP35G	WKP35S	WK10	WSM35G
 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	☉												☉	
 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	☉													

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

Positive round RDHX / RDMX / RDGX Tiger-tec® Gold



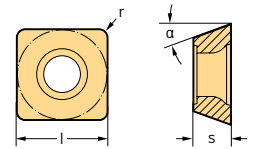
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d ₁ mm	P				M		K				N	S	H
							WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	HW
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

Positive square SCMT / SCGT / SCHAT Tiger-tec® Gold



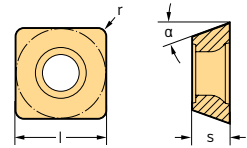
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	P			M	K	N	S	
							WKP35G	WKP35S	WSP45G	WSM45X	WSP45G	WKP35G	WKP35S	WN15
SCMT110502-G55	M	4	5,16	11,1	0,2	11°	☉	☉	☉	☉	☉	☉	☉	
SCMT110502-G55W	M	4	5,16	11,1	0,2	11°			☉	☉			☉	☉
SCMT110502-F55	M	4	5,16	11,1	0,2	11°	☉	☉	☉				☉	

Ordering example for the grade WKP35G: SCMT110502-G55 WKP35G

HC = Coated carbide
 HW = Uncoated carbide

Positive square
SCMT / SCGT / SCHAT
Tiger-tec® Gold



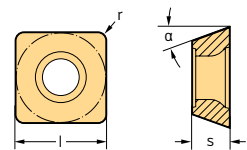
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	P			M		K		N		S	
							HC	HC	HC	HC	HC	HW	HC	HC			
							WKP35G	WKP35S	WSP45G	WSM45X	WSP45G	WKP35G	WKP35S	WXN15	WN15	WSM45X	WSP45G
SCMT110502-G51	G	4	5,16	11,1	0,2	11°	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
SCHAT110502-K85	H	4	5,16	11,1	0,2	11°								☹	☹		

Ordering example for the grade WKP35G: SCMT110502-G55 WKP35G

 HC = Coated carbide
HW = Uncoated carbide

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			M		K			N		S							
							HC	HC	HC	HC	HC	HC	HW	HC	HC									
							WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X	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°	☹	☹	☹							☹	☹	☹						☹

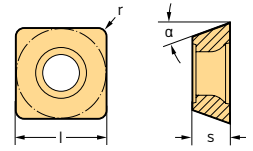
Ordering example for the grade WK10: SDHT06T204-G88 WK10

 HC = Coated carbide
HW = Uncoated carbide


WALTER SELECT

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

Positive square SDGT / SDMW / SDMT Tiger-tec® Gold



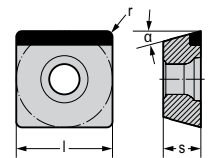
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	P				M				K				N		S			
							HC				HC				HC				HC	HW	HC			
							WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X	WSP45G	
 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

Positive square SDGW



Indexable inserts

Designation	Tolerance class	Number of cutting edges	l mm	s mm	α	r mm	N DP WDN20
 SDGW09T304-A88	G	1	9,52	3,97	15°	0,4	☺
SDGW120408-A88	G	1	12,7	4,76	15°	0,8	☺

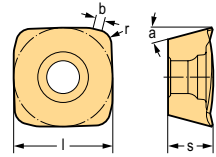
Ordering example for the grade WDN20: SDGW09T304-A88 WDN20

DP = Polycrystalline diamond





WALTER SELECT

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

Positive square SDMX Tiger-tec® Gold



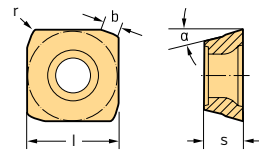
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P			M			K		S			
								HC			HC			HC		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

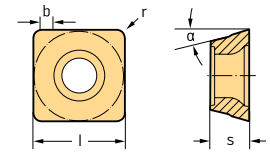
Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P			M	K	S	
								HC			HC	HC	HC	
								WKP35G	WKP35S	WSP45G	WSP45G	WKP35G	WKP35S	WSP45G
 SDMT06T2ZDR-D57	M	4	2,78	6,35	0,4	15°	1,2	☑	☑	☑	☑	☑	☑	☑
 SDMT09T3ZDR-D57	M	4	3,97	9,52	0,8	15°	1,2	☑	☑	☑	☑	☑	☑	☑
 SDMT1204ZDR-D57	M	4	4,76	12,7	0,8	15°	1,8	☑	☑	☑	☑	☑	☑	☑

Ordering example for the grade WKP35G: SDMT06T2ZDR-D57 WKP35G


HC = Coated carbide

D2

Positive square SDGT Tiger-tec® Gold



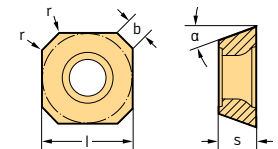
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P				M		K		S			
								HC				HC		HC		HC			
								WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G	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	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉



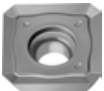


Ordering example for the grade WKP25S: SDGT06T2PDR-D57 WKP25S
 Ordering example for the grade WKP35G: SDGT06T2PDR-D57 WKP35G

HC = Coated carbide

Positive square SDMW / SDMT / SDET / SDGT Tiger-tec® Gold



Indexable inserts

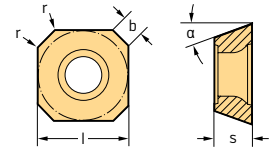
Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P				M		K			N		S							
								HC				HT	HC		HC			HC	HW	HC						
								WKP25S	WKP35G	WKP35S	WSP45G	WEP20	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X	WSP45G	
 SDMW09T3AZN-A57	M	4	3,97	9,52	0,3	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	☉	☉	☉	☉															

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

Positive square
SDMW / SDMT / SDET / SDGT
Tiger-tec® Gold



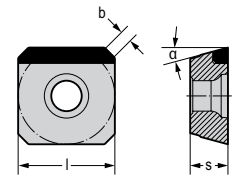
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P				M			K				N		S				
								WKP25S	WKP35G	WKP35S	WSP45G	WEP20	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X	WSP45G
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																	
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
SDGW



Indexable inserts

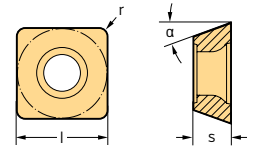
Designation	Tolerance class	Number of cutting edges	s mm	b mm	α	WDN20	N
							DP
SDGW09T3AZR-A88	G	1	3,97	1,2	15°		

Ordering example for the grade WDN20: SDGW09T3AZR-A88 WDN20

DP = Polycrystalline diamond

D2

Positive square
SPGT / SPHT / SPMW / SPMT / SDEB / SPEB
Tiger-tec® Gold



Indexable inserts								P		M		K			N		S	
Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	HC		HC		HC			HW	HC	HW	HC	
							WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKP25S	WKP35G	WKP35S	WKM	WXN15
SPGT120606-F57	G	4	6,35	12,7	0,6	11°												
SPHT060304-G88	H	4	3,18	6,35	0,4	11°												
SPHT09T308-G88	H	4	3,97	9,52	0,8	11°												
SPHT120408-G88	H	4	4,76	12,7	0,8	11°												
SPMW060304T-A27	M	4	3,18	6,35	0,4	11°												
SPMW09T308T-A27	M	4	3,97	9,52	0,8	11°												
SPMW120408T-A27	M	4	4,76	12,7	0,8	11°												
SPMW120606T-A27	M	4	6,35	12,7	0,6	11°												
SPMW060304-A57	M	4	3,18	6,35	0,4	11°												
SPMW09T308-A57	M	4	3,97	9,52	0,8	11°												
SPMW120408-A57	M	4	4,76	12,7	0,8	11°												
SPMT060304-D51	M	4	3,18	6,35	0,4	11°												
SPMT09T308-D51	M	4	3,97	9,52	0,8	11°												
SPMT120408-D51	M	4	4,76	12,7	0,8	11°												
SPMT120606-D51	M	4	6,35	12,7	0,6	11°												
SPMT120606-D57	M	4	6,35	12,7	0,6	11°												
SPMT060304-F55	M	4	3,18	6,35	0,4	11°												
SPMT09T308-F55	M	4	3,97	9,52	0,8	11°												
SPMT120408-F55	M	4	4,76	12,7	0,8	11°												
SDEB090308-A67	E	4	3,18	9,52	0,8	15°												
SPEB090308-A67	E	4	3,18	9,52	0,8	11°												
SPEB120308-A67	E	4	3,18	12,7	0,8	11°												
SPEB150408-A67	E	4	4,76	15,88	0,8	11°												
SPEB090308-A88	E	4	3,18	9,52	0,8	11°												
SPMW070308-A67	M	4	3,18	7,94	0,8	11°												
SPMW070308-A88	M	4	3,18	7,94	0,8	11°												

Ordering example for the grade WSM35G: SPGT120606-F57 WSM35G

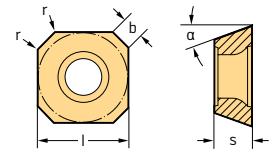
HC = Coated carbide
 HW = Uncoated carbide

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






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

D2

Positive square
SPGT / SPKT / SPMW / SPMT
Tiger-tec® Gold



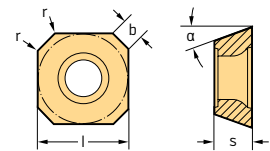
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P			M		K		N		S	
								WKP25S	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKP25S	WKP35S	WXN15	WK10	WSM35G
 SPGT1204AEN-K88	G	4	4,76	12,7		11°	1,5								☉	☉		
 SPKT1204AZN	K	4	4,76	12,7		11°	1,4	☉	☉	☉	☉	☉					☉	☉
 SPKT1504AZN	K	4	4,76	15,88		11°	1,7	☉									☉	☉
 SPMW1204AEN-A57	M	4	4,76	12,7	0,5	11°	1,4		☉									
 SPMT1204AEN	M	4	4,76	12,7	0,5	11°	1,4	☉	☉	☉								☉



Ordering example for the grade WK10: SPGT1204AEN-K88 WK10

 HC = Coated carbide
 HW = Uncoated carbide

Positive square
SDGT / SDHW / SDMW / SDMT
Tiger-tec® Gold



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P			M		K		N		S	
								WKP25S	WKP35S	WSP45G	WSM35G	WSP45G	WKP25S	WKP35S	WXN15	WK10	WSM35G	WSP45G
 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								☉	☉		

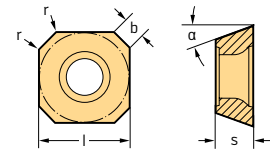
Ordering example for the grade WKP25S: SDGT09T3AEN-F57 WKP25S

Ordering example for the grade WKP35S: SDGT09T3AEN-F57 WKP35S

Ordering example for the grade WSM35G: SDGT09T3AEN-F57 WSM35G

 HC = Coated carbide
 HW = Uncoated carbide

Positive square
SDGT / SDHW / SDMW / SDMT
Tiger-tec® Gold



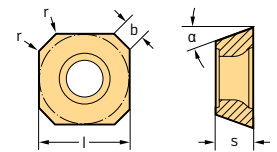
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P		M		K		N		S			
								HC	HC	HC	HC	HC	HW	HC	HC				
								WKP25S	WKP35S	WSP45G	WSM35G	WSP45G	WKP25S	WKP35S	WXN15	WK10	WSM35G	WSP45G	
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
 Ordering example for the grade WKP35S: SDGT09T3AEN-F57 WKP35S
 Ordering example for the grade WSM35G: SDGT09T3AEN-F57 WSM35G

HC = Coated carbide
 HW = Uncoated carbide

Positive square
SEHW / SEHT
Tiger-tec® Gold



Indexable inserts

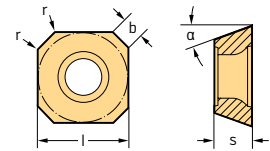
Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P		M		K		N		S					
								HC	HC	HC	HC	HC	HW	HC	HC						
								WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKP25S	WKP35G	WKP35S	WK10	WSM35G	WSP45G	
SEHW1204AFN	H	4	4,76	12,7	0,8	20°	2	☒	☒	☒				☒	☒	☒	☒				
SEHW1504AFN	H	4	4,76	15,9	0,8	20°	2,1	☒	☒	☒							☒				
SEHT1204AFN	H	4	4,76	12,7	0,8	20°	2			☒	☒	☒	☒				☒	☒	☒	☒	
SEHT1204AFN-K88	H	4	4,76	12,7	0,8	20°	1,8										☒				

Ordering example for the grade WAK15: SEHW1204AFN WAK15
 Ordering example for the grade WKP25S: SEHW1204AFN WKP25S
 Ordering example for the grade WKP35G: SEHW1204AFN WKP35G



HC = Coated carbide
 HW = Uncoated carbide

D2

Positive square SPJW / SPGT Tiger-tec® Gold



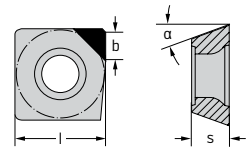
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P		M		K		S			
								HC	HC	HC	HC	HC	HC				
								WKP255	WKP355	WSP45G	WSM35G	WSP45G	WAK15	WKP255	WKP355	WSM35G	WSP45G
 SPJW1204EDR	J	4	4,76	12,7		11°	1,4	☺	☺				☺	☺	☺		
 SPGT1204EDR-F55	G	4	4,76	12,7	0,5	11°	1,3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺



Ordering example for the grade WAK15: SPJW1204EDR WAK15

HC = Coated carbide

Positive square SPHW



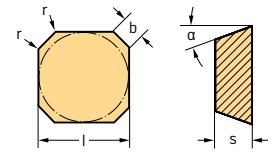
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	α	b mm	WCD10	N
								DP
 SPHW1204EDR-A88	H	1	4,76	12,7	11°	1,5	☺	
 SPHW1204PDR-A88	H	1	4,76	12,7	11°	1,5	☺	



Ordering example for the grade WCD10: SPHW1204EDR-A88 WCD10

DP = Polycrystalline diamond

Positive square
SEKN / SEKR
Tiger-tec® Silver



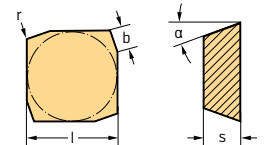
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P	K
								HC	HC
 SEKN1203AFN SEKN1504AFN	K	4	3,18	12,7	0,6	20°	1,9	WKP35S	WKP35S
	K	4	4,76	15,9	0,4	20°	2	HC	HC
 SEKR1203AFTN	K	4	3,18	12,7	0,4	20°	1,9	HC	HC


Ordering example for the grade WKP35S: SEKN1203AFN WKP35S

HC = Coated carbide

Positive square
SPFN



Indexable inserts

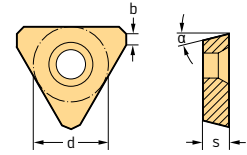
Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P	K
								HC	HC
 SPFN1204EDN	F	4	4,76	12,7	0,5	11°	1,7	WKP25S	WKP25S
								HC	HC

Ordering example for the grade WKP25S: SPFN1204EDN WKP25S

HC = Coated carbide

D2

Positive triangular TPAW / TPJW Tiger-tec® Silver



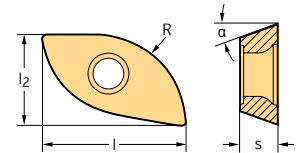
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P		K		
							HC	HC	HC	HC	
							WKP25S	WKP35S	WAK15	WKP25S	WKP35S
 TPAW1604PPN	A	3	4,76	9,52	11°	1,2	☑	☑	☑	☑	☑
 TPJW1604PPN	J	3	4,76	9,52	11°	1,2	☑	☑	☑	☑	☑
TPJW2204PPN	J	3	4,76	12,7	11°	1,2	☑	☑	☑	☑	☑



Ordering example for the grade WKP25S: TPAW1604PPN WKP25S

HC = Coated carbide

Positive form inserts XDGT / XDMT Tiger-tec® Gold



Tool

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	α	R mm	P		M		K		S				
								HC	HC	HC	HC	HC	HC					
								WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G	WSP45G
 XDGT1303080R-D57	G	2	3	13,12	8,5	15°	8	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT16T3100R-D57	G	2	3,74	15,93	9	15°	10	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT2004125R-D57	G	2	4,68	19,94	11,3	15°	12,5	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT2405150R-D57	G	2	5,62	23,94	13,5	15°	15	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT2506160R-D57	G	2	6	25,54	14,4	15°	16	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT3207200R-D57	G	2	7,5	31,95	18	15°	20	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT4009250R-D57	G	2	9,39	39,95	22,5	15°	25	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT1303079R-D57	G	2	3	13,12	8,5	15°	7,84	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT16T3095R-D57	G	2	3,74	15,93	9	15°	9,530	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT2004127R-D57	G	2	4,68	19,94	11,3	15°	12,7	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT3207191R-D57	G	2	7,5	31,95	18	15°	19,05	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT4009254R-D57	G	2	9,39	39,95	22,5	15°	25,4	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
 XDMT1303080R-F55	M	2	3	13,12	8,5	15°	8	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDMT16T3100R-F55	M	2	3,74	15,93	9	15°	10	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDMT2004125R-F55	M	2	4,68	19,94	11,3	15°	12,5	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDMT2405150R-F55	M	2	5,62	23,94	13,5	15°	15	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDMT2506160R-F55	M	2	6	25,54	14,4	15°	16	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDMT3207200R-F55	M	2	7,5	31,95	18	15°	20	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDMT4009250R-F55	M	2	9,39	39,95	22,5	15°	25	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑

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

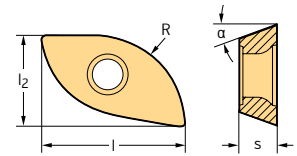
WALTER SELECT

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

Positive form inserts

XDGT / XDMT

Tiger-tec® Gold



Tool

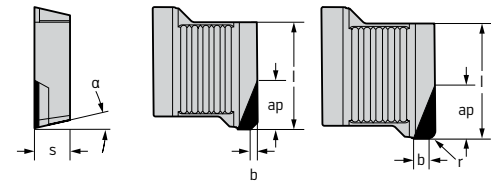
Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	α	R mm	P				M		K		S		
								HC				HC		HC		HC		
								WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKP255	WKP35G	WKP35S	WSM35G	WSP45G
XDMT1303079R-F55	M	2	3	13,12	8,5	15°	7,920											
XDMT16T3095R-F55	M	2	3,74	15,93	9	15°	9,530											
XDMT2004127R-F55	M	2	4,68	19,94	11,3	15°	12,7											
XDMT2506159R-F55	M	2	6	25,54	14,4	15°	15,880											
XDMT3207191R-F55	M	2	7,5	31,95	18	15°	19,05											
XDMT4009254R-F55	M	2	9,39	39,95	22,5	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

PCD indexable inserts

XOEN



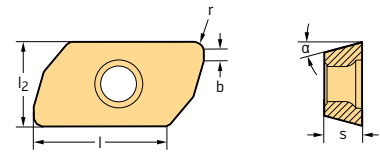
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	a _p mm	WDN20	N
										DP
XOEN12T308R-A-A88	E	1	4	12,11	0,8	13°	1,2	5		
XOEN12T3AZR-A-A88	E	1	4	12,21		13°	0,8	5,1		
XOEN12T308R-F-A88	E	1	4	12,11	0,8	13°	1,2	10,3		


Ordering example for the grade WDN20: XOEN12T308R-A-A88 WDN20

DP = Polycrystalline diamond

Positive rhombic ZDGT



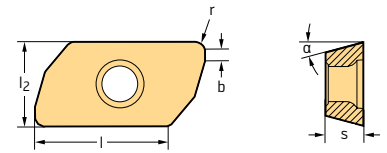
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	α	b mm	N		
									HC	HW	
									WN15	WX15	WK10
 ZDGT150404R-K85	G	2	4,76	16,2	10,5	0,4	15°	1,2	☺	☺	☺
ZDGT150408R-K85	G	2	4,76	16,2	10,5	0,8	15°	1,2	☺	☺	☺
ZDGT150412R-K85	G	2	4,76	16,2	10,5	1,2	15°	1,2	☺	☺	☺
ZDGT150416R-K85	G	2	4,76	16,2	10,5	1,6	15°	1,2	☺	☺	☺
ZDGT150420R-K85	G	2	4,76	16,2	10,5	2	15°	1,2	☺	☺	☺
ZDGT150430R-K85	G	2	4,76	16,2	10,5	3	15°	1,2	☺	☺	☺
ZDGT150440R-K85	G	2	4,76	16,2	10,5	4	15°	1,2	☺	☺	☺
ZDGT200508R-K85	G	2	5,56	21,2	14	0,8	15°	1,2	☺		☺
ZDGT200512R-K85	G	2	5,56	21,2	14	1,2	15°	1,2			☺
ZDGT200516R-K85	G	2	5,56	21,2	14	1,6	15°	1,2			☺
ZDGT200520R-K85	G	2	5,56	21,2	14	2	15°	1,2	☺		☺
ZDGT200530R-K85	G	2	5,56	21,2	14	3	15°	1,2	☺		☺
ZDGT200540R-K85	G	2	5,56	21,2	14	4	15°	1,2	☺		☺
ZDGT200550R-K85	G	2	5,56	21,2	14	5	15°	1,2			☺
ZDGT200560R-K85	G	2	5,56	21,2	14	6	15°	1,2			☺
ZDGT200564R-K85	G	2	5,56	21,2	14	6,4	15°	1,2			☺


ZDGT1504 and ZDGT2005 insertable in Ramping-Cutter M2131
Ordering example for the grade WK10: ZDGT150404R-K85 WK10

HC = Coated carbide
HW = Uncoated carbide

Positive rhombic ZDGT



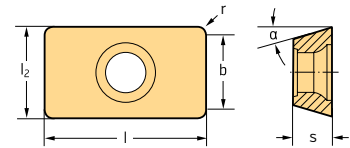
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	α	b mm	N
									HW
 ZDGT15A404R-K85	G	2	4,76	16,2	10,5	0,4	15°	1,2	☺
ZDGT15A408R-K85	G	2	4,76	16,2	10,5	0,8	15°	1,2	☺
ZDGT15A412R-K85	G	2	4,76	16,2	10,5	1,2	15°	1,2	☺
ZDGT15A416R-K85	G	2	4,76	16,2	10,5	1,6	15°	1,2	☺
ZDGT15A420R-K85	G	2	4,76	16,2	10,5	2	15°	1,2	☺
ZDGT15A430R-K85	G	2	4,76	16,2	10,5	3	15°	1,2	☺
ZDGT15A440R-K85	G	2	4,76	16,2	10,5	4	15°	1,2	☺
ZDGT20A508R-K85	G	2	5,56	21,2	14	0,8	15°	1,2	☺
ZDGT20A516R-K85	G	2	5,56	21,2	14	1,6	15°	1,2	☺
ZDGT20A520R-K85	G	2	5,56	21,2	14	2	15°	1,2	☺
ZDGT20A530R-K85	G	2	5,56	21,2	14	3	15°	1,2	☺
ZDGT20A540R-K85	G	2	5,56	21,2	14	4	15°	1,2	☺
ZDGT20A550R-K85	G	2	5,56	21,2	14	5	15°	1,2	☺


ZDGT15A4 and ZDGT20A5 insertable in Ramping-Cutter M2131 and M2331
 Ordering example for the grade WMG40: ZDGT15A404R-K85 WMG40

HW = Uncoated carbide

Finishing inserts ADGX Tiger-tec® Gold



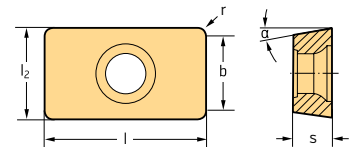
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	α	b mm	P			M		K			
									W	H	C	W	H	W	H	C	
 ADGX10T3PER-F56 ADGX1606PER-F56	G	2	3,8	11,3	7,25	0,8	15°	5	W	H	C	W	H	C	W	H	C
	G	2	6,15	17,5	10,8	0,8	15°	8									


Ordering example for the grade WHH15: ADGX10T3PER-F56 WHH15
 Ordering example for the grade WPM15G: ADGX10T3PER-F56 WPM15G

HC = Coated carbide

Positive rhombic BCGX Tiger-tec® Gold



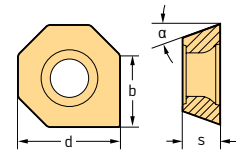
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	α	b mm	P			M		K		H	
									W	H	C	W	H	W	H	C	
 BCGX0903PDR-G55 BCGX1605PDR-G55	G	2	3,21	10,3	6,3	0,4	7°	5	W	H	C	W	H	C	W	H	C
	G	2	5,81	17,3	9,9	0,8	7°	8									




Ordering example for the grade WAK15: BCGX0903PDR-G55 WAK15
 Ordering example for the grade WHH15X: BCGX0903PDR-G55 WHH15X
 Ordering example for the grade WPM15G: BCGX0903PDR-G55 WPM15G

HC = Coated carbide

Finishing inserts ODHX Tiger-tec® Gold



Indexable inserts

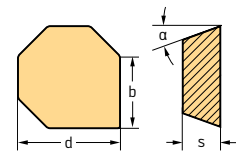
Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P				M		K			H		
							HC				HC		HC			HC		
							WHH15X	WPM15G	WXM15	WKP35S	WPM15G	WXM15	WAK15	WHH15X	WPM15G	WXM15	WKP35S	WHH15X
 ODHX0504ZZR-A57	H	1	4,76	12,7	15°	7,2	☺	☺	☺	☺			☺	☺	☺	☺	☺	☺
ODHX0605ZZR-A57	H	1	5,56	15,88	15°	9,4	☺	☺	☺	☺			☺	☺	☺	☺	☺	☺
 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

Finishing inserts OPHX Tiger-tec® Gold



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P				M		K			H		
							HC				HC		HC			BH	HC	BH
							WHH15X	WPM15G	WXM15	WPM15G	WXM15	WAK15	WHH15X	WPM15G	WXM15	WCB80	WHH15X	WCB80
 OPHX0504ZZR-A27	H	1	4,76	12,7	11°	7,8											☺	☺
 OPHX0504ZZN-A57	H	8	4,76	12,7	11°	5	☺					☺	☺					☺
 OPHX0504ZZR-A57	H	1	4,76	12,7	11°	7,8						☺						

Ordering example for the grade WCB80: OPHX0504ZZR-A27 WCB80

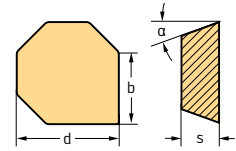
HC = Coated carbide
BH = CBN with high CBN content

D2

Finishing inserts

OPHX

Tiger-tec® Gold



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P			M		K			H	
							WHH15X	WPM15G	WXM15	WPM15G	WXM15	WAK15	WHH15X	WPM15G	WXM15	WCB80
OPHX0504ZZN-A88	H	8	4,76	12,7	11°	5	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹



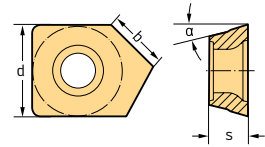
Ordering example for the grade WCB80: OPHX0504ZZR-A27 WCB80

 HC = Coated carbide
 BH = CBN with high CBN content

Positive square

SDHX

Tiger-tec® Gold



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P			M		K			H
							WHH15X	WPM15G	WXM15	WPM15G	WXM15	WAK15	WHH15X	WPM15G	WXM15
SDHX09T3AZR-A88	H	1	3,97	9,52	15°	5,6	☹	☹	☹	☹	☹	☹	☹	☹	☹
SDHX1204AZR-A88	H	1	4,76	12,7	15°	7,5	☹	☹	☹	☹	☹	☹	☹	☹	☹



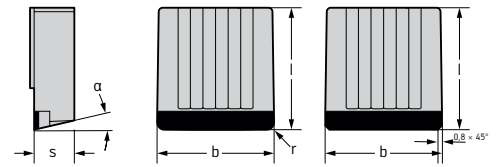
Ordering example for the grade WAK15: SDHX09T3AZR-A88 WAK15

Ordering example for the grade WHH15X: SDHX09T3AZR-A88 WHH15X


Ordering example for the grade WPM15G: SDHX09T3AZR-A88 WPM15G

HC = Coated carbide

PCD finishing inserts XOEX



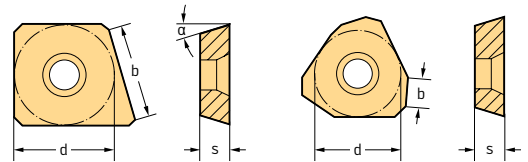
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	N	
								DP	WDN20
 XOEX12T308N-F-A88	E	1	4	12.16	0.8	13°	11.8	☺	☺
XOEX12T3AZR-F-A88	E	1	4	12.16	0.8	13°	11.8	☺	☺





Ordering example for the grade WDN20: XOEX12T308N-F-A88 WDN20

DP = Polycrystalline diamond

Finishing inserts P2901 / P2903 / P2905 / SPHX Tiger-tec® Gold



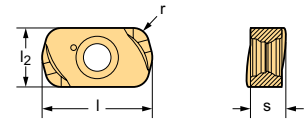
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P		M		K			N		H
							HC	HC	HC	HC	HW	DP	HC			
 P2901-1R	H	1	4.76	12.7	11°	11	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
 P2903-2R	A	3	4.76	9.52	11°	3.5	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
 P2905-1	F	4	4.76	12.7	11°	10	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
 SPHX1204PDR-A88	H	1	4.76	12.7	11°	3.5									☺	



Ordering example for the grade WAK15: P2901-1R WAK15
 Ordering example for the grade WHH15X: P2901-1R WHH15X
 Ordering example for the grade WK10: P2901-1R WK10
 Ordering example for the grade WPM15G: P2901-1R WPM15G

HC = Coated carbide
 HW = Uncoated carbide
 DP = Polycrystalline diamond

Negative rhombic ENMX Tiger-tec® Gold



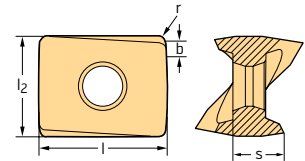
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	P				M			K				S		H			
							HC				HC			HC				HC		HC			
							WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSM45X	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 rhombic LNGX Tiger-tec® Gold



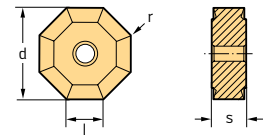
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	b mm	P				M			K				N		S		
								HC				HC			HC				HC HW		HC		
								WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSP45G	
 LNGX130708R-L55	G	4	7,74	13,7	11	0,8	1,2	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
 LNGX130712R-L55	G	4	7,74	13,7	11	1,2	1	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
 LNGX130716R-L55	G	4	7,74	13,7	11	1,6	0,9	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
 LNGX130720R-L55	G	4	7,74	13,7	11	2	0,7	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
 LNGX130725R-L55	G	4	7,74	13,7	11	2,5	0,6	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
 LNGX130730R-L55	G	4	7,74	13,7	11	3	0,7	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
 LNGX130708R-L88	G	4	7,74	13,7	11	0,8	1,2	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒

Ordering example for the grade WAK15: LNGX130708R-L55 WAK15
Ordering example for the grade WKK25G: LNGX130708R-L55 WKK25G

HC = Coated carbide
HW = Uncoated carbide

Negative octagonal ONHF Tiger-tec® Silver



Indexable inserts

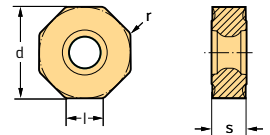
Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	P		K		H
							HC	HC	HC	HC	
ONHF050408-F67	H	16	4,76	12,7	5,26	0,8	WHP15X WKP25S	WAK15 WHP15X WKP25S	WHP15X	HC	



Ordering example for the grade WAK15: ONHF050408-F67 WAK15

HC = Coated carbide

Negative octagonal ONHU / ONMU Tiger-tec® Gold



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	P		M	K	S
							HC	HC	HC	HC	HC
ONHU050408-F67	H	16	4,86	12,7	5,26	0,8	WKP35G WSP45G	WSM35G WSP45G	WKP35G WSM35G	WSP45G	
ONMU050408-D57	M	16	4,86	12,7	5,26	0,8	WKP35G WSP45G	WSM35G WSP45G	WKP35G WSM35G	WSP45G	



Ordering example for the grade WKP35G: ONHU050408-F67 WKP35G

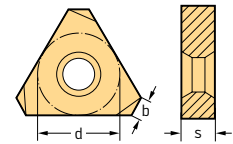
HC = Coated carbide

D2



Wendelnovex® inserts

P2352 / P23522

Tiger-tec® Silver



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P		K	
						HC	HC	HC	HC
						WKP25S	WKP35S	WKP25S	WKP35S
 P2352-1R P2352-2R	A	6	4,5	15	1,1	☺	☺	☺	☺
	A	6	4,5	18	1,1	☺	☺	☺	☺
 P23522-1R	A	6	4,5	15	1,1	☺	☺	☺	☺

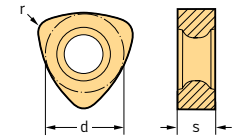
Ordering example for the grade WKP25S: P2352-1R WKP25S

HC = Coated carbide


Negative triangular

P23696

Tiger-tec® Gold



Indexable inserts

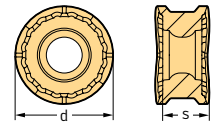
Designation	Tolerance class	Number of cutting edges	s mm	d mm	r mm	P		M	K		S
						HC	HC	HC	HC	HC	
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G
 P23696-1.0 P23696-2.0	M	6	5,31	9,52	1,2	☺	☺	☺	☺	☺	☺
	M	6	7,41	13,5	1,6	☺	☺	☺	☺	☺	☺

 Ordering example for the grade WKP25S: P23696-1.0 WKP25S
 Ordering example for the grade WKP35G: P23696-1.0 WKP35G



HC = Coated carbide

D2

Negative round RNMX Tiger-tec® Gold



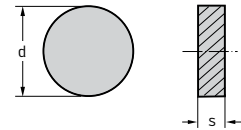
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	P		M		S	
					HC	WSP45G	HC	WSM35G	HC	WSM35G
 RNMX1005M0-G57 RNMX1206M0-G57	M	8	4,69	10	☑	☑	☑	☑	☑	☑
	M	8	5,64	12	☑	☑	☑	☑	☑	☑
 RNMX1005M0-K67 RNMX1206M0-K67	M	8	4,69	10	☑	☑	☑	☑	☑	☑
	M	8	5,64	12	☑	☑	☑	☑	☑	☑



Ordering example for the grade WSM35G: RNMX1005M0-G57 WSM35G

HC = Coated carbide

Turning Insert Ceramic – Negative round RNGN



Indexable inserts

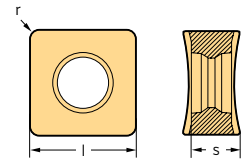
Designation	d mm	S		
		CS	CR	WWS20
 RNGN120700E	12,7	☑	☑	☑
 RNGN120700T01020 RNGN150700T01020	12,7	☑	☑	☑
	15,875			☑

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






CS = Uncoated ceramic SiAlON
CR = Reinforced ceramic

D2

Negative square SNGX / SNMX Tiger-tec® Gold



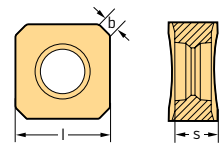
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	P				M		K				S			
						HC				HC		HC				HC			
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSP45G	
 SNGX120512-F57	G	8	5,6	12,7	1,2	☉	☉	☉	☉	☉	☉			☉	☉	☉	☉	☉	☉
 SNMX120512-D27	M	8	5,55	12,7	1,2	☉	☉	☉					☉	☉	☉	☉			
SNMX120520-D27	M	8	5,55	12,7	2	☉	☉	☉					☉	☉	☉	☉			
 SNMX090408-F27	M	8	4,87	9,52	0,8	☉	☉	☉					☉	☉	☉	☉			
SNMX120512-F27	M	8	5,65	12,7	1,2	☉	☉	☉					☉	☉	☉	☉			
SNMX160620-F27	M	8	6,38	16	2	☉	☉	☉					☉	☉	☉	☉			
 SNMX090408-F57	M	8	4,85	9,52	0,8	☉	☉	☉	☉	☉	☉		☉	☉	☉	☉	☉	☉	☉
SNMX120512-F57	M	8	5,5	12,7	1,2	☉	☉	☉	☉	☉	☉		☉	☉	☉	☉	☉	☉	☉
SNMX120520-F57	M	8	5,5	12,7	2	☉	☉	☉	☉	☉	☉		☉	☉	☉	☉	☉	☉	☉
SNMX160620-F57	M	8	6,38	16	2	☉	☉	☉					☉	☉	☉	☉			☉
SNMX160640-F57	M	8	6,38	16	4			☉											☉
 SNMX090408-F67	M	8	4,87	9,52	0,8			☉	☉	☉	☉								☉
SNMX120512-F67	M	8	5,63	12,7	1,2	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉

Ordering example for the grade WKP25S: SNGX120512-F57 WKP25S
Ordering example for the grade WKP35G: SNGX120512-F57 WKP35G


HC = Coated carbide

Negative square SNGX / SNHX / SNMX Tiger-tec® Gold



D2

Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P				M		K				N		S			
						HC				HC		HC				HC HW		HC			
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSP45G	
 SNGX1205ANN-F27	G	8	5,59	12,7	1,5	☉	☉	☉						☉	☉	☉					

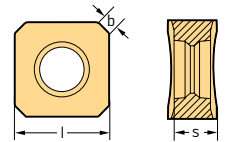
Ordering example for the grade WKP25S: SNGX1205ANN-F27 WKP25S
Ordering example for the grade WKP35G: SNGX1205ANN-F27 WKP35G

HC = Coated carbide
HW = Uncoated carbide

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		M		K			N		S	
						HC		HC		HC			HC	HW	HC	
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S
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	☺	☺	☺	☺		☺	☺	☺			☺

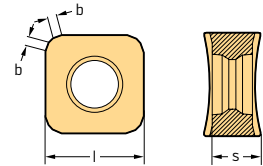
Ordering example for the grade WKP25S: SNGX1205ANN-F27 WKP25S
 Ordering example for the grade WKP35G: SNGX1205ANN-F27 WKP35G

HC = Coated carbide
 HW = Uncoated carbide





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

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

Negative square SNGX / SNMX Tiger-tec® Gold



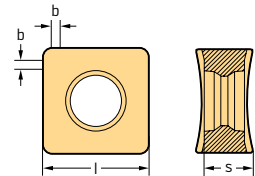
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P				M		K				S			
						HC				HC		HC				HC			
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSP45G	
 SNGX1205ENN-F27	G	8	5,65	12,7	1,2	☺	☺	☺	☺	☺	☺			☺	☺	☺			
 SNGX1205ENN-F57	G	8	5,61	12,7	1,2	☺	☺	☺	☺	☺	☺			☺	☺	☺	☺	☺	☺
 SNGX1205ENN-F67	G	8	5,64	12,7	1,2	☺	☺	☺	☺	☺	☺	☺		☺	☺	☺	☺	☺	☺
 SNMX1205ENN-F57	M	8	5,61	12,7	1,2	☺	☺							☺	☺				




Ordering example for the grade WKP25S: SNGX1205ENN-F27 WKP25S
Ordering example for the grade WKP35G: SNGX1205ENN-F27 WKP35G

HC = Coated carbide

Negative square SNGX / SNHX / SNMX Tiger-tec® Gold



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P				M		K				N		S			
						HC				HC		HC				HC HW		HC			
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSP45G	
 SNGX1205ZNN-F27	G	8	5,77	12,7	1,2	☺	☺	☺						☺	☺	☺					
 SNGX0904ZNN-F57	G	8	4,9	9,52	1	☺	☺						☺	☺	☺						
 SNGX1205ZNN-F57	G	8	5,77	12,7	1,2	☺	☺	☺	☺	☺	☺			☺	☺	☺			☺	☺	

Ordering example for the grade WKP25S: SNGX1205ZNN-F27 WKP25S
Ordering example for the grade WKP35G: SNGX1205ZNN-F27 WKP35G

HC = Coated carbide
HW = Uncoated carbide

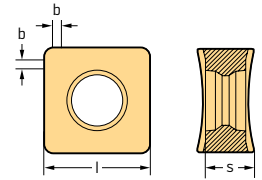
WALTER SELECT

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





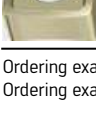



Negative square

SNGX / SNHX / SNMX

Tiger-tec® Gold



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P		M		K			N		S						
						HC	HC	HC	HC	HC	HW	HC									
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSP45G	
 SNGX0904ZNN-F67	G	8	4,93	9,52	1	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
 SNGX1205ZNN-F67	G	8	5,8	12,7	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
 SNHX0904ZNN-K88	H	8	5,01	9,52	1												☺	☺			
 SNHX1205ZNN-K88	H	8	5,89	12,7	1,2												☺	☺			
 SNMX0904ZNN-F27	M	8	4,93	9,52	1		☺							☺							
 SNMX0904ZNN-F57	M	8	4,91	9,52	1	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺					☺
 SNMX1205ZNN-F57	M	8	5,77	12,7	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺					☺
 SNMX0904ZNN-F67	M	8	4,93	9,52	1					☺	☺										☺

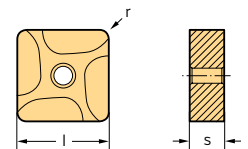
Ordering example for the grade WKP25S: SNGX1205ZNN-F27 WKP25S
 Ordering example for the grade WKP35G: SNGX1205ZNN-F27 WKP35G

HC = Coated carbide
 HW = Uncoated carbide


Negative square

SNEF

Tiger-tec® Gold



Indexable inserts

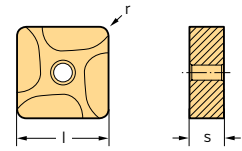
Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	b mm	P		K	
							HC	HC	HC	HC
							WKP35G	WKK25G	WKP25S	WKP35G
 SNEF120408R-B67	E	8	4,76	12,7	0,8	2,1	☺	☺	☺	☺

Ordering example for the grade WKK25G: SNEF120408R-B67 WKK25G




HC = Coated carbide

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

Negative square SNEX Tiger-tec® Silver



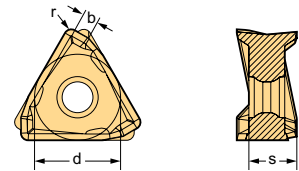
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	P	K
						HC	HC
 SNEX15T612R-B67	E	8	7,1	15,88	1,2	WKP35S	WKP35S
							


































Ordering example for the grade WKP35S: SNEX15T612R-B67 WKP35S

HC = Coated carbide

Negative triangular TNMU Tiger-tec® Gold



Indexable inserts

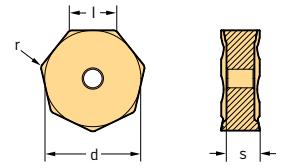
Designation	Tolerance class	Number of cutting edges	s mm	d mm	r mm	b mm	P				M	K		S	
							HC	HC	HC	HC	HC	HC	HC		
 TNMU11T304R-G57 TNMU160508R-G57	M	6	3,75	6,72	0,4	1	WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G
															
 TNMU11T304R-G27 TNMU11T308R-G27 TNMU160508R-G27 TNMU160512R-G27 TNMU160516R-G27	M	6	3,75	6,72	0,4	1									
	M	6	3,75	6,72	0,8	0,8									
	M	6	5,35	9,6	0,8	1,6									
	M	6	5,35	9,6	1,2	1,3									
	M	6	5,35	9,6	1,6	0,9									

Ordering example for the grade WKP25S: TNMU11T304R-G57 WKP25S







Ordering example for the grade WKP35G: TNMU11T304R-G57 WKP35G

HC = Coated carbide

Negative heptagonal XNHF / XNMF Tiger-tec® Gold



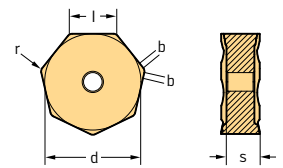
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	P			K				
							HC			HC				
							WKP25S	WKP35G	WKP35S	WAK15	WKK25G	WKP25S	WKP35G	WKP35S
 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	☺	☺		☺	☺	☺	☺
 XNHF070508-D67	H	14	5	14,5	7	0,8				☺	☺			
 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

Negative heptagonal XNHF Tiger-tec® Gold



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	b mm	P			K				
								HC			HC				
								WKP25S	WKP35G	WKP35S	WAK15	WKK25G	WKP25S	WKP35G	WKP35S
 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	☺			☺	☺	☺	

Ordering example for the grade WKK25G: XNHF0705ANN-D27 WKK25G

HC = Coated carbide

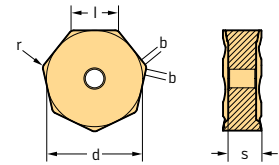
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = ☺ → Poor = ☺ machining conditions

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




Negative indexable inserts D 335

D2

Negative heptagonal XNHF Tiger-tec® Gold



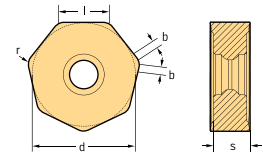
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	b mm	P			K				
								HC			HC				
								WKP25S	WKP35G	WKP35S	WAK15	WKK25G	WKP25S	WKP35G	WKP35S
 XNHF0705ANN-D57	H	14	5	14,5	7	0,8	1,1	☺	☺	☺		☺	☺	☺	☺
 XNHF0906ANN-D57	H	14	5,68	19,05	9	0,8	1,4	☺	☺	☺		☺	☺	☺	☺
 XNHF0705ANN-D67	H	14	5	14,5	7	0,8	1,1				☺				








Ordering example for the grade WKK25G: XNHF0705ANN-D27 WKK25G

HC = Coated carbide

Negative heptagonal XNGU / XNMU Tiger-tec® Gold



Indexable inserts

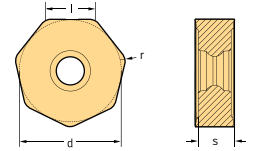
Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	b mm	P			M			K			S				
								HC			HC			HC			HC				
								WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSM45X	WSP45G
 XNGU0705ANN-F57	G	14	5	14,5	6,98	0,8	1,1	☺	☺	☺	☺	☺			☺	☺	☺	☺	☺		☺
 XNMMU0705ANN-F27	M	14	5	14,5	6,98	0,8	1,1	☺	☺	☺					☺	☺	☺	☺			
 XNMMU0906ANN-F27	M	14	5,88	19,05	9,18	0,8	1,4		☺	☺					☺	☺	☺	☺			
 XNMMU0705ANN-F57	M	14	5	14,5	6,98	0,8	1,1	☺	☺	☺	☺	☺			☺	☺	☺	☺	☺		☺
 XNMMU0906ANN-F57	M	14	5,88	19,05	9,18	0,8	1,4	☺	☺	☺	☺	☺			☺	☺	☺	☺	☺		☺
 XNMMU0705ANN-F67	M	14	5	14,5	6,98	0,8	1,1	☺	☺		☺	☺			☺	☺	☺	☺	☺		☺
 XNMMU0906ANN-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

Negative heptagonal XNMU Tiger-tec® Gold



Indexable inserts

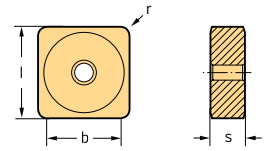
Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	P				M		K		S	
							HC				HC		HC		HC	
							WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G
XNMU070508-F57	M	14	5	14,5	6,98	0,8	☺	☹	☹	☹	☹	☹	☹	☹	☹	☹
XNMU090612-F57	M	14	5,88	19,05	9,18	1,2	☺	☹	☹	☹	☹	☹	☹	☹	☹	☹




Ordering example for the grade WKP25S: XNMU070508-F57 WKP25S
 Ordering example for the grade WKP35G: XNMU070508-F57 WKP35G

HC = Coated carbide

Finishing inserts SNEF



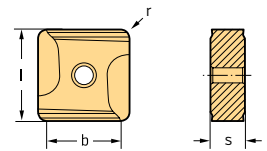
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	b mm	Material	
							K HC	H HC
 SNEF1204PNN-A27	E	8	4,76	12,7	1,2	10,3	WHH15X	WHH15X
							☺	☺


Ordering example for the grade WHH15X: SNEF1204PNN-A27 WHH15X

HC = Coated carbide

Finishing inserts SNEX



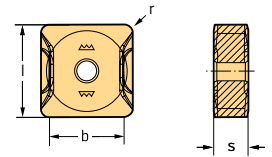
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	b mm	Material		
							WAK15	WHH15X	WHH15X
 SNEX1204PNR-B67	E	4	4,76	12,7	0,8	10,8	K	H	
							HC	HC	
							☺	☺	☺


Ordering example for the grade WAK15: SNEX1204PNR-B67 WAK15

HC = Coated carbide

Finishing inserts SNEX



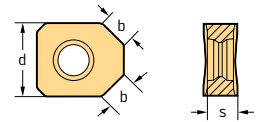
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	b mm	Material		
							WAK15	WHH15X	WHH15X
 SNEX1204PNN-A27	E	4	4,76	12,7	1,2	10,3	K	H	
							HC	HC	
							WAK15	WHH15X	WHH15X
							☺	☺	☺


Ordering example for the grade WAK15: SNEX1204PNN-A27 WAK15

HC = Coated carbide

Finishing inserts XNGX Tiger-tec® Gold



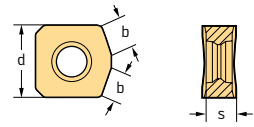
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P			M			K			H
						WHH15X	WPM15G	WXM15	WPM15G	WXM15	WAK15	WHH15X	WPM15G	WXM15	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
Ordering example for the grade WPM15G: XNGX0904ANN-F67 WPM15G

HC = Coated carbide

Finishing inserts XNGX Tiger-tec® Gold



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P		M		K		H			
						HC	HC	HC	HC	HC	HC				
						WHH15X	WPM15G	WXM15	WPM15G	WXM15	WAK15	WHH15X	WPM15G	WXM15	WHH15X
 XNGX1205ENN-F67	G	2	5,42	12,7	4,5	☺	☹	☺	☹	☺	☺	☺	☹	☹	☺

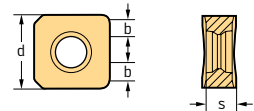
Ordering example for the grade WAK15: XNGX1205ENN-F67 WAK15

Ordering example for the grade WHH15X: XNGX1205ENN-F67 WHH15X


Ordering example for the grade WPM15G: XNGX1205ENN-F67 WPM15G

HC = Coated carbide

Finishing inserts XNGX Tiger-tec® Gold



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P		M		K		H			
						HC	HC	HC	HC	HC	HC				
						WHH15X	WPM15G	WXM15	WPM15G	WXM15	WAK15	WHH15X	WPM15G	WXM15	WHH15X
 XNGX0904ZNN-F67	G	2	4,83	9,52	3,5	☺	☹	☺	☹	☺	☺	☺	☹	☹	☺
XNGX1205ZNN-F67	G	2	5,62	12,7	4	☺	☹	☺	☹	☺	☺	☺	☹	☹	☺

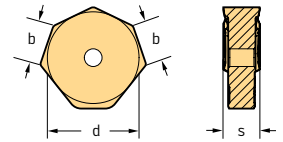
Ordering example for the grade WAK15: XNGX0904ZNN-F67 WAK15

Ordering example for the grade WHH15X: XNGX0904ZNN-F67 WHH15X

Ordering example for the grade WPM15G: XNGX0904ZNN-F67 WPM15G

HC = Coated carbide

Finishing inserts XNHX



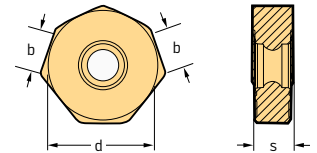
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	Material		
						WAK15	WHH15X	WHH15X
XNHX0705ANN-D67	H	2	4,97	14,5	5,8	☉	☉	☉
XNHX0906ANN-D67	H	2	5,57	19,05	7,5	☉	☉	☉

Ordering example for the grade WAK15: XNHX0705ANN-D67 WAK15

HC = Coated carbide

Finishing inserts XNGX Tiger-tec® Gold



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P			M		K			H
						WHH15X	WPM15G	WXM15	WPM15G	WXM15	WAK15	WHH15X	WPM15G	WXM15
XNGX0705ANN-F67	G	2	5	14,5	5,7	☉	☉	☉	☉	☉	☉	☉	☉	☉

Ordering example for the grade WAK15: XNGX0705ANN-F67 WAK15

Ordering example for the grade WHH15X: XNGX0705ANN-F67 WHH15X

Ordering example for the grade WPM15G: XNGX0705ANN-F67 WPM15G

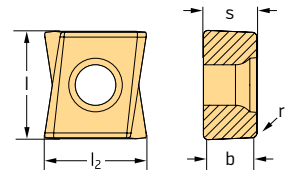
HC = Coated carbide

D2


Finishing inserts

LNHX

Tiger-tec® Gold



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	b mm	P			M			K			H
								HC			HC			HC			HC
 LNHX0904PDR-L55T LNHX1306PDR-L55T	H	2	4,5	9	8,5	0,4	3,5	WHH15X	WPM15G	WXM15	WPM15G	WXM15	WAK15	WHH15X	WPM15G	WXM15	WHH15X
									☺	☺	☺	☺	☺	☺	☺	☺	☺

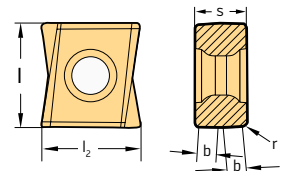
Ordering example for the grade WAK15: LNHX0904PDR-L55T WAK15
 Ordering example for the grade WHH15X: LNHX0904PDR-L55T WHH15X
 Ordering example for the grade WPM15G: LNHX0904PDR-L55T WPM15G

HC = Coated carbide


Finishing inserts

LNHX

Tiger-tec® Gold



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	b mm	P			M			K			H
								HC			HC			HC			HC
 LNHX130608R-L55T	H	4	6,8	13	12	0,8	2,2	WHH15X	WPM15G	WXM15	WPM15G	WXM15	WAK15	WHH15X	WPM15G	WXM15	WHH15X
									☺	☺	☺	☺	☺	☺	☺	☺	☺

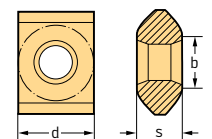
Ordering example for the grade WAK15: LNHX130608R-L55T WAK15
 Ordering example for the grade WHH15X: LNHX130608R-L55T WHH15X
 Ordering example for the grade WPM15G: LNHX130608R-L55T WPM15G

HC = Coated carbide


Finishing inserts

P45420

Tiger-tec® Gold



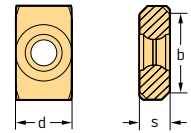
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P			M			K			H
						HC			HC			HC			HC
 P45420-G67	H	4	4,76	9,52	7	WHH15X	WPM15G	WXM15	WPM15G	WXM15	WHH15X	WPM15G	WXM15	WHH15X	


Ordering example for the grade WHH15X: P45420-G67 WHH15X
 Ordering example for the grade WPM15G: P45420-G67 WPM15G

HC = Coated carbide

Finishing inserts P45424



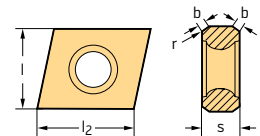
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P		K		H	
						HC	WHP15X	HC	WAK15	HC	WHP15X
 P45424-1-G67	G	4	5	12	8	☺	☺	☺	☺	☺	☺
P45424-2-G67	G	4	6,5	20	15	☺	☺	☺	☺	☺	☺












Ordering example for the grade WAK15: P45424-1-G67 WAK15

HC = Coated carbide

Tangential rhombic CNHQ / CNHU / CNMQ / CNMU Tiger-tec® Gold



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	b mm	P		M		K		S	
								HC	WKP25S	HC	WSP45G	HC	WKP35S	HC	WSP35G
 CNHQ0805PPN-A57T	H	2	5	8	9	0,8	1,2	☺				☺			
 CNHU0805PPN-D57T	H	2	5	8	9	0,8	1,2	☺	☺	☺		☺	☺	☺	☺
 CNHU1206PPN-D57T	H	2	6,5	12	13	0,8	1,5	☺	☺	☺		☺	☺	☺	☺
 CNMQ120608T-A27T	M	2	6,5	12	13	0,8		☺				☺			
 CNMQ160812T-A27T	M	2	8	16	15	1,2		☺				☺			
 CNMQ080508-A57T	M	2	5	8	9	0,8		☺				☺			
 CNMQ120608-A57T	M	2	6,5	12	13	0,8		☺				☺			
 CNMQ160812-A57T	M	2	8	16	15	1,2		☺				☺			
 CNMU080508-D57T	M	2	5	8	9	0,8		☺	☺	☺	☺	☺	☺	☺	☺
 CNMU120608-D57T	M	2	6,5	12	13	0,8		☺	☺	☺	☺	☺	☺	☺	☺
 CNMU160812-D57T	M	2	8	16	15	1,2		☺	☺	☺	☺	☺	☺	☺	☺

Note: l₂ = width of cut

Ordering example for the grade WKP35S: CNHQ0805PPN-A57T WKP35S

HC = Coated carbide

WALTER SELECT

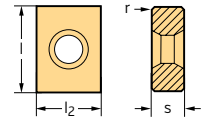
Optimum indexable insert for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

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



Indexable inserts for tangential fitting D 343

D2

Tangential rhombic LNMU Tiger-tec® Gold



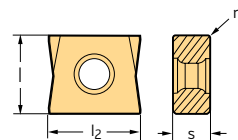
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	P				M	K			S
							HC				HC	HC			HC
							WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WAK15	WKP25S	WKP35G	WKP35S
 LNMU150812T-F27T LNMU201012T-F27T	M	4	8	15	14	1.2	☹	☹	☹			☹	☹	☹	
	M	4	10	20	16	1.2	☹	☹	☹			☹	☹	☹	
 LNMU150812-F57T LNMU201012-F57T	M	4	8	15	14	1.2	☹	☹	☹	☹	☹	☹	☹	☹	☹
	M	4	10	20	16	1.2	☹	☹	☹	☹	☹	☹	☹	☹	☹





Ordering example for the grade WKP25S: LNMU150812T-F27T WKP25S
Ordering example for the grade WKP35G: LNMU150812T-F27T WKP35G

HC = Coated carbide

Tangential rhombic LNHU / LNMU Tiger-tec® Gold



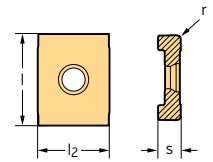
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	P				M	K			S
							HC				HC	HC			HC
							WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WSP45G	WSP45G	WSP45G	WSP45G
 LNHU080304-B57T LNHU080404-B57T LNHU100508-B57T LNHU120608-B57T	H	4	3,5	8	9	0,4		☹	☹			☹	☹	☹	
	H	4	4,5	8	9,4	0,4		☹	☹			☹	☹	☹	
	H	4	5,5	10	12,3	0,8		☹	☹			☹	☹	☹	
	H	4	6,5	12	13,9	0,8		☹	☹			☹	☹	☹	
 LNHU080304-F57T LNHU080404-F57T LNHU100508-F57T LNHU120608-F57T LNHU160812-F57T	H	4	3,5	8	9	0,4	☹	☹	☹	☹	☹	☹	☹	☹	☹
	H	4	4,5	8	9,4	0,4	☹	☹	☹	☹	☹	☹	☹	☹	☹
	H	4	5,5	10	12,3	0,8	☹	☹	☹	☹	☹	☹	☹	☹	☹
	H	4	6,5	12	13,9	0,8	☹	☹	☹	☹	☹	☹	☹	☹	☹
 LNMU080404-B57T LNMU100508-B57T LNMU120608-B57T LNMU160812-B57T	M	4	4,5	8	9,4	0,4		☹				☹	☹	☹	
	M	4	5,5	10	12,3	0,8		☹			☹	☹	☹	☹	
	M	4	6,5	12	13,9	0,8		☹			☹	☹	☹	☹	
	M	4	8	16	16,9	1,2		☹			☹	☹	☹	☹	
 LNMU080304-F57T LNMU080404-F57T LNMU100508-F57T LNMU120608-F57T LNMU160812-F57T	M	4	3,5	8	9	0,4	☹	☹	☹	☹	☹	☹	☹	☹	☹
	M	4	4,5	8	9,4	0,4	☹	☹	☹	☹	☹	☹	☹	☹	☹
	M	4	5,5	10	12,3	0,8	☹	☹	☹	☹	☹	☹	☹	☹	☹
	M	4	6,5	12	13,9	0,8	☹	☹	☹	☹	☹	☹	☹	☹	☹
	M	4	8	16	16,9	1,2	☹	☹	☹	☹	☹	☹	☹	☹	☹

Ordering example for the grade WKK25G: LNHU080304-B57T WKK25G

HC = Coated carbide

Tangential rhombic LNHX / LNMX Tiger-tec® Gold



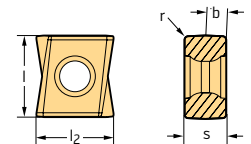
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	P		M		K		S	
							HC		HC		HC		HC	
							WKP35S	WSP45G	WSM35G	WSP45G	WKP35S	WSM35G	WSP45G	
LNHX070204-F57T	H	4	2,4	9	7	0,4	☺	☺	☺	☺	☺	☺	☺	☺
LNMX070204-F57T	M	4	2,4	9	7	0,4	☺	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WKP35S: LNHX070204-F57T WKP35S
 Ordering example for the grade WSM35G: LNHX070204-F57T WSM35G

HC = Coated carbide

Tangential rhombic LNHU / LNMU Tiger-tec® Gold



Indexable inserts

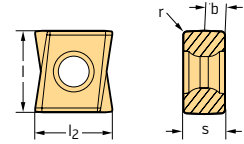
Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	b mm	P				M		K				N		S						
								HC				HC		HC				HC	HW	HC						
								WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X	WSP45G		
LNHU090404R-L55T	H	4	4,5	9	8,5	0,4	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	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

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

Tangential rhombic LNHU / LNMU Tiger-tec® Gold



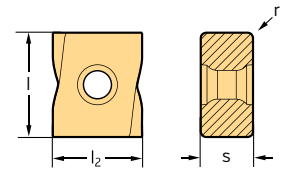
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	b mm	P				M			K				N		S			
								HC	HC	HC	HC	HC	HC	HC	HC	HC	HW	HC	HC	HC				
 LNHU090404R-L85T LNHU130608R-L85T	H	4	4,5	9	8,5	0,4	1,5	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X	WSP45G
	H	4	6,8	13	12	0,8	2,2													☺	☹			


Ordering example for the grade WAK15: LNHU090404R-L55T WAK15
Ordering example for the grade WKK25G: LNHU090404R-L55T WKK25G

HC = Coated carbide
HW = Uncoated carbide

Tangential rhombic LNMX Tiger-tec® Gold



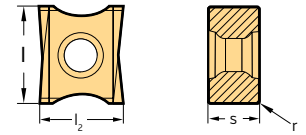
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	P				M	K		S	
							HC	HC	HC	HC	HC	HC	HC		
 LNMX201012R-F27T LNMX201012R-F57T	M	4	10	20	17,05	1,2	WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G
	M	4	10	20	17,05	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺



Ordering example for the grade WKP35G: LNMX201012R-F27T WKP35G

HC = Coated carbide

Tangential rhombic LNHX Tiger-tec® Gold



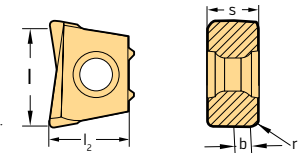
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	P		M		S	
							HC	WSP45G	HC	WSM45X	HC	WSM45X
 LNHX120604R-L65T	H	4	6,8	12,7	11	0,4	☑	☑	☑	☑	☑	☑
 LNHX120604R-L65W	H	4	6,8	12,7	11	0,4		☑		☑		



Ordering example for the grade WSM45X: LNHX120604R-L65T WSM45X
 Ordering example for the grade WSP45G: LNHX120604R-L65T WSP45G

HC = Coated carbide

Tangential rhombic XNHX Tiger-tec® Gold



Indexable inserts

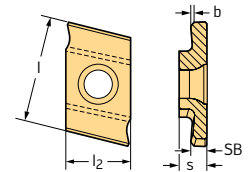
Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	b mm	P		M		S	
								HC	WSP45G	HC	WSM45X	HC	WSM45X
 XNHX130608R-L65T	H	2	6,8	14	10,5	0,8	2	☑	☑	☑	☑	☑	☑
XNHX130612R-L65T	H	2	6,8	14	10,5	1,2	2	☑	☑	☑	☑	☑	☑
XNHX130616R-L65T	H	2	6,8	14	10,5	1,6	2	☑	☑	☑	☑	☑	☑
XNHX130620R-L65T	H	2	6,8	14	10,5	2	2			☑	☑		
XNHX130624R-L65T	H	2	6,8	14	10,5	2,4	2			☑	☑		
XNHX130630R-L65T	H	2	6,8	14	10,5	3	1,4			☑	☑		
XNHX130632R-L65T	H	2	6,8	14	10,5	3,2	1,3			☑	☑	☑	☑
XNHX130640R-L65T	H	2	6,8	14	10,5	4	0,5			☑	☑	☑	☑
 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 WSM45X: XNHX130608R-L65T WSM45X
 Ordering example for the grade WSP45G: XNHX130608R-L65T WSP45G


HC = Coated carbide

D2

Negative rhombic P20200 Tiger-tec® Silver



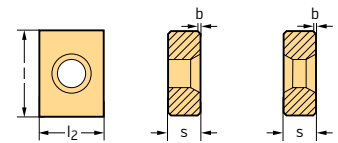
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P	K
						HC	HC
						WKP35S	WKP35S
 P20200-1.1	H	2	2,35	9	0,1		
P20200-1.2	H	2	2,35	9	0,2		
P20200-1.3	H	2	2,35	9	0,2		
P20200-1.4	H	2	2,35	9	0,2		
P20200-1.5	H	2	2,35	9	0,2		
P20200-2.1	H	2	3,4	12	0,2		
P20200-2.2	H	2	3,4	12	0,2		
P20200-2.3	H	2	3,4	12	0,2		
P20200-3.1	H	2	5,4	18,5	0,2		
P20200-3.2	H	2	5,4	18,5	0,2		
P20200-3.3	H	2	5,4	18,5	0,2		


Ordering example for the grade WKP35S: P20200-1.1 WKP35S

HC = Coated carbide

Tangential rhombic P4406 Tiger-tec® Silver



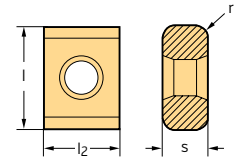
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	b mm	P	K
							HC	HC
							WKP35S	WKP35S
 P4406-1	H	4	3,5	12,7	9,52	0,5		
P4406-2	H	4	4	12,7	9,52	0,5		
P4406-3	H	4	4,75	12,7	9,52	0,4		
P4406-4	H	4	5,5	12,7	9,52	0,4		
P4406-5	H	4	6,35	12,7	9,52	0,4		

Ordering example for the grade WKP35S: P4406-1 WKP35S

HC = Coated carbide

Tangential rhombic P44280 / P44290 Tiger-tec® Gold



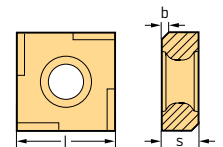
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	r mm	P	M	K	S
							HC	HC	HC	HC
							WKP255	WSM35G	WKP255	WSM35G
	P44280-1R08-D57	H	8	5,5	12,7	9,52	0,8	☺	☺	☺
	P44280-1R10-D57	H	8	5,5	12,7	9,52	1	☺	☺	☺
	P44280-1R125-D57	H	8	5,5	12,7	9,52	1,3	☺	☺	☺
	P44280-1R15-D57	H	8	5,5	12,7	9,52	1,5	☺	☺	☺
	P44280-1R20-D57	H	8	5,5	12,7	9,52	2	☺	☺	☺
	P44280-2R25-D57	H	8	6,35	12,7	9,52	2,5	☺	☺	☺
	P44280-2R30-D57	H	8	6,35	12,7	9,52	3	☺	☺	☺
	P44290-1R08-D57	M	8	5,5	12,7	9,52	0,8	☺	☺	☺
	P44290-1R10-D57	M	8	5,5	12,7	9,52	1	☺	☺	☺
	P44290-1R125-D57	M	8	5,5	12,7	9,52	1,3	☺	☺	☺
	P44290-1R20-D57	M	8	5,5	12,7	9,52	2	☺	☺	☺
	P44290-2R25-D57	M	8	6,35	12,7	9,52	2,5	☺	☺	☺
	P44290-2R30-D57	M	8	6,35	12,7	9,52	3	☺	☺	☺
	P44290-2R40-D57	M	4	6,35	12,7	9,52	4	☺	☺	☺

Ordering example for the grade WSM35G: P44280-1R08-D57 WSM35G

HC = Coated carbide

Negative square SNHQ Tiger-tec® Silver



Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P	K
						HC	HC
						WAK15	WKP355
	SNHQ1205ZZR-A57T	8	5	12	0,8	☺	☺
						☺	☺
						☺	☺
						☺	☺

Ordering example for the grade WAK15: SNHQ1205ZZR-A57T WAK15

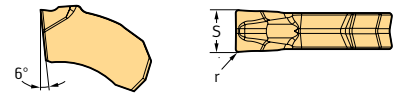
HC = Coated carbide

D2

Slitting – cutting inserts

SX

Tiger-tec® Gold



Cutting inserts

Designation	s mm	r mm	S _{Tol} mm	l _{Tol} mm	P				M			K	N	S		
					HC				HC			HC	HW	HC		
					WKP235	WSM236	WSM336	WSM436	WSM236	WSM336	WSM436	WKP235	WK1	WSM236	WSM336	WSM436
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-1E150N01-CE4	1,5	0,15	±0,05	±0,1			☺		☺						☺	☺
SX-2E200N02-CE4	2	0,2	±0,05	±0,1	☺	☺	☺	☺	☺	☺				☺	☺	☺
SX-2E260N03-CE4	2,6	0,3	±0,05	±0,1			☺		☺						☺	☺
SX-3E300N02-CE4	3	0,2	±0,05	±0,1	☺	☺	☺	☺	☺	☺					☺	☺
SX-3E310N03-CE4	3,1	0,3	±0,05	±0,1			☺	☺	☺	☺					☺	☺
SX-4E400N02-CE4	4	0,2	±0,05	±0,1	☺	☺	☺	☺	☺	☺					☺	☺
SX-4E410N03-CE4	4,1	0,3	±0,05	±0,1			☺		☺						☺	☺
SX-4E480N03-CE4	4,8	0,3	±0,05	±0,1			☺		☺						☺	☺
SX-5E500N04-CE4	5	0,4	±0,05	±0,1	☺	☺	☺	☺	☺	☺					☺	☺
SX-6E600N04-CE4	6	0,4	±0,05	±0,1	☺	☺	☺	☺	☺	☺					☺	☺
SX-8E800N08-CE4	8	0,8	±0,05	±0,1	☺	☺	☺		☺						☺	☺
SX-10E1000N08-CE4	10	0,8	±0,05	±0,1			☺		☺						☺	☺
SX-1E150N01-CF5	1,5	0,15	±0,05	±0,1			☺		☺						☺	☺
SX-2E200N02-CF5	2	0,2	±0,05	±0,1			☺	☺	☺	☺					☺	☺
SX-3E300N02-CF5	3	0,2	±0,05	±0,1		☺	☺	☺	☺	☺				☺	☺	☺
SX-3E310N03-CF5	3,1	0,3	±0,05	±0,1			☺		☺						☺	☺
SX-4E400N02-CF5	4	0,2	±0,05	±0,1			☺	☺	☺	☺					☺	☺
SX-5E500N04-CF5	5	0,4	±0,05	±0,1			☺	☺	☺	☺					☺	☺
SX-6E600N04-CF5	6	0,4	±0,05	±0,1			☺	☺	☺	☺					☺	☺
SX-2E200N02-CF6	2	0,2	±0,05	±0,1			☺	☺	☺	☺					☺	☺
SX-3E300N02-CF6	3	0,2	±0,05	±0,1			☺	☺	☺	☺					☺	☺
SX-5E500N03-SE6	5	0,3	±0,05	±0,1			☺	☺								

l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
 Radius tolerance r_{Tol} = ±0.05 mm
 Ordering example for the grade WSM336: SX-1E150N01-SF5 WSM336

HC = Coated carbide
 HW = Uncoated carbide

Face milling cutters

Machining				
Lead angle κ	42°	42°	43°	43°



Designation	M2026		M2025		M5004 Xtra-tec® XT		F2010	
Diameter range	208,47–258,47	—	88,47–168,47	—	32–170	1,250–6,394	90–325	—

Boring bar/adaptor type

DIN 1835 B								
Cylindrical bore DIN 138	✓		✓		✓	✓	✓	
ScrewFit					✓	✓		
Cylindrical shank					✓	✓		
Cylindrical modular					✓			
Steep taper								
HSK								
NCT								

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

Indexable inserts



Number of cutting edges	16 / 4	16 / 4	8 / 1	8
Max. depth of cut	3	3	3 - 4	4
Page in catalogue	D 434	D 434	D 378	D 440

QR code



www.walter-tools.com/woc/

M2026

M2025

M5004

F2010

Face milling cutters

Machining				
Lead angle κ	45°	45°	45°	45°



Designation	M5009 Xtra-tec® XT		M4003		M3024 Walter BLAXX		F4045 Xtra-tec®	
Diameter range	50,43–174	2,411–12,535	29,63–173,41	1,129–6,528	49,8–172,86	2,386–6,506	72,8–172,8	—

Boring bar/adaptor type

DIN 1835 B								
Cylindrical bore DIN 138	✓	✓	✓	✓	✓	✓	✓	
ScrewFit	✓							
Cylindrical shank			✓	✓				
Cylindrical modular								
Steep taper								
HSK								
NCT								

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

Indexable inserts



SN.X...XNGX...ANN...

SD...SDHX...

XN.U0705...XNGX0705...

XN.F0705...XN.X0705...

Number of cutting edges	8 / 2	4 / 1	14 / 2	14 / 2
Max. depth of cut	5 - 6	4,5 - 6,5	4 - 6	4 - 6
Page in catalogue	D 386	D 412	D 420	D 430

QR code


www.walter-tools.com/woc/

M5009

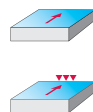
M4003

M3024

F4045

Face milling cutters

Machining



Lead angle κ

45°

45°

45°

45°



Designation	F2010		F2010		F2010		F2010	
Diameter range	90–325	—	94–329	—	94–329	—	90–325	—

Boring bar/adaptor type

DIN 1835 B								
Cylindrical bore DIN 138	✓		✓		✓		✓	
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								

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

Indexable inserts



XN.U0705...

SD..1204AZN...

SN.X1205...

ODHX0605ZZN...

Number of cutting edges	14	4	8	8
Max. depth of cut	4	6	6,5	2
Page in catalogue	D 448	D 444	D 446	D 442

QR code



www.walter-tools.com/woc/

F2010

F2010

F2010

F2010

WALTER SELECT

●● Primary application ● Other application

Face milling cutters

Machining				
	60°		75°	
Lead angle κ	60°		75°	
	60°		88°	



Designation	M3016 Walter BLAXX		F2260		M5011 Xtra-tec® XT		M5012 Xtra-tec® XT	
Diameter range	143,6–333,6	—	113–263	—	55,5–165,5	—	40–160	2,000–6,000

Boring bar/adaptor type

DIN 1835 B								
Cylindrical bore DIN 138	✓		✓		✓		✓	✓
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								

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

Indexable inserts



LNMX2010...



LNMU1508...



SN.X1205...XNGX1205ENN...



SN.X...XNGX...ZNN...

Number of cutting edges	4	4	8 / 2	8 / 2
Max. depth of cut	16	11	8	8 - 10
Page in catalogue	D 428	D 438	D 398	D 402

QR code



M3016



F2260



M5011



M5012

www.walter-tools.com/woc/

Face milling cutters

Machining		
Lead angle κ	90°	90°



Designation	F2250		F2010	
Diameter range	63–100	—	80–315	—

Boring bar/adaptor type				
DIN 1835 B				
Cylindrical bore DIN 138	✓		✓	
ScrewFit				
Cylindrical shank				
Cylindrical modular				
Steep taper				
HSK				
NCT				
P Steel			●●	
M Stainless steel			●	
K Cast iron			●●	
N NF metals	●●			
S Materials with difficult cutting properties				
H Hard materials			●	
O Other				

Indexable inserts



Number of cutting edges	1	3
Max. depth of cut	3	9
Page in catalogue	D 436	D 450

QR code



www.walter-tools.com/woc/	F2250	F2010
--	-------	-------

High-feed milling cutters

Machining				
	Lead angle κ	15°	15°	15°



Designation	M5008 Xtra-tec® XT		M4002		F2330		F2010	
Diame-ter range	16-66	0,625-3,000	20-125	0,750-4,000	20-85	0,750-4,000	93-328	—

Boring bar/adaptor type

DIN 1835 B						✓		
Cylindrical bore DIN 138	✓	✓	✓	✓	✓	✓	✓	
ScrewFit	✓	✓	✓	✓	✓	✓		
Cylindrical shank	✓	✓	✓	✓	✓	✓		
Cylindrical modular	✓		✓					
Steep taper								
HSK								
NCT								

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

Indexable inserts



EN.X08T3...



SD...SD.X...



P263...



SD.1204...SD.X1205...

Number of cutting edges	4	4 / 4	3	4 / 4
Max. depth of cut	1	1 - 2	1 - 2	2
Page in catalogue	D 454	D 460	D 468	D 444

QR code


www.walter-tools.com/woc/

M5008

M4002

F2330

F2010

WALTER SELECT

●● Primary application ● Other application

High-feed milling cutters

Machining		
	Lead angle κ	15°



Designation	F2010		F4030 Xtra-tec®	
Diameter range	87–322,15	—	25–100	1,000–4,000

Boring bar/adaptor type	F2010		F4030 Xtra-tec®	
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	F2010		F4030 Xtra-tec®	
	P263...		P23696...	
Number of cutting edges	3		6	
Max. depth of cut	2		1 - 2	
Page in catalogue	D 472		D 464	

QR code	F2010		F4030	
	www.walter-tools.com/woc/F2010		www.walter-tools.com/woc/F4030	

Shoulder milling cutters

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



Designation	M5250 Xtra-tec® XT		M5137 Xtra-tec® XT		M5130 Xtra-tec® XT		M2331	
Diame-ter range	50-80	2,000-3,000	25-160	1,000-6,000	10-160	0,500-6,000	40-50	2,000

Boring bar/adaptor type

DIN 1835 B			✓	✓	✓	✓		
Cylindrical bore DIN 138	✓	✓	✓	✓	✓	✓	✓	
ScrewFit					✓	✓		
Cylindrical shank					✓	✓		
Cylindrical modular					✓			
Steep taper								
HSK								
NCT								

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

Indexable inserts



BC..1605..SC..1105..



TNMU...



AC... / BC...



ZDGT..A...

Number of cutting edges	2 / 4	6	2	2
Max. depth of cut	43 - 80	5 - 8	5 - 15	15 - 20
Page in catalogue	D 580	D 502	D 478	D 520

QR code



M5250



M5137



M5130



M2331

www.walter-tools.com/woc/

Shoulder milling cutters

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



Designation	M2136		M2131		F5241 Walter BLAXX		F5141 Walter BLAXX	
Diameter range	50-160	—	25-80	1,000-3,000	50-160	—	40-160	1,500-6,000

Boring bar/adaptor type

DIN 1835 B							✓	✓
Cylindrical bore DIN 138	✓		✓	✓	✓		✓	✓
ScrewFit			✓	✓			✓	✓
Cylindrical shank			✓	✓			✓	
Cylindrical modular								
Steep taper								
HSK			✓					
NCT								

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

Indexable inserts



SNEF1204...SNEX1204...



ZDGT...



LN.U1607...



LN.U1306...LNHX1306...

Number of cutting edges	8 / 4		2		4		4 / 4	
Max. depth of cut	6,5		15 - 20		15		12	
Page in catalogue	D 524		D 516		D 536		D 532	

QR code



www.walter-tools.com/woc/

M2136

M2131

F5241

F5141

Shoulder milling cutters

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



Designation	F5041 Walter BLAXX		F5138 Walter BLAXX		F5038 Walter BLAXX		F4338 Xtra-tec®	
Diameter range	25-63	1,000-2,000	40-80	1,500-2,500	25-40	—	63-80	—

Boring bar/adaptor type

DIN 1835 B	✓	✓		✓	✓			
Cylindrical bore DIN 138	✓	✓	✓	✓			✓	
ScrewFit	✓	✓	✓		✓			
Cylindrical shank	✓	✓						
Cylindrical modular								
Steep taper								
HSK								
NCT								

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

Indexable inserts



LN.U0904...LNHX0904...

LN.U1306...

LN.U0904...

AD.1807...

Number of cutting edges	4 / 4	4	4	2
Max. depth of cut	8	34 - 56	32 - 40	47 - 78
Page in catalogue	D 526	D 576	D 574	D 596

QR code


www.walter-tools.com/woc/

F5041

F5138

F5038

F4338

Shoulder milling cutters

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



Designation	F4238 Xtra-tec®		F4138 Xtra-tec®		F4038 Xtra-tec®		F4042 Xtra-tec®	
Diameter range	40-80	1,500-3,000	32-63	1,250-2,000	20-32	0,750-1,000	63-160	—

Boring bar/adaptor type	F4238		F4138		F4038		F4042	
DIN 1835 B		✓	✓	✓	✓	✓		
Cylindrical bore DIN 138	✓	✓	✓	✓			✓	
ScrewFit	✓		✓	✓	✓			
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT	✓		✓					
P Steel	●	●	●	●	●	●	●	●
M Stainless steel	●	●	●	●	●	●	●	●
K Cast iron	●	●	●	●	●	●	●	●
N NF metals	●	●	●	●	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●	●	●	●	●
H Hard materials							●	
O Other	●		●		●		●	

Indexable inserts



AD..1606... AD..1204... AD..0803... AD..1807...

Number of cutting edges	2	2	2	2
Max. depth of cut	29 - 99	33 - 54	22 - 37	16,7
Page in catalogue	D 592	D 588	D 584	D 546

QR code



www.walter-tools.com/woc/

F4238

F4138

F4038

F4042

Shoulder milling cutters

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



Designation	F4042R Xtra-tec®		F4041 Xtra-tec®		F2338F		F2010	
Diame-ter range	16-63	0,625-2,000	40-125	1,500-4,000	63-85	—	80-315	3,000-12,000

Boring bar/adaptor type

DIN 1835 B	✓	✓	✓					
Cylindrical bore DIN 138	✓	✓	✓	✓	✓		✓	✓
ScrewFit	✓	✓	✓	✓				
Cylindrical shank	✓	✓						
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●	●●	●●	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●	●	●	●
K Cast iron	●●	●●	●●	●●	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●	●	●	●
H Hard materials	●	●	●	●				
O Other	●	●	●	●				

Indexable inserts



AD..10T3...ADGX10T3...



LN.X1307...



SP..1206...



TNMU1605..

Number of cutting edges	2 / 2	4	4	6
Max. depth of cut	10	13	48 - 70	8
Page in catalogue	D 542	D 538	D 598	D 570

QR code



F4041



F2338F



F2010

www.walter-tools.com/woc/

Shoulder milling cutters

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



Designation	F2010		F2010		F2010		F2010	
Diameter range	80-315	3,000-12,000	80-315	3,000-12,000	80-315	—	80-315	—

Boring bar/adaptor type

DIN 1835 B								
Cylindrical bore DIN 138	✓	✓	✓	✓	✓		✓	
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								

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

Indexable inserts



BC..1605... BC..1204... LN.U1306... LN.U0904...

Number of cutting edges	2	2	4	4
Max. depth of cut	15	11,7 - 11,7	12	8
Page in catalogue	D 562	D 558	D 556	D 554

QR code



www.walter-tools.com/woc/ F2010 F2010 F2010 F2010

Shoulder milling cutters

Machining				
Lead angle κ	90°	90°	90°	89,75°



Designation	F2010		F2010		F2010		M4132	
Diameter range	80-315	—	80-315	—	80-315	—	16-125	0,625-3

Boring bar/adaptor type

DIN 1835 B							✓	✓
Cylindrical bore DIN 138	✓		✓		✓		✓	✓
ScrewFit							✓	
Cylindrical shank								
Cylindrical modular							✓	
Steep taper								
HSK								
NCT								

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

Indexable inserts



LN.X1307...



AD..1606...



AD..1204...



SD...

Number of cutting edges	4	2	2	4
Max. depth of cut	13	15	11,7	5,6 - 11,6
Page in catalogue	D 552	D 550	D 548	D 512

QR code



F2010



F2010



F2010

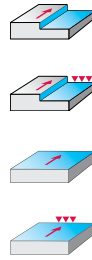


M4132

www.walter-tools.com/woc/

Shoulder milling cutters

Machining



Lead angle κ	89,5°	89,5°
---------------------	-------	-------



Designation	F2010		F2010	
Diameter range	80–315	—	80–315	—

Boring bar/adaptor type

DIN 1835 B				
Cylindrical bore DIN 138	✓		✓	
ScrewFit				
Cylindrical shank				
Cylindrical modular				
Steep taper				
HSK				
NCT				

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

Indexable inserts



SD..1204...



SD..09T3...

Number of cutting edges	4	4
Max. depth of cut	11,6	8,4
Page in catalogue	D 444	D 566

QR code



F2010



F2010

www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

D2

Slot milling cutters

Machining				
Lead angle κ	90°		90°	



Designation	M4792		M4791		M4258		M4257	
Diameter range	17,9–39,9	0,750–1,500	—	0,750–1,500	50–100	3,000–4,000	40–63	1,500–2,000
Boring bar/adaptor type								
DIN 1835 B	✓	✓		✓			✓	✓
Cylindrical bore DIN 138					✓	✓	✓	✓
ScrewFit							✓	
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●	●●	●●	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●	●●	●●	●●	●●
N NF metals		●●	●●	●●				●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●	●●	●●	●●
H Hard materials			●					
O Other								

Indexable inserts



LD... SD... LD..1704... SD..1204... LD..14T3... SD...09T3...

Number of cutting edges	2 / 4		4		2 / 4		2 / 4	
Max. depth of cut	8,3 - 26,9		5,6 - 11,6		25 - 118		47 - 54	
Cutting width SB [mm]								
Page in catalogue	D 602		D 600		D 608		D 608	
QR code								
www.walter-tools.com/woc/	M4792		M4791		M4258		M4257	

Slot milling cutters

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



Designation	M4256		M3255 Walter BLAXX		F5055 Walter BLAXX		F4253 Xtra-tec®	
Diameter range	20-32	—	50-80	2,000-3,000	63-500	—	100-315	—

Boring bar/adaptor type

DIN 1835 B	✓							
Cylindrical bore DIN 138			✓	✓	✓		✓	
ScrewFit	✓							
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●				●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●				●●		●●	
N NF metals					●●			
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials								
O Other								

Indexable inserts



LD.08T2...
SD.06T2...

XNHX1306...
LNHX1206...

SX...

LNU...

Number of cutting edges	2 / 4		2 / 4		1		4	
Max. depth of cut	27 - 37		46 - 80		—		—	
Cutting width SB [mm]					1,5-5		12-25	
Page in catalogue	D 608		D 618		D 642		D 640	

QR code



www.walter-tools.com/woc/

M4256

M3255

F5055

F4253

Slot milling cutters

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



Designation	F4153 Xtra-tec®		F4053 Xtra-tec®		F2252		F2252	
Diameter range	80–200	3,000–6,000	80–160	—	125–200	—	125–200	—

Boring bar/adaptor type

DIN 1835 B								
Cylindrical bore DIN 138	✓	✓	✓		✓		✓	
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals					●●		●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials								
O Other					●		●	



Indexable inserts

LN.U...

LN.X0702...

AD..1606...

AD..1204...

Number of cutting edges	4	4	2	2
Max. depth of cut	—	—	—	—
Cutting width SB [mm]	6–10	4	22	16–19
Page in catalogue	D 634	D 632	D 626	D 624

QR code


www.walter-tools.com/woc/

F4153

F4053

F2252

F2252

Slot milling cutters

Machining



Lead angle κ	90°		90°		90°		90°	
---------------------	-----	--	-----	--	-----	--	-----	--



Designation	F2252		F2252		F2252		F2252	
Diameter range	100–160	—	125–200	—	100–160	—	80–160	—

Boring bar/adaptor type

DIN 1835 B								
Cylindrical bore DIN 138	✓		✓		✓		✓	
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								

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

Indexable inserts



AD..0803...



MP..1204....
P2905..



MP..0803...
P2905..



MP..0603...
P2905..

Number of cutting edges	2	2 / 4	2 / 4	2 / 4
Max. depth of cut	—	—	—	—
Cutting width SB [mm]	12–14	16–22	10–14	8–9
Page in catalogue	D 622	D 628	D 628	D 628

QR code



www.walter-tools.com/woc/

F2252

F2252

F2252

F2252

WALTER SELECT

●● Primary application ● Other application

D2

Copy milling cutters

Machining				
Lead angle κ				



Designation	M5468 Xtra-tec® XT		M5460 Xtra-tec® XT		M2473		M2472	
Diame-ter range	10–160	1,000–5,000	8–32	0,375–1,000	40–63	—	32–50	—
Boring bar/adaptor type								
DIN 1835 B	✓	✓	✓	✓				
Cylindrical bore DIN 138	✓	✓			✓		✓	
ScrewFit	✓	✓	✓		✓		✓	
Cylindrical shank			✓	✓				
Cylindrical modular	✓		✓					
Steep taper								
HSK								
NCT								
P Steel	●●		●●					
M Stainless steel	●●		●●					
K Cast iron	●●		●●					
N NF metals	●●		●●					
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials	●●		●●					
O Other	●		●					

Indexable inserts



RD.X... / RO.X...



P32...



RNGN1207...WIS..



RPGN1204...WIS..

Number of cutting edges	4 / 8	1	8	4
Max. depth of cut	2,5 - 10	4 - 16	6	6
Page in catalogue	D 646	D 694	D 676	D 674

QR code



M5468



M5460



M2473



M2472

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

●● Primary application ● Other application

Copy milling cutters

Machining				
Lead angle κ				



Designation	M2471		F2339		F2334R		F2239	
Diameter range	25-63	—	16-50	0,625-2,000	25-80	1,250-2,500	20-63	—

Boring bar/adaptor type

DIN 1835 B			✓	✓			✓	
Cylindrical bore DIN 138	✓				✓	✓		
ScrewFit	✓		✓	✓	✓	✓	✓	
Cylindrical shank	✓				✓	✓		
Cylindrical modular			✓					
Steep taper								
HSK								
NCT							✓	

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

Indexable inserts



RN.X... XD.T...SP... RO.X... SP...

Number of cutting edges	8	2 / 4	4	4
Max. depth of cut	5 - 6	11 - 57	5 - 6	15 - 84
Page in catalogue	D 672	D 700	D 678	D 698

QR code



www.walter-tools.com/woc/

M2471

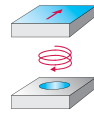
F2339

F2334R

F2239

Copy milling cutters

Machining


 Lead angle κ


Designation	F2010		F2010		F2010	
Diameter range	83-318	3,122-12,118	83-318	3,118-12,118	83,3-318,3	—

Boring bar/adaptor type

DIN 1835 B						
Cylindrical bore DIN 138	✓	✓	✓	✓	✓	
ScrewFit						
Cylindrical shank						
Cylindrical modular						
Steep taper						
HSK						
NCT						

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

Indexable inserts



RO.X1204M08...



RO.X1605M08...



RO.X1605...

Number of cutting edges	8	8	6
Max. depth of cut	6	8	8
Page in catalogue	D 686	D 682	D 682

QR code



F2010



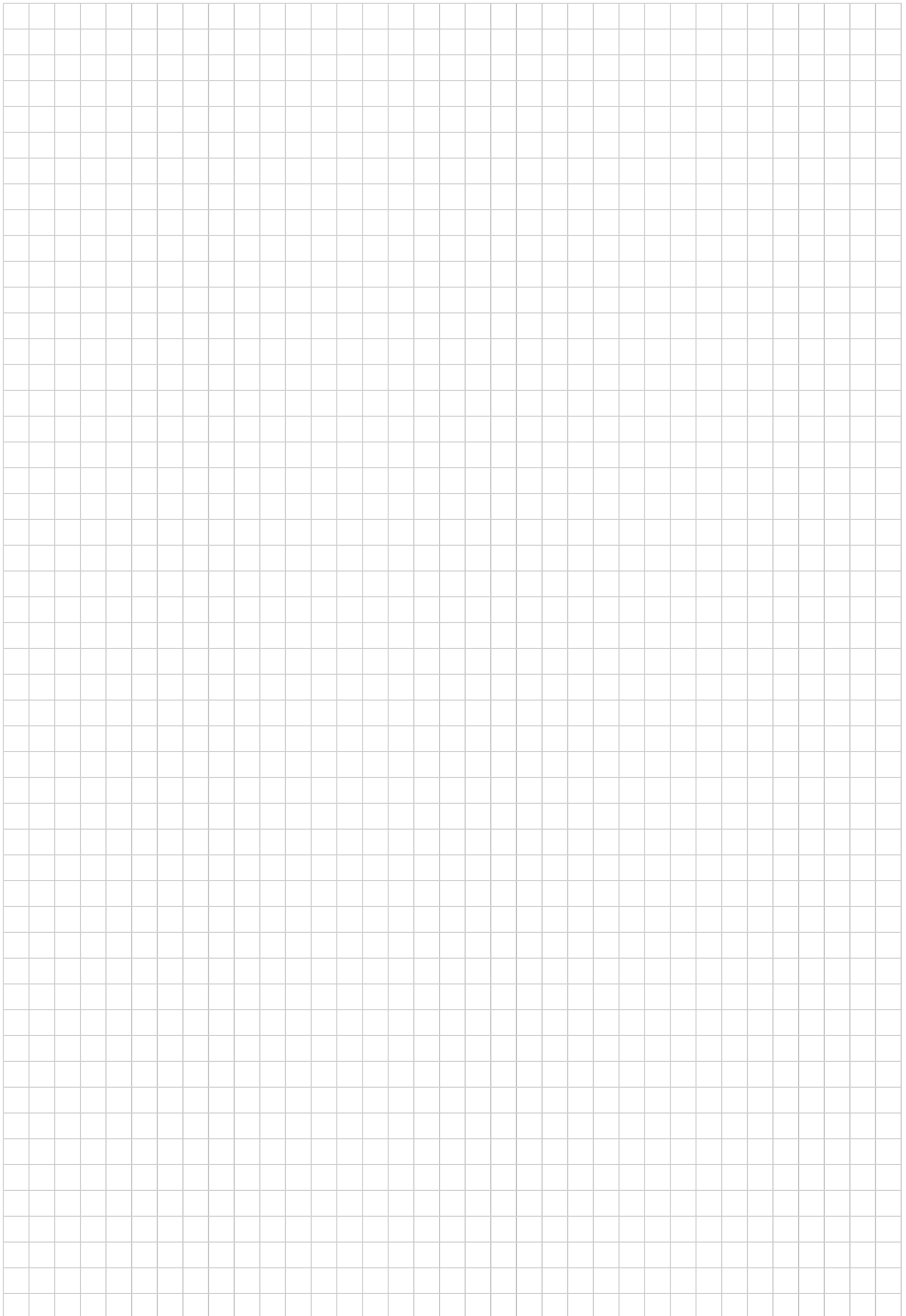
F2010



F2010

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

●● Primary application ● Other application



D2

Profiling cutters

Machining								
	30°		45°		60°		90°	
Lead angle κ	30°		45°		60°		90°	

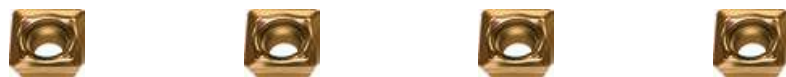


Designation	M4574		M4574		M4574		M4575	
Diameter range	8-20	0,750	8-40	0,500-1,500	8-20	0,750	20,5-49,5	0,778-1,821

Boring bar/adaptor type

DIN 1835 B							✓	✓
Cylindrical bore DIN 138								
ScrewFit			✓					
Cylindrical shank	✓	✓	✓	✓	✓	✓		
Cylindrical modular			✓					
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●		●●		●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials								
O Other								

Indexable inserts



SD... SD... SD... SD...

Number of cutting edges	4	4	4	4
Max. depth of cut	2,7 - 4	3,5 - 7,5	4,8 - 6,8	—
Page in catalogue	D 708	D 706	D 710	D 718

QR code



www.walter-tools.com/woc/

M4574

M4574

M4574

M4575

Profiling cutters

Machining



Lead angle κ

90°



Designation	F2036	
Diameter range	16–63	—

Boring bar/adaptor type

DIN 1835 B	✓	
Cylindrical bore DIN 138		
ScrewFit		
Cylindrical shank		
Cylindrical modular		
Steep taper		
HSK		
NCT	✓	

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

Indexable inserts



P20200...

Number of cutting edges	2	
Max. depth of cut	—	
Page in catalogue	D 722	

QR code



www.walter-tools.com/woc/

F2036

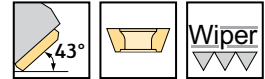
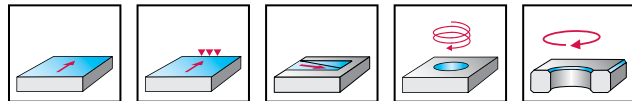
WALTER SELECT

● ● Primary application ● Other application

Octagonal face milling cutters

M5004 mm
OD .. 0504 ..; ODHX0504ZZR
Xtra-tec® XT


– 8 cutting edges per indexable insert



M5004	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

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	28	40		3	8	2	0,16	2	OD .. 0504 .. ODHX0504ZZR
	M5004-040-T36-03-03	32	40	36	40		3	8	3	0,3	3	
 Cylindrical modular	M5004-032-TC16-02-03	24	32	28	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	0,37	5	
	M5004-052-B22-04-03	44	52	22	45		3	8	4	0,36	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	0,53	5	
	M5004-063-B22-05-03	55	63	22	40		3	8	5	0,4	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	0,61	7	
	M5004-066-B27-06-03	58	66	27	50		3	8	6	0,69	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 = ☹☹

D2

Assembly parts

D _c [mm]		24-117	
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 3 Nm	

Accessories

D _c [mm]		24	32	42-117
	Torque screwdriver, analogue	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M		K		N		S		H					
					HC		HC		HC		HC		HC	HW	HC		HC			
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WSN10	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WKN15
	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 . .

HC = Coated carbide
CN = Silicon nitride Si₃N₄
HW = Uncoated carbide

Octagonal face milling cutters

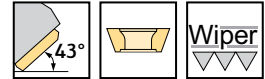
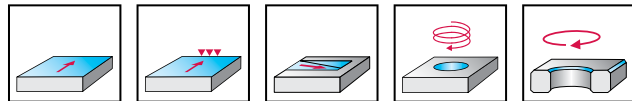
M5004

OD .. 0504 ..; ODHX0504ZZR

Xtra-tec® XT

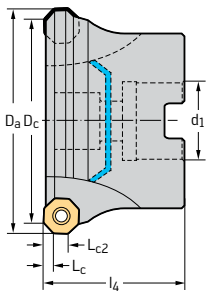


– 8 cutting edges per indexable insert



	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	0,7	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	2,76	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	4	12	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	24–117
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 3 Nm

Accessories

	D _c [mm]	24	32	42–117
	Torque screwdriver, analogue	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M		K		N		S		H					
					HC		HC		HC		HC		HC		HC					
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WSN10	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WKN15
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 . .

HC = Coated carbide
CN = Silicon nitride Si₃N₄
HW = Uncoated carbide

Octagonal face milling cutters

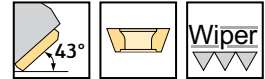
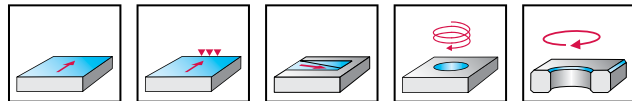
M5004 inch

OD .. 0504 ..; ODHX0504ZZR

Xtra-tec® XT



– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5004	●	●	●	●	●	●	●

Tool	Designation	D _c inch	D _a inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	L _{c2} inch	Z	lbs	No. of inserts	Type
<p>ScrewFit</p>	M5004.031-T28-02-03	0,935	1,250	1,102	1,575		0,118	0,315	2	0,359	2	OD .. 0504 .. ODHX0504ZZR
	M5004.038-T36-03-03	1,185	1,500	1,417	1,575		0,118	0,315	3	0,619	3	
<p>Cylindrical shank</p>	M5004.038-A26-03-03	1,185	1,500	1,000	1,500	6,000	0,118	0,315	3	1,219	3	OD .. 0504 .. ODHX0504ZZR
	M5004.046-A31-03-03	1,500	1,815	1,250	1,750	10,000	0,118	0,315	3	3,263	3	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5004.059-B19-04-03	2,000	2,315	0,750	1,575		0,118	0,315	4	0,769	4	OD .. 0504 .. ODHX0504ZZR
	M5004.059-B19-05-03	2,000	2,315	0,750	1,575		0,118	0,315	5	0,778	5	
	M5004.072-B19-06-03	2,500	2,815	0,750	1,575		0,118	0,315	6	1,054	6	
	M5004.072-B19-07-03	2,500	2,815	0,750	1,575		0,118	0,315	7	1,032	7	
	M5004.076-B26-07-03	2,685	3,000	1,000	1,575		0,118	0,315	7	1,400	7	
	M5004.084-B26-07-03	3,000	3,315	1,000	1,575		0,118	0,315	7	1,625	7	
	M5004.084-B26-08-03	3,000	3,315	1,000	1,575		0,118	0,315	8	1,731	8	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

D _c [inch]		0,935–1,5	2–2,5	2,685–3
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 2,213 lbs	FS2119 (T15IP) 2,213 lbs	FS2119 (T15IP) 2,213 lbs
	Clamping screw for arbour-mounted tools		FS1518	FS1519

Accessories

D _c [inch]		0,935	1,185	1,5–3
	Torque screwdriver, analogue	FS2004	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P		M		K		N		S		H
					HC	HC	HC	HC	CN	HC	HC	HC	HC	HC	
	ODHT050408-F57	H	8	0,031											
	ODHW050412-A57	H	8	0,047											
	ODMT050408-D57	M	8	0,031											
	ODMW050408-A57	M	8	0,031											
	ODMW050408T-A27	M	8	0,031											
	ODHT0504ZZN-F57	H	8	0,031	0,047										
	ODHT0504ZZN-G77	H	8	0,031	0,063										
	ODHT0504ZZN-G88	H	8	0,031	0,047										
	ODHW0504ZZN-A57	H	8	0,031	0,047										
	ODMT0504ZZN-D57	M	8	0,031	0,047										
	ODMT0504ZZN-F57	M	8	0,031	0,047										
	ODHX0504ZZR-A57	H	1	0,031	0,283										

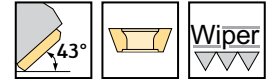
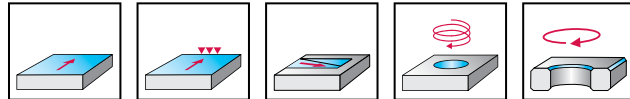
ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN . .

HC = Coated carbide
CN = Silicon nitride Si₃N₄
HW = Uncoated carbide

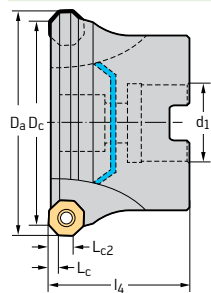
Octagonal face milling cutters

M5004 mm
OD .. 0605 ..; ODHX0605ZZR
Xtra-tec® XT


– 8 cutting edges per indexable insert

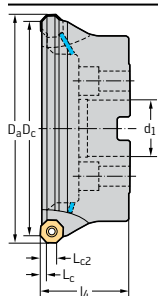


M5004	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

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	0,36	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	0,83	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	0,69	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	1,08	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	1,1	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	1,46	7	
M5004-100-B32-09-04	90	100	32	50	4	10	9	1,43	9	
M5004-110-B32-07-04	100	110	32	50	4	10	7	2,35	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	3,18	8	
M5004-135-B40-10-04	125	135	40	63	4	10	10	3,99	10	
M5004-160-B40-09-04	150	160	40	63	4	10	9	4,46	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	



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]	40–160
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm

Accessories

	D _c [mm]	40–125	150–160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	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		M		K		N		S		H
					WH15X	HC	HC	HC	CN	HC	HC	HW	HC	HC	HC
	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 Si₃N₄
HW = Uncoated carbide

Octagonal face milling cutters

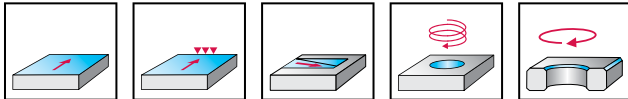
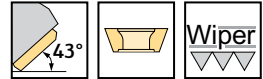
M5004 inch

OD .. 0605 ..; ODHX0605ZZR

Xtra-tec® XT

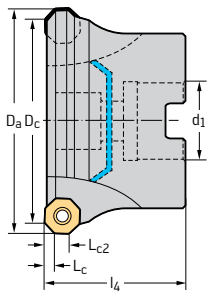


- 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5004	●	●	●	●	●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D _c inch	D _a inch	d ₁ inch	l ₄ inch	L _c inch	L _{c2} inch	z	lbs	No. of inserts	Type
M5004.086-B26-06-04	3,000	3,394	1,000	1,969	0,157	0,394	6	2,088	6	OD .. 0605 .. ODHX0605ZZR
M5004.086-B26-07-04	3,000	3,394	1,000	1,969	0,157	0,394	7	2,07	7	
M5004.112-B38-07-04	4,000	4,394	1,500	2,48	0,157	0,394	7	5,955	7	
M5004.112-B38-09-04	4,000	4,394	1,500	2,48	0,157	0,394	9	5,82	9	
M5004.137-B38-08-04	5,000	5,394	1,500	2,48	0,157	0,394	8	7,974	8	
M5004.137-B38-09-04	5,000	5,394	1,500	2,48	0,157	0,394	9	7,848	9	
M5004.162-B38-09-04	6,000	6,394	1,500	2,48	0,157	0,394	9	9,824	9	
M5004.162-B38-10-04	6,000	6,394	1,500	2,48	0,157	0,394	10	10,183	10	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [inch]	3	4-6
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 3,688 lbs	FS1495 (T20IP) 3,688 lbs
	Clamping screw for arbour-mounted tools	FS1519	FS1583

Accessories

	D _c [inch]	3-6
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r inch	b inch	P		M		K		N		S		H
						HC	HC	HC	CN	HC	HC	HC	HW	HC	HC	
	ODHT060512-F57	H	8	0,047												
	ODHW060516-A57	H	8	0,063												
	ODMT060512-D57	M	8	0,047												
	ODMW060508-A57	M	8	0,031												
	ODMW060508T-A27	M	8	0,031												
	ODHT0605ZZN-F57	H	8	0,031	0,063											
	ODHT0605ZZN-G77	H	8	0,031	0,063											
	ODHT0605ZZN-G88	H	8	0,031	0,063											
	ODHW0605ZZN-A57	H	8	0,031	0,063											
	ODMT0605ZZN-D57	M	8	0,031	0,063											
	ODMT0605ZZN-F57	M	8	0,031	0,063											
	ODHX0605ZZR-A57	H	1	0,031	0,37											

ODHX0605ZZR-A57 wiper insert only in combination with ODH.0605ZZN . .

HC = Coated carbide
CN = Silicon nitride Si₃N₄
HW = Uncoated carbide

Face milling cutters

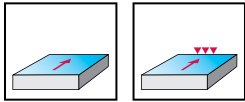
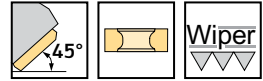
M5009

SN . X0904 ..; XNGX0904ANN

Xtra-tec® XT

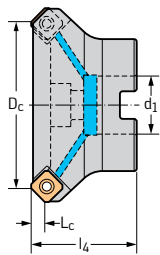


– 8 cutting edges per indexable insert



	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	0,44	4	SN . X0904 .. XNGX0904ANN
M5009-040-B16-06-05	40	16	40	5	6	0,43	6	
M5009-050-B22-06-05	50	22	40	5	6	0,44	6	
M5009-050-B22-08-05	50	22	40	5	8	0,57	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	2,66	13	

Bodies and assembly parts are included in the scope of delivery

D2

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						M		K					N		S		H	
					WH15X	WK25S	WK35G	WK35S	WPM15G	WSP45G	WPM15G	WSM35G	WSP45G	WH15X	WK25G	WK25S	WK25S	WK35G	WK35S	WPM15G	WXN15	WK10	WSM35G
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

Face milling cutters

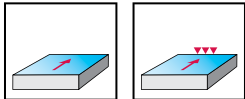
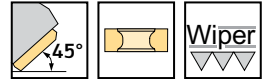
M5009 inch

SN . X0904 ..; XNGX0904ANN

Xtra-tec® XT

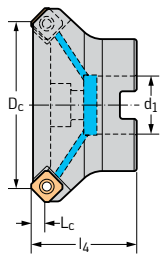


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5009	●	●	●	●	●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D _c inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
M5009.051-B19-06-05	2,000	0,750	1,500	0,197	6	0,882	6	SN . X0904 .. XNGX0904ANN
M5009.051-B19-08-05	2,000	0,750	1,500	0,197	8	1,193	8	
M5009.064-B26-07-05	2,500	1,000	2,000	0,197	7	1,874	7	
M5009.064-B26-09-05	2,500	1,000	2,000	0,197	9	1,830	9	
M5009.076-B26-08-05	3,000	1,000	2,000	0,197	8	2,381	8	
M5009.076-B26-11-05	3,000	1,000	2,000	0,197	11	2,906	11	
M5009.102-B38-09-05	4,000	1,500	2,500	0,197	9	7,09	9	
★ M5009.127-B38-11-05	5,000	1,500	2,500	0,197	11	8,375	11	
★ M5009.152-B38-13-05	6,000	1,500	2,500	0,197	13	10,395	13	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

D _c [inch]		2	2,5-3	4-6
	Clamping screw for indexable insert Tightening torque	FS2579 (T8IP) 0,885 lbs	FS2579 (T8IP) 0,885 lbs	FS2579 (T8IP) 0,885 lbs
	Clamping screw for arbour-mounted tools	FS1518	FS1519	FS1583

Accessories

D _c [inch]		2-6
	Torque screwdriver, analogue	FS2002
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P						M			K						N		S		H	
					WHP15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WPM15G	WSM35G	WSP45G	WHP15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WPM15G	WXN15	WK10	WSM35G	WSP45G	WHP15X
	SNGX0904ANN-F57	G	8	0,016	0,047	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	SNGX0904ANN-F67	G	8	0,016	0,047					☺	☺										☺	☺			
	SNHX0904ANN-K88	H	8	0,016	0,059																☺	☺			
	SNMX0904ANN-F27	M	8	0,016	0,047			☺																	
	SNMX0904ANN-F57	M	8	0,016	0,047	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺			☺	☺	
	SNMX0904ANN-F67	M	8	0,016	0,047					☺	☺												☺	☺	
	SNMX090408-F27	M	8	0,031		☺	☺	☺	☺																
	SNMX090408-F57	M	8	0,031		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺			☺	☺		
	SNMX090408-F67	M	8	0,031						☺	☺												☺	☺	
	XNGX0904ANN-F67	G	2	0,016	0,197	☺				☺														☺	

XNGX0904ANN-F67 wiper insert only in combination with SNGX0904ANN...

HC = Coated carbide
HW = Uncoated carbide

Face milling cutters

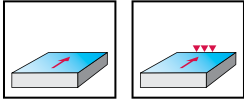
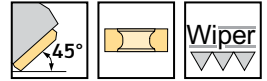
M5009 mm

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
<p>Shell mill mount DIN 138 transverse keyway</p>	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	0,75	8	
	M5009-063-B27-08-06	63	27	50	6	8	0,8	8	
	M5009-080-B27-10-06	80	27	50	6	10	1,13	10	
	M5009-100-B32-12-06	100	32	50	6	12	1,79	12	
	M5009-125-B40-16-06	125	40	63	6	16	3,34	16	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5009-160-B40-20-06	160	40	63	6	20	5,01	20	SN . X1205 .. XNGX1205ANN

Bodies and assembly parts are included in the scope of delivery

D2

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						M					K						N		S		H											
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WXN15	WK10	WSM35G	WSM35S	WSP45G	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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺ → Good = ☺ → Moderate = ☺

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

Face milling cutters

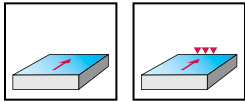
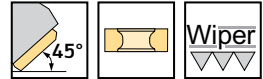
M5009 inch

SN . X1205 ..; XNGX1205ANN

Xtra-tec® XT

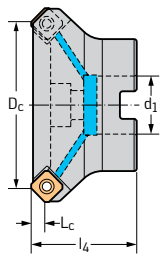


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5009	●	●	●	●	●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D _c inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
M5009.051-B19-06-06	2,000	0,750	1,500	0,236	6	0,864	6	SN . X1205 .. XNGX1205ANN
M5009.064-B26-08-06	2,500	1,000	2,000	0,236	8	1,757	8	
M5009.076-B26-09-06	3,000	1,000	2,000	0,236	9	2,379	9	
M5009.102-B38-12-06	4,000	1,500	2,500	0,236	12	6,118	12	
M5009.127-B38-16-06	5,000	1,500	2,500	0,236	16	8,104	16	
M5009.152-B38-19-06	6,000	1,500	2,500	0,236	19	12,571	19	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

D _c [inch]		2	2,5–3	4–6
	Clamping screw for indexable insert Tightening torque	FS1459 (T15IP) 2,95 lbs	FS1459 (T15IP) 2,95 lbs	FS1459 (T15IP) 2,95 lbs
	Clamping screw for arbour-mounted tools	FS1518	FS1519	FS1583

Accessories

D _c [inch]		2–6
	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 inch	b inch	P					M					K					N		S			H				
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WXN15	WKL0	WSM35G	WSM35S
	SNGX120512-F57	G	8	0,047		☺	☺	☺	☺	☺																			
	SNMX120512-D27	M	8	0,047		☺	☺	☺	☺	☺																			
	SNMX120520-D27	M	8	0,079		☺	☺	☺	☺	☺																			
	SNMX120512-F27	M	8	0,047		☺	☺	☺	☺	☺																			
	SNMX120512-F57	M	8	0,047		☺	☺	☺	☺	☺																			
	SNMX120520-F57	M	8	0,079		☺	☺	☺	☺	☺																			
	SNMX120512-F67	M	8	0,047		☺	☺	☺	☺	☺					☺														
	SNGX1205ANN-F27	G	8	0,031	0,059	☺	☺	☺	☺																				
	SNGX1205ANN-F57	G	8	0,031	0,059	☺	☺	☺	☺																				
	SNGX1205ANN-F67	G	8	0,031	0,059	☺	☺	☺	☺						☺														
	SNHX1205ANN-K88	H	8	0,031	0,059																			☺	☺				
	SNMX1205ANN-F27	M	8	0,031	0,059	☺	☺	☺	☺																				
	SNMX1205ANN-F57	M	8	0,031	0,059	☺	☺	☺	☺																				
	SNMX1205ANN-F67	M	8	0,031	0,059	☺	☺	☺	☺						☺														
	XNGX1205ANN-F67	G	2	0,047	0,185	☺																							

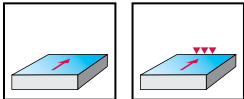
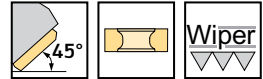
XNGX1205ANN-F67 wiper insert only in combination with SNGX1205ANN . .

HC = Coated carbide
HW = Uncoated carbide

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
<p>ScrewFit</p>	M5009-040-T36-04-06-AP	40	36	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	0,56	6		
M5009-063-B27-06-06-AP	63	27	50	6	6	0,83	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	1,96	6		
M5009-100-B32-08-06-AP	100	32	50	6	8	2,69	8		
<p>Shell mill mount DIN 138 transverse keyway</p>	M5009-125-B40-07-06-AP	125	40	63	6	7	3,54	7	SN . X1205 .. XNGX1205ANN
	M5009-125-B40-10-06-AP	125	40	63	6	10	3,38	10	
<p>Shell mill mount DIN 138 transverse keyway</p>	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	

M5009...-AP with carbide shim | Bodies and assembly parts are included in the scope of delivery

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	50-125	160
	Torque screwdriver, analogue	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
	Key for shim screw	ISO2936-4 (SW 4)	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										M					K					N		S			H			
					HC										HC					HC					HC	HW	HC			HC			
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WKN15	WK10	WSM35G	WSM35S	WSP45G	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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

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

Face milling cutters

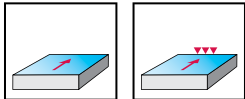
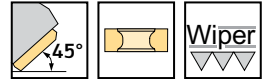
M5009 inch

SN . X1205 ..; XNGX1205ANN

Xtra-tec® XT

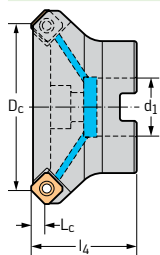


– 8 cutting edges per indexable insert



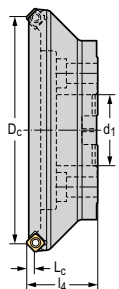
	P	M	K	N	S	H	O
M5009	●	●	●	●	●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D _c inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
M5009.051-B19-04-06-AP	2,000	0,750	1,500	0,236	4	0,888	4	SN . X1205 .. XNGX1205ANN
M5009.064-B26-06-06-AP	2,500	1,000	2,000	0,236	6	1,75	6	
M5009.076-B26-07-06-AP	3,000	1,000	2,000	0,236	7	2,35	7	
M5009.102-B38-08-06-AP	4,000	1,500	2,500	0,236	8	6,074	8	
M5009.127-B38-10-06-AP	5,000	1,500	2,500	0,236	10	8,157	10	
M5009.152-B38-12-06-AP	6,000	1,500	2,500	0,236	12	10,313	12	
★ M5009.203-B64-16-06-AP	8,000	2,500	2,500	0,236	16	15,582	16	SN . X1205 .. XNGX1205ANN
★ M5009.254-B64-18-06-AP	10,000	2,500	2,500	0,236	18	28,336	18	
★ M5009.305-B64-20-06-AP	12,000	2,500	2,500	0,236	20	40,609	20	



Shell mill mount DIN 138 transverse keyway

M5009...-AP with carbide shim | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [inch]	2	2,5-3	4-6	8-12
	Shim for indexable insert	AP800-SN1205 H81	AP800-SN1205 H81	AP800-SN1205 H81	AP800-SN1205 H81
	Clamping screw for shim	FS2069 (SW 4)	FS2069 (SW 4)	FS2069 (SW 4)	FS2069 (SW 4)
	Clamping screw for indexable insert Tightening torque	FS2617 (T15IP) 2,95 lbs	FS2617 (T15IP) 2,95 lbs	FS2617 (T15IP) 2,95 lbs	FS2617 (T15IP) 2,95 lbs
	Clamping screw for arbour-mounted tools	FS1518	FS1519	FS1583	

Accessories

	D _c [inch]	2-6	8-12
	Torque screwdriver, analogue	FS2003	FS2004
	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)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P					M					K					N		S		H				
					HC					HC					HC					HC	HW	HC	HC	HC				
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WKN15	WK10	WSM35G	WSM35S
	SNGX120512-F57	G	8	0,047	☺	☺	☺	☺	☺	☺	☺	☺																
	SNMX120512-D27	M	8	0,047	☺	☺	☺	☺							☺	☺	☺	☺	☺									
	SNMX120520-D27	M	8	0,079	☺	☺	☺	☺							☺	☺	☺	☺	☺									
	SNMX120512-F27	M	8	0,047	☺	☺	☺	☺							☺	☺	☺	☺	☺									
	SNMX120512-F57	M	8	0,047	☺	☺	☺	☺		☺	☺	☺			☺	☺	☺	☺	☺									
	SNMX120520-F57	M	8	0,079	☺	☺	☺	☺		☺	☺	☺			☺	☺	☺	☺	☺									
	SNMX120512-F67	M	8	0,047	☺	☺	☺	☺		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺									
	SNGX1205ANN-F27	G	8	0,031	0,059	☺	☺	☺	☺						☺	☺	☺	☺	☺									
	SNGX1205ANN-F57	G	8	0,031	0,059	☺	☺	☺	☺						☺	☺	☺	☺	☺									
	SNGX1205ANN-F67	G	8	0,031	0,059	☺	☺	☺	☺					☺	☺	☺	☺	☺	☺									
	SNHX1205ANN-K88	H	8	0,031	0,059																☺	☺						
	SNMX1205ANN-F27	M	8	0,031	0,059	☺	☺	☺	☺						☺	☺	☺	☺	☺									
	SNMX1205ANN-F57	M	8	0,031	0,059	☺	☺	☺	☺						☺	☺	☺	☺	☺									
	SNMX1205ANN-F67	M	8	0,031	0,059	☺	☺	☺	☺						☺	☺	☺	☺	☺									
	XNGX1205ANN-F67	G	2	0,047	0,185	☺								☺	☺	☺				☺	☺						☺	

XNGX1205ANN-F67 wiper insert only in combination with SNGX1205ANN . .

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺ → Good = ☺ → Moderate = ☺

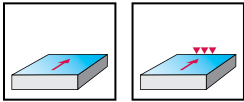
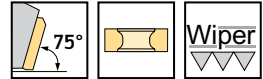
☺ ☺ ☺ / * = New addition to the product range

D2

Face milling cutters

M5011 mm
SN . X1205 ..; XNGX1205ENN
Xtra-tec® XT


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5011	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	M5011-063-B22-07-08	63	22	40	8	7	0,66	7	SN . X1205 .. XNGX1205ENN
	M5011-063-B27-07-08	63	27	50	8	7	0,73	7	
	M5011-080-B27-09-08	80	27	50	8	9	1	9	
	M5011-100-B32-11-08	100	32	50	8	11	1,67	11	
	M5011-125-B40-14-08	125	40	63	8	14	3,14	14	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5011-160-B40-18-08	160	40	63	8	18	4,68	18	SN . X1205 .. XNGX1205ENN

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts		Type D _c [mm]	SN . X1205 .. 63-160
	Clamping screw for indexable insert Tightening torque		FS1459 (T15IP) 4 Nm

Accessories		Type D _c [mm]	SN . X1205 .. 63-125	SN . X1205 .. 160
	Torque screwdriver, analogue		FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade		FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver		FS1485 (T15IP)	FS1485 (T15IP)
	Sealing disc set			FS936 SET KOMPLETT
	Gasket			O-R 96X4

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P						M				K						S			H				
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WSM35G	WSM35S	WSP45G
	G	8	1.2		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	M	8	1.2		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	M	8	2		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	M	8	1.2		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	M	8	1.2		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	M	8	2		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	M	8	1.2		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	G	8	0.3	1.2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	G	8	0.3	1.2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	G	8	0.3	1.2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	M	8	0.3	1.2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	G	2	0.6	4.5	☺																						☺	

HC = Coated carbide

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

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

Face milling cutters

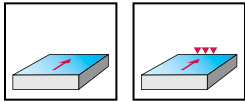
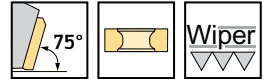
M5011

SN . X1205 ..; XNGX1205ENN

Xtra-tec® XT

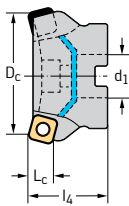


- 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5011	●	●	●	●	●	●	●

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
M5011-050-B22-04-08-AP	50	22	40	8	4	0,32	4	SN . X1205 .. XNGX1205ENN
M5011-063-B22-05-08-AP	63	22	40	8	5	0,67	5	
M5011-063-B27-05-08-AP	63	27	50	8	5	0,96	5	
M5011-080-B27-07-08-AP	80	27	50	8	7	1,04	7	
M5011-100-B32-08-08-AP	100	32	50	8	8	1,73	8	
M5011-125-B40-10-08-AP	125	40	63	8	10	3,17	10	

M5011...-AP with carbide shim | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts		Type D _c [mm]	SN . X1205 .. 50-125
	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		Type D _c [mm]	SN . X1205 .. 50-125
	Torque screwdriver, analogue		FS2003
	Torque screwdriver, digital		FS2248
	Interchangeable blade		FS2014 (T15IP)
	Screwdriver		FS1485 (T15IP)
	Key for shim screw		ISO2936-4 (SW 4)

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P							M				K						S		H				
					HC							HC				HC						HC		HC				
					WH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WH15X	WK25G	WK25S	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WSM35G	WSM35S	WSP45G
	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		☺	☺	☺	☺					☺			☺	☺	☺	☺								
	SNGX1205ENN-F27	G	8	0,3	1,2		☺	☺	☺								☺	☺	☺	☺								
	SNGX1205ENN-F57	G	8	0,3	1,2		☺	☺	☺								☺	☺	☺	☺								
	SNGX1205ENN-F67	G	8	0,3	1,2		☺	☺	☺								☺	☺	☺	☺								
	SNMX1205ENN-F57	M	8	0,3	1,2		☺	☺	☺								☺	☺	☺	☺								
	XNGX1205ENN-F67	G	2	0,6	4,5	☺				☺	☺		☺	☺	☺					☺	☺						☺	

HC = Coated carbide

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

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

Face milling cutters D 401

Face milling cutters

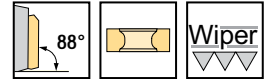
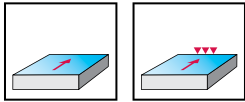
M5012 mm

SN . X0904 ..; XNGX0904ZNN

Xtra-tec® XT

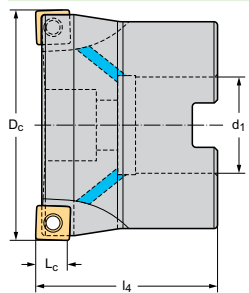


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5012	●	●	●	●	●	●	●

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
M5012-040-B16-04-08	40	16	40	8	4	0,24	4	SN . X0904 .. XNGX0904ZNN
M5012-050-B22-05-08	50	22	40	8	5	0,39	5	
M5012-050-B22-06-08	50	22	40	8	6	0,39	6	
M5012-063-B22-06-08	63	22	40	8	6	0,51	6	
M5012-063-B22-08-08	63	22	40	8	8	0,5	8	
M5012-063-B27-06-08	63	27	50	8	6	0,97	6	
M5012-063-B27-08-08	63	27	50	8	8	0,6	8	
M5012-080-B27-07-08	80	27	50	8	7	1,29	7	
M5012-080-B27-10-08	80	27	50	8	10	1,27	10	
M5012-100-B32-08-08	100	32	50	8	8	2,63	8	
M5012-100-B32-12-08	100	32	50	8	12	1,8	12	

Bodies and assembly parts are included in the scope of delivery

D2

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						M				K						N		S		H					
					HC						HC				HC						HC	HW	HC		HC					
					WH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WXN15	WK10	WSM35G	WSP45G	WHH15X	
SNGX0904ZNN-F57	G	8	0.6	1	☺	☺																								
SNGX0904ZNN-F67	G	8	0.6	1	☺	☺						☺																		
SNHX0904ZNN-K88	H	8	0.6	1																										
SNMX0904ZNN-F27	M	8	0.6	1		☺																								
SNMX0904ZNN-F57	M	8	0.6	1	☺	☺	☺							☺																
SNMX0904ZNN-F67	M	8	0.6	1								☺																		
SNMX090408-F27	M	8	0.8			☺	☺																							
SNMX090408-F57	M	8	0.8		☺	☺	☺							☺	☺	☺	☺	☺												
SNMX090408-F67	M	8	0.8																											
XNGX0904ZNN-F67	G	2	0.8	3.5	☺						☺	☺	☺																	☺

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

Face milling cutters

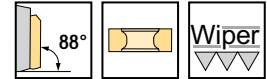
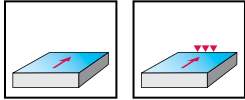
M5012 inch

SN . X0904 ..; XNGX0904ZNN

Xtra-tec® XT

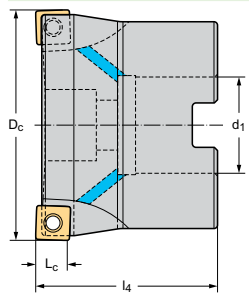


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5012	●	●	●	●	●	●	●

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
★ M5012.051-B19-06-08	2,000	0,750	1,500	0,315	6	0,829	6	SN . X0904 .. XNGX0904ZNN
★ M5012.064-B26-07-08	2,500	1,000	2,000	0,315	7	1,702	7	
★ M5012.076-B26-09-08	3,000	1,000	2,000	0,315	9	2,172	9	
★ M5012.102-B38-11-08	4,000	1,500	2,500	0,315	11	6,153	11	
★ M5012.127-B38-14-08	5,000	1,500	2,500	0,315	14	8,051	14	
★ M5012.152-B38-18-08	6,000	1,500	2,500	0,315	18	10,470	18	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [inch]	2-6
	Clamping screw for indexable insert Tightening torque	FS2579 (T8IP) 0,885 lbs
	Clamping screw for arbour-mounted tools	FS1518

Accessories

	D _c [inch]	2-6
	Torque screwdriver, analogue	FS2002
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P						M				K						N		S		H							
					HC						HC				HC						HC	HW	HC	HC								
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WXN15	WXI10	WSM35G	WSP45G	WHH15X			
	SNGX0904ZNN-F57	G	8	0,024	0,039	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	SNGX0904ZNN-F67	G	8	0,024	0,039	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	SNHX0904ZNN-K88	H	8	0,024	0,039																					☺	☺					
	SNMX0904ZNN-F27	M	8	0,024	0,039		☺	☺	☺												☺	☺	☺									
	SNMX0904ZNN-F57	M	8	0,024	0,039	☺	☺	☺	☺	☺	☺		☺	☺	☺			☺	☺	☺	☺	☺	☺						☺	☺		
	SNMX0904ZNN-F67	M	8	0,024	0,039					☺	☺		☺	☺	☺	☺					☺	☺	☺						☺	☺		
	SNMX090408-F27	M	8	0,031		☺	☺	☺												☺	☺	☺										
	SNMX090408-F57	M	8	0,031		☺	☺	☺	☺	☺		☺	☺	☺	☺			☺	☺	☺	☺	☺							☺	☺		
	SNMX090408-F67	M	8	0,031					☺	☺		☺	☺	☺	☺					☺	☺	☺							☺	☺		
	XNGX0904ZNN-F67	G	2	0,031	0,138	☺			☺	☺	☺	☺	☺	☺	☺	☺	☺						☺	☺							☺	

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

Face milling cutters

D 405

Face milling cutters

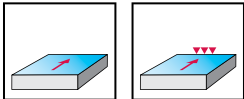
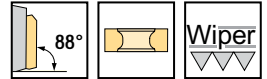
M5012

SN . X1205 ..; XNGX1205ZNN

Xtra-tec® XT



- 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5012	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	M5012-063-B22-07-10	63	22	40	10	7	0,46	7	SN . X1205 .. XNGX1205ZNN
	M5012-063-B27-07-10	63	27	50	10	7	0,84	7	
	M5012-080-B27-09-10	80	27	50	10	9	1,17	9	
	M5012-100-B32-11-10	100	32	50	10	11	1,69	11	
	M5012-125-B40-14-10	125	40	63	10	14	3,95	14	
 Shell mill mount DIN 138 transverse keyway	M5012-160-B40-18-10	160	40	63	10	18	4,69	18	SN . X1205 .. XNGX1205ZNN





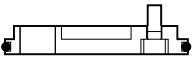

Bodies and assembly parts are included in the scope of delivery

D2





Assembly parts

	D _c [mm] Clamping screw for indexable insert Tightening torque	63–160 FS1459 (T15IP) 4 Nm
---	---	----------------------------------

Accessories

	D _c [mm] Torque screwdriver, analogue	63–125 FS2003	160 FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Sealing disc set	FS936 SET KOMPLETT	
	Gasket	O-R 96X4	

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P						M				K						N		S		H						
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WXN15	WK10	WSM35G	WSM35S	WSP45G	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		☺	☺	☺	☺	☺			☺	☺		☺		☺	☺	☺	☺					☺	☺	☺	☺			
	SNGX1205ZNN-F27	G	8	0.8	1.2	☺	☺	☺	☺								☺	☺	☺	☺											
	SNGX1205ZNN-F57	G	8	0.8	1.2	☺	☺	☺	☺			☺	☺				☺	☺	☺	☺					☺	☺	☺	☺			
	SNGX1205ZNN-F67	G	8	0.8	1.2	☺	☺	☺	☺			☺	☺		☺		☺	☺	☺	☺					☺	☺	☺	☺			
	SNHX1205ZNN-K88	H	8	0.8	1.2													☺	☺												
	SNMX1205ZNN-F57	M	8	0.8	1.2	☺	☺	☺	☺								☺	☺	☺	☺					☺	☺	☺	☺			
 	XNGX1205ZNN-F67	G	2	1	4	☺								☺	☺															☺	

HC = Coated carbide
HW = Uncoated carbide

Face milling cutters

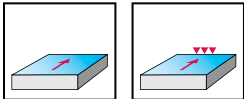
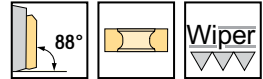
M5012 mm

SN . X1205 ..; XNGX1205ZNN

Xtra-tec® XT



– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5012	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	M5012-050-B22-04-10-AP	50	22	40	10	4	0,34	4	SN . X1205 .. XNGX1205ZNN
	M5012-063-B22-05-10-AP	63	22	40	10	5	0,48	5	
	M5012-063-B27-05-10-AP	63	27	50	10	5	0,87	5	
	M5012-080-B27-07-10-AP	80	27	50	10	7	1,02	7	
	M5012-100-B32-08-10-AP	100	32	50	10	8	1,77	8	
	M5012-125-B40-10-10-AP	125	40	63	10	10	3,27	10	
 Shell mill mount DIN 138 transverse keyway	M5012-160-B40-12-10-AP	160	40	63	10	12	4,81	12	SN . X1205 .. XNGX1205ZNN

M5012...-AP with carbide shim | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	50–160
	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]	50–125	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)
	Sealing disc set	FS936 SET KOMPLETT	
	Gasket	O-R 96X4	

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P					M					K					N		S		H											
					HC					HC					HC					HC	HW	HC	HC	HC											
					WPH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WKN15	WK10	WSM35G	WSM35S	WSP45G	WPH15X				
	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		☺	☺	☺	☺	☺								☺			☺	☺	☺	☺												
	SNGX1205ZNN-F27	G	8	0.8	1.2	☺	☺	☺												☺	☺	☺	☺												
	SNGX1205ZNN-F57	G	8	0.8	1.2	☺	☺	☺	☺												☺	☺	☺	☺											
	SNGX1205ZNN-F67	G	8	0.8	1.2	☺	☺	☺	☺												☺	☺	☺	☺											
	SNHX1205ZNN-K88	H	8	0.8	1.2																					☺	☺								
	SNMX1205ZNN-F57	M	8	0.8	1.2	☺	☺	☺													☺	☺	☺	☺											
	XNGX1205ZNN-F67	G	2	1	4	☺				☺		☺					☺	☺	☺						☺	☺								☺	

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

D2

Face milling cutters

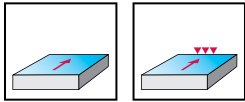
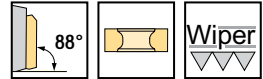
M5012 inch

SN . X1205 ..; XNGX1205ZNN

Xtra-tec® XT



- 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5012	●	●	●	●	●	●	●

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	★ M5012.051-B19-04-10-AP	2,000	0,750	1,500	0,394	4	0,712	4	SN . X1205 .. XNGX1205ZNN
	★ M5012.064-B26-05-10-AP	2,500	1,000	2,000	0,394	5	1,482	5	
	★ M5012.076-B26-07-10-AP	3,000	1,000	2,000	0,394	7	1,949	7	
	★ M5012.102-B38-08-10-AP	4,000	1,500	2,500	0,394	8	5,842	8	
	★ M5012.127-B38-10-10-AP	5,000	1,500	2,500	0,394	10	7,672	10	
	★ M5012.152-B38-12-10-AP	6,000	1,500	2,500	0,394	12	10,194	12	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

D _c [inch]		2	2,5-3	4-6
	Shim for indexable insert	AP800-SN1205 H81	AP800-SN1205 H81	AP800-SN1205 H81
	Clamping screw for shim	FS2069 (SW 4)	FS2069 (SW 4)	FS2069 (SW 4)
	Clamping screw for indexable insert Tightening torque	FS2617 (T15IP) 2,95 lbs	FS2617 (T15IP) 2,95 lbs	FS2617 (T15IP) 2,95 lbs
	Clamping screw for arbour-mounted tools	FS1518	FS1519	FS1583

Accessories

D _c [inch]		2-6
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)
	Key for shim screw	ISO2936-4 (SW 4)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P					M					K					N		S		H					
					HC					HC					HC					HC	HW	HC	HC	HC					
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WXN15	WK10	WSM35G	WSM35S
	SNGX120512-F57	G	8	0,047	☺	☺	☺	☺	☺	☺	☺	☺																	
	SNMX120512-D27	M	8	0,047	☺	☺	☺	☺							☺	☺	☺	☺	☺	☺									
	SNMX120520-D27	M	8	0,079	☺	☺	☺	☺							☺	☺	☺	☺	☺	☺									
	SNMX120512-F27	M	8	0,047	☺	☺	☺	☺																					
	SNMX120512-F57	M	8	0,047	☺	☺	☺	☺							☺	☺	☺	☺	☺	☺									
	SNMX120520-F57	M	8	0,079	☺	☺	☺	☺							☺	☺	☺	☺	☺	☺									
SNMX120512-F67	M	8	0,047	☺	☺	☺	☺						☺																
	SNGX1205ZNN-F27	G	8	0,031	0,047	☺	☺	☺	☺																				
	SNGX1205ZNN-F57	G	8	0,031	0,047	☺	☺	☺	☺						☺	☺	☺	☺	☺	☺									
	SNGX1205ZNN-F67	G	8	0,031	0,047	☺	☺	☺	☺					☺															
	SNHX1205ZNN-K88	H	8	0,031	0,047																		☺	☺					
	SNMX1205ZNN-F57	M	8	0,031	0,047	☺	☺	☺	☺						☺	☺	☺	☺	☺	☺									
	XNGX1205ZNN-F67	G	2	0,039	0,157	☺				☺	☺			☺	☺							☺	☺						☺

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

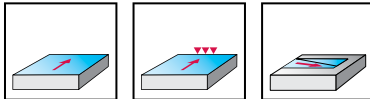
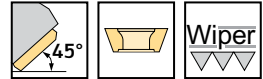
Face milling cutters

M4003 mm

SD .. 09T3AZN; SDHX09T3AZR

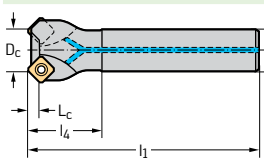


– 4 cutting edges per indexable insert

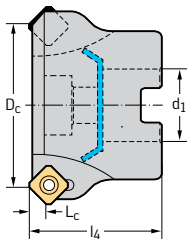


	P	M	K	N	S	H	O
M4003	●	●	●	●	●	●	●

Tool



Cylindrical shank



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
M4003-020-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	
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	0,29	6	
M4003-050-B22-06-4.5	50	22	40		4,5	6	0,51	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	1,87	14	

Bodies and assembly parts are included in the scope of delivery

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					M					K					N			S		H								
					HC					HC					HC					DP	HC	HW	HC		HC								
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G	WHH15X	
	G	4	0.3	1.4	☺	☺	☺	☺	☺																								
	G	4	0.3	1.2					☺																								
	H	4	0.3	1.2																				☺	☺								
	M	4	0.3	1.2																													
	M	4	0.3	1.4	☺	☺	☺	☺	☺																								
	M	4	0.3	1.2										☺																			
	G	1	0.3	1.2																													
	G	1	0.4																														
	H	1	0.5	5.6	☺				☺	☺			☺	☺	☺																	☺	
	H	4	0.4																														
	H	4	0.8																														
	M	4	0.4																														
	M	4	0.8		☺	☺	☺	☺	☺																								
	M	4	1.2																														
	M	4	1.6																														
	M	4	2																														
	M	4	0.8		☺	☺	☺	☺	☺																								
	M	4	0.8		☺	☺	☺	☺	☺																								
	M	4	0.8		☺	☺	☺	☺	☺																								
	M	4	2																														

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

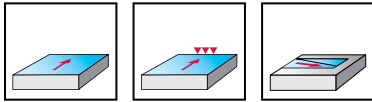
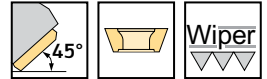
Face milling cutters

M4003 inch

SD .. 09T3AZN; SDHX09T3AZR



- 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4003	●	●	●	●	●	●	●

Tool

	Designation	D _c inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>Cylindrical shank</p>	M4003.019-A19-02-4.5	0,750	0,750	1,378	4,331	0,177	2	0,644	2	SD .. 09T3AZN
	M4003.026-A26-03-4.5	1,000	1,000	1,378	4,331	0,177	3	1,078	3	SDHX09T3AZR
<p>Shell mill mount DIN 138 transverse keyway</p>	M4003.031-B13-04-4.5	1,250	0,500	1,575		0,177	4	0,507	4	SD .. 09T3AZN
	M4003.038-B19-04-4.5	1,500	0,750	1,575		0,177	4	0,743	4	SDHX09T3AZR
	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

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										M					K							N			S					H
					HC										HC												DP	HC	HW	HC					HC
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WDN20	WXN15	WKL0	WSM35G	WSM45X	WSP45G	WHH15X			
SDGT09T3AZN-F57	G	4	0,012	0,055	☺	☺	☺	☺	☺				☺																						
SDGT09T3AZN-G77	G	4	0,012	0,047																☺															
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									☺																						
SDGW09T3AZR-A88	G	1	0,012	0,047																									☺						
SDGW09T304-A88	G	1	0,016																										☺						
SDHX09T3AZR-A88	H	1	0,020	0,22	☺			☺	☺			☺	☺	☺							☺	☺								☺					
SDHT09T304-G88	H	4	0,016																								☺	☺							
SDHT09T308-G88	H	4	0,031																								☺	☺							
SDMT09T304-F57	M	4	0,016				☺	☺	☺																										
SDMT09T308-F57	M	4	0,031				☺	☺	☺				☺																						
SDMT09T312-F57	M	4	0,047																																
SDMT09T316-F57	M	4	0,063																																
SDMT09T320-F57	M	4	0,079																																
SDMT09T308-D51	M	4	0,031				☺	☺	☺																										
SDMT09T308-D57	M	4	0,031				☺	☺	☺					☺																					
SDMW09T308-A57	M	4	0,031																																
SDMW09T320-A57	M	4	0,079																																

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

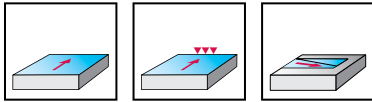
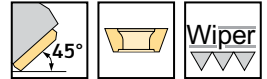
Face milling cutters D 415

D2

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
<p>Cylindrical shank</p>	M4003-025-A25-02-6.5	25	25	35	110	6,5	2	0,5	2	SD .. 1204AZN SDHX1204AZR
	M4003-040-B16-04-6.5	40	16	40		6,5	4	0,36	4	SD .. 1204AZN SDHX1204AZR
<p>Shell mill mount DIN 138 transverse keyway</p>	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	0,58	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	
<p>Shell mill mount DIN 138 transverse keyway</p>	M4003-125-B40-08-6.5	125	40	63		6,5	8	3,43	8	SD .. 1204AZN SDHX1204AZR
	M4003-125-B40-13-6.5	125	40	63		6,5	13	3,39	13	
	M4003-160-B40-09-6.5	160	40	63		6,5	9	4,34	9	
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

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					M					K					N			S			H									
					HC					HC					HC					DP	HC	HW	HC			HC									
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G	WHH15X			
	G	4	0.3	1.8	☺	☺	☺	☺	☺	☺		☺	☺	☺	☺	☺					☺	☺	☺												
	G	4	0.3	1.4						☺					☺																				
	H	4	0.3	1.4																															
	M	4	0.3	1.4	☺	☺	☺	☺	☺						☺						☺	☺	☺	☺											
	M	4	0.3	1.8	☺	☺	☺	☺	☺						☺						☺	☺	☺	☺											
	M	4	0.3	1.4	☺	☺	☺	☺									☺	☺	☺	☺	☺	☺	☺												
	H	1	0.5	7.5	☺				☺	☺					☺	☺	☺																		☺
	G	1	0.8																																
	H	4	0.8																																
	M	4	0.8		☺	☺	☺	☺	☺						☺						☺	☺	☺	☺											
	M	4	0.8		☺	☺	☺	☺	☺						☺						☺	☺	☺	☺											
	M	4	0.8		☺	☺	☺	☺	☺						☺						☺	☺	☺	☺											
	M	4	1.2																																
	M	4	1.6																																
	M	4	2																																
	M	4	2.5																																
	M	4	0.8		☺	☺	☺	☺													☺	☺	☺	☺											
	M	4	2.5																																

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

D2

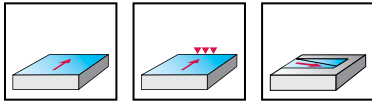
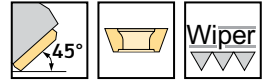
Face milling cutters

M4003 inch

SD .. 1204AZN; SDHX1204AZR

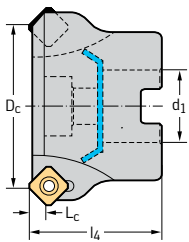


– 4 cutting edges per indexable insert



	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

D2

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										M					K					N			S			H			
					HC										HC										DP			HC			HC			
					WHI15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHI15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WDN20	WXN15	WKL0	WSM35G	WSM45X	WSP45G	WHI15X		
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	☺				☺	☺						☺	☺	☺																☺
SDGW120408-A88	G	1	0,031																															
SDHT120408-G88	H	4	0,031																															
SDMT120408-D51	M	4	0,031		☺	☺	☺	☺	☺	☺											☺	☺	☺											
SDMT120408-D57	M	4	0,031		☺	☺	☺	☺	☺	☺											☺	☺	☺											
SDMT120408-F57	M	4	0,031		☺	☺	☺	☺	☺	☺							☺				☺	☺	☺											
SDMT120412-F57	M	4	0,047																		☺	☺	☺											
SDMT120416-F57	M	4	0,063																		☺	☺	☺											
SDMT120420-F57	M	4	0,079																		☺	☺	☺											
SDMT120425-F57	M	4	0,098																		☺	☺	☺											
SDMW120408-A57	M	4	0,031		☺	☺	☺	☺													☺	☺	☺											
SDMW120425-A57	M	4	0,098		☺	☺	☺	☺													☺	☺	☺											

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

Heptagon face milling cutters

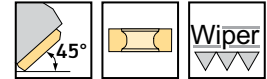
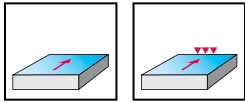
M3024

XN . U0705 ..; XNGX0705ANN

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
<p>Shell mill mount DIN 138 transverse keyway</p>	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	0,77	6	
	M3024-080-B27-06-04	80	89,8	27	50	4	6	1,21	6	
	M3024-080-B27-07-04	80	89,8	27	50	4	7	1,44	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	3,4	8	
<p>Shell mill mount DIN 138 transverse keyway</p>	M3024-125-B40-10-04	125	134,8	40	63	4	10	4,28	10	XN . U0705 .. XNGX0705ANN
	M3024-160-B40-09-04	160	169,8	40	63	4	9	6,61	9	
	M3024-160-B40-12-04	160	169,8	40	63	4	12	5,65	12	

Bodies and assembly parts are included in the scope of delivery

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										M					K					S			H	
					HC					HC					HC					HC			HC						
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WSM35G	WSM45X	WSP45G	WHH15X	
XNGU0705ANN-F57	G	14	0,8	1,1	☺	☺	☺	☺	☺	☺		☺	☺	☺	☺					☺	☺	☺			☺	☺	☺		
XNGX0705ANN-F67	G	2	0,8	5,7	☺			☺			☺	☺				☺	☺	☺					☺					☺	
XNMMU070508-F57	M	14	0,8		☺	☺	☺	☺	☺	☺			☺	☺						☺	☺	☺			☺	☺	☺		
XNMMU0705ANN-F27	M	14	0,8	1,1	☺	☺	☺	☺	☺	☺			☺	☺						☺	☺	☺			☺	☺	☺		
XNMMU0705ANN-F57	M	14	0,8	1,1	☺	☺	☺	☺	☺	☺			☺	☺						☺	☺	☺			☺	☺	☺		
XNMMU0705ANN-F67	M	14	0,8	1,1	☺	☺	☺	☺	☺	☺			☺	☺						☺	☺	☺			☺	☺	☺		

XNGX0705ANN-F67 wiper insert only in combination with XNGU0705ANN...

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺ → Good = ☺ → Moderate = ☺

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

Heptagon face milling cutters

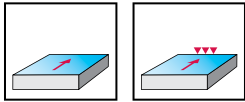
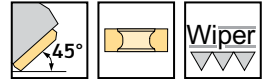
M3024 inch

XN . U0705 ..; XNGX0705ANN

Walter BLAXX

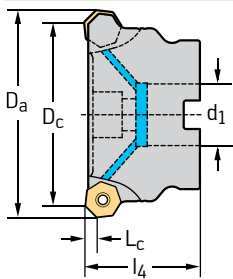


– 14 cutting edges per indexable insert



	P	M	K	N	S	H	O
M3024	●●	●●	●●	●●	●●	●●	●●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D _c inch	D _a inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
M3024.051-B19-04-04	2,000	2,386	0,750	1,575	0,157	4	1,102	4	XN . U0705 .. XNGX0705ANN
M3024.064-B26-06-04	2,500	2,886	1,000	1,575	0,157	6	1,812	6	
M3024.076-B26-07-04	3,000	3,386	1,000	1,969	0,157	7	3,02	7	
M3024.102-B31-08-04	4,000	4,386	1,250	1,969	0,157	8	6,468	8	
M3024.127-B38-10-04	5,000	5,386	1,500	2,48	0,157	10	9,85	10	
M3024.152-B38-12-04	6,000	6,386	1,500	2,48	0,157	12	15,668	12	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

D _c [inch]		2	2,5-3	4	5-6
	Shim for indexable insert	AP800-XN0705 H81	AP800-XN0705 H81	AP800-XN0705 H81	AP800-XN0705 H81
	Clamping screw for shim	FS2068 (SW 3,5)	FS2068 (SW 3,5)	FS2068 (SW 3,5)	FS2068 (SW 3,5)
	Clamping screw for indexable insert Tightening torque	FS2279 (T15IP) 2,213 lbs	FS2279 (T15IP) 2,213 lbs	FS2279 (T15IP) 2,213 lbs	FS2279 (T15IP) 2,213 lbs
	Clamping screw for arbour-mounted tools	FS1523	FS1519	FS1339	FS1583

Accessories

D _c [inch]		2-6
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)
	Key for shim screw	ISO2936-3,5 (SW 3,5)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P				M				K				S		H										
					HC				HC				HC				HC	HC											
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WSM35G	WSM45X	WSP45G	WHH15X	
XNGU0705ANN-F57	G	14	0,031	0,043	☺	☺	☺	☺	☺	☺		☺	☺	☺	☺					☺	☺	☺	☺		☺	☺	☺		
XNGX0705ANN-F67	G	2	0,031	0,224	☺			☺			☺	☺				☺	☺	☺					☺	☺					☺
XNMMU070508-F57	M	14	0,031		☺	☺	☺	☺	☺			☺	☺	☺	☺					☺	☺	☺	☺		☺	☺	☺		
XNMMU0705ANN-F27	M	14	0,031	0,043	☺	☺	☺	☺	☺			☺	☺	☺	☺				☺	☺	☺	☺	☺		☺	☺	☺		
XNMMU0705ANN-F57	M	14	0,031	0,043	☺	☺	☺	☺	☺			☺	☺	☺	☺				☺	☺	☺	☺	☺		☺	☺	☺		
XNMMU0705ANN-F67	M	14	0,031	0,043	☺	☺	☺	☺	☺			☺	☺	☺	☺				☺	☺	☺	☺	☺		☺	☺	☺		

XNGX0705ANN-F67 wiper insert only in combination with XNGU0705ANN . .

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺ → Good = ☺ → Moderate = ☺

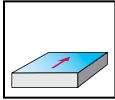
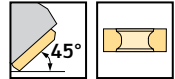
☺ ☺ ☺ / * = New addition to the product range

Face milling cutters D 423

Heptagon face milling cutters

M3024
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
<p>Shell mill mount DIN 138 transverse keyway</p>	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	3,39	8	
<p>Shell mill mount DIN 138 transverse keyway</p>	M3024-160-B40-09-06	160	172,86	40	63	6	9	6,49	9	XN . U0906 .. XNGX0906ANN

Bodies and assembly parts are included in the scope of delivery

D2

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				M				K				S			
				HC				HC				HC				HC			
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSM45X
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 = Coated carbide

Heptagon face milling cutters

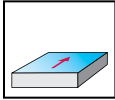
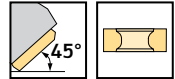
M3024 inch

XN . U0906 ..; XNGX0906ANN

Walter BLAXX

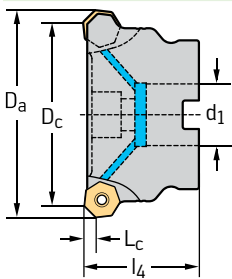


– 14 cutting edges per indexable insert



	P	M	K	N	S	H	O
M3024	●	●	●	●	●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D _c inch	D _a inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
M3024.064-B26-05-06	2,500	3,006	1,000	1,575	0,236	5	1,797	5	XN . U0906 .. XNGX0906ANN
M3024.076-B26-06-06	3,000	3,506	1,000	1,969	0,236	6	2,879	6	
M3024.102-B31-07-06	4,000	4,506	1,250	1,969	0,236	7	6,182	7	
M3024.127-B38-08-06	5,000	5,506	1,500	2,48	0,236	8	9,844	8	
M3024.152-B38-09-06	6,000	6,506	1,500	2,48	0,236	9	15,684	9	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

D _c [inch]		2,5	3	4	5-6
	Shim for indexable insert	AP800-XN0906 H81	AP800-XN0906 H81	AP800-XN0906 H81	AP800-XN0906 H81
	Clamping screw for shim	FS2091 (SW 5)	FS2091 (SW 5)	FS2091 (SW 5)	FS2091 (SW 5)
	Clamping screw for indexable insert Tightening torque	FS2112 (T20IP) 3,688 lbs	FS2112 (T20IP) 3,688 lbs	FS2112 (T20IP) 3,688 lbs	FS2112 (T20IP) 3,688 lbs
	Clamping screw for arbour-mounted tools	FS1586	FS1519	FS1339	FS1583

Accessories

D _c [inch]		2,5-6
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)
	Key for shim screw	ISO2936-5 (SW 5)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	P				M				K				S			
				HC				HC				HC				HC			
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSM45X
XNMU090612-F57	M	14	0,047	☺	☺	☺	☺											☺	
XNMU0906ANN-F27	M	14	0,031	☺	☺	☺				☺	☺	☺	☺						
XNMU0906ANN-F57	M	14	0,031	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺			☺	
XNMU0906ANN-F67	M	14	0,031	☺	☺			☺		☺	☺	☺	☺	☺	☺			☺	

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

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

Face milling cutters

D 427

Heavy Duty Face Mill

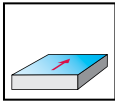
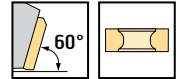
M3016

LNMX201012R

Walter BLAXX



- Tangential arrangement of indexable inserts
- 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M3016	●	●	●	●	●		

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	M3016-125-B40-06-16	125	143,6	40	63	16	6	5,15	6	LNMX201012R
	M3016-160-B40-07-16	160	178,6	40	63	16	7	6,38	7	LNMX201012R
	M3016-200-B60-09-16	200	218,6	60	63	16	9	11,35	9	
<p>Shell mill mount DIN 138 transverse keyway</p>	M3016-250-B60-11-16	250	268,6	60	63	16	11	16	11	LNMX201012R
	M3016-315-B60-13-16	315	333,6	60	80	16	13	32	13	
<p>Shell mill mount DIN 138 transverse keyway</p>										

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]	125–315
	Clamping screw for indexable insert	FS2090 (T20IP)
	Tightening torque	6,4 Nm
	Clamping screw for stop piece	FS2081 (T15IP)
	Tightening torque	4 Nm
	Stop piece	FR753

Accessories

	D _c [mm]	125–315
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for stop piece	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for insert screw	FS2048 (T20IP)
	Screwdriver for indexable insert	FS1486 (T20IP)
	Screwdriver for stop piece	FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	P		M	K		S
				HC		HC	HC		HC
				WKP25S	WKP35G	WSP45G	WKP25S	WKP35G	WSP45G
	LNMX201012R-F27T	M	4	1.2					
	LNMX201012R-F57T	M	4	1.2					

HC = Coated carbide

Heptagon face milling cutters

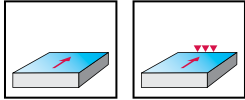
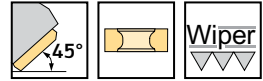
F4045

XNHF0705 ..; XNHX0705ANN

Xtra-tec®

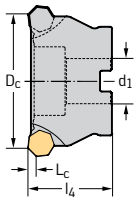


– 14 cutting edges per indexable insert



	P	M	K	N	S	H	O
F4045			●●			●	

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
F4045.B27.063.Z09.04	63	27	50	4	9	0,94	9	XNHF0705 .. XNHX0705ANN
F4045.B27.080.Z11.04	80	27	50	4	11	1,48	11	
F4045.B32.100.Z14.04	100	32	50	4	14	2,69	14	
F4045.B40.125.Z18.04	125	40	63	4	18	4,02	18	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [mm]	63–125
	Clamping wedge	FK374
	Clamping screw for clamping wedge Tightening torque	FS2134 (T15IP) 6 Nm

Accessories

	D _c [mm]	63–125
	Torque T-handle	FS2041
	Interchangeable blade for clamping wedge	FS2047 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P			K						H	
					HC		WAK15	WHH15X	HC				WHH15X	HC	
					WKP255	WKP35G			WKP35S	WKK25G	WKP25S	WKP35G			WKP35S
	XNHF070508-D27	H	14	0.8											
	XNHF070508-D57	H	14	0.8											
	XNHF070508-D67	H	14	0.8											
	XNMF070508-D27	M	14	0.8											
	XNMF070508-F57	M	14	0.8											
	XNHF0705ANN-D27	H	14	0.8	1.1										
	XNHF0705ANN-D57	H	14	0.8	1.1										
	XNHF0705ANN-D67	H	14	0.8	1.1										
	XNHX0705ANN-D67	H	2	0.8	5.8										

XNHX0705ANN-D67 wiper insert only in combination with XNHF070508 . .

HC = Coated carbide

Heptagon face milling cutters

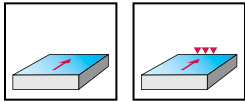
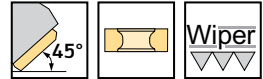
F4045

XNHF0906 ..; XNHX0906ANN

Xtra-tec®



- 14 cutting edges per indexable insert



	P	M	K	N	S	H	O
F4045			●●			●	

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F4045.B32.100.Z12.06	100	32	50	6	12	2,77	12	XNHF0906 .. XNHX0906ANN
	F4045.B40.125.Z16.06	125	40	63	6	16	3,99	16	
<p>Shell mill mount DIN 138 transverse keyway</p>	F4045.B40.160.Z20.06	160	40	63	6	20	6,37	20	XNHF0906 .. XNHX0906ANN

D2

Assembly parts

	D _c [mm]	100	125-160
	Clamping wedge		FK375
	Clamping screw for clamping wedge		FS2157 (T25IP) 6 Nm

Accessories

	D _c [mm]	100	125-160
	Torque T-handle		FS2041
	Interchangeable blade for clamping wedge		FS2049 (T25IP)
	Screwdriver		FS1487 (T25IP)

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P			K						H	
					HC			HC						HC	
					WKP255	WKP35G	WKP35S	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WHH15X	
	XNHF090612-D27	H	14	1.2											
	XNHF090612-D57	H	14	1.2											
	XNMF090612-D27	M	14	1.2											
	XNMF090612-D57	M	14	1.2											
	XNMF090612-F57	M	14	1.2											
	XNHF0906ANN-D27	H	14	0.8	1.4										
	XNHF0906ANN-D57	H	14	0.8	1.4										
	XNHX0906ANN-D67	H	2	0.6	7.5										

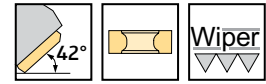
XNHX0906ANN-D67 wiper insert only in combination with XNHF090612...

HC = Coated carbide

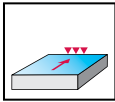
Octagonal Finishing Face Mill

M2025 / M2026 mm

ONHF050408



– 16 cutting edges per indexable insert



	P	M	K	N	S	H	O
M2025			●●			●	
M2026			●●			●	

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z*	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	M2025-080-B27-12-03	80	88	27	50	3	12	1,46	9	ONHF050408
	M2025-100-B32-15-03	100	108	32	50	3	15	1,97	12	ONHF050408
	M2025-125-B40-18-03	125	133	40	63	3	18	4,16	15	
	M2025-160-B40-21-03	160	168	40	63	3	21	5,1	18	
 Shell mill mount DIN 138 transverse keyway	M2026-200-B60-27-03	200	208	60	63	3	27	9,29	24	ONHF050408
	M2026-250-B60-33-03	250	258	60	63	3	33	15,22	30	

*Example: Z = 9 + 3 (9 roughing inserts + 3 wiper cutting edges) | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

		Type	ONHF050408
		Clamping wedge	FK379
		Clamping screw for clamping wedge Tightening torque	K24-111 (T15IP) 6,5 Nm
		Clamping screw for indexable insert Tightening torque	FS1458 (T15IP) 2,5 Nm

Accessories

		Type	ONHF050408
		Torque screwdriver, analogue	FS2003
		Torque screwdriver, digital	FS2248
		Interchangeable blade for insert screw	FS2014 (T15IP)
		Torque T-handle	FS2041
		Interchangeable blade for clamping wedge	FS2047 (T15IP)
		Screwdriver for clamping screw	FS1486 (T20IP)
		Screwdriver for clamping wedge	FS1485 (T15IP)

Indexable inserts

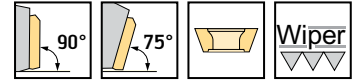
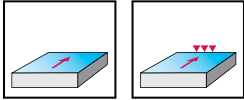
Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		K		H		
					HC	HC	HC	HC			
						WHH15X	WKP25S	WAK15	WHH15X	WKP25S	WHH15X
 ONHF050408-F67	H	16	0,8			☺	☺	☺	☺	☺	☺
 P45424-1-G67	G	4		8		☺		☺	☺		☺
 P45424-2-G67	G	4		15		☺		☺	☺		☺

HC = Coated carbide

Face milling cutters for light metals

F2250 mm
SPH . 1204 . DR


- Adjustable runout
- 1 cutting edge per indexable insert



	P	M	K	N	S	H	O
F2250				●●			

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
	F2250.B22.063.Z05.03	63	22	40	3	5	0,43	5	SPH . 1204 . DR
	F2250.B27.080.Z06.03	80	27	50	3	6	0,78	6	
	F2250.B32.100.Z07.03	100	32	50	3	7	1,3	7	

Shell mill mount DIN 138 transverse keyway

Pre-balanced tools | D_c 80–100 mm, basic body made of steel; D_c 125–200 mm, basic body made of aluminium | *Approach angle $\kappa = 75^\circ$ (EDR) / $\kappa = 90^\circ$ (PDR) | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [mm]	63–100
	Clamping screw for indexable insert Tightening torque	FS1030 (T20) 5 Nm
	Countersunk screw Tightening torque	FS1148 (SW 2,5) 3,5 Nm
	Balancing screw Tightening torque	FS1145 (SW 2,5) 3,5 Nm

Accessories

	D _c [mm]	63–100
	Screwdriver for indexable insert	FS228 (T20)
	ISO 2936 key: Tapered/balancing screw	ISO2936-2,5 (SW 2,5)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	b mm	N	
				DP	WC10
 SPHW1204EDR-A88 SPHW1204PDR-A88	H	1	1,5	☺	☺
	H	1	1,5	☺	☺
 SPHX1204PDR-A88	H	1	3,5	☺	☺

SPHX1204PDR-A88 wiper insert only in combination with SPHW1204PDR-A88 . .

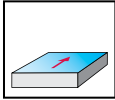
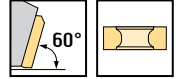
DP = Polycrystalline diamond

Heavy Duty Face Mill

F2260 mm



- Tangential arrangement of indexable inserts
- 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2260	●		●●				

Tool		Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
		F2260.B.100.Z06.11	100	113	32	50	11	6	2,17	6	LNMU150812
		F2260.B.125.Z08.11	125	138	40	63	11	8	3,54	8	
Shell mill mount DIN 138 transverse keyway											
		F2260.B.160.Z10.11	160	173	40	63	11	10	5,43	10	LNMU150812
		F2260.B.200.Z12.11	200	213	60	63	11	12	10,82	12	
		F2260.B.250.Z14.11	250	263	60	63	11	14	15,6	14	
Shell mill mount DIN 138 transverse keyway											

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [mm]	100–250
	Clamping screw for indexable insert Tightening torque	FS1009 (T20) 5 Nm

Accessories

	D _c [mm]	100–250
	Screwdriver for indexable insert	FS228 (T20)
	Torque T-handle	FS2041
	Interchangeable blade	FS2044 (T20)

Indexable inserts

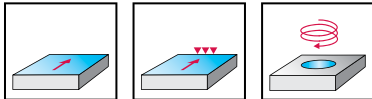
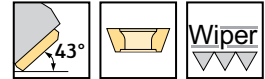
Designation	Tolerance class	Number of cutting edges	r mm	P		M	K		S				
				HC		HC	HC	HC					
				WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WAK15	WKP25S	WKP35G	WKP35S	WSP45G
LNMU150812-F57T	M	4	1.2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNMU150812T-F27T	M	4	1.2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide

Face milling cutters

F2010 mm
OD .. 0605 ..; ODHX0605ZZR


- Adjustable runout
- 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.080.Z06.04.R592M	80	90	27	50	4	6	1,22	6	OD .. 0605 .. ODHX0605ZZR
	F2010.B.100.Z07.04.R592M	100	110	32	50	4	7	1,82	7	OD .. 0605 .. ODHX0605ZZR
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.125.Z08.04.R592M	125	135	40	63	4	8	3,72	8	
	<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.160.Z10.04.R592M	160	170	40	63	4	10	5,53	10
F2010.B.200.Z12.04.R592M		200	210	60	63	4	12	8,08	12	
F2010.B.250.Z12.04.R592M		250	260	60	63	4	12	15,55	12	
F2010.B.250.Z16.04.R592M		250	260	60	63	4	16	16,3	16	
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.315.Z14.04.R592M	315	325	60	80	4	14	27,5	14	OD .. 0605 .. ODHX0605ZZR
	F2010.B.315.Z18.04.R592M	315	325	60	80	4	18	27,5	18	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts

	D _c [mm]	80–315
	Cartridge for tool body	FR592M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1030 (T20) 5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80–315
	ODHX0605ZZN... Cartridge: Finishing insert	FR681M
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Interchangeable blade	FS2051 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2044 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M		K					N		S		H								
						HC	HC	HC	HC	CN	HC	HC	HW	HC	HW	HC	HC										
						WHH15X	WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WSN10	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WKK10	WSM35G	WSM45X	WSP45G	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 Si₃N₄
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺ → Good = ☺ → Moderate = ☺

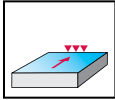
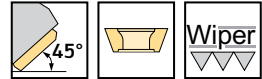
☺ ☺ ☺ / * = New addition to the product range

D 2

Face milling cutters

F2010 mm
ODHX0605ZZN


- Adjustable runout
- 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.080.Z06.02.R681M	80	90	27	50	2	6	1,28	6	ODHX0605ZZN
	F2010.B.100.Z07.02.R681M	100	110	32	50	2	7	1,87	7	ODHX0605ZZN
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.125.Z08.02.R681M	125	135	40	63	2	8	3,7	8	
	<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.160.Z10.02.R681M	160	170	40	63	2	10	5,68	10
F2010.B.200.Z12.02.R681M		200	210	60	63	2	12	9,8	12	
F2010.B.250.Z16.02.R681M		250	260	60	63	2	16	16,13	16	
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.315.Z18.02.R681M	315	325	60	80	2	18	27,54	18	ODHX0605ZZN

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts

	D _c [mm]	80–315
	Cartridge for tool body	FR681M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1030 (T20) 5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80–315
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Interchangeable blade	FS2044 (T20)

Indexable inserts

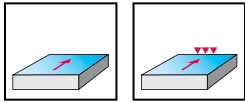
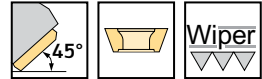
Designation	Tolerance class	Number of cutting edges	b mm	P		M		K			H
				WHH15X	HC	WPM15G	HC	WAK15	WHH15X	WPM15G	WXM15
ODHX0605ZZN-A57	H	8	6	☺		☺		☺	☺	☺	☺
ODHX0605ZZN-A88	H	8	6	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide

Face milling cutters

F2010 mm
SD .. 1204AZN; SDHX1204AZR


- Adjustable runout
- 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.080.Z06.06.R758M	80	94	27	50	6	6	1,2	6	SD .. 1204AZN SDHX1204AZR
	F2010.B.100.Z07.06.R758M	100	114	32	50	6	7	1,8	7	SD .. 1204AZN SDHX1204AZR
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.125.Z08.06.R758M	125	139	40	63	6	8	3,5	8	SD .. 1204AZN SDHX1204AZR
	F2010.B.160.Z10.06.R758M	160	174	40	63	6	10	5,5	10	SD .. 1204AZN SDHX1204AZR
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.200.Z12.06.R758M	200	214	60	63	6	12	8,3	12	SD .. 1204AZN SDHX1204AZR
	F2010.B.250.Z12.06.R758M	250	264	60	63	6	12	14,7	12	SD .. 1204AZN SDHX1204AZR
	F2010.B.250.Z16.06.R758M	250	264	60	63	6	16	14,6	16	SD .. 1204AZN SDHX1204AZR
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.315.Z14.06.R758M	315	329	60	80	6	14	26,3	14	SD .. 1204AZN SDHX1204AZR
	F2010.B.315.Z18.06.R758M	315	329	60	80	6	18	26,2	18	SD .. 1204AZN SDHX1204AZR

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts		D _c [mm]	80–315
	Cartridge for tool body		FR758M
	Clamping screw for cartridge Tightening torque		FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque		FS1453 (T15IP) 3,5 Nm
	Adjusting pin		FS303 (T20)

Accessories		D _c [mm]	80–315
	Torque screwdriver, analogue		FS2003
	Torque screwdriver, digital		FS2248
	Interchangeable blade for insert screw		FS2014 (T15IP)
	Torque T-handle		FS2041
	Interchangeable blade for cartridge		FS2051 (SW 4)
	Screwdriver for indexable insert		FS1485 (T15IP)
	Screwdriver for adjusting pin		FS228 (T20)
	ISO 2936 key for cartridge		ISO2936-4 (SW 4)

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P										M					K					N			S		H					
					HC										HC					HC					DP	HC	HW	HC	HC	HC					
					WHP15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHP15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G	WHP15X			
	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	☺	☺	☺	☺					☺																					
	SDGW120408-A88	G	1	0.8																															
	SDHT120408-G88	H	4	0.8																															
	SDMT120408-D51	M	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																															
		SDHX1204AZR-A88	H	1	0.5	7.5	☺							☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

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

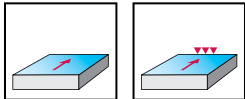
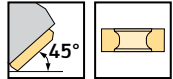
☺ ☺ ☺ / * = New addition to the product range

D2

Face milling cutters

F2010
SN . X1205 ..; XNGX1205ANN


- Adjustable runout
- 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.06.R720M	80	94	27	50	6,5	6	1,36	6	SN . X1205 .. XNGX1205ANN
	F2010.B.100.Z07.06.R720M	100	114	32	50	6,5	7	1,97	7	SN . X1205 .. XNGX1205ANN
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.06.R720M	125	139	40	63	6,5	8	3,62	8	
	 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.06.R720M	160	174	40	63	6,5	10	5,74	10
F2010.B.200.Z12.06.R720M		200	214	60	63	6,5	12	9,78	12	
F2010.B.250.Z12.06.R720M		250	264	60	63	6,5	12	16,55	12	
F2010.B.250.Z16.06.R720M		250	264	60	63	6,5	16	16,2	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.06.R720M	315	329	60	80	6,5	14	27,53	14	SN . X1205 .. XNGX1205ANN
	F2010.B.315.Z18.06.R720M	315	329	60	80	6,5	18	28	18	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

D2

Assembly parts

	D _c [mm]	80-315
	Cartridge for tool body	FR720M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1459 (T15IP) 4 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80-315
	Cartridge: XNGX1205ANN-F67 finish insert	FR730M
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P										M					K					N		S			H						
					HC					HC					HC					HC		HC			HC											
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WXN15	WK10	WSM35G	WSM35S	WSP45G	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	☺				☺	☺						☺	☺	☺						☺	☺									☺	

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

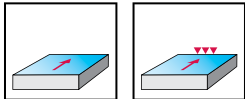
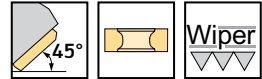
Face milling cutters D 447

D2

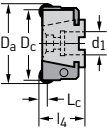
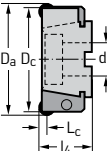
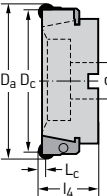
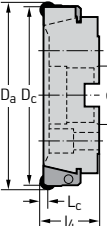
Face milling cutters

F2010 mm
XN . U0705 ..; XNGX0705ANN


- Adjustable runout
- 14 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
 <p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.080.Z06.04.R759M	80	90	27	50	4	6	1,2	6	XN . U0705 .. XNGX0705ANN
	F2010.B.100.Z07.04.R759M	100	110	32	50	4	7	1,8	7	XN . U0705 .. XNGX0705ANN
 <p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.125.Z08.04.R759M	125	135	40	63	4	8	3,5	8	
	 <p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.160.Z10.04.R759M	160	170	40	63	4	10	5,5	10
F2010.B.200.Z12.04.R759M		200	210	60	63	4	12	8,3	12	
F2010.B.250.Z12.04.R759M		250	260	60	63	4	12	14,7	12	
F2010.B.250.Z16.04.R759M		250	260	60	63	4	16	16,37	16	
 <p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.315.Z14.04.R759M	315	325	60	80	4	14	26,3	14	XN . U0705 .. XNGX0705ANN
	F2010.B.315.Z18.04.R759M	315	325	60	80	4	18	26,2	18	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

D _c [mm]		80–315
	Cartridge for tool body	FR759M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 3 Nm
	Adjusting pin	FS303 (T20)

Accessories

D _c [mm]		80–315
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P										M				K				S		H
					HC										HC				HC		HC				
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WSM35G
 XNGU0705ANN-F57	G	14	0.8	1.1	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
 XNGX0705ANN-F67	G	2	0.8	5.7	☺				☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺	☺	☺
 XNMMU070508-F57	M	14	0.8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
 XNMMU0705ANN-F27	M	14	0.8	1.1	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
 XNMMU0705ANN-F57	M	14	0.8	1.1	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
 XNMMU0705ANN-F67	M	14	0.8	1.1	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

XNGX0705ANN-F67 wiper insert only in combination with XNGU0705ANN . . .

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

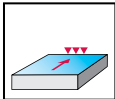
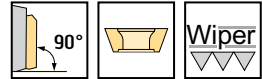
☺ ☺ ☺ / * = New addition to the product range

D2

Face milling cutters

F2010 mm
P2903-2R


- Adjustable runout
- 3 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.09.R500M	80		27	50	9	6	1,14	6	P2903-2R
	F2010.B.100.Z07.09.R500M	100		32	50	9	7	1,15	7	P2903-2R
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.09.R500M	125		40	63	9	8	3,31	8	P2903-2R
	F2010.B.160.Z10.09.R500M	160		40	63	9	10	5,27	10	P2903-2R
 Shell mill mount DIN 138 transverse keyway	F2010.B.200.Z12.09.R500M	200		60	63	9	12	9,5	12	P2903-2R
	F2010.B.250.Z12.09.R500M	250		60	63	9	12	16,25	12	P2903-2R
	F2010.B.250.Z16.09.R500M	250		60	63	9	16	16,5	16	P2903-2R
	F2010.B.315.Z14.09.R500M	315		60	80	9	14	27,63	14	P2903-2R
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z18.09.R500M	315		60	80	9	18	27,35	18	P2903-2R

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts		
	D _c [mm]	80–315
	Cartridge for tool body	FR500M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS244 (T15) 3 Nm
	Adjusting pin	FS303 (T20)

Accessories		
	D _c [mm]	80–315
	Screwdriver for indexable insert	FS229 (T15)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2009 (T15)

Indexable inserts														
Designation	Tolerance class	Number of cutting edges	b mm	P		M		K		N	H			
				HC		HC		HC		HW	HC			
 P2903-2R	A	3	3,5	WHH15X *	WPM15G *	WXM15 *	WPM15G *	WXM15 *	WAK15 *	WHH15X *	WPM15G *	WXM15 *	WK10 *	WHH15X *

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

High-feed milling cutter

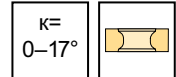
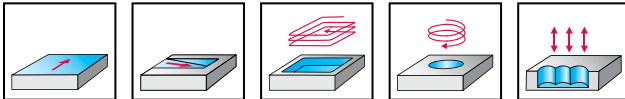
M5008 mm

ENMX08T316R

Xtra-tec® XT



– 4 cutting edges per indexable insert



M5008	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

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	M5008-016-T14-02-01	10,1	16	14,5	25		1	2,9	2	0,03	2	ENMX08T316R
	M5008-020-T18-03-01	14,1	20	18,5	30		1	2,9	3	0,06	3	
	M5008-020-T18-04-01	14,1	20	18,5	30		1	2,9	4	0,06	4	
	M5008-025-T22-04-01	19,1	25	22	35		1	2,9	4	0,09	4	
	M5008-025-T22-05-01	19,1	25	22	35		1	2,9	5	0,1	5	
	M5008-030-T28-04-01	24,1	30	28	40		1	2,9	4	0,18	4	
	M5008-030-T28-05-01	24,1	30	28	40		1	2,9	5	0,17	5	
	M5008-032-T28-05-01	26,1	32	28	40		1	2,9	5	0,17	5	
	M5008-032-T28-06-01	26,1	32	28	40		1	2,9	6	0,19	6	
	M5008-035-T28-05-01	29,1	35	28	40		1	2,9	5	0,2	5	
	M5008-035-T28-06-01	29,1	35	28	40		1	2,9	6	0,2	6	
	M5008-040-T36-06-01	34,1	40	36	40		1	2,9	6	0,33	6	
M5008-040-T36-08-01	34,1	40	36	40		1	2,9	8	0,35	8		
M5008-042-T36-06-01	36,1	42	36	40		1	2,9	6	0,34	6		
M5008-042-T36-08-01	36,1	42	36	40		1	2,9	8	0,33	8		
 Cylindrical modular	M5008-016-TC08-02-01	10,1	16	14,5	25		1	2,9	2	0,03	2	ENMX08T316R
	M5008-020-TC10-03-01	14,1	20	18,5	30		1	2,9	3	0,06	3	
	M5008-020-TC10-04-01	14,1	20	18,5	30		1	2,9	4	0,04	4	
	M5008-025-TC12-04-01	19,1	25	22	35		1	2,9	4	0,08	4	
	M5008-025-TC12-05-01	19,1	25	22	35		1	2,9	5	0,08	5	
	M5008-030-TC16-04-01	24,1	30	28	40		1	2,9	4	0,16	4	
	M5008-030-TC16-05-01	24,1	30	28	40		1	2,9	5	0,16	5	
	M5008-032-TC16-05-01	26,1	32	28	40		1	2,9	5	0,18	5	
	M5008-032-TC16-06-01	26,1	32	28	40		1	2,9	6	0,17	6	
	M5008-035-TC16-05-01	29,1	35	28	40		1	2,9	5	0,19	5	
	M5008-035-TC16-06-01	29,1	35	28	40		1	2,9	6	0,21	6	
	M5008-040-TC16-06-01	34,1	40	28	40		1	2,9	6	0,22	6	
M5008-040-TC16-08-01	34,1	40	28	40		1	2,9	8	0,23	8		
M5008-042-TC16-06-01	36,1	42	28	40		1	2,9	6	0,27	6		
M5008-042-TC16-08-01	36,1	42	28	40		1	2,9	8	0,25	8		
 Cylindrical shank	M5008-016-A16-02-01	10	16	16	30	100	1	2,9	2	0,14	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	0,28	4	
	M5008-025-A25-04-01	19,1	25	25	60	140	1	2,9	4	0,32	4	
	M5008-025-A25-05-01	19,1	25	25	60	140	1	2,9	5	0,49	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		

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 _a [mm]	16–66
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm

Accessories

	D _a [mm]	16	20	25	30–35	40–42	50–66
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	P				M		K			S		H				
				HC				HC		HC			HC		HC				
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSM45X	WSP45G	WHH15X
ENMX08T316R-D27	M	4	1.6																
ENMX08T316R-F47	M	4	1.6																

HC = Coated carbide

High-feed milling cutter

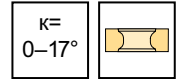
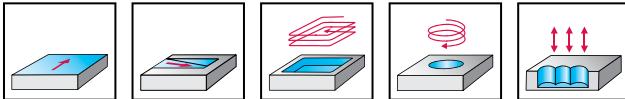
M5008

ENMX08T316R

Xtra-tec® XT

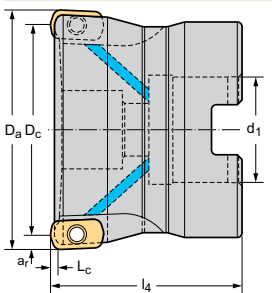


– 4 cutting edges per indexable insert



	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	0,25	5	ENMX08T316R
M5008-032-B16-06-01	26,1	32	16	40		1	2,9	6	0,27	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	0,27	6	
M5008-040-B16-06-01	34,1	40	16	40		1	2,9	6	0,18	6	
M5008-040-B16-08-01	34,1	40	16	40		1	2,9	8	0,34	8	
M5008-042-B16-06-01	36,1	42	16	40		1	2,9	6	0,34	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	0,44	7	
M5008-050-B22-09-01	44,1	50	22	40		1	2,9	9	0,47	9	
M5008-052-B22-07-01	46,1	52	22	40		1	2,9	7	0,32	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	0,49	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	0,95	8	
M5008-066-B27-10-01	60,1	66	27	50		1	2,9	10	0,97	10	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _a [mm]	16-66
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm

Accessories

	D _a [mm]	16	20	25	30-35	40-42	50-66
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	P				M		K			S		H		
				HC				HC		HC			HC		HC		
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSM45X
ENMX08T316R-D27	M	4	1.6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ENMX08T316R-F47	M	4	1.6		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide

High-feed milling cutter

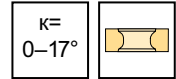
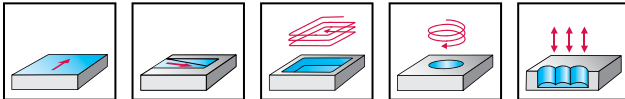
M5008 inch

ENMX08T316R

Xtra-tec® XT



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5008	●	●	●	●	●	●	●

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
<p>ScrewFit</p>	M5008.015-T14-02-01	0,394	0,625	0,571	0,984		0,039	0,114	2	0,084	2	ENMX08T316R
	M5008.019-T18-03-01	0,516	0,750	0,728	1,181		0,039	0,114	3	0,099	3	
	M5008.026-T22-04-01	0,768	1,000	0,866	1,378		0,039	0,114	4	0,201	4	
	M5008.026-T22-05-01	0,768	1,000	0,866	1,378		0,039	0,114	5	0,218	5	
	M5008.031-T28-05-01	1,016	1,250	1,102	1,575		0,039	0,114	5	0,408	5	
	M5008.031-T28-06-01	1,016	1,250	1,102	1,575		0,039	0,114	6	0,397	6	
	M5008.038-T36-06-01	1,268	1,500	1,417	1,575		0,039	0,114	6	0,705	6	
	M5008.038-T36-08-01	1,268	1,500	1,417	1,575		0,039	0,114	8	0,69	8	
<p>Cylindrical shank</p>	M5008.015-A15-02-01	0,394	0,625	0,625	1,000	4,000	0,039	0,114	2	0,315	2	ENMX08T316R
	M5008.015-A15-02-01-L	0,394	0,625	0,625	1,250	4,000	0,039	0,114	2	0,282	2	
	M5008.019-A19-03-01	0,516	0,750	0,750	1,000	5,000	0,039	0,114	3	0,542	3	
	M5008.019-A19-03-01-L	0,516	0,750	0,750	2,000	5,000	0,039	0,114	3	0,516	3	
	M5008.026-A26-04-01	0,768	1,000	1,000	1,000	5,500	0,039	0,114	4	1,107	4	
	M5008.026-A26-04-01-L	0,768	1,000	1,000	2,500	6,000	0,039	0,114	4	1,160	4	
	M5008.026-A26-05-01	0,768	1,000	1,000	1,000	5,500	0,039	0,114	5	1,096	5	
	M5008.026-A26-05-01-L	0,768	1,000	1,000	2,500	6,000	0,039	0,114	5	1,160	5	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5008.038-B19-06-01	1,268	1,500	0,750	1,500		0,039	0,114	6	0,69	6	ENMX08T316R
	M5008.038-B19-08-01	1,268	1,500	0,750	1,500		0,039	0,114	8	0,384	8	
	M5008.051-B19-07-01	1,768	2,000	0,750	1,500		0,039	0,114	7	0,591	7	
	M5008.051-B19-09-01	1,768	2,000	0,750	1,500		0,039	0,114	9	0,584	9	
	M5008.064-B26-08-01	2,268	2,500	1,000	1,577		0,039	0,114	8	1,166	8	
	M5008.064-B26-10-01	2,268	2,500	1,000	1,577		0,039	0,114	10	1,146	10	
	★ M5008.076-B26-12-01	2,768	3,000	1,000	2,000		0,039	0,114	12	2,161	12	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _a [inch]	0,625–1,25	1,5–2	2,5–3
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 0,885 lbs	FS1454 (T8IP) 0,885 lbs	FS1454 (T8IP) 0,885 lbs
	Clamping screw for arbour-mounted tools		FS1523	FS1519

Accessories

	D _a [inch]	0,625	0,75	1	1,25	1,5	2–3
	Torque screwdriver, analogue	FS2002	FS2002	FS2002	FS2002	FS2002	FS2002
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	P				M			K			S			H	
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSM45X	WSP45G
ENMX08T316R-D27	M	4	0,063	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞
ENMX08T316R-F47	M	4	0,063	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞

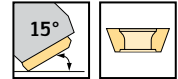
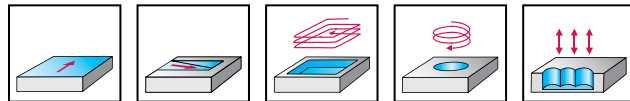
HC = Coated carbide

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
<p>ScrewFit</p>	M4002-020-T18-02-01	8,4	20	18,5	30		1	5,7	2	0,07	2	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002-025-T22-02-01,5	8,3	25	22	40		1,5	8,4	2	0,11	2	SD .. 09T3 .. SDMX0904ZDR
	M4002-025-T22-03-01	13,4	25	22	35		1	5,7	3	0,12	3	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002-032-T28-03-01,5	15,3	32	28	40		1,5	8,4	3	0,17	3	SD .. 09T3 .. SDMX0904ZDR
	M4002-032-T28-04-01	20,4	32	28	40		1	5,7	4	0,2	4	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002-035-T28-03-01,5	18,3	35	28	40		1,5	8,4	3	0,18	3	SD .. 09T3 .. SDMX0904ZDR
	M4002-040-T36-04-01,5	23,3	40	36	40		1,5	8,4	4	0,31	4	
<p>Cylindrical modular</p>	M4002-042-T36-03-01,5	25,3	42	36	40		1,5	8,4	3	0,32	3	
	M4002-020-TC10-02-01	8,4	20	18,5	30		1	5,7	2	0,06	2	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002-025-TC12-02-01,5	8,09	25	22	40		1,5	8,4	2	0,09	2	SD .. 09T3 .. SDMX0904ZDR
	M4002-025-TC12-03-01	13,4	25	22	35		1	5,7	3	0,11	3	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002-032-TC16-03-01,5	15,09	32	28	40		1,5	8,4	3	0,16	3	SD .. 09T3 .. SDMX0904ZDR
	M4002-035-TC16-03-01,5	18,09	35	28	40		1,5	8,4	3	0,18	3	
	M4002-035-TC16-04-01	23,4	35	28	40		1	5,7	4	0,21	4	SD .. 06T2 .. SDM .. 06T2ZDR
<p>Cylindrical shank</p>	M4002-020-A20-02-01	8,4	20	20	30	200	1	5,7	2	0,45	2	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002-025-A25-03-01	13,4	25	25	35	200	1	5,7	3	0,76	3	
	M4002-032-A32-04-01	20,4	32	32	40	250	1	5,7	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 = 😊

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			M			K			N		S			
					HC			HC			HC			HC	HW	HC			
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10
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		☺	☺	☺	☺	☺					☺	☺				☺
SDMT06T2ZDR-D57	M	4	0,4	1,2	☺	☺	☺	☺	☺					☺	☺				☺
SDMT09T3ZDR-D57	M	4	0,8	1,2	☺	☺	☺	☺	☺					☺	☺				☺
SDMX0904ZDR-E27	M	4	1	0,8	☺	☺	☺	☺	☺					☺	☺				☺
SDMX0904ZDR-E57	M	4	1	0,8	☺	☺	☺	☺	☺					☺	☺				☺

For SD..120425 indexable inserts, the circumference of the body must be reworked.
 $R_{(body)} = r_{(indexable\ insert)}$

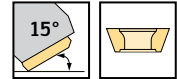
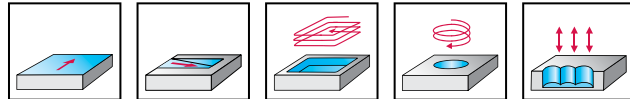
HC = Coated carbide
 HW = Uncoated carbide

High-feed milling cutter

M4002 mm

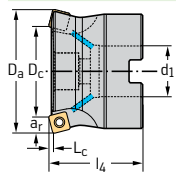


– 4 cutting edges per indexable insert



M4002	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

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
M4002-040-B16-05-01	28,4	40	16	40		1	5,7	5	0,22	5	SD .. 06T2 .. SDM . 06T2ZDR
M4002-042-B16-04-01,5	25,3	42	16	40		1,5	8,4	4	0,2	4	SD .. 09T3 .. SDMX0904ZDR
M4002-050-B22-04-02	27,2	50	22	40		2	11,4	4	0,29	4	SD .. 1204 .. SDMX1205ZDR
M4002-050-B22-05-01,5	33,3	50	22	40		1,5	8,4	5	0,3	5	SD .. 09T3 .. SDMX0904ZDR
M4002-050-B22-05-02	27,2	50	22	40		2	11,4	5	0,31	5	SD .. 1204 .. SDMX1205ZDR
M4002-052-B22-04-01,5	35,3	52	22	40		1,5	8,4	4	0,37	4	SD .. 09T3 .. SDMX0904ZDR
M4002-052-B22-04-02	29,2	52	22	40		2	11,4	4	0,32	4	SD .. 1204 .. SDMX1205ZDR
M4002-052-B22-05-01,5	35,3	52	22	40		1,5	8,4	5	0,34	5	SD .. 09T3 .. SDMX0904ZDR
M4002-052-B22-05-02	29,2	52	22	40		2	11,4	5	0,35	5	SD .. 1204 .. SDMX1205ZDR
M4002-052-B22-06-01	40,4	52	22	40		1	5,7	6	0,41	6	SD .. 06T2 .. SDM . 06T2ZDR
M4002-063-B22-05-02	40,2	63	22	40		2	11,4	5	0,4	5	SD .. 1204 .. SDMX1205ZDR
M4002-063-B22-06-01,5	46,3	63	22	50		1,5	8,4	6	0,6	6	SD .. 09T3 .. SDMX0904ZDR
M4002-063-B22-06-02	40,2	63	22	40		2	11,4	6	0,46	6	SD .. 1204 .. SDMX1205ZDR
M4002-066-B27-05-01,5	49,3	66	27	50		1,5	8,4	5	0,72	5	SD .. 09T3 .. SDMX0904ZDR
M4002-066-B27-05-02	43,2	66	27	50		2	11,4	5	0,57	5	SD .. 1204 .. SDMX1205ZDR
M4002-066-B27-06-01,5	49,3	66	27	50		1,5	8,4	6	0,79	6	SD .. 09T3 .. SDMX0904ZDR
M4002-066-B27-06-02	43,2	66	27	50		2	11,4	6	0,59	6	SD .. 1204 .. SDMX1205ZDR
M4002-080-B27-06-02	57,2	80	27	50		2	11,4	6	0,95	6	
M4002-080-B27-08-02	57,2	80	27	50		2	11,4	8	0,98	8	
M4002-085-B27-05-02	62,2	85	27	50		2	11,4	5	1,09	5	
M4002-085-B27-06-02	62,2	85	27	50		2	11,4	6	0,98	6	
M4002-085-B27-08-02	62,2	85	27	50		2	11,4	8	1	8	
M4002-100-B32-07-02	77,2	100	32	60		2	11,4	7	2,01	7	
M4002-100-B32-09-02	77,2	100	32	60		2	11,4	9	2	9	
M4002-125-B40-08-02	102,2	125	40	60		2	11,4	8	2,89	8	

*Measured using SDM.06T204, SDM.09T308, SDM.120408 | Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

D2

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			M			K			N		S		
					HC			HC			HC			HC	HW	HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15
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		☺	☺	☺	☺	☺					☺	☺			☺
SDMT06T2ZDR-D57	M	4	0,4	1,2	☺	☺	☺	☺	☺					☺	☺			☺
SDMT09T3ZDR-D57	M	4	0,8	1,2	☺	☺	☺	☺	☺					☺	☺			☺
SDMX0904ZDR-E27	M	4	1	0,8	☺	☺	☺	☺	☺					☺	☺			☺
SDMX0904ZDR-E57	M	4	1	0,8	☺	☺	☺	☺	☺					☺	☺			☺

For SD..120425 indexable inserts, the circumference of the body must be reworked.
 $R_{(body)} = r_{(indexable\ insert)}$

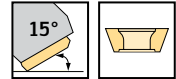
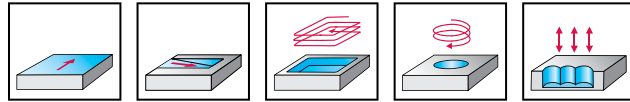
HC = Coated carbide
 HW = Uncoated carbide

High-feed milling cutter

M4002 inch



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4002	●	●	●	●	●	●	●

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
<p>ScrewFit</p>	M4002.026-T22-02-01,5	0,339	1,000	0,866	1,575		0,059	0,330	2	0,024	2	SD .. 09T3 .. SDMX0904ZDR
	M4002.026-T22-03-01	0,543	1,000	0,866	1,378		0,039	0,224	3	0,243	3	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002.031-T28-03-01,5	0,593	1,250	1,102	1,575		0,059	0,330	3	0,359	3	SD .. 09T3 .. SDMX0904ZDR
	M4002.038-T36-04-01,5	0,843	1,500	1,417	1,575		0,059	0,330	4	0,648	4	
<p>Cylindrical shank</p>	M4002.019-A19-02-01	0,291	0,750	0,750	1,181	7,874	0,039	0,224	2	0,915	2	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002.026-A26-03-01	0,543	1,000	1,000	1,378	7,874	0,039	0,224	3	1,658	3	
	M4002.031-A31-04-01	0,795	1,250	1,250	1,575	9,843	0,039	0,224	4	3,241	4	
<p>Shell mill mount DIN 138 transverse keyway</p>	M4002.051-B19-04-02	1,094	2,000	0,750	1,575		0,079	0,45	4	0,763	4	SD .. 1204 .. SDMX1205ZDR
	M4002.051-B19-05-01,5	1,337	2,000	0,750	1,575		0,059	0,330	5	0,787	5	SD .. 09T3 .. SDMX0904ZDR
	M4002.051-B19-07-01	1,543	2,000	0,750	1,575		0,039	0,224	7	0,847	7	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002.064-B19-05-02	1,594	2,500	0,750	1,969		0,079	0,45	5	0,992	5	SD .. 1204 .. SDMX1205ZDR
	M4002.076-B26-06-02	2,094	3,000	1,000	1,969		0,079	0,45	6	2,551	6	
	M4002.102-B38-07-02	3,094	4,000	1,500	2,48		0,079	0,45	7	6,085	7	

*Measured using SDM.06T204, SDM.09T308, SDM.120408 | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,664 lbs	FS2266 (T10IP) 1,475 lbs	FS1453 (T15IP) 2,581 lbs
Clamping screw for arbour-mounted tools	FS1523	FS1523	FS1523

Accessories

Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
Torque screwdriver, analogue	FS2002	FS2004	FS2004
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 inch	b inch	P			M			K			N		S			
					HC			HC			HC			HC	HW	HC			
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WKN15	WKL0
SDHT09T308-G88	H	4	0.031																
SDMT09T308-D57	M	4	0.031		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMT09T308-F57	M	4	0.031		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMT09T312-F57	M	4	0.047		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMT09T316-F57	M	4	0.063		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMT09T320-F57	M	4	0.079		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMW09T308-A57	M	4	0.031		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMW09T320-A57	M	4	0.079		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDHT06T204-G88	H	4	0.016												☉	☉			
SDMT06T204-D57	M	4	0.016		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMT06T204-F57	M	4	0.016		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMT06T208-F57	M	4	0.031		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMT06T212-F57	M	4	0.047		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMW06T204-A57	M	4	0.016		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDHT120408-G88	H	4	0.031												☉	☉			
SDMT120408-D57	M	4	0.031		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMT120408-F57	M	4	0.031		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMT120412-F57	M	4	0.047		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMT120416-F57	M	4	0.063		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMT120420-F57	M	4	0.079		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMT120425-F57	M	4	0.098		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMW120408-A57	M	4	0.031		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMW120425-A57	M	4	0.098		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMT09T3ZDR-D57	M	4	0.031	0.048	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMX0904ZDR-E27	M	4	0.039	0.031	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMX0904ZDR-E57	M	4	0.039	0.031	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMT06T2ZDR-D57	M	4	0.016	0.047	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMT1204ZDR-D57	M	4	0.031	0.071	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMX1205ZDR-E27	M	4	0.079	0.047	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SDMX1205ZDR-E57	M	4	0.079	0.047	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉

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 = ☉

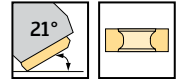
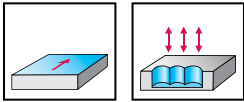
☉ ☉ ☉ / * = New addition to the product range

D2

High-Feed-Fräser

F4030
Xtra-tec®


- f_z up to 3.5 mm
- 6 cutting edges per indexable insert




	P	M	K	N	S	H	O
F4030	●	●	●	●	●	●	●

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
<p>ScrewFit</p>	F4030.T22.025.Z02.01	13,4	25	22	35		1	6	2	0,11	2	P23696-1 . 0
	F4030.T28.032.Z03.01	20,4	32	28	40		1	7	3	0,2	3	
	F4030.T28.035.Z03.01	23,4	35	28	40		1	7	3	0,24	3	
	F4030.T36.040.Z04.01	28,4	40	36	40		1	7	4	0,33	4	P23696-2 . 0
	F4030.T45.050.Z04.02	32	50	45	45		2	10	4	0,51	4	
<p>Cylindrical shank</p>	F4030.Z25.025.Z02.01	13,4	25	25	35	200	1	6	2	0,74	2	P23696-1 . 0
	F4030.Z32.032.Z03.01	20,4	32	32	40	250	1	7	3	1,47	3	
<p>Shell mill mount DIN 138 transverse keyway</p>	F4030.B22.050.Z05.01	38,4	50	22	40		1	7	5	0,33	5	P23696-1 . 0
	F4030.B22.052.Z04.01	40,4	52	22	40		1	7	4	0,37	4	
	F4030.B22.063.Z05.02	45	63	22	50		2	10	5	0,72	5	P23696-2 . 0
	F4030.B27.066.Z04.02	48	66	27	50		2	10	4	0,88	4	
	F4030.B27.080.Z05.02	62	80	27	50		2	10	5	1,29	5	
	F4030.B27.080.Z06.02	62	80	27	50		2	10	6	1,26	6	
	F4030.B32.100.Z07.02	82	100	32	50		2	10	7	2,47	7	




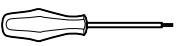
Pre-balanced tools | Bodies and assembly parts are included in the scope of delivery

D2


Assembly parts

Type	P23696-1.0	P23696-2.0
 Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm	FS1495 (T20IP) 5 Nm

Accessories

Type	P23696-1.0	P23696-2.0
 Torque screwdriver, analogue	FS2003	FS2003
 Torque screwdriver, digital	FS2248	FS2248
 Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)
 Screwdriver	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	P				M		K		S	
				HC				HC		HC		HC	
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G
 P23696-1.0 P23696-2.0	M	6	1.2	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	M	6	1.6	☺	☺	☺	☺	☺	☺	☺	☺	☺	

HC = Coated carbide

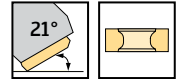
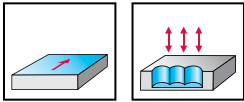
High-Feed-Fräser

F4030 inch

Xtra-tec®



- f_z up to 3.5 mm
- 6 cutting edges per indexable insert



	P	M	K	N	S	H	O
F4030	●	●	●	●	●	●	●

Tool

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	a_r inch	Z	l_{bs}	No. of inserts	Type
F4030.UT22.026.Z02.01	0,543	1,000	0,866	1,378		0,039	0,236	2	0,258	2	P23696-1 . 0
F4030.UT28.031.Z03.01	0,793	1,250	1,102	1,575		0,039	0,276	3	0,441	3	
F4030.UT36.038.Z03.01	1,043	1,500	1,417	1,575		0,039	0,276	3	0,772	3	
F4030.UT45.051.Z04.02	1,291	2,000	1,772	1,772		0,079	0,394	4	1,153	4	P23696-2 . 0
ScrewFit											
F4030.UZ19.026.Z02.01	0,543	1,000	0,750	2,000	8,000	0,039	0,276	2	0,948	2	P23696-1 . 0
F4030.UZ26.031.Z03.01	0,793	1,250	1,000	3,000	10,000	0,039	0,374	3	2,138	3	
F4030.UZ31.038.Z03.01	1,043	1,500	1,250	3,000	10,000	0,039	0,236	3	3,444	3	
Cylindrical shank											
F4030.UB19.051.Z05.01	1,543	2,000	0,750	1,575		0,039	0,276	5	1,299	5	P23696-1 . 0
F4030.UB26.064.Z05.02	1,791	2,500	1,000	1,969		0,079	0,394	5	1,556	5	P23696-2 . 0
F4030.UB26.076.Z05.02	2,173	3,000	1,000	1,969		0,079	0,394	5	2,436	5	
F4030.UB26.076.Z06.02	2,173	3,000	1,000	1,969		0,079	0,394	6	2,361	6	
★ F4030.UB26.076.Z07.02	2,173	3,000	1,000	1,969		0,079	0,394	7	1,956	7	
F4030.UB38.102.Z07.02	3,291	4,000	1,500	2,480		0,079	0,394	7	6,975	7	
Shell mill mount DIN 138 transverse keyway											

Pre-balanced tools | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type		P23696-1 . 0	P23696-2 . 0
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 2,95 lbs	FS1495 (T20IP) 3,688 lbs
	Clamping screw for arbour-mounted tools	FS1523	FS1523

Accessories

Type		P23696-1 . 0	P23696-2 . 0
	Torque screwdriver, analogue	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	P				M		K		S		
				HC		HC		HC		HC				
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G	WSP45G
P23696-1.0	M	6	0,047	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P23696-2.0	M	6	0,063	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

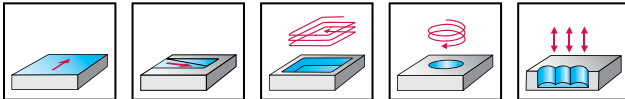
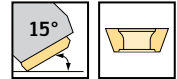
HC = Coated carbide

High-Feed-Fräser

F2330 mm



- f_z up to 3.5 mm
- 3 cutting edges per indexable insert



F2330	P	M	K	N	S	H	O
	●	●	●	●	●		

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
F2330.T18.020.Z02.01	10	20	18,5	30		1	8	2	0,05	2	P2633 . R10 P26379-R10
F2330.T22.025.Z03.01	15	25	22	35		1	8	3	0,1	3	
F2330.T28.032.Z03.01,5	18	32	28	40		1,5	11	3	0,2	3	P2633 . R14 P26379-R14
F2330.T28.035.Z03.01,5	21	35	28	40		1,5	11	3	0,21	3	
F2330.T36.040.Z03.01,5	26	40	36	40		1,5	11	3	0,37	3	
F2330.T36.042.Z03.01,5	28	42	36	40		1,5	11	3	0,38	3	
ScrewFit											
F2330.Z20.020.Z02.01	10	20	20	30	200	1	8	2	0,45	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
Cylindrical shank											
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	
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	
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	0,96	7	
F2330.B22.050.Z04.01,5	30	50	22	40		1,5	11	4	0,31	4	P2633 . R14 P26379-R14
F2330.B22.063.Z05.01,5	49	63	22	50		1,5	11	5	0,69	5	
Shell mill mount DIN 138 transverse keyway											

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 $D_a = 85$ | * D_a measured using P26325-R25 master insert with 0.8 mm radius | Bodies and assembly parts are included in the scope of delivery

D2

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				M		K			S	
				HC				HC		HC			HC	
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G	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	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	

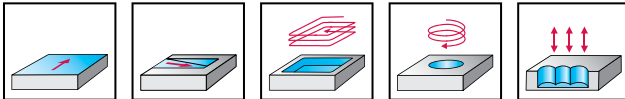
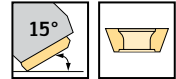
HC = Coated carbide

High-Feed-Fräser

F2330 inch



- f_z up to 3.5 mm
- 3 cutting edges per indexable insert



F2330	P	M	K	N	S	H	O
-------	---	---	---	---	---	---	---

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	
F2330.UT18.019.Z02.01	0,356	0,750	0,728	1,181		0,039	0,311	2	0,181	2	P2633 . R10 P26379-R10	
F2330.UT22.026.Z03.01	0,606	1,000	0,866	1,378		0,039	0,311	3	0,276	3		
F2330.UT28.031.Z03.01.5	0,699	1,250	1,102	1,575		0,059	0,437	3	0,483	3	P2633 . R14 P26379-R14	
F2330.UT36.038.Z03.01.5	0,949	1,500	1,417	1,575		0,059	0,437	3	0,809	3		
ScrewFit												
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		
DIN 1835 B												
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		
Cylindrical shank												
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	5	2,172	5		
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		

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

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

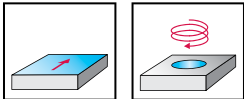
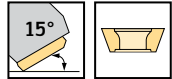
Designation	Tolerance class	Number of cutting edges	r inch	P				M			K			S	
				HC				HC			HC			HC	
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G	WSP45G	
P26335R10	M	3	0,031	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P26337R10	M	3	0,031	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P26339R10	M	3	0,031	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
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 = Coated carbide

High-Feed-Fräser

F2010
P2633 . R25; P26379-R25


- f_z up to 3.5 mm
- 3 cutting edges per indexable insert, adjustable runout



	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●●	●●

Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.02.R729M	70	87	27	50	2	6	1,24	6	P2633 . R25 P26379-R25
	F2010.B.100.Z07.02.R729M	90	107	32	50	2	7	1,8	7	P2633 . R25 P26379-R25
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.02.R729M	115	132	40	63	2	8	3,62	8	
	 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.02.R729M	150	167	40	63	2	10	5,62	10
F2010.B.200.Z12.02.R729M		190	207	60	63	2	12	10	12	
F2010.B.250.Z12.02.R729M		240	257	60	63	2	12	16,13	12	
F2010.B.250.Z16.02.R729M		240	257	60	63	2	16	16,22	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.02.R729M	305	322,15	60	80	2	14	26,3	14	P2633 . R25 P26379-R25
	F2010.B.315.Z18.02.R729M	305	322,15	60	80	2	18	27,2	18	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts

	D _c [mm]	70–305
	Cartridge for tool body	FR729M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1030 (T20) 5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	70–305
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Interchangeable blade	FS2044 (T20)

Indexable inserts

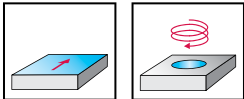
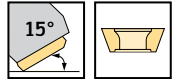
Designation	Tolerance class	Number of cutting edges	r mm	P				M		K		S		
				WC	HC	WC	HC	WC	HC	WC	HC			
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G	WSP45G
P26335R25	M	3	2	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞
P26337R25	M	3	2	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞
P26339R25	M	3	2	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞
P26379-R25	M	3	2	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞	☞

HC = Coated carbide

High-Feed-Fräser

F2010
SD .. 1204 ..; SDMX1205ZDR


- Adjustable runout
- 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.080.Z06.08.R755M	69,93	93	27	50	2	6	1,3	6	SD .. 1204 .. SDMX1205ZDR
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.100.Z07.08.R755M	89,93	113	32	50	2	7	1,9	7	SD .. 1204 .. SDMX1205ZDR
	F2010.B.125.Z08.08.R755M	114,93	138	40	63	2	8	3,6	8	
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.160.Z10.08.R755M	149,93	173	40	63	2	10	5,6	10	SD .. 1204 .. SDMX1205ZDR
	F2010.B.200.Z12.08.R755M	189,93	213	60	63	2	12	9,89	12	
	F2010.B.250.Z12.08.R755M	239,93	263	60	63	2	12	14,8	12	
	F2010.B.250.Z16.08.R755M	239,93	263	60	63	2	16	14,6	16	
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.315.Z14.08.R755M	304,93	328	60	80	2	14	26,3	14	SD .. 1204 .. SDMX1205ZDR
	F2010.B.315.Z18.08.R755M	304,93	328	60	80	2	18	26,2	18	

*Measured using SDM.120408 | 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]	69,93–304,93
	Cartridge for tool body		FR755M
	Clamping screw for cartridge Tightening torque		FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque		FS1453 (T15IP) 3,5 Nm
	Adjusting pin		FS303 (T20)

Accessories

		D _c [mm]	69,93–304,93
	Torque screwdriver, analogue		FS2003
	Torque screwdriver, digital		FS2248
	Interchangeable blade for insert screw		FS2014 (T15IP)
	Torque T-handle		FS2041
	Interchangeable blade for cartridge		FS2051 (SW 4)
	Screwdriver for indexable insert		FS1485 (T15IP)
	Screwdriver for adjusting pin		FS228 (T20)
	ISO 2936 key for cartridge		ISO2936-4 (SW 4)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	α	b mm	P				M		K				N			S		
					HC				HC		HC				DP	HC	HW	HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10
SDGW120408-A88	G	1	15°																	
SDHT120408-G88	H	4	15°																	
SDMT120408-D51	M	4	15°																	
SDMT120408-D57	M	4	15°																	
SDMT120408-F57	M	4	15°																	
SDMT120412-F57	M	4	15°																	
SDMT120416-F57	M	4	15°																	
SDMT120420-F57	M	4	15°																	
SDMT120425-F57	M	4	15°																	
SDMW120408-A57	M	4	15°																	
SDMW120425-A57	M	4	15°																	
SDMT1204ZDR-D57	M	4	15°	1.8																
SDMX1205ZDR-E27	M	4	15°	1.2																
SDMX1205ZDR-E57	M	4	15°	1.2																

SD..1204.. : If the corner radius r is greater than 0.8 mm, the corner area of the cassette 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

High-feed milling cutter

D 475

D2

Shoulder milling cutters

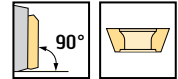
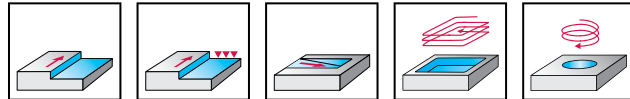
M5130

AC .. 0602 .. R

Xtra-tec® XT



– 2 cutting edges per indexable insert



M5130	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
ScrewFit	M5130-010-T09-02-05	10	9,7	20		5	2	0,02	2	AC .. 0602 .. R
	M5130-012-T09-03-05	12	9,7	20		5	3	0,02	3	
	M5130-016-T14-03-05	16	14,5	25		5	3	0,04	3	
	M5130-016-T14-04-05	16	14,5	25		5	4	0,04	4	
	M5130-020-T18-04-05	20	18,5	25		5	4	0,05	4	
	M5130-020-T18-05-05	20	18,5	25		5	5	0,06	5	
	M5130-025-T22-05-05	25	22	30		5	5	0,11	5	
	M5130-025-T22-07-05	25	22	30		5	7	0,1	7	
	M5130-032-T28-06-05	32	28	35		5	6	0,19	6	
	M5130-032-T28-08-05	32	28	35		5	8	0,2	8	
Cylindrical modular	M5130-040-T36-07-05	40	36	35		5	7	0,34	7	AC .. 0602 .. R
	M5130-040-T36-10-05	40	36	35		5	10	0,35	10	
	M5130-010-TC06-02-05	10	9,7	20		5	2	0,02	2	
	M5130-012-TC06-03-05	12	9,7	20		5	3	0,02	3	
	M5130-016-TC08-03-05	16	14,5	25		5	3	0,04	3	
	M5130-016-TC08-04-05	16	14,5	25		5	4	0,04	4	
	M5130-020-TC10-04-05	20	18,5	25		5	4	0,06	4	
	M5130-020-TC10-05-05	20	18,5	25		5	5	0,06	5	
	M5130-025-TC12-05-05	25	22	30		5	5	0,1	5	
	M5130-025-TC12-07-05	25	22	30		5	7	0,1	7	
DIN 1835 B	M5130-032-TC16-06-05	32	28	35		5	6	0,19	6	AC .. 0602 .. R
	M5130-032-TC16-08-05	32	28	35		5	8	0,2	8	
	M5130-040-TC16-07-05	40	28	35		5	7	0,24	7	
	M5130-040-TC16-10-05	40	28	35		5	10	0,27	10	
	M5130-010-W10-02-05	10	10	16	60	5	2	0,03	2	
	M5130-010-W16-02-05	10	16	30	80	5	2	0,09	2	
	M5130-012-W12-03-05	12	12	19	65	5	3	0,05	3	
	M5130-012-W16-03-05	12	16	30	80	5	3	0,09	3	
	M5130-016-W16-03-05	16	16	21	70	5	3	0,09	3	
	M5130-016-W16-04-05	16	16	21	70	5	4	0,11	4	
M5130-020-W20-04-05	20	20	24	75	5	4	0,16	4		
M5130-020-W20-05-05	20	20	24	75	5	5	0,16	5		
M5130-025-W25-05-05	25	25	26	85	5	5	0,3	5		
M5130-025-W25-07-05	25	25	26	85	5	7	0,29	7		

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

Assembly parts

	D _c [mm]	10-63
	Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0,5 Nm

Accessories

	D _c [mm]	10	12	14-63	16	20	25	32	40
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001
	Interchangeable blade	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M		K			N		S		
					HC		HC		HC			HC	HW	HC		
					WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15
ACGT060204R-G65	G	2	0,4	0,9	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
ACGT060204R-M85	G	2	0,4	0,9	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
ACMT060202R-G55	M	2	0,2	1	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
ACMT060204R-G55	M	2	0,4	0,9	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
ACMT060208R-G55	M	2	0,8	0,8	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
ACMT060212R-G55	M	2	1,2	0,6	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
ACMT060216R-G55	M	2	1,6	0,1	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
ACMT060204R-K55	M	2	0,4	0,9	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☉

→ Good = ☉

→ Moderate = ☉

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

Shoulder milling cutters

D 477

Shoulder milling cutters

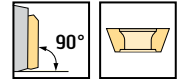
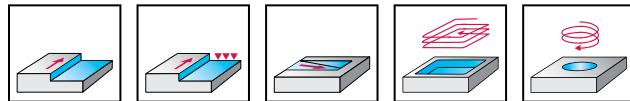
M5130

AC .. 0602 .. R

Xtra-tec® XT



– 2 cutting edges per indexable insert



M5130	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

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	M5130-010-A10-02-05	10	10	16	60	5	2	0,03	2	AC .. 0602 .. R
	M5130-010-A16-02-05	10	16	30	80	5	2	0,1	2	
	M5130-012-A12-03-05	12	12	19	70	5	3	0,05	3	
	M5130-012-A16-03-05	12	16	30	80	5	3	0,11	3	
	M5130-014-A16-03-05	14	16	30	80	5	3	0,12	3	
	M5130-016-A16-03-05	16	16	21	90	5	3	0,12	3	
	M5130-016-A16-04-05	16	16	21	90	5	4	0,13	4	
	M5130-018-A16-03-05	18	16	21	90	5	3	0,13	3	
	M5130-020-A20-04-05	20	20	24	110	5	4	0,24	4	
	M5130-020-A20-05-05	20	20	24	110	5	5	0,24	5	
	M5130-022-A20-04-05	22	20	24	110	5	4	0,26	4	
	M5130-025-A25-05-05	25	25	26	120	5	5	0,42	5	
M5130-025-A25-07-05	25	25	26	120	5	7	0,42	7		
Shell mill mount DIN 138 transverse keyway	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	0,53	9	
	M5130-050-B22-12-05	50	22	40		5	12	0,53	12	
	M5130-063-B22-11-05	63	22	40		5	11	0,76	11	
	M5130-063-B22-14-05	63	22	40		5	14	0,69	14	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	10-63
	Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0,5 Nm

Accessories

	D _c [mm]	10	12	14-63	16	20	25	32	40
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001
	Interchangeable blade	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M		K			N		S		
					HC		HC		HC			HC	HW	HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15
ACGT060204R-G65	G	2	0,4	0,9	☺	☺	☺	☺			☺	☺	☺			
ACGT060204R-M85	G	2	0,4	0,9									☺			
ACMT060202R-G55	M	2	0,2	1												☺
ACMT060204R-G55	M	2	0,4	0,9	☺	☺	☺	☺	☺	☺	☺	☺				☺
ACMT060208R-G55	M	2	0,8	0,8												☺
ACMT060212R-G55	M	2	1,2	0,6												☺
ACMT060216R-G55	M	2	1,6	0,1												☺
ACMT060204R-K55	M	2	0,4	0,9	☺	☺	☺	☺	☺						☺	☺

HC = Coated carbide
HW = Uncoated carbide

Shoulder milling cutters

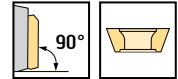
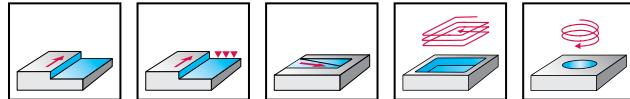
M5130 inch

AC .. 0602 .. R

Xtra-tec® XT



– 2 cutting edges per indexable insert



M5130	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
 ScrewFit	M5130.013-T09-03-05	0,500	0,382	0,787		0,197	3	0,049	3	AC .. 0602 .. R
	M5130.015-T14-03-05	0,625	0,571	0,984		0,197	3	0,071	3	
	M5130.015-T14-04-05	0,625	0,571	0,984		0,197	4	0,099	4	
	M5130.019-T18-04-05	0,750	0,728	0,984		0,197	4	0,11	4	
	M5130.019-T18-05-05	0,750	0,728	0,984		0,197	5	0,132	5	
	M5130.026-T22-05-05	1,000	0,866	1,181		0,197	5	0,254	5	
	M5130.026-T22-07-05	1,000	0,866	1,181		0,197	7	0,265	7	
	M5130.031-T28-06-05	1,250	1,102	1,378		0,197	6	0,421	6	
	M5130.031-T28-08-05	1,250	1,102	1,378		0,197	8	0,443	8	
	M5130.038-T36-07-05	1,500	1,417	1,378		0,197	7	0,765	7	
M5130.038-T36-10-05	1,500	1,417	1,378		0,197	10	0,789	10		
 DIN 1835 B	M5130.013-W13-03-05	0,500	0,500	0,700	2,281	0,197	3	0,108	3	AC .. 0602 .. R
	M5130.015-W15-03-05	0,625	0,625	0,750	2,656	0,197	3	0,225	3	
	M5130.015-W15-04-05	0,625	0,625	0,750	2,656	0,197	4	0,198	4	
	M5130.019-W19-04-05	0,750	0,750	0,945	2,781	0,197	4	0,300	4	
	M5130.019-W19-05-05	0,750	0,750	0,945	2,781	0,197	5	0,302	5	
	M5130.026-W26-05-05	1,000	1,000	1,000	3,281	0,197	5	0,626	5	
	M5130.026-W26-07-05	1,000	1,000	1,000	3,281	0,197	7	0,642	7	
 Cylindrical shank	M5130.013-A13-03-05	0,500	0,500	0,750	2,531	0,197	3	0,119	3	AC .. 0602 .. R
	M5130.015-A15-03-05	0,625	0,625	0,750	3,566	0,197	3	0,315	3	
	M5130.015-A15-04-05	0,625	0,625	0,750	3,566	0,197	4	0,278	4	
	M5130.019-A19-04-05	0,750	0,750	1,000	4,250	0,197	4	0,461	4	
	M5130.019-A19-05-05	0,750	0,750	1,000	4,250	0,197	5	0,463	5	
	M5130.026-A26-05-05	1,000	1,000	1,000	4,750	0,197	5	0,963	5	
	M5130.026-A26-07-05	1,000	1,000	1,000	4,750	0,197	7	0,963	7	
 Shell mill mount DIN 138 transverse keyway	M5130.051-B19-09-05	2,000	0,750	1,575		0,197	9	1,248	9	AC .. 0602 .. R
	M5130.051-B19-12-05	2,000	0,750	1,575		0,197	12	0,911	12	
	M5130.064-B26-11-05	2,500	1,000	1,575		0,197	11	1,444	11	
	M5130.064-B26-14-05	2,500	1,000	1,575		0,197	14	1,457	14	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts

D _c [inch]		0,5-1,5	2	2,5
	Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0,369 lbs	FS2560 (T6IP) 0,369 lbs	FS2560 (T6IP) 0,369 lbs
	Clamping screw for arbour-mounted tools		FS1518	FS1519

Accessories

D _c [inch]		0,5	0,625	0,75	1	1,25	1,5	2-2,5
	Torque screwdriver, analogue	FS2002	FS2002	FS2002	FS2002	FS2002	FS2002	FS2002
	Interchangeable blade	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P			M			K			N		S	
					HC			HC			HC			HC	HW	HC	
					WKP25S	WKP35G	WKP35S	WSP45G	W5M35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WKN15	WKN10
ACGT060204R-G65	G	2	0,016	0,035	☺	☺	☺	☺	☺								
ACGT060204R-M85	G	2	0,016	0,035									☺	☺			
ACMT060202R-G55	M	2	0,008	0,039		☺	☺	☺	☺				☺	☺			☺
ACMT060204R-G55	M	2	0,016	0,035	☺	☺	☺	☺	☺	☺			☺	☺			☺
ACMT060208R-G55	M	2	0,031	0,031		☺	☺	☺	☺				☺	☺			☺
ACMT060212R-G55	M	2	0,047	0,022		☺	☺	☺	☺				☺	☺			☺
ACMT060216R-G55	M	2	0,063	0,002		☺	☺	☺	☺				☺	☺			☺
ACMT060204R-K55	M	2	0,016	0,035	☺	☺	☺	☺	☺				☺	☺			☺

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

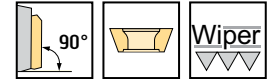
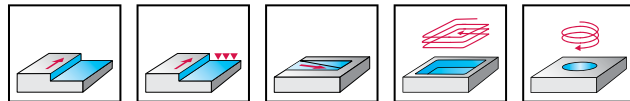
→ Good = ☺

→ Moderate = ☺

Shoulder milling cutters

M5130 mm
BC .. 0903 .. R
Xtra-tec® XT


– 2 cutting edges per indexable insert



M5130	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
 ScrewFit	M5130-016-T14-02-09	16	14,5	25		9	2	0,03	2	BC .. 0903 .. R
	M5130-020-T18-02-09	20	18,5	30		9	2	0,05	2	
	M5130-020-T18-03-09	20	18,5	30		9	3	0,05	3	
	M5130-025-T22-03-09	25	22	35		9	3	0,09	3	
	M5130-025-T22-04-09	25	22	35		9	4	0,11	4	
	M5130-032-T28-04-09	32	28	40		9	4	0,18	4	
 Cylindrical modular	M5130-016-TC08-02-09	16	14,5	25		9	2	0,04	2	BC .. 0903 .. R
	M5130-020-TC10-02-09	20	18,5	30		9	2	0,05	2	
	M5130-020-TC10-03-09	20	18,5	30		9	3	0,06	3	
	M5130-025-TC12-03-09	25	22	35		9	3	0,1	3	
	M5130-025-TC12-04-09	25	22	35		9	4	0,09	4	
	M5130-032-TC16-04-09	32	28	40		9	4	0,17	4	
 DIN 1835 B	M5130-016-W16-02-09	16	16	41	90	9	2	0,12	2	BC .. 0903 .. R
	M5130-020-W20-02-09	20	20	39	90	9	3	0,18	3	
	M5130-020-W20-03-09	20	20	39	90	9	3	0,18	3	
	M5130-025-W25-04-09	25	25	43	100	9	4	0,31	4	
	M5130-032-W32-05-09	32	32	49	110	9	5	0,59	5	
	 Cylindrical shank	M5130-016-A16-02-09	16	16	41	180	9	2	0,25	
M5130-018-A16-02-09		18	16	41	180	9	2	0,27	2	
M5130-020-A20-02-09		20	20	39	200	9	2	0,44	2	
M5130-020-A20-03-09		20	20	39	200	9	3	0,44	3	
M5130-022-A20-03-09		22	20	39	200	9	3	0,48	3	
M5130-025-A25-03-09		25	25	43	200	9	3	0,73	3	
M5130-025-A25-04-09		25	25	43	200	9	4	0,68	4	
 Shell mill mount DIN 138 transverse keyway	M5130-032-B16-03-09	32	16	40		9	3	0,25	3	BC .. 0903 .. R
	M5130-032-B16-06-09	32	16	40		9	6	0,12	6	
	M5130-040-B16-04-09	40	16	40		9	4	0,32	4	
	M5130-040-B16-06-09	40	16	40		9	6	0,21	6	
	M5130-040-B16-07-09	40	16	40		9	7	0,35	7	
	M5130-050-B22-05-09	50	22	40		9	5	0,32	5	
	M5130-050-B22-07-09	50	22	40		9	7	0,49	7	

Bodies and assembly parts are included in the scope of delivery

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	18-63	20	25	32
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	P						M					K					N			S			H							
			HC						HC					HC					DP	HC	HW	HC			HC							
			WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G	WHH15X			
	G	1																														
BCGT090304R-G55	G	2	☺	☺	☺	☺	☺					☺																				
BCGT090304R-K85	G	2																														
BCMT090302R-G55	M	2			☺	☺	☺																									
BCMT090304R-G55	M	2	☺	☺	☺	☺	☺																									
BCMT090308R-G55	M	2			☺	☺	☺																									
BCMT090312R-G55	M	2			☺	☺	☺																									
BCMT090316R-G55	M	2			☺	☺	☺																									
BCMT090320R-G55	M	2			☺	☺	☺																									
BCMT090304R-F55	M	2	☺	☺	☺	☺	☺							☺		☺	☺	☺	☺													
BCMT090304R-K55	M	2			☺	☺	☺																									
	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
 $R(\text{body}) = r(\text{indexable insert}) - 1 \text{ mm}$
 BCGX0903PDR-G55 wiper insert only in combination with BCGT090304R-G55

HC = Coated carbide
 DP = Polycrystalline diamond
 HW = Uncoated carbide

Shoulder milling cutters

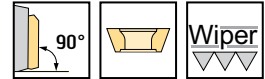
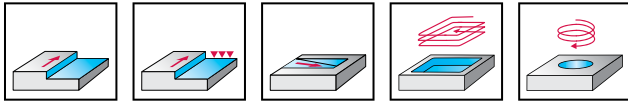
M5130

BC .. 0903 .. R

Xtra-tec® XT

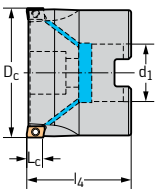


– 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5130	●	●	●	●	●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
M5130-050-B22-08-09	50	22	40		9	8	0,48	8	BC .. 0903 .. R
M5130-063-B22-07-09	63	22	40		9	7	0,63	7	
M5130-063-B22-11-09	63	22	40		9	11	0,64	11	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm] Clamping screw for indexable insert Tightening torque	16-63 FS2576 (T8IP) 1,2 Nm
--	---	----------------------------------

Accessories

D _c [mm]		16	18-63	20	25	32
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	P						M				K						N			S			H							
			HC			HC			HC				DP		HC	HW	HC			HC												
			WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G	WHH15X			
	BCGT090304R-B85	G	1																													
	BCGT090304R-G55	G	2	☺	☺	☺	☺							☺																		
	BCGT090304R-K85	G	2																													
	BCMT090302R-G55	M	2			☺	☺																									
	BCMT090304R-G55	M	2	☺	☺	☺	☺							☺																		
	BCMT090308R-G55	M	2			☺	☺																									
	BCMT090312R-G55	M	2			☺	☺																									
	BCMT090316R-G55	M	2			☺	☺																									
	BCMT090320R-G55	M	2			☺	☺																									
	BCMT090304R-F55	M	2	☺	☺	☺	☺							☺																		
	BCMT090304R-K55	M	2			☺	☺																									
	BCGX0903PDR-G55	G	2	☺										☺	☺																	☺

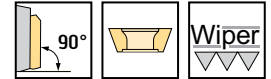
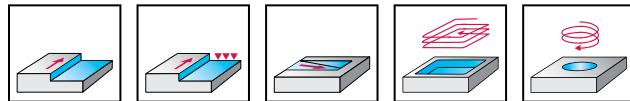
If the corner radius (r) is greater than 1.6 mm, the corner area of the insert seat in the body must be reworked
 R (body) = r (indexable insert) – 1 mm
 BCGX0903PDR-G55 wiper insert only in combination with BCGT090304R-G55

HC = Coated carbide
 DP = Polycrystalline diamond
 HW = Uncoated carbide

Shoulder milling cutters

M5130 inch
BC .. 0903 .. R
Xtra-tec® XT


– 2 cutting edges per indexable insert



M5130	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>ScrewFit</p>	★ M5130.019-T18-03-09	0,750	0,728	1,181		0,354	3	0,117	3	BC .. 0903 .. R
	★ M5130.026-T22-04-09	1,000	0,866	1,378		0,354	4	0,218	4	
	★ M5130.031-T28-04-09	1,250	1,102	1,378		0,354	4	0,357	4	
	★ M5130.038-T36-07-09	1,500	1,417	1,575		0,354	7	0,730	7	
<p>DIN 1835 B</p>	★ M5130.013-W15-01-09	0,500	0,625	0,827	2,732	0,354	1	0,185	1	BC .. 0903 .. R
	M5130.015-W15-02-09	0,625	0,625	0,945	2,851	0,354	2	0,227	2	
	M5130.019-W19-03-09	0,750	0,750	1,535	3,567	0,354	3	0,351	3	
	M5130.026-W26-03-09	1,000	1,000	1,181	3,462	0,354	3	0,624	3	
	M5130.026-W26-04-09	1,000	1,000	1,181	3,462	0,354	4	0,626	4	
	★ M5130.031-W31-05-09	1,250	1,250	1,417	3,698	0,354	5	1,071	5	
<p>Cylindrical shank</p>	★ M5130.038-W31-06-09	1,500	1,250	1,417	3,698	0,354	6	1,102	6	
	★ M5130.013-A15-01-09	0,500	0,625	1,250	6,250	0,354	1	0,465	1	BC .. 0903 .. R
	M5130.015-A15-02-09	0,625	0,625	1,630	7,000	0,354	2	0,54	2	
	M5130.019-A19-02-09	0,750	0,750	1,630	8,000	0,354	2	0,866	2	
	M5130.019-A19-03-09	0,750	0,750	1,630	8,000	0,354	3	0,869	3	
	M5130.026-A26-03-09	1,000	1,000	1,750	8,000	0,354	3	1,583	3	
<p>Shell mill mount DIN 138 transverse keyway</p>	★ M5130.026-A26-04-09	1,000	1,000	1,750	8,000	0,354	4	1,594	4	
	★ M5130.038-B19-04-09	1,500	0,750	1,575		0,354	4	0,337	4	BC .. 0903 .. R
	★ M5130.038-B19-07-09	1,500	0,750	1,575		0,354	7	0,39	7	
	M5130.051-B19-05-09	2,000	0,750	1,575		0,354	5	0,756	5	
	M5130.051-B19-08-09	2,000	0,750	1,575		0,354	8	0,809	8	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

D _c [inch]		0,5–1,25	1,5	2
	Clamping screw for indexable insert Tightening torque	FS2576 (T8IP) 0,885 lbs	FS2576 (T8IP) 0,885 lbs	FS2576 (T8IP) 0,885 lbs
	Clamping screw for arbour-mounted tools		FS1523	FS1523

Accessories

D _c [inch]		0,5–2	0,75	1	1,25	1,5
	Torque screwdriver, analogue	FS2002	FS2002	FS2002	FS2002	FS2002
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	P					M					K					N			S		H							
			HC					HC					HC					DP	HC	HW	HC		HC							
			WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WDN20	WXM15	WK10	WSM35G	WSM45X	WSP45G	WHH15X	
BCGT090304R-B85	G	1		☺	☺	☺	☺															☺								
BCGT090304R-G55	G	2	☺	☺	☺	☺	☺			☺	☺	☺		☺			☺	☺	☺	☺							☺	☺		
BCGT090304R-K85	G	2																						☺	☺					
BCMT090302R-G55	M	2			☺	☺	☺					☺						☺	☺	☺								☺	☺	
BCMT090304R-G55	M	2		☺	☺	☺	☺			☺	☺	☺		☺			☺	☺	☺	☺							☺	☺	☺	☺
BCMT090308R-G55	M	2			☺	☺	☺			☺	☺	☺					☺	☺	☺	☺							☺	☺	☺	☺
BCMT090312R-G55	M	2			☺	☺	☺					☺					☺	☺	☺	☺							☺	☺	☺	☺
BCMT090316R-G55	M	2			☺	☺	☺					☺					☺	☺	☺	☺							☺	☺	☺	☺
BCMT090320R-G55	M	2			☺	☺	☺					☺					☺	☺	☺	☺							☺	☺	☺	☺
BCMT090304R-F55	M	2		☺	☺	☺	☺			☺	☺	☺		☺			☺	☺	☺	☺							☺	☺	☺	☺
BCMT090304R-K55	M	2		☺	☺	☺	☺			☺	☺	☺		☺			☺	☺	☺	☺							☺	☺	☺	☺
BCGX0903PDR-G55	G	2	☺				☺	☺					☺	☺	☺					☺	☺								☺	

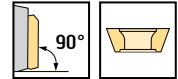
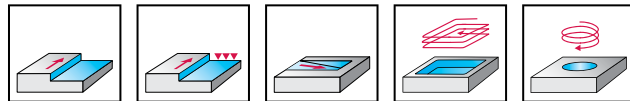
If the corner radius $r = 1.6$ mm or above, the corner area of the body must be reworked.
 If the corner radius (r) is greater than 1.6 mm, the corner area of the insert seat in the body must be reworked
 $R(\text{body}) = r(\text{indexable insert}) - 1$ mm
 BCGX0903PDR-G55 wiper insert only in combination with BCGT090304R-G55

HC = Coated carbide
 DP = Polycrystalline diamond
 HW = Uncoated carbide

Shoulder milling cutters

M5130 mm
BC .. 1204 .. R
Xtra-tec® XT


– 2 cutting edges per indexable insert



M5130	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
 ScrewFit	M5130-025-T22-03-12	25	22	35		12	3	0,1	3	BC .. 1204 .. R
	M5130-032-T28-03-12	32	28	40		12	3	0,17	3	
	M5130-032-T28-04-12	32	28	40		12	4	0,18	4	
	M5130-040-T36-03-12	40	36	40		12	3	0,33	3	
	M5130-040-T36-05-12	40	36	40		12	5	0,32	5	
	M5130-040-T36-06-12	40	36	40		12	6	0,32	6	
 Cylindrical modular	M5130-025-TC12-03-12	25	22	35		12	3	0,1	3	BC .. 1204 .. R
	M5130-032-TC16-03-12	32	28	40		12	3	0,16	3	
	M5130-032-TC16-04-12	32	28	40		12	4	0,17	4	
	M5130-040-TC16-03-12	40	28	40		12	3	0,21	3	
	M5130-040-TC16-06-12	40	28	40		12	6	0,22	6	
 DIN 1835 B	M5130-025-W25-03-12	25	25	43	100	12	3	0,3	3	BC .. 1204 .. R
	M5130-032-W32-03-12	32	32	49	110	12	3	0,53	3	
	M5130-032-W32-04-12	32	32	49	110	12	4	0,56	4	
	M5130-040-W32-05-12	40	32	49	110	12	5	0,65	5	
	M5130-040-W32-06-12	40	32	49	110	12	6	0,68	6	
 Cylindrical shank	M5130-022-A20-02-12	22	20	38	200	12	2	0,45	2	BC .. 1204 .. R
	M5130-025-A25-02-12	25	25	38	200	12	2	0,71	2	
	M5130-025-A25-03-12	25	25	38	200	12	3	0,68	3	
	M5130-032-A32-03-12	32	32	39	250	12	3	1,44	3	
	M5130-032-A32-04-12	32	32	39	250	12	4	1,42	4	
	M5130-040-A32-05-12	40	32	44	250	12	5	1,57	5	
 Shell mill mount DIN 138 transverse keyway	M5130-040-B16-03-12	40	16	40		12	3	0,17	3	BC .. 1204 .. R
	M5130-040-B16-04-12	40	16	40		12	4	0,18	4	
	M5130-040-B16-05-12	40	16	40		12	5	0,19	5	
	M5130-040-B16-06-12	40	16	40		12	6	0,33	6	
	M5130-050-B22-03-12	50	22	40		12	3	0,32	3	
	M5130-050-B22-04-12	50	22	40		12	4	0,3	4	
	M5130-050-B22-06-12	50	22	40		12	6	0,46	6	

Bodies and assembly parts are included in the scope of delivery

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	25	32	40
	Torque screwdriver, analogue	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	P			M			K			N			S				
			HC			HC			HC			DP	HC	HW	HC				
			WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM45X
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	☺	☺	☺	☺	☺		☺		☺	☺				☺			☺

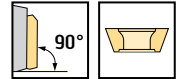
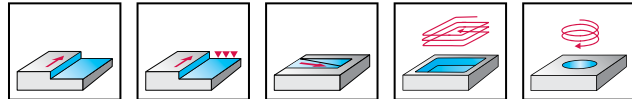
If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
R (body) = r (indexable insert) - 1 mm

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

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
										BC .. 1204 .. R
<p>Shell mill mount DIN 138 transverse keyway</p>	M5130-050-B22-07-12	50	22	40		12	7	0,31	7	BC .. 1204 .. R
	M5130-063-B22-04-12	63	22	40		12	4	0,66	4	
	M5130-063-B22-05-12	63	22	40		12	5	0,48	5	
	M5130-063-B22-07-12	63	22	40		12	7	0,72	7	
	M5130-063-B22-08-12	63	22	40		12	8	0,51	8	
	M5130-063-B27-04-12	63	27	50		12	4	0,66	4	
	M5130-063-B27-05-12	63	27	50		12	5	0,67	5	
	M5130-063-B27-07-12	63	27	50		12	7	0,93	7	
	M5130-063-B27-08-12	63	27	50		12	8	0,71	8	
	M5130-080-B27-05-12	80	27	50		12	5	1,12	5	
	M5130-080-B27-06-12	80	27	50		12	6	1,15	6	
	M5130-080-B27-08-12	80	27	50		12	8	1,02	8	
	M5130-080-B27-09-12	80	27	50		12	9	1,21	9	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	22-80
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm

Accessories

	D _c [mm]	22-80	25	32	40
	Torque screwdriver, analogue	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	P			M			K			N			S				
			HC			HC			HC			DP	HC	HW	HC				
			WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM45X
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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☉ → Good = ☉ → Moderate = ☉

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

Shoulder milling cutters

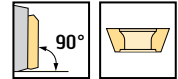
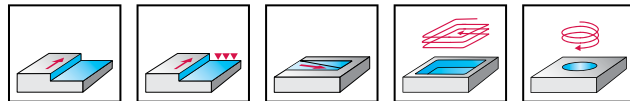
M5130 inch

BC .. 1204 .. R

Xtra-tec® XT



– 2 cutting edges per indexable insert



M5130	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>ScrewFit</p>	M5130.026-T22-03-12	1,000	0,866	1,378		0,472	3	0,187	3	BC .. 1204 .. R
	★ M5130.026-T22-04-12	1,000	0,866	1,378		0,472	4	0,196	4	
	M5130.031-T28-03-12	1,250	1,102	1,575		0,472	3	0,351	3	
	M5130.031-T28-04-12	1,250	1,102	1,575		0,472	4	0,412	4	
	M5130.038-T36-06-12	1,500	1,417	1,575		0,472	6	0,710	6	
	M5130.051-T45-06-12	2,000	1,772	1,575		0,472	6	1,074	6	
	M5130.051-T45-07-12	2,000	1,772	1,575		0,472	7	1,076	7	
<p>DIN 1835 B</p>	M5130.019-W19-02-12	0,750	0,750	1,024	3,059	0,472	2	0,291	2	BC .. 1204 .. R
	★ M5130.026-W19-03-12	1,000	0,750	0,945	3,366	0,472	3	0,359	3	
	M5130.026-W26-03-12	1,000	1,000	1,339	3,280	0,472	3	0,604	3	
	★ M5130.031-W26-04-12	1,250	1,000	1,417	3,701	0,472	4	0,723	4	
	★ M5130.031-W26-05-12	1,250	1,000	1,417	3,701	0,472	5	0,728	5	
	M5130.031-W31-04-12	1,250	1,250	1,417	3,697	0,472	4	1,071	4	
	★ M5130.031-W31-05-12	1,250	1,250	1,417	3,701	0,472	5	1,047	5	
<p>Cylindrical shank</p>	★ M5130.038-W31-04-12	1,500	1,250	1,730	4,011	0,472	4	1,268	4	
	★ M5130.038-W31-06-12	1,500	1,250	1,730	4,011	0,472	6	1,294	6	
	M5130.019-A19-02-12	0,750	0,750	1,030	7,530	0,472	2	0,816	2	BC .. 1204 .. R
	★ M5130.026-A19-03-12	1,000	0,750	1,500	8,000	0,472	3	0,908	3	
	★ M5130.026-A26-02-12	1,000	1,000	1,500	8,000	0,472	2	1,603	2	
	M5130.026-A26-03-12	1,000	1,000	1,500	8,000	0,472	3	1,572	3	
	★ M5130.031-A31-03-12	1,250	1,250	1,630	10,000	0,472	3	3,146	3	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5130.031-A31-04-12	1,250	1,250	1,630	10,000	0,472	4	3,142	4	
	★ M5130.038-A31-04-12	1,500	1,250	1,630	10,000	0,472	4	3,318	4	
	M5130.038-B19-05-12	1,500	0,750	1,500		0,472	5	0,340	5	BC .. 1204 .. R
	M5130.038-B19-06-12	1,500	0,750	1,500		0,472	6	0,326	6	
	M5130.051-B19-04-12	2,000	0,750	1,575		0,472	4	0,644	4	
	M5130.051-B19-06-12	2,000	0,750	1,575		0,472	6	1,131	6	
	M5130.051-B19-07-12	2,000	0,750	1,575		0,472	7	1,129	7	
	M5130.064-B26-05-12	2,500	1,000	1,575		0,472	5	1,208	5	
	★ M5130.064-B26-07-12	2,500	1,000	1,575		0,472	7	1,228	7	
	M5130.064-B26-08-12	2,500	1,000	1,575		0,472	8	1,202	8	
	M5130.076-B26-06-12	3,000	1,000	2,000		0,472	6	2,606	6	
	M5130.076-B26-08-12	3,000	1,000	2,000		0,472	8	2,205	8	
	M5130.076-B26-09-12	3,000	1,000	2,000		0,472	9	2,593	9	
★ M5130.102-B38-12-12	4,000	1,500	2,500		0,472	12	6,162	12		

Bodies and assembly parts are included in the scope of delivery

Assembly parts

D _c [inch]		0,75–1,25	1,5	2	2,5	3	4–5
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs
	Clamping screw for arbour-mounted tools		FS1523	FS1523	FS1519	FS1519	FS1583

Accessories

D _c [inch]		0,75–5	1	1,25	1,5	2
	Torque screwdriver, analogue	FS2004	FS2004	FS2004	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	P			M			K			N			S				
			HC			HC			HC			DP			HC				
			WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM45X
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.
 $R(\text{body}) = r(\text{indexable insert}) - 1$ mm

HC = Coated carbide
 DP = Polycrystalline diamond
 HW = Uncoated carbide

Shoulder milling cutters

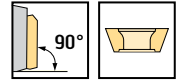
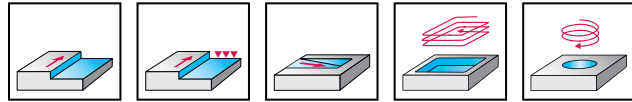
M5130 inch

BC .. 1204 .. R

Xtra-tec® XT

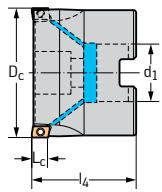


– 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5130	●	●	●	●	●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation

★ M5130.127-B38-14-12

D_c
inch

5,000

d_1
inch

1,500

l_4
inch

2,500

l_1
inch

L_c
inch

0,472

Z

14



8,499

No. of inserts

14

Type

BC .. 1204 .. R

Bodies and assembly parts are included in the scope of delivery

Assembly parts

D _c [inch]		0,75–1,25	1,5	2	2,5	3	4–5
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs
	Clamping screw for arbour-mounted tools		FS1523	FS1523	FS1519	FS1519	FS1583

Accessories

D _c [inch]		0,75–5	1	1,25	1,5	2
	Torque screwdriver, analogue	FS2004	FS2004	FS2004	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	P			M			K			N			S				
			HC			HC			HC			DP			HC				
			WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM45X
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	☉	☉	☉	☉	☉												☉

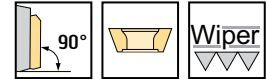
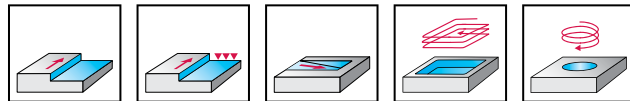
If the corner radius $r = 2.5$ mm or above, the corner area of the body must be reworked.
 $R(\text{body}) = r(\text{indexable insert}) - 1$ mm

HC = Coated carbide
 DP = Polycrystalline diamond
 HW = Uncoated carbide

Shoulder milling cutters

M5130 mm
BC .. 1605 .. R
Xtra-tec® XT


– 2 cutting edges per indexable insert



M5130	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
<p>ScrewFit</p>	M5130-032-T28-03-15	32	28	40		15	3	0,16	3	BC .. 1605 .. R
	M5130-040-T36-03-15	40	36	40		15	3	0,31	3	
	M5130-040-T36-04-15	40	36	40		15	4	0,31	4	
	M5130-050-T45-03-15	50	45	40		15	3	0,45	3	
	M5130-050-T45-05-15	50	45	40		15	5	0,43	5	
	M5130-050-T45-06-15	50	45	40		15	6	0,49	6	
<p>Cylindrical modular</p>	M5130-032-TC16-03-15	32	28	40		15	3	0,15	3	BC .. 1605 .. R
	M5130-040-TC16-03-15	40	28	40		15	3	0,24	3	
	M5130-040-TC16-04-15	40	28	40		15	4	0,2	4	
<p>DIN 1835 B</p>	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	
<p>Cylindrical shank</p>	M5130-025-A25-02-15	25	25	38	200	15	2	0,67	2	BC .. 1605 .. R
	M5130-028-A25-02-15	28	25	38	200	15	2	0,7	2	
	M5130-032-A32-03-15	32	32	39	250	15	3	1,43	3	
	M5130-035-A32-03-15	35	32	39	250	15	3	1,46	3	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5130-040-B16-03-15	40	16	40		15	3	0,15	3	BC .. 1605 .. R
	M5130-040-B16-04-15	40	16	40		15	4	0,17	4	
	M5130-042-B16-03-15	42	16	40		15	3	0,17	3	
	M5130-050-B22-03-15	50	22	40		15	3	0,42	3	
	M5130-050-B22-05-15	50	22	40		15	5	0,41	5	
	M5130-050-B22-06-15	50	22	40		15	6	0,4	6	
	M5130-054-B22-03-15	54	22	40		15	3	0,5	3	
	M5130-063-B22-04-15	63	22	40		15	4	0,42	4	

Bodies and assembly parts are included in the scope of delivery

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	32	40	50	160
	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)
	(incl. gasket + screws) Sealing disc set					FS936 SET KOMPLETT
	Gasket					O-R 96X4

Indexable inserts

Designation	Tolerance class	Number of cutting edges	b mm	P					M				K					N		S			H				
				HC					HC				HC					HC	HW	HC			HC				
				WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WXN15	WK10	WSM35G	WSM45X
	BCGT160508R-G51	G	2	2																							
	BCGT160508R-G55	G	2	2	☺	☺	☺	☺			☺																
	BCHT160508R-K85	H	2	2																							
	BCHT160512R-K85	H	2	1.7																		☺	☺				
	BCHT160516R-K85	H	2	1.7																		☺	☺				
	BCHT160520R-K85	H	2	1.5																		☺	☺				
	BCHT160525R-K85	H	2	1.4																		☺	☺				
	BCHT160530R-K85	H	2	1.2																		☺	☺				
	BCHT160540R-K85	H	2	1.1																		☺	☺				
	BCMT160508R-F55	M	2	2	☺	☺	☺	☺			☺			☺											☺	☺	☺
	BCMT160508R-G55	M	2	2	☺	☺	☺	☺			☺			☺											☺	☺	☺
	BCMT160512R-G55	M	2	1.7		☺	☺	☺																	☺	☺	☺
	BCMT160516R-G55	M	2	1.5		☺	☺	☺																	☺	☺	☺
	BCMT160520R-G55	M	2	1.5		☺	☺	☺																	☺	☺	☺
	BCMT160525R-G55	M	2	1.4		☺	☺	☺																	☺	☺	☺
	BCMT160530R-G55	M	2	1.2		☺	☺	☺																	☺	☺	☺
	BCMT160532R-G55	M	2	1.1		☺	☺	☺																	☺	☺	☺
	BCMT160540R-G55	M	2	1.1		☺	☺	☺																	☺	☺	☺
	BCMT160550R-G55	M	2	0.7		☺	☺	☺																	☺	☺	☺
	BCMT160560R-G55	M	2	0.1		☺	☺	☺																	☺	☺	☺
	BCMT160508R-G55W	M	2	2				☺																	☺	☺	☺
	BCMT160516R-G55W	M	2	1.5				☺																	☺	☺	☺
	BCMT160530R-G55W	M	2	1.2				☺																	☺	☺	☺
	BCMT160508R-K55	M	2	2		☺	☺	☺			☺			☺											☺	☺	☺
	BCGX1605PDR-G55	G	2	8	☺			☺	☺				☺	☺	☺												☺

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.

R (body) = r (indexable insert) - 1 mm

BCGX1605PDR-G55 wiper insert only in combination with BCGT160508-G55

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺ → Good = ☺ → Moderate = ☺

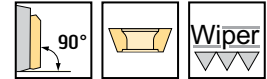
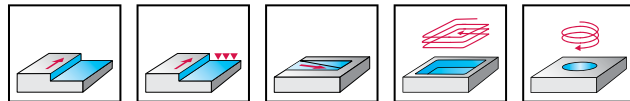
☺ ☺ ☺ / * = New addition to the product range

Shoulder milling cutters D 497

Shoulder milling cutters

M5130 mm
BC .. 1605 .. R
Xtra-tec® XT


– 2 cutting edges per indexable insert



M5130	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	M5130-063-B22-06-15	63	22	40		15	6	0,44	6	BC .. 1605 .. R
	M5130-063-B22-07-15	63	22	40		15	7	0,45	7	
	M5130-063-B27-04-15	63	27	50		15	4	0,61	4	
	M5130-063-B27-06-15	63	27	50		15	6	0,64	6	
	M5130-063-B27-07-15	63	27	50		15	7	0,86	7	
	M5130-066-B27-04-15	66	27	50		15	4	0,88	4	
	M5130-080-B27-05-15	80	27	50		15	5	1,14	5	
	M5130-080-B27-07-15	80	27	50		15	7	0,96	7	
	M5130-080-B27-08-15	80	27	50		15	8	0,97	8	
	M5130-085-B27-05-15	85	27	50		15	5	1,03	5	
	M5130-100-B32-05-15	100	32	50		15	5	1,58	5	
	M5130-100-B32-08-15	100	32	50		15	8	1,62	8	
M5130-125-B40-07-15	125	40	63		15	7	3,97	7		
M5130-125-B40-10-15	125	40	63		15	10	2,67	10		
<p>Shell mill mount DIN 138 transverse keyway</p>	M5130-160-B40-08-15	160	40	63		15	8	3,69	8	BC .. 1605 .. R
	M5130-160-B40-12-15	160	40	63		15	12	3,02	12	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

D _c [mm]		25	28-160
	Clamping screw for indexable insert Tightening torque	FS1461 (T15IP) 2.5 Nm	FS2300 (T15IP) 3.5 Nm

Accessories

D _c [mm]		25-125	32	40	50	160
	Torque screwdriver, analogue	FS2003	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)
	(incl. gasket + screws) Sealing disc set					FS936 SET KOMPLETT
	Gasket					O-R 96X4

Indexable inserts

Designation	Tolerance class	Number of cutting edges	b mm	P						M				K						N		S			H				
				HC						HC				HC						HC	HW	HC			HC				
				WH15X	WKP25	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WH15X	WKK25G	WKP25	WKP35G	WKP35S	WPM15G	WXM15	WXN15	WK10	WSM35G	WSM45X	WSP45G	WH15X
	BCGT160508R-G51	G	2	2																									
	BCGT160508R-G55	G	2	2																									
	BCHT160508R-K85	H	2	2																									
	BCHT160512R-K85	H	2	1.7																									
	BCHT160516R-K85	H	2	1.7																									
	BCHT160520R-K85	H	2	1.5																									
	BCHT160525R-K85	H	2	1.4																									
	BCHT160530R-K85	H	2	1.2																									
	BCHT160540R-K85	H	2	1.1																									
	BCMT160508R-F55	M	2	2																									
	BCMT160508R-G55	M	2	2																									
	BCMT160512R-G55	M	2	1.7																									
	BCMT160516R-G55	M	2	1.5																									
	BCMT160520R-G55	M	2	1.5																									
	BCMT160525R-G55	M	2	1.4																									
	BCMT160530R-G55	M	2	1.2																									
	BCMT160532R-G55	M	2	1.1																									
	BCMT160540R-G55	M	2	1.1																									
	BCMT160550R-G55	M	2	0.7																									
	BCMT160560R-G55	M	2	0.1																									
	BCMT160508R-G55W	M	2	2																									
	BCMT160516R-G55W	M	2	1.5																									
	BCMT160530R-G55W	M	2	1.2																									
	BCMT160508R-K55	M	2	2																									
	BCGX1605PDR-G55	G	2	8																									

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
 R (body) = r (indexable insert) - 1 mm
 BCGX1605PDR-G55 wiper insert only in combination with BCGT160508-G55

HC = Coated carbide
 HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = → Good = → Moderate =

= New addition to the product range

Shoulder milling cutters D 499

D2

Shoulder milling cutters

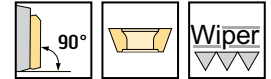
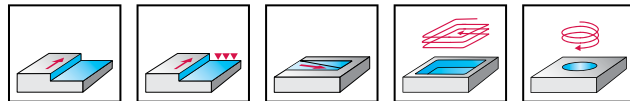
M5130 inch

BC .. 1605 .. R

Xtra-tec® XT



– 2 cutting edges per indexable insert



M5130	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>ScrewFit</p>	M5130.038-T36-03-15	1,500	1,417	1,500		0,591	3	0,661	3	BC .. 1605 .. R
	M5130.038-T36-04-15	1,500	1,417	1,500		0,591	4	0,701	4	
	★ M5130.051-T45-03-15	2,000	1,772	1,575		0,591	3	0,974	3	
	M5130.051-T45-06-15	2,000	1,772	1,575		0,591	6	1,016	6	
<p>DIN 1835 B</p>	★ M5130.026-W19-02-15	1,000	0,750	1,85	3,878	0,591	2	0,419	2	BC .. 1605 .. R
	M5130.026-W26-02-15	1,000	1,000	1,850	4,131	0,591	2	0,719	2	
	M5130.031-W31-03-15	1,250	1,250	1,500	3,781	0,591	3	1,012	3	
	★ M5130.038-W31-03-15	1,500	1,250	1,730	4,011	0,591	3	1,243	3	
	M5130.038-W31-04-15	1,500	1,250	1,730	4,008	0,591	4	1,261	4	
<p>Cylindrical shank</p>	★ M5130.026-A19-02-15	1,000	0,750	1,496	7,996	0,591	2	0,902	2	BC .. 1605 .. R
	M5130.026-A26-02-15	1,000	1,000	1,850	8,350	0,591	2	1,607	2	
	M5130.031-A31-03-15	1,250	1,250	1,500	9,87	0,591	3	3,201	3	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5130.051-B19-03-15	2,000	0,750	1,575		0,591	3	1,034	3	BC .. 1605 .. R
	M5130.051-B19-05-15	2,000	0,750	1,575		0,591	5	0,661	5	
	M5130.051-B19-06-15	2,000	0,750	1,575		0,591	6	1,082	6	
	M5130.064-B26-04-15	2,500	1,000	1,575		0,591	4	1,096	4	
	M5130.064-B26-06-15	2,500	1,000	1,575		0,591	6	1,146	6	
	M5130.064-B26-07-15	2,500	1,000	1,575		0,591	7	1,131	7	
	M5130.076-B26-05-15	3,000	1,000	2,000		0,591	5	2,502	5	
	M5130.076-B26-07-15	3,000	1,000	2,000		0,591	7	2,008	7	
	M5130.076-B26-08-15	3,000	1,000	2,000		0,591	8	2,297	8	
	M5130.102-B38-05-15	4,000	1,500	2,500		0,591	5	5,269	5	
	M5130.102-B38-08-15	4,000	1,500	2,500		0,591	8	6,041	8	
	M5130.127-B38-07-15	5,000	1,500	2,500		0,591	7	7,542	7	
	M5130.127-B38-10-15	5,000	1,500	2,500		0,591	10	8,201	10	
	M5130.152-B38-08-15	6,000	1,500	2,500		0,591	8	10,437	8	
	M5130.152-B38-12-15	6,000	1,500	2,500		0,591	12	10,229	12	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

Assembly parts

D _c [inch]		1	1,25-1,5	2	2,5-3	4-6
	Clamping screw for indexable insert Tightening torque	FS1461 (T15IP) 1,844 lbs	FS2300 (T15IP) 2,581 lbs	FS1461 (T15IP) 1,844 lbs	FS2300 (T15IP) 2,581 lbs	FS2300 (T15IP) 2,581 lbs
	Clamping screw for arbour-mounted tools			FS1523	FS1519	FS1583

Accessories

D _c [inch]		1-6	1,5	2
	Torque screwdriver, analogue	FS2004	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	b inch	P						M				K						N		S			H			
				HC						HC				HC						HC	HW	HC			HC			
				WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WXN15	WK10	WSM35G	WSM45X	WSP45G
BCGT160508R-G51	G	2	0,079	☺	☺	☺	☺						☺															
BCGT160508R-G55	G	2	0,079	☺	☺	☺	☺						☺															
BCHT160508R-K85	H	2	0,079																			☺	☺					
BCHT160512R-K85	H	2	0,067																			☺	☺					
BCHT160516R-K85	H	2	0,067																			☺	☺					
BCHT160520R-K85	H	2	0,059																			☺	☺					
BCHT160525R-K85	H	2	0,055																			☺	☺					
BCHT160530R-K85	H	2	0,047																			☺	☺					
BCHT160540R-K85	H	2	0,043																			☺	☺					
BCMT160508R-F55	M	2	0,079	☺	☺	☺	☺						☺		☺	☺	☺	☺							☺	☺		
BCMT160508R-G55	M	2	0,079	☺	☺	☺	☺						☺		☺	☺	☺	☺							☺	☺		
BCMT160512R-G55	M	2	0,067		☺	☺	☺								☺	☺	☺	☺							☺	☺		
BCMT160516R-G55	M	2	0,059		☺	☺	☺								☺	☺	☺	☺							☺	☺		
BCMT160520R-G55	M	2	0,059		☺	☺	☺								☺	☺	☺	☺							☺	☺		
BCMT160525R-G55	M	2	0,055		☺	☺	☺								☺	☺	☺	☺							☺	☺		
BCMT160530R-G55	M	2	0,047		☺	☺	☺								☺	☺	☺	☺							☺	☺		
BCMT160532R-G55	M	2	0,043		☺	☺	☺								☺	☺	☺	☺							☺	☺		
BCMT160540R-G55	M	2	0,043		☺	☺	☺								☺	☺	☺	☺							☺	☺		
BCMT160550R-G55	M	2	0,028		☺	☺	☺								☺	☺	☺	☺							☺	☺		
BCMT160560R-G55	M	2	0,004		☺	☺	☺								☺	☺	☺	☺							☺	☺		
BCMT160508R-G55W	M	2	0,079		☺	☺	☺								☺	☺	☺	☺							☺	☺		
BCMT160516R-G55W	M	2	0,059		☺	☺	☺								☺	☺	☺	☺							☺	☺		
BCMT160530R-G55W	M	2	0,047		☺	☺	☺								☺	☺	☺	☺							☺	☺		
BCMT160508R-K55	M	2	0,079		☺	☺	☺								☺	☺	☺	☺							☺	☺		
BCGX1605PDR-G55	G	2	0,315	☺			☺	☺					☺	☺	☺													☺

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
 R (body) = r (indexable insert) - 1 mm
 BCGX1605PDR-G55 wiper insert only in combination with BCGT160508-G55

HC = Coated carbide
 HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺ → Good = ☺ → Moderate = ☺

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

Shoulder milling cutters D 501

D2

Shoulder milling cutters

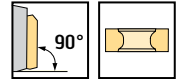
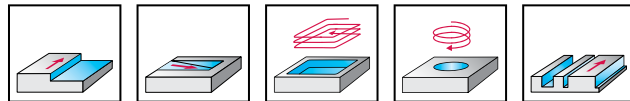
M5137

TNMU11T3...

Xtra-tec® XT



– 6 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5137	●	●	●	●	●		

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
<p>DIN 1835 B</p>	M5137-025-W25-03-05	25	25	40	96	5	3	0,29	3	TNMU11T3...
	M5137-032-W32-04-05	32	32	40	101	5	4	0,53	4	
	M5137-032-W32-05-05	32	32	40	101	5	5	0,53	5	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5137-040-B16-05-05	40	16	40		5	5	0,19	5	TNMU11T3...
	M5137-040-B16-06-05	40	16	40		5	6	0,19	6	
	M5137-050-B22-06-05	50	22	40		5	6	0,29	6	
	M5137-050-B22-08-05	50	22	40		5	8	0,43	8	
	M5137-063-B22-07-05	63	22	40		5	7	0,48	7	
	M5137-063-B22-09-05	63	22	40		5	9	0,69	9	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	25-63
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm

Accessories

	D _c [mm]	25-63
	Torque screwdriver, analogue	FS2001
	Interchangeable blade	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P			M	K		S		
					HC			HC	HC		HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G
	TNMU11T304R-G27	M	6	0,4	1	☺	☺	☺	☺	☺	☺	☺	☺
	TNMU11T308R-G27	M	6	0,8	0,8	☺	☺	☺	☺	☺	☺	☺	☺
	TNMU11T304R-G57	M	6	0,4	1	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide

Shoulder milling cutters

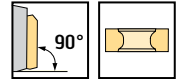
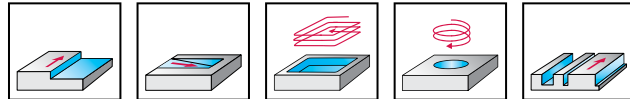
M5137 inch

TNMU11T3...

Xtra-tec® XT



– 6 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5137	●	●	●	●	●		

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>DIN 1835 B</p>	★ M5137.026-W19-03-05	1,000	0,750	1,181	3,212	0,197	3	0,353	3	TNMU11T3...
	M5137.026-W26-03-05	1,000	1,000	1,181	3,462	0,197	3	0,639	3	
	★ M5137.031-W26-04-05	1,250	1,000	1,181	3,462	0,197	4	0,705	4	
	★ M5137.031-W26-05-05	1,250	1,000	1,181	3,462	0,197	5	0,683	5	
	M5137.031-W31-04-05	1,250	1,250	1,181	3,462	0,197	4	1,014	4	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5137.031-W31-05-05	1,250	1,250	1,181	3,462	0,197	5	0,992	5	TNMU11T3...
	M5137.038-B19-05-05	1,500	0,750	1,500		0,197	5	0,331	5	
	M5137.038-B19-06-05	1,500	0,750	1,500		0,197	6	0,617	6	
	M5137.051-B19-06-05	2,000	0,750	1,500		0,197	6	0,728	6	
	M5137.051-B19-08-05	2,000	0,750	1,500		0,197	8	0,728	8	
	M5137.064-B26-07-05	2,500	1,000	1,500		0,197	7	1,759	7	
	M5137.064-B26-09-05	2,500	1,000	1,500		0,197	9	1,146	9	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [inch]	1-1,25	1,5-2	2,5
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,664 lbs	FS2061 (T7IP) 0,664 lbs	FS2061 (T7IP) 0,664 lbs
	Clamping screw for arbour-mounted tools		FS1518	FS1519

Accessories

	D _c [inch]	1-2,5
	Torque screwdriver, analogue	FS2002
	Interchangeable blade	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)

Indexable inserts

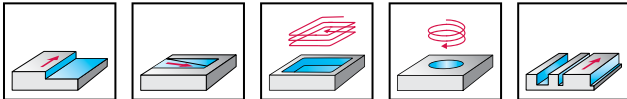
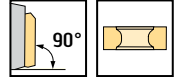
Designation	Tolerance class	Number of cutting edges	r inch	b inch	P		M	K		S
					HC		HC	HC		HC
					WKP25S	WKP35G	WSP45G	WKP25S	WKP35G	WSP45G
TNMU11T304R-G27	M	6	0,016	0,039	☺	☺	☺	☺	☺	☺
TNMU11T308R-G27	M	6	0,031	0,030	☺	☺	☺	☺	☺	☺
TNMU11T304R-G57	M	6	0,016	0,039	☺	☺	☺	☺	☺	☺

HC = Coated carbide

Shoulder milling cutters

M5137 mm
TNMU1605...
Xtra-tec® XT


– 6 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5137	●	●	●	●	●		

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	M5137-050-B22-04-08	50	22	40	8	4	0,26	4	TNMU1605...
	M5137-050-B22-05-08	50	22	40	8	5	0,25	5	
	M5137-063-B22-05-08	63	22	40	8	5	0,66	5	
	M5137-063-B22-07-08	63	22	40	8	7	0,57	7	
	M5137-080-B27-07-08	80	27	50	8	7	0,9	7	
	M5137-080-B27-09-08	80	27	50	8	9	0,91	9	
	M5137-100-B32-08-08	100	32	50	8	8	2,42	8	
	M5137-100-B32-11-08	100	32	50	8	11	1,62	11	
	M5137-125-B40-11-08	125	40	63	8	11	3,23	11	
	M5137-125-B40-13-08	125	40	63	8	13	3,42	13	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5137-160-B40-12-08	160	40	63	8	12	4,48	12	TNMU1605...
	M5137-160-B40-14-08	160	40	63	8	14	4,5	14	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	50–160
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 2 Nm

Accessories

	D _c [mm]	50–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M	K		S
					HC		HC	HC		HC
					WKP25S	WKP35G	WSP45G	WKP25S	WKP35G	WSP45G
TNMU160508R-G27	M	6	0,8	1,6	☺	☺	☺	☺	☺	☺
TNMU160512R-G27	M	6	1,2	1,3	☺	☺	☺	☺	☺	☺
TNMU160516R-G27	M	6	1,6	0,9	☺	☺	☺	☺	☺	☺
TNMU160508R-G57	M	6	0,8	1,6	☺	☺	☺	☺	☺	☺

HC = Coated carbide

Shoulder milling cutters

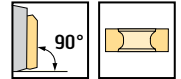
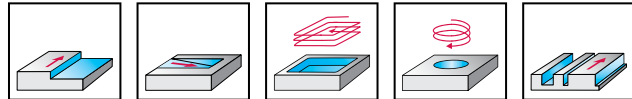
M5137 inch

TNMU1605...

Xtra-tec® XT



– 6 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5137	●	●	●	●	●	●	●

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	M5137.051-B19-04-08	2,000	0,750	1,500	0,315	4	0,639	4	TNMU1605...
	M5137.051-B19-05-08	2,000	0,750	1,500	0,315	5	0,617	5	
	M5137.064-B26-05-08	2,500	1,000	1,500	0,315	5	1,065	5	
	M5137.064-B26-07-08	2,500	1,000	1,500	0,315	7	1,014	7	
	M5137.076-B26-07-08	3,000	1,000	2,000	0,315	7	1,814	7	
	M5137.076-B26-09-08	3,000	1,000	2,000	0,315	9	1,764	9	
	M5137.102-B38-08-08	4,000	1,500	2,500	0,315	8	5,470	8	
	M5137.102-B38-11-08	4,000	1,500	2,500	0,315	11	5,445	11	
	M5137.127-B38-11-08	5,000	1,500	2,48	0,315	11	7,496	11	
	M5137.127-B38-13-08	5,000	1,500	2,48	0,315	13	7,518	13	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5137.152-B38-12-08	6,000	1,500	2,48	0,315	12	12,037	12	TNMU1605...
	M5137.152-B38-14-08	6,000	1,500	2,48	0,315	14	8,841	14	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [inch]	2	2,5-3	4-6
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 1,475 lbs	FS2079 (T9IP) 1,475 lbs	FS2079 (T9IP) 1,475 lbs
	Clamping screw for arbour-mounted tools	FS1518	FS1519	FS1583

Accessories

	D _c [inch]	2-4	5-6
	Torque screwdriver, analogue	FS2004	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P		M		K		S
					WC	HC	WC	HC	WC	HC	WC
	TNMM160508R-G27	M	6	0,031	0,063	WC	HC	WC	HC	WC	HC
	TNMM160512R-G27	M	6	0,047	0,051	WC	HC	WC	HC	WC	HC
	TNMM160516R-G27	M	6	0,063	0,035	WC	HC	WC	HC	WC	HC
	TNMM160508R-G57	M	6	0,031	0,063	WC	HC	WC	HC	WC	HC

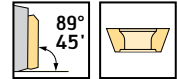
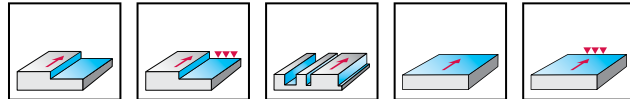
HC = Coated carbide

Shoulder milling cutters

M4132



– 4 cutting edges per indexable insert



M4132	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

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	14,5	25		5,6	2	0,04	2	SD .. 06T2 .. SDGT06T2PDR
	M4132-020-T18-02-06	20	18,5	30		5,6	2	0,07	2	
	M4132-020-T18-03-06	20	18,5	30		5,6	3	0,07	3	
	M4132-025-T22-02-09	25	22	35		8,4	2	0,12	2	SD .. 09T3 .. SDGT09T3PDR
	M4132-025-T22-03-06	25	22	35		5,6	3	0,11	3	SD .. 06T2 .. SDGT06T2PDR
	M4132-025-T22-04-06	25	22	35		5,6	4	0,12	4	
	M4132-032-T28-03-09	32	28	40		8,4	3	0,2	3	SD .. 09T3 .. SDGT09T3PDR
Cylindrical modular	M4132-040-T36-04-09	40	36	40		8,4	4	0,36	4	
	M4132-050-T45-06-09	50	45	40		8,4	6	0,55	6	
	M4132-016-TC08-02-06	16	14,5	25		5,6	2	0,03	2	SD .. 06T2 .. SDGT06T2PDR
	M4132-020-TC10-02-06	20	18,5	30		5,6	2	0,06	2	
	M4132-020-TC10-03-06	20	18,5	30		5,6	3	0,07	3	
	M4132-025-TC12-02-09	25	22	35		8,4	2	0,1	2	SD .. 09T3 .. SDGT09T3PDR
	M4132-025-TC12-03-06	25	22	35		5,6	3	0,1	3	SD .. 06T2 .. SDGT06T2PDR
DIN 1835 B	M4132-025-TC12-04-06	25	22	35		5,6	4	0,1	4	
	M4132-032-TC16-02-09	32	28	40		8,4	2	0,2	2	SD .. 09T3 .. SDGT09T3PDR
	M4132-032-TC16-03-09	32	28	40		8,4	3	0,18	3	
	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
Shell mill mount DIN 138 transverse keyway	M4132-025-W25-03-06	25	25	43	100	5,6	3	0,34	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	0,6	3	
	M4132-040-W40-04-09	40	40	49	120	8,4	4	1,07	4	
	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	

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				M		K					N			S	
					HC				HC		HC					DP	HC	HW	HC	
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10
SDGT06T2PDR-D57	G	4	0,4	1,2	☉	☉	☉	☉	☉											
SDGT09T3PDR-D57	G	4	0,8	1,2	☉	☉	☉	☉	☉											
SDGT1204PDR-D57	G	4	0,8	1,6	☉	☉	☉	☉	☉											
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																	☉
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																	☉
SDGW09T304-A88	G	1	0,4													☉				
SDGW120408-A88	G	1	0,8													☉				

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

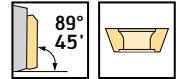
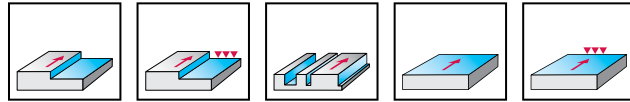
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☉ → Good = ☉ → Moderate = ☉

Shoulder milling cutters

M4132

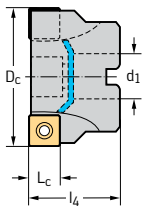


– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4132	●	●	●	●	●	●	●

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
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	1,05	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

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				M		K					N			S	
					HC				HC		HC					DP	HC	HW	HC	
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10
SDGT06T2PDR-D57	G	4	0,4	1,2	☉	☉	☉	☉	☉											
SDGT09T3PDR-D57	G	4	0,8	1,2	☉	☉	☉	☉	☉											
SDGT1204PDR-D57	G	4	0,8	1,6	☉	☉	☉	☉	☉											
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																	☉
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																	☉
SDGW09T304-A88	G	1	0,4																	☉
SDGW120408-A88	G	1	0,8																	☉

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

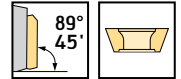
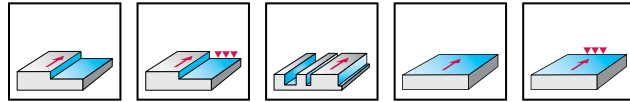
Shoulder milling cutters

Shoulder milling cutters

M4132 inch



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4132	●	●	●	●	●	●	●

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	z	lbs	No. of inserts	Type
<p>DIN 1835 B</p>	M4132.015-W15-02-06	0,625	0,625	0,945	2,851	0,22	2	0,234	2	SD .. 06T2 .. SDGT06T2PDR
	M4132.019-W19-03-06	0,750	0,750	0,945	2,976	0,22	3	0,342	3	
	M4132.026-W26-02-09	1,000	1,000	1,339	3,622	0,331	2	0,071	2	SD .. 09T3 .. SDGT09T3PDR
	M4132.031-W31-03-09	1,250	1,250	1,417	3,701	0,331	3	0,108	3	
<p>Shell mill mount DIN 138 transverse keyway</p>	M4132.038-B13-05-09	1,500	0,500	1,575		0,331	5	0,049	5	SD .. 09T3 .. SDGT09T3PDR
	M4132.051-B19-04-12	2,000	0,750	1,500		0,457	4	0,778	4	SD .. 1204 .. SDGT1204PDR
	M4132.051-B19-06-09	2,000	0,750	1,575		0,331	6	0,981	6	SD .. 09T3 .. SDGT09T3PDR
	M4132.064-B26-05-12	2,500	1,000	1,575		0,457	5	1,109	5	SD .. 1204 .. SDGT1204PDR
	M4132.064-B26-07-09	2,500	1,000	1,575		0,331	7	0,141	7	SD .. 09T3 .. SDGT09T3PDR
	M4132.076-B26-06-12	3,000	1,000	1,969		0,457	6	2,002	6	SD .. 1204 .. SDGT1204PDR
	M4132.076-B26-08-09	3,000	1,000	1,969		0,331	8	2,317	8	SD .. 09T3 .. SDGT09T3PDR

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,664 lbs	FS2266 (T10IP) 1,475 lbs	FS1453 (T15IP) 2,581 lbs
Clamping screw for arbour-mounted tools		FS1597	FS1523

Accessories

Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
Torque screwdriver, analogue	FS2002	FS2004	FS2004
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 inch	b inch	P				M			K					N			S			
					HC	HC	HC	HC	HC	HC	HC	HC	DP	HC	HW	HC	HC	HC					
					WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G
SDGT06T2PDR-D57	G	4	0,016	0,047	☉	☉	☉	☉	☉	☉	☉				☉	☉	☉				☉	☉	☉
SDGT09T3PDR-D57	G	4	0,031	0,047	☉	☉	☉	☉	☉	☉	☉				☉	☉	☉				☉	☉	☉
SDGT1204PDR-D57	G	4	0,031	0,063	☉	☉	☉	☉	☉	☉	☉				☉	☉	☉				☉	☉	☉
SDHT06T204-G88	H	4	0,016															☉	☉				
SDMT06T204-D51	M	4	0,016		☉	☉	☉	☉			☉				☉	☉	☉						☉
SDMT06T204-D57	M	4	0,016		☉	☉	☉	☉	☉		☉		☉	☉	☉	☉	☉						☉
SDMT06T204-F57	M	4	0,016		☉	☉	☉	☉	☉		☉		☉	☉	☉	☉	☉						☉
SDMT06T208-F57	M	4	0,031		☉	☉	☉	☉	☉		☉		☉	☉	☉	☉	☉						☉
SDMT06T212-F57	M	4	0,047		☉	☉	☉	☉	☉		☉		☉	☉	☉	☉	☉						☉
SDMW06T204-A57	M	4	0,016		☉	☉	☉								☉	☉	☉						☉
SDHT09T304-G88	H	4	0,016															☉	☉				
SDHT09T308-G88	H	4	0,031															☉	☉				
SDMT09T308-D51	M	4	0,031		☉	☉	☉	☉			☉				☉	☉	☉						☉
SDMT09T308-D57	M	4	0,031		☉	☉	☉	☉	☉		☉		☉	☉	☉	☉	☉						☉
SDMT09T304-F57	M	4	0,016		☉	☉	☉	☉			☉				☉	☉	☉						☉
SDMT09T308-F57	M	4	0,031		☉	☉	☉	☉	☉		☉				☉	☉	☉						☉
SDMT09T312-F57	M	4	0,047		☉	☉	☉	☉	☉		☉				☉	☉	☉						☉
SDMT09T316-F57	M	4	0,063		☉	☉	☉	☉	☉		☉				☉	☉	☉						☉
SDMT09T320-F57	M	4	0,079		☉	☉	☉	☉	☉		☉				☉	☉	☉						☉
SDMW09T308-A57	M	4	0,031		☉	☉	☉								☉	☉	☉						☉
SDMW09T320-A57	M	4	0,079		☉	☉	☉	☉			☉		☉	☉	☉	☉	☉						☉
SDHT120408-G88	H	4	0,031															☉	☉				
SDMT120408-F57	M	4	0,031		☉	☉	☉	☉	☉		☉				☉	☉	☉						☉
SDMT120412-F57	M	4	0,047		☉	☉	☉	☉			☉				☉	☉	☉						☉
SDMT120416-F57	M	4	0,063		☉	☉	☉	☉			☉				☉	☉	☉						☉
SDMT120420-F57	M	4	0,079		☉	☉	☉	☉			☉				☉	☉	☉						☉
SDMT120425-F57	M	4	0,098		☉	☉	☉	☉	☉		☉				☉	☉	☉						☉
SDMT120408-D51	M	4	0,031		☉	☉	☉	☉			☉				☉	☉	☉						☉
SDMT120408-D57	M	4	0,031		☉	☉	☉	☉	☉		☉		☉	☉	☉	☉	☉						☉
SDMW120408-A57	M	4	0,031		☉	☉	☉								☉	☉	☉						☉
SDMW120425-A57	M	4	0,098		☉	☉	☉	☉			☉		☉	☉	☉	☉	☉						☉
SDGW09T304-A88	G	1	0,016															☉					
SDGW120408-A88	G	1	0,031															☉					

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

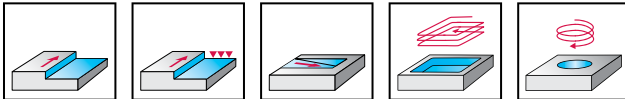
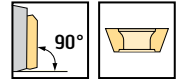
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☉ → Good = ☉ → Moderate = ☉

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

Ramping milling cutters

M2131 mm

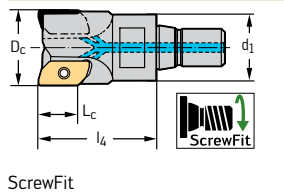

- For pocket machining
- 2 cutting edges per indexable insert



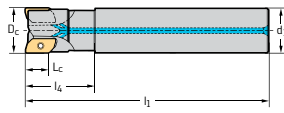
M2131	P	M	K	N	S	H	O
-------	---	---	---	---	---	---	---

Tool

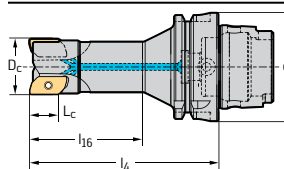
Designation	D _c mm	d ₁ mm	l ₄ mm	h ₁₆ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
M2131-025-T22-02-15	25	22	45			15	2	0,1	2	ZD .. 15 . 4 ..
M2131-032-T28-02-15	32	28	50			15	2	0,23	2	
M2131-032-T28-02-20	32	28	50			20	2	0,17	2	ZD .. 20 . 5 ..
M2131-032-T28-03-15	32	28	50			15	3	0,21	3	ZD .. 15 . 4 ..
M2131-040-T36-02-20	40	36	50			20	2	0,35	2	ZD .. 20 . 5 ..
M2131-040-T36-03-15	40	36	50			15	3	0,39	3	ZD .. 15 . 4 ..
M2131-025-A20-02-15-S	25	20	40		110	15	2	0,25	2	ZD .. 15 . 4 ..
M2131-025-A25-02-15-L	25	25	40		150	15	2	0,5	2	
M2131-032-A20-02-15-S	32	20	40		110	15	2	0,29	2	
M2131-032-A20-03-15-S	32	20	40		110	15	3	0,26	3	
M2131-032-A25-02-15-L	32	25	40		175	15	2	0,65	2	
M2131-032-A25-02-20-L	32	25	40		175	20	2	0,61	2	ZD .. 20 . 5 ..
M2131-032-A25-03-15-L	32	25	40		175	15	3	0,62	3	ZD .. 15 . 4 ..
M2131-032-A32-02-15-L	32	32	50		175	15	2	0,99	2	
M2131-032-A32-02-20-L	32	32	50		175	20	2	0,93	2	ZD .. 20 . 5 ..
M2131-032-A32-03-15-L	32	32	50		175	15	3	0,96	3	ZD .. 15 . 4 ..
M2131-025-H63-02-15	25	63	110	60		15	2	1	2	ZD .. 15 . 4 ..
M2131-032-H63-02-15	32	63	110	65		15	2	1,1	2	
M2131-050-H63-03-20	50	63	110	80		20	3	1,43	3	ZD .. 20 . 5 ..
M2131-050-H63-04-15	50	63	110	80		15	4	0,21	4	ZD .. 15 . 4 ..
M2131-050-H80-03-20-D	50	80	110	80		20	3	1,88	3	ZD .. 20 . 5 ..
M2131-040-B16-03-15	40	16	50			15	3	0,27	3	ZD .. 15 . 4 ..
M2131-050-B22-03-20	50	22	60			20	3	0,53	3	ZD .. 20 . 5 ..
M2131-050-B22-04-15	50	22	50			15	4	0,38	4	ZD .. 15 . 4 ..
M2131-063-B22-04-20	63	22	50			20	4	0,54	4	ZD .. 20 . 5 ..
M2131-063-B22-05-15	63	22	50			15	5	0,59	5	ZD .. 15 . 4 ..
M2131-080-B27-05-15	80	27	60			15	5	1,37	5	



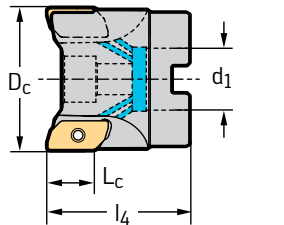
ScrewFit



Cylindrical shank



HSK DIN 69893-1 A



Shell mill mount DIN 138 transverse keyway

For information on high-speed applications, see „Technical information/Information on high-speed applications“ | Pre-balanced tools | Tools with HSK have a residual imbalance of 3 gmm – with chip hole, without chip | M2131-...-D special interface for Dörries Scharmann (similar to HSK-A DIN 69893) | For HSK accessories, see „Assembly parts and accessories/Transfer units for HSK“ | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

Type	ZD .. 15 . 4 ..	ZD .. 20 . 5 ..
Clamping screw for indexable insert Tightening torque	FS1222 (T15IP) 3,5 Nm	FS2139 (T20IP) 5 Nm
Clamping screw for arbour-mounted tools	M08X040 ISO4762 12.9 (SW 6)	M10X040 ISO4762 12.9 (SW 8)

Accessories

Type	ZD .. 15 . 4 ..	ZD .. 20 . 5 ..
Torque screwdriver, analogue	FS2003	FS2003
Torque screwdriver, digital	FS2248	FS2248
Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)
Screwdriver	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	N				
					HC	HC	HW	HW	
					WN15	WX15	WK10	WMG40	
ZDGT150404R-K85	G	2	0,4	1,2	☺	☺	☺		
ZDGT150408R-K85	G	2	0,8	1,2	☺	☺	☺		
ZDGT150412R-K85	G	2	1,2	1,2	☺	☺	☺		
ZDGT150416R-K85	G	2	1,6	1,2	☺	☺	☺		
ZDGT150420R-K85	G	2	2	1,2	☺	☺	☺		
ZDGT150430R-K85	G	2	3	1,2	☺	☺	☺		
ZDGT150440R-K85	G	2	4	1,2	☺	☺	☺		
ZDGT15A404R-K85	G	2	0,4	1,2				☺	
ZDGT15A408R-K85	G	2	0,8	1,2				☺	
ZDGT15A412R-K85	G	2	1,2	1,2				☺	
ZDGT15A416R-K85	G	2	1,6	1,2				☺	
ZDGT15A420R-K85	G	2	2	1,2				☺	
ZDGT15A430R-K85	G	2	3	1,2				☺	
ZDGT15A440R-K85	G	2	4	1,2				☺	
ZDGT200508R-K85	G	2	0,8	1,2	☺		☺		
ZDGT200512R-K85	G	2	1,2	1,2			☺		
ZDGT200516R-K85	G	2	1,6	1,2			☺		
ZDGT200520R-K85	G	2	2	1,2	☺		☺		
ZDGT200530R-K85	G	2	3	1,2	☺		☺		
ZDGT200540R-K85	G	2	4	1,2	☺		☺		
ZDGT200550R-K85	G	2	5	1,2			☺		
ZDGT200560R-K85	G	2	6	1,2			☺		
ZDGT200564R-K85	G	2	6,4	1,2			☺		
ZDGT20A508R-K85	G	2	0,8	1,2				☺	
ZDGT20A516R-K85	G	2	1,6	1,2				☺	
ZDGT20A520R-K85	G	2	2	1,2				☺	
ZDGT20A530R-K85	G	2	3	1,2				☺	
ZDGT20A540R-K85	G	2	4	1,2				☺	
ZDGT20A550R-K85	G	2	5	1,2				☺	

If the corner radius $r = 2.0$ mm or above, the corner area of the body must be reworked:
 $R(\text{body}) = r(\text{indexable insert}) - 1$ mm

HC = Coated carbide
 HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺ → Good = ☺ → Moderate = ☺

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

Shoulder milling cutters D 517

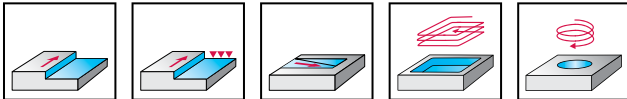
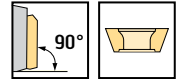
D2

Ramping milling cutters

M2131 inch



- For pocket machining
- 2 cutting edges per indexable insert



M2131	P	M	K	N	S	H	O
-------	---	---	---	---	---	---	---

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>ScrewFit</p>	M2131.026-T22-02-15	1,000	0,866	1,752		0,591	2	0,026	2	ZD .. 15 . 4 ..
	M2131.031-T28-02-15	1,250	1,102	2,000		0,591	2	0,511	2	
	M2131.031-T28-03-15	1,250	1,102	2,000		0,591	3	0,465	3	
	M2131.038-T36-03-15	1,500	1,417	2,000		0,591	3	0,825	3	
<p>Cylindrical shank</p>	M2131.026-A26-02-15-L	1,000	1,000	1,500	6,000	0,591	2	1,188	2	ZD .. 15 . 4 ..
	M2131.031-A26-02-15-L	1,250	1,000	1,500	7,000	0,591	2	1,475	2	
	M2131.031-A26-03-15-L	1,250	1,000	1,500	7,000	0,591	3	1,411	3	
	M2131.038-A31-03-15-L	1,500	1,250	2,252	7,000	0,591	3	2,355	3	
<p>Shell mill mount DIN 138 transverse keyway</p>	M2131.051-B19-03-20	2,000	0,750	2,000		0,787	3	0,884	3	ZD .. 20 . 5 ..
	M2131.051-B19-04-15	2,000	0,750	2,000		0,591	4	0,904	4	ZD .. 15 . 4 ..
	M2131.064-B26-04-20	2,500	1,000	2,000		0,787	4	1,08	4	ZD .. 20 . 5 ..
	M2131.064-B26-05-15	2,500	1,000	2,000		0,591	5	1,168	5	ZD .. 15 . 4 ..
	M2131.076-B26-05-15	3,000	1,000	2,000		0,591	5	2,072	5	
	M2131.076-B26-05-20	3,000	1,000	2,000		0,787	5	1,784	5	ZD .. 20 . 5 ..

For information on high-speed applications, see „Technical information/Information on high-speed applications“ | Pre-balanced tools | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

Type	ZD .. 15 . 4 ..	ZD .. 20 . 5 ..
Clamping screw for indexable insert Tightening torque	FS1222 (T15IP) 2,581 lbs	FS2281 (T20IP) 3,688 lbs
Clamping screw for arbour-mounted tools	FS1338	FS1338

Accessories

Type	ZD .. 15 . 4 ..	ZD .. 20 . 5 ..
Torque screwdriver, analogue	FS2004	FS2004
Torque screwdriver, digital	FS2248	FS2248
Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)
Screwdriver	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	N				
					HC	HC	HW	HW	
					WNN15	WYN15	WK10	WVG40	
ZDGT150404R-K85	G	2	0,016	0,047	☺	☺	☺		
ZDGT150408R-K85	G	2	0,031	0,047	☺	☺	☺		
ZDGT150412R-K85	G	2	0,047	0,047	☺	☺	☺		
ZDGT150416R-K85	G	2	0,063	0,047	☺	☺	☺		
ZDGT150420R-K85	G	2	0,079	0,047	☺	☺	☺		
ZDGT150430R-K85	G	2	0,118	0,047	☺	☺	☺		
ZDGT150440R-K85	G	2	0,157	0,047	☺	☺	☺		
ZDGT15A404R-K85	G	2	0,016	0,047				☺	
ZDGT15A408R-K85	G	2	0,031	0,047				☺	
ZDGT15A412R-K85	G	2	0,047	0,047				☺	
ZDGT15A416R-K85	G	2	0,063	0,047				☺	
ZDGT15A420R-K85	G	2	0,079	0,047				☺	
ZDGT15A430R-K85	G	2	0,118	0,047				☺	
ZDGT15A440R-K85	G	2	0,157	0,047				☺	
ZDGT200508R-K85	G	2	0,031	0,047	☺		☺		
ZDGT200512R-K85	G	2	0,047	0,047			☺		
ZDGT200516R-K85	G	2	0,063	0,047			☺		
ZDGT200520R-K85	G	2	0,079	0,047	☺		☺		
ZDGT200530R-K85	G	2	0,118	0,047	☺		☺		
ZDGT200540R-K85	G	2	0,157	0,047	☺		☺		
ZDGT200550R-K85	G	2	0,197	0,047			☺		
ZDGT200560R-K85	G	2	0,236	0,047			☺		
ZDGT200564R-K85	G	2	0,252	0,047			☺		
ZDGT20A508R-K85	G	2	0,031	0,047				☺	
ZDGT20A516R-K85	G	2	0,063	0,047				☺	
ZDGT20A520R-K85	G	2	0,079	0,047				☺	
ZDGT20A530R-K85	G	2	0,118	0,047				☺	
ZDGT20A540R-K85	G	2	0,157	0,047				☺	
ZDGT20A550R-K85	G	2	0,197	0,047				☺	

If the corner radius $r = 2.0$ mm or above, the corner area of the body must be reworked:
 $R(\text{body}) = r(\text{indexable insert}) - 1 \text{ mm}$

HC = Coated carbide
 HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

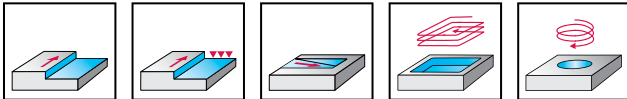
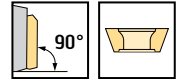
→ Very good = ☺ → Good = ☺ → Moderate = ☺

Ramping milling cutters

M2331

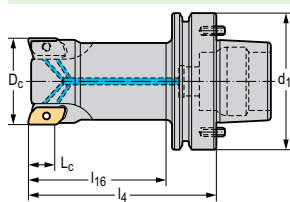


- For pocket machining
- 2 cutting edges per indexable insert

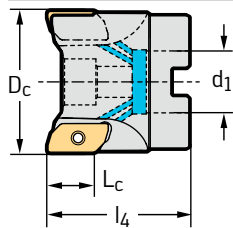


M2331	P	M	K	N	S	H	O
				●●			●

Tool




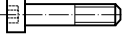
Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁₆ mm	L _c mm	Z	kg	No. of inserts	Type
M2331-050-H80F-04-15-MA	50	80	110	80	15	4	1,89	4	ZD .. 15A4 ..
M2331-040-B16-03-15	40	16	50		15	3	0,22	3	ZD .. 15A4 ..
M2331-050-B22-03-20	50	22	60		20	3	0,42	3	ZD .. 20A5 ..
M2331-050-B22-04-15	50	22	50		15	4	0,42	4	ZD .. 15A4 ..




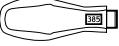

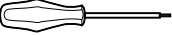
Shell mill mount DIN 138 transverse keyway

Pre-balanced tools | For information on high-speed applications, see „Technical information/Information on high-speed applications“ | Tools with HSK have a residual imbalance of 3 gmm – with chip hole, without chip | M2331-...-MA special interface for Makino (similar to HSK-A DIN 69893) | Bodies and assembly parts are included in the scope of delivery

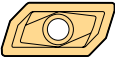













Assembly parts

Type	ZD .. 15A4 ..	ZD .. 20A5 ..
 Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm	FS2281 (T20IP) 5 Nm
 Clamping screw for arbour-mounted tools	M08X040 ISO4762 12.9 (SW 6)	M10X040 ISO4762 12.9 (SW 8)

Accessories

Type	ZD .. 15A4 ..	ZD .. 20A5 ..
 Torque screwdriver, analogue	FS2003	FS2003
 Torque screwdriver, digital	FS2248	FS2248
 Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)
 Screwdriver	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	N HW WMG40
 ZDGT15A404R-K85	G	2	0,4	1,2	
ZDGT15A408R-K85	G	2	0,8	1,2	
ZDGT15A412R-K85	G	2	1,2	1,2	
ZDGT15A416R-K85	G	2	1,6	1,2	
ZDGT15A420R-K85	G	2	2	1,2	
ZDGT15A430R-K85	G	2	3	1,2	
ZDGT15A440R-K85	G	2	4	1,2	
ZDGT20A508R-K85	G	2	0,8	1,2	
ZDGT20A516R-K85	G	2	1,6	1,2	
ZDGT20A520R-K85	G	2	2	1,2	
ZDGT20A530R-K85	G	2	3	1,2	
ZDGT20A540R-K85	G	2	4	1,2	
ZDGT20A550R-K85	G	2	5	1,2	

If the corner radius $r = 2.0$ mm or above, the corner area of the body must be reworked:
 $R(\text{body}) = r(\text{indexable insert}) - 1$ mm

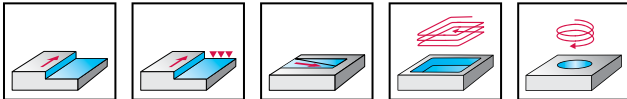
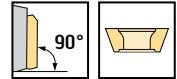
HW = Uncoated carbide

Ramping milling cutters

M2331 inch

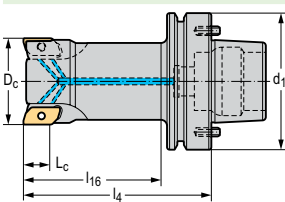


- For pocket machining
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
M2331				●●			●


Tool






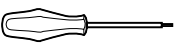
Designation	D _c inch	d ₁ inch	l ₄ inch	l ₁₆ inch	L _c inch	Z	lbs	No. of inserts	Type
M2331.051-H80F-03-20-MA	2,000	3,150	4,331	3,150	0,787	3	4,151	3	ZD .. 20A5 ..
M2331.051-H80F-04-15-MA	2,000	3,150	4,331	3,150	0,591	4	4,226	4	ZD .. 15A4 ..

Pre-balanced tools | For information on high-speed applications, see „Technical information/Information on high-speed applications“ | Tools with HSK have a residual imbalance of 3 gmm – with chip hole, without chip | M2331-...-MA special interface for Makino (similar to HSK-A DIN 69893) | Bodies and assembly parts are included in the scope of delivery

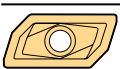













Assembly parts

Type	ZD .. 15A4 ..	ZD .. 20A5 ..
 Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 2,581 lbs	FS2281 (T20IP) 3,688 lbs

Accessories

Type	ZD .. 15A4 ..	ZD .. 20A5 ..
 Torque screwdriver, analogue	FS2004	FS2004
 Torque screwdriver, digital	FS2248	FS2248
 Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)
 Screwdriver	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	N HW WMG40
 ZDGT20A508R-K85	G	2	0,031	0,047	
ZDGT20A516R-K85	G	2	0,063	0,047	
ZDGT20A520R-K85	G	2	0,079	0,047	
ZDGT20A530R-K85	G	2	0,118	0,047	
ZDGT20A540R-K85	G	2	0,157	0,047	
ZDGT20A550R-K85	G	2	0,197	0,047	
ZDGT15A404R-K85	G	2	0,016	0,047	
ZDGT15A408R-K85	G	2	0,031	0,047	
ZDGT15A412R-K85	G	2	0,047	0,047	
ZDGT15A416R-K85	G	2	0,063	0,047	
ZDGT15A420R-K85	G	2	0,079	0,047	
ZDGT15A430R-K85	G	2	0,118	0,047	
ZDGT15A440R-K85	G	2	0,157	0,047	

If the corner radius $r = 2.0$ mm or above, the corner area of the body must be reworked:
 $R(\text{body}) = r(\text{indexable insert}) - 1$ mm

HW = Uncoated carbide

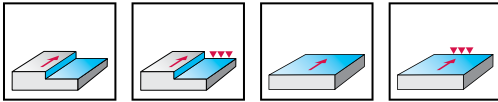
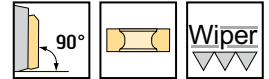
Close pitch cutter

M2136

SNEF120408R; SNEX1204PN ..



- 8 cutting edges per indexable insert
- Axial repositioning not possible



	P	M	K	N	S	H	O
M2136			●●				

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	M2136-050-B22-06-06	50	22	50	6,5	6	0,56	6	SNEF120408R SNEX1204PN ..
	M2136-063-B22-08-06	63	22	50	6,5	8	0,76	8	
	M2136-080-B27-12-06	80	27	50	6,5	12	1,23	12	
	M2136-100-B32-16-06	100	32	50	6,5	16	1,79	16	
	M2136-125-B40-20-06	125	40	63	6,5	20	3,42	20	
<p>Shell mill mount DIN 138 transverse keyway</p>	M2136-160-B40-24-06	160	40	63	6,5	24	6,05	24	SNEF120408R SNEX1204PN ..

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [mm]	50–160
	Clamping wedge	FK377
	Clamping screw for clamping wedge Tightening torque	FS2185 (T10IP) 4 Nm

Accessories

	D _c [mm]	50–160
	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	K					H
					HC	WAK15	WHH15X	HC	WKK25G	WKP25S	WKP35G
SNEF120408R-B67	E	8	0.8	2.1							
SNEX1204PNN-A27	E	4	1.2	10.3							
SNEX1204PNR-B67	E	4	0.8	10.8							

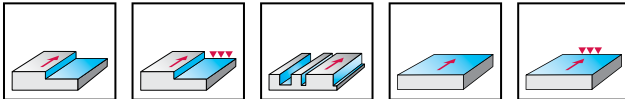
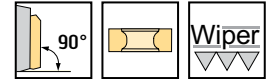
HC = Coated carbide

D2

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	22	35		8	3	0,11	3	LNH . 0904 .. R
	F5041.T22.025.Z04.08	25	22	35		8	4	0,11	4	
	F5041.T28.032.Z04.08	32	28	40		8	4	0,22	4	
	F5041.T28.032.Z05.08	32	28	40		8	5	0,22	5	
 ScrewFit	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	
 DIN 1835 B	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	0,7	4	
	F5041.Z32.032.Z04.08	32	32	39	250	8	4	1,49	4	
	F5041.Z32.032.Z05.08	32	32	39	250	8	5	1,5	5	
 Cylindrical shank	F5041.B16.040.Z04.08	40	16	40		8	4	0,36	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	0,5	7	
	F5041.B22.063.Z07.08	63	22	40		8	7	0,75	7	
	F5041.B22.063.Z10.08	63	22	40		8	10	0,75	10	
Shell mill mount DIN 138 transverse keyway										

constructively balanced | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [mm]	25-63
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm

Accessories

	D _c [mm]	25	32	40-63
	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)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P								M				K					N		S		H
					HC								HC				HC					HC	HW	HC		HC
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WPM15G	WSM35G	WSM45X	WSP45G	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WKN15	WK10	WSM35G	WSM45X	WSP45G
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

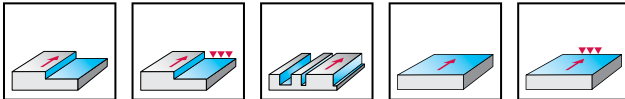
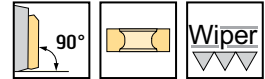
Shoulder milling cutters

F5041 inch

LNH . 0904 .. R
Walter BLAXX



- Tangential arrangement of indexable inserts
- 4 cutting edges per indexable insert



F5041	●	●	●	●	●	●	●
-------	---	---	---	---	---	---	---

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>ScrewFit</p>	★ F5041.UT22.026.Z02.08	1,000	0,866	1,378		0,315	2	0,243	2	LNH . 0904 .. R
	F5041.UW26.026.Z03.08	1,000	1,000	1,719	4,000	0,315	3	0,785	3	LNH . 0904 .. R
	F5041.UW31.031.Z04.08	1,250	1,250	1,719	4,000	0,315	4	1,224	4	
<p>DIN 1835 B</p>	F5041.UZ26.026.Z03.08	1,000	1,000	1,97	8,000	0,315	3	1,64	3	LNH . 0904 .. R
	<p>Cylindrical shank</p>	F5041.UB19.051.Z05.08	2,000	0,750	1,575		0,315	5	1,371	5
<p>Shell mill mount DIN 138 transverse keyway</p>										

constructively balanced | Screwdriver included in the scope of delivery | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [inch]	1-1,25	2
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 1,475 lbs	FS1457 (T9IP) 1,475 lbs
	Clamping screw for arbour-mounted tools		FS1518

Accessories

	D _c [inch]	1-2
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P				M				K					N		S			H			
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WPM15G	WSM35G	WSM45X	WSP45G	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WXN15	WK10	WSM35G	WSM45X	WSP45G
LNHU090404R-L55T	H	4	0,016	0,059	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU090408R-L55T	H	4	0,031	0,043	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU090412R-L55T	H	4	0,047	0,031	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU090416R-L55T	H	4	0,063		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU090420R-L55T	H	4	0,079		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU090404R-L65T	H	4	0,016	0,059	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU090404R-L85T	H	4	0,016	0,059	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNMU090404R-L55T	M	4	0,016	0,059	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHX0904PDR-L55T	H	2	0,016	0,138	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

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

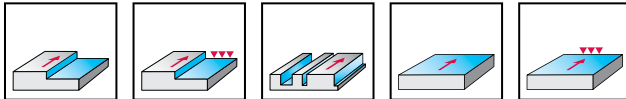
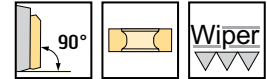
Shoulder milling cutters

F5141

LNH . 1306 .. R
Walter BLAXX



- Tangential arrangement of indexable inserts
- 4 cutting edges per indexable insert



F5141	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	z	kg	No. of inserts	Type
<p>ScrewFit</p>	F5141.T36.040.Z05.12	40	36	40		12	5	0,36	5	LNH . 1306 .. R
	F5141.T45.050.Z06.12	50	45	40		12	6	0,51	6	
<p>DIN 1835 B</p>	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	
<p>Cylindrical shank</p>	F5141.Z32.040.Z03.12	40	32	44	250	12	3	1,57	3	LNH . 1306 .. R
<p>Shell mill mount DIN 138 transverse keyway</p>	F5141.B16.040.Z04.12	40	16	40		12	4	0,2	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	0,32	5	
	F5141.B22.050.Z06.12	50	22	40		12	6	0,45	6	
	F5141.B22.063.Z06.12	63	22	40		12	6	0,56	6	
	F5141.B22.063.Z08.12	63	22	40		12	8	0,79	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	2,7	9	
	F5141.B32.100.Z13.12	100	32	50		12	13	2,02	13	
	F5141.B40.125.Z11.12	125	40	63		12	11	3,48	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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts

	D _c [mm]	40-160
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm

Accessories

	D _c [mm]	40	50	63-125	160
	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)
	(incl. gasket + screws) Sealing disc set				FS936 SET KOM- PLETT
	Torque wrench				O-R 96X4

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P						M					K					N		S			H										
					HC						HC					HC					HC	HW	HC			HC										
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X				
	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	☺	☺	☺	☺	☺							☺			☺	☺	☺	☺													☺	
	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

D2

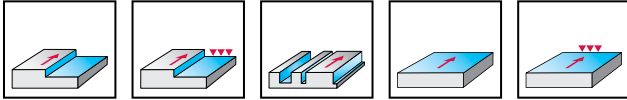
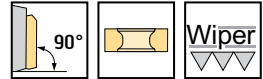
Shoulder milling cutters

F5141

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
<p>Shell mill mount DIN 138 transverse keyway</p>	F5141.B40.160.Z13.12	160	40	63		12	13	5,38	13	LNH . 1306 .. R

constructively balanced | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [mm]	40–160
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm

Accessories

	D _c [mm]	40	50	63–125	160
	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)
	(incl. gasket + screws) Sealing disc set				FS936 SET KOM- PLETT
	Torque wrench				O-R 96X4

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P						M					K					N		S			H								
					HC						HC					HC					HC	HW	HC			HC								
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	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.

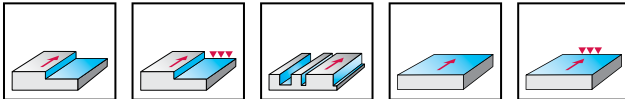
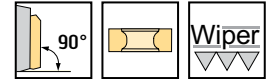
HC = Coated carbide
 HW = Uncoated carbide

Shoulder milling cutters

F5141 inch

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 inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
 ScrewFit	F5141.UT36.038.Z04.12	1,500	1,417	1,575		0,472	4	0,750	4	LNH . 1306 .. R
	F5141.UW38.038.Z04.12	1,500	1,500	1,812	4,500	0,472	4	1,989	4	LNH . 1306 .. R
 DIN 1835 B Shell mill mount DIN 138 transverse keyway	F5141.UB19.051.Z05.12	2,000	0,750	1,575		0,472	5	1,146	5	LNH . 1306 .. R
	F5141.UB26.064.Z06.12	2,500	1,000	1,575		0,472	6	1,799	6	
	★ F5141.UB26.076.Z05.12	3,000	1,000	1,969		0,472	5	2,412	5	
	F5141.UB26.076.Z07.12	3,000	1,000	1,969		0,472	7	2,89	7	
	F5141.UB31.102.Z09.12	4,000	1,250	1,969		0,472	9	5,860	9	
	★ F5141.UB38.102.Z06.12	4,000	1,500	2,480		0,472	6	5,703	6	
	F5141.UB38.102.Z09.12	4,000	1,500	2,480		0,472	9	5,653	9	
	★ F5141.UB38.127.Z07.12	5,000	1,500	2,480		0,472	7	8,331	7	
	F5141.UB38.127.Z11.12	5,000	1,500	2,480		0,472	11	10,132	11	
	★ F5141.UB38.152.Z08.12	6,000	1,500	2,480		0,472	8	11,53	8	
F5141.UB38.152.Z13.12	6,000	1,500	2,480		0,472	13	13,316	13		

Screwdriver included in the scope of delivery | 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 = 😊

Assembly parts

D _c [inch]		1,5	2	2,5	3	4	5-6
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 2,95 lbs	FS2081 (T15IP) 2,95 lbs	FS2081 (T15IP) 2,95 lbs	FS2081 (T15IP) 2,95 lbs	FS2081 (T15IP) 2,95 lbs	FS2081 (T15IP) 2,95 lbs
	Clamping screw for arbour-mounted tools		FS1518	FS1586	FS1519	FS1339	FS1583

Accessories

D _c [inch]		1,5	2-6
	Torque screwdriver, analogue	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P						M					K					N		S			H									
					HC						HC					HC					HC	HW	HC			HC									
					WHI15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHI15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	WHI15X			
LNHU130608R-L55T	H	4	0.031	0.087	☺	☺	☺	☺	☺	☺		☺	☺				☺	☺	☺	☺	☺	☺													
LNHU130612R-L55T	H	4	0.047	0.073		☺	☺	☺	☺			☺									☺	☺	☺												
LNHU130616R-L55T	H	4	0.063	0.059		☺	☺	☺	☺			☺									☺	☺	☺												
LNHU130620R-L55T	H	4	0.079	0.045		☺	☺	☺	☺			☺									☺	☺	☺												
LNHU130625R-L55T	H	4	0.098	0.028		☺	☺	☺	☺			☺	☺								☺	☺	☺												
LNHU130630R-L55T	H	4	0.118	0.091		☺	☺	☺	☺			☺									☺	☺	☺												
LNHU130632R-L55T	H	4	0.126			☺	☺	☺	☺			☺									☺	☺	☺												
LNHU130608R-L65T	H	4	0.031	0.087					☺												☺	☺	☺												☺
LNHU130608R-L85T	H	4	0.031	0.087																						☺	☺								
LNMU130608R-L55T	M	4	0.031	0.087	☺	☺	☺	☺	☺						☺	☺			☺	☺	☺	☺												☺	
LNHX130608R-L55T	H	4	0.031	0.087	☺				☺	☺							☺	☺	☺															☺	
LNHX1306PDR-L55T	H	2	0.024	0.197	☺			☺	☺	☺							☺	☺	☺															☺	

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

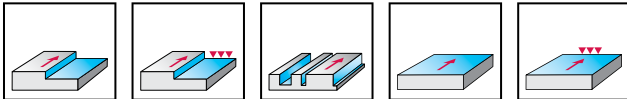
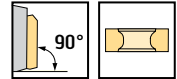
Shoulder milling cutters

F5241

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
<p>Shell mill mount DIN 138 transverse keyway</p>	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	2,5	8	
	F5241.B40.125.Z10.15	125	40	63	15	10	3,33	10	
<p>Shell mill mount DIN 138 transverse keyway</p>	F5241.B40.160.Z12.15	160	40	63	15	12	4,94	12	LNHU1607 .. R

constructively balanced | Bodies and assembly parts are included in the scope of delivery

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

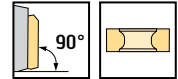
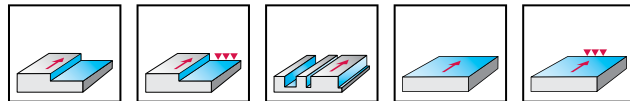
Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M		K			S	
					HC				HC		HC			HC	
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G
	LNHU160708R-L55T	H	4	0,8	2,3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LNHU160712R-L55T	H	4	1,2	1,9										
	LNHU160716R-L55T	H	4	1,6	1,6										

HC = Coated carbide

Shoulder milling cutters

F4041
LNGX1307 .. R
Xtra-tec®


– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
F4041	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	z	kg	No. of inserts	Type
<p>ScrewFit</p>	F4041.T36.040.Z03.13	40	36	40		13	3	0,33	3	LNGX1307 .. R
	F4041.W32.040.Z03.13	40	32	49	110	13	3	0,68	3	LNGX1307 .. R
<p>DIN 1835 B</p> <p>Shell mill mount DIN 138 transverse keyway</p>	F4041.B16.040.Z03.13	40	16	40		13	3	0,31	3	LNGX1307 .. R
	F4041.B22.050.Z03.13	50	22	40		13	3	0,35	3	
	F4041.B22.050.Z04.13	50	22	40		13	4	0,31	4	
	F4041.B22.063.Z04.13	63	22	40		13	4	0,76	4	
	F4041.B22.063.Z06.13	63	22	40		13	6	0,76	6	
	F4041.B27.063.Z06.13	63	27	50		13	6	0,88	6	
	F4041.B27.080.Z05.13	80	27	50		13	5	1,22	5	
	F4041.B27.080.Z07.13	80	27	50		13	7	1,24	7	
	F4041.B32.100.Z05.13	100	32	50		13	5	2,66	5	
	F4041.B32.100.Z08.13	100	32	50		13	8	2,57	8	
F4041.B40.125.Z07.13	125	40	63		13	7	4,17	7		
F4041.B40.125.Z10.13	125	40	63		13	10	4,22	10		

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [mm]	40–125
	Clamping screw for indexable insert Tightening torque	FS1458 (T15IP) 2,5 Nm

Accessories

	D _c [mm]	40	50–125
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M		K			N		S		
					HC		HC		HC			HC	HW	HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WKN15
LNGX130708R-L55	G	4	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNGX130712R-L55	G	4	1,2	1	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNGX130716R-L55	G	4	1,6	0,9	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNGX130720R-L55	G	4	2	0,7	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNGX130725R-L55	G	4	2,5	0,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNGX130730R-L55	G	4	3	0,7	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNGX130708R-L88	G	4	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

If the corner radius r = 1.2 mm or above, the corner area of the body must be reworked.
 $R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide
 HW = Uncoated carbide

Shoulder milling cutters

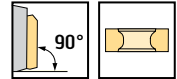
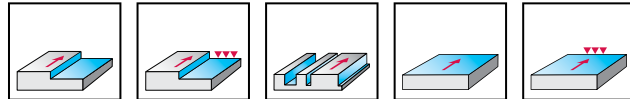
F4041 inch

LNGX1307 .. R

Xtra-tec®



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
F4041	●	●	●	●	●	●	●

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>ScrewFit</p>	F4041.UT36.038.Z03.13	1,500	1,417	1,575	0,512	3	0,701	3	LNGX1307 .. R
	F4041.UB19.051.Z04.13	2,000	0,750	1,575	0,512	4	1,175	4	LNGX1307 .. R
F4041.UB26.064.Z06.13	2,500	1,000	1,575	0,512	6	1,279	6		
F4041.UB26.076.Z07.13	3,000	1,000	1,969	0,512	7	2,476	7		
F4041.UB38.102.Z08.13	4,000	1,500	2,48	0,512	8	5,467	8		
<p>Shell mill mount DIN 138 transverse keyway</p>									

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

D _c [inch]		1,5	2	2,5	3	4
	Clamping screw for indexable insert Tightening torque	FS1458 (T15IP) 1,844 lbs	FS1458 (T15IP) 1,844 lbs	FS1458 (T15IP) 1,844 lbs	FS1458 (T15IP) 1,844 lbs	FS1458 (T15IP) 1,844 lbs
	Clamping screw for arbour-mounted tools		FS1523	FS1586	FS1519	FS1583

Accessories

D _c [inch]		1,5	2-4
	Torque screwdriver, analogue	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P			M			K			N		S	
					HC			HC			HC			HC	HW	HC	
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10
LNGX130708R-L55	G	4	0,031	0,047	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNGX130712R-L55	G	4	0,047	0,039	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNGX130716R-L55	G	4	0,063	0,035	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNGX130720R-L55	G	4	0,079	0,028	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNGX130725R-L55	G	4	0,098	0,024	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNGX130730R-L55	G	4	0,118	0,028	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNGX130708R-L88	G	4	0,031	0,047	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉

If the corner radius r = 1.2 mm or above, the corner area of the body must be reworked.

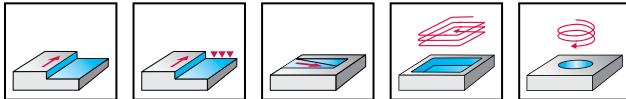
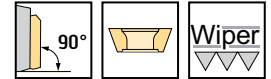
R_(body) = r_(indexable insert)

HC = Coated carbide
HW = Uncoated carbide

Shoulder milling cutters

F4042R
AD .. 10T3 .. R
Xtra-tec®


- 2 cutting edges per indexable insert
- Reinforced design



F4042R	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
<p>ScrewFit</p>	F4042R.T14.016.Z02.10	16	14,5	25		10	2	0,04	2	AD .. 10T3 .. R
	F4042R.T18.020.Z03.10	20	18,5	30		10	3	0,06	3	
	F4042R.T22.025.Z03.10	25	22	35		10	3	0,11	3	
	F4042R.T28.032.Z04.10	32	28	35		10	4	0,18	4	
	F4042R.T28.032.Z05.10	32	28	35		10	5	0,19	5	
<p>DIN 1835 B</p>	F4042R.W16.016.Z02.10	16	16	26	85	10	2	0,11	2	AD .. 10T3 .. R
	F4042R.W20.020.Z02.10	20	20	30	90	10	2	0,2	2	
	F4042R.W20.020.Z03.10	20	20	30	90	10	3	0,18	3	
	F4042R.W25.025.Z03.10	25	25	30	100	10	3	0,34	3	
	F4042R.W25.025.Z04.10	25	25	30	100	10	4	0,35	4	
<p>Cylindrical shank</p>	F4042R.W32.032.Z04.10	32	32	30	110	10	4	0,62	4	AD .. 10T3 .. R
	F4042R.W32.032.Z05.10	32	32	30	110	10	5	0,62	5	
	F4042R.Z16.016.Z02.10	16	16	26	180	10	2	0,25	2	
	F4042R.Z20.020.Z02.10	20	20	30	200	10	2	0,46	2	
	F4042R.Z20.020.Z03.10	20	20	30	200	10	3	0,46	3	
<p>Shell mill mount DIN 138 transverse keyway</p>	F4042R.Z25.025.Z03.10	25	25	32	200	10	3	0,74	3	AD .. 10T3 .. R
	F4042R.Z32.032.Z03.10	32	32	40	200	10	3	1,18	3	
	F4042R.Z32.032.Z04.10	32	32	40	200	10	4	1,18	4	
	F4042R.B16.040.Z05.10	40	16	40		10	5	0,34	5	
	F4042R.B16.040.Z06.10	40	16	40		10	6	0,24	6	
	F4042R.B22.050.Z05.10	50	22	40		10	5	0,38	5	
	F4042R.B22.050.Z06.10	50	22	40		10	6	0,36	6	
F4042R.B22.050.Z07.10	50	22	40		10	7	0,4	7		
F4042R.B22.063.Z06.10	63	22	40		10	6	0,65	6		
F4042R.B22.063.Z07.10	63	22	40		10	7	0,07	7		

constructively balanced | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	16-63
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm

Accessories

	D _c [mm]	16	20	25	32	40-63
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M				K				N		S			
					HC				HC				HC				HC	HW	HC			
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM35S	WSM45X
ADGT10T330R-D67	G	2	3	0.8																		
ADGT10T3PER-D67	G	2	0.8	1.2																		
ADGT10T3PER-G77	G	2	0.8	1.2																		
ADHT10T3PER-G88	H	2	0.8	1.2																		
ADKT10T3PER-F56	K	2	0.8	1.2																		
ADMT10T304R-F56	M	2	0.4	1.2																		
ADMT10T308R-F56	M	2	0.8	1.2																		
ADMT10T312R-F56	M	2	1.2	1.2																		
ADMT10T316R-F56	M	2	1.6	1.2																		
ADMT10T320R-F56	M	2	2	1																		
ADMT10T325R-F56	M	2	2.5	1																		
ADMT10T330R-F56	M	2	3	0.8																		
ADMT10T332R-F56	M	2	3.2	0.8																		
ADMT10T308R-G56	M	2	0.8	1.2																		

If the corner radius r = 1.6 mm or above, the corner area of the body must be reworked.
 R (body) = r (indexable insert) - 1 mm
 ADGX10T3PER-F56 wiper insert only in combination with ADGT10T3PER-D67 or ADGT10T3PER-G77

HC = Coated carbide
 HW = Uncoated carbide

Shoulder milling cutters

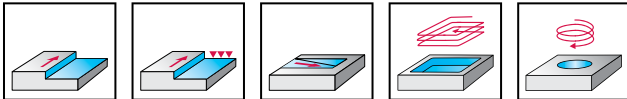
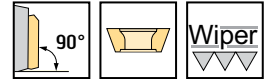
F4042R inch

AD .. 10T3 .. R

Xtra-tec®



- 2 cutting edges per indexable insert
- Reinforced design



	P	M	K	N	S	H	O
F4042R	●	●	●	●	●	●	●

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>ScrewFit</p>	F4042R.UT18.019.Z03.10	0,750	0,728	1,181		0,394	3	0,13	3	AD .. 10T3 .. R
	F4042R.UW15.015.Z02.10	0,625	0,625	1,024	2,929	0,394	2	0,022	2	AD .. 10T3 .. R
	F4042R.UW19.019.Z03.10	0,750	0,750	1,181	3,212	0,394	3	0,353	3	
	F4042R.UW26.026.Z03.10	1,000	1,000	1,181	3,462	0,394	3	0,675	3	
<p>DIN 1835 B</p>	F4042R.UZ15.015.Z02.10	0,625	0,625	1,024	7,000	0,394	2	0,571	2	AD .. 10T3 .. R
	F4042R.UZ19.019.Z03.10	0,750	0,750	1,181	8,000	0,394	3	0,922	3	
<p>Cylindrical shank</p>	F4042R.UB19.051.Z05.10	2,000	0,750	1,575		0,394	5	0,926	5	AD .. 10T3 .. R
<p>Shell mill mount DIN 138 transverse keyway</p>										

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [inch]	0,625-1	2
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 0,885 lbs	FS1454 (T8IP) 0,885 lbs
	Clamping screw for arbour-mounted tools		FS1523

Accessories

	D _c [inch]	0,625-2	0,75
	Torque screwdriver, analogue	FS2002	FS2002
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P				M				K				N		S			
					HC				HC				HC				HC	HW	HC			
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSM45X
ADGT10T330R-D67	G	2	0,118	0,031																		
ADGT10T3PER-D67	G	2	0,031	0,047		☉	☉	☉	☉												☉	☉
ADGT10T3PER-G77	G	2	0,031	0,047																	☉	☉
ADHT10T3PER-G88	H	2	0,031	0,047																☉	☉	
ADKT10T3PER-F56	K	2	0,031	0,047																		☉
ADMT10T304R-F56	M	2	0,016	0,047		☉	☉	☉	☉													☉
ADMT10T308R-F56	M	2	0,031	0,047	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉							☉
ADMT10T312R-F56	M	2	0,047	0,047		☉	☉	☉	☉													☉
ADMT10T316R-F56	M	2	0,063	0,047		☉	☉	☉	☉													☉
ADMT10T320R-F56	M	2	0,079	0,039		☉	☉	☉	☉													☉
ADMT10T325R-F56	M	2	0,098	0,039		☉	☉	☉	☉													☉
ADMT10T330R-F56	M	2	0,118	0,031		☉	☉	☉	☉													☉
ADMT10T332R-F56	M	2	0,126	0,031				☉	☉													☉
ADMT10T308R-G56	M	2	0,031	0,047	☉																	☉

If the corner radius r = 1.6 mm or above, the corner area of the body must be reworked.

R (body) = r (indexable insert) - 1 mm

ADGX10T3PER-F56 wiper insert only in combination with ADGT10T3PER-D67 or ADGT10T3PER-G77

HC = Coated carbide
HW = Uncoated carbide

Shoulder milling cutters

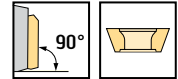
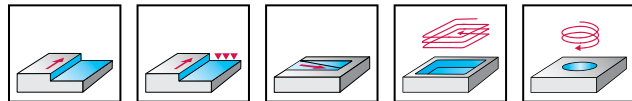
F4042

AD .. 1807 .. R

Xtra-tec®



– 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F4042	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F4042.B27.063.Z05.16	63	27	50	16,7	5	0,78	5	AD .. 1807 .. R
	F4042.B27.080.Z05.16	80	27	50	16,7	5	0,09	5	
	F4042.B27.080.Z06.16	80	27	50	16,7	6	1,14	6	
	F4042.B32.100.Z07.16	100	32	50	16,7	7	2,49	7	
	F4042.B40.125.Z08.16	125	40	63	16,7	8	4,04	8	
<p>Shell mill mount DIN 138 transverse keyway</p>	F4042.B40.160.Z10.16	160	40	63	16,7	10	4,99	10	AD .. 1807 .. R

constructively balanced | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [mm]	63–160
	Clamping screw for indexable insert Tightening torque	FS1495 (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)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

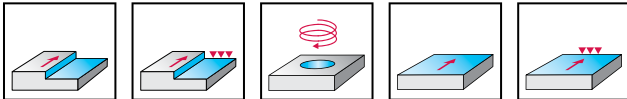
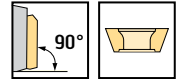
Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M	K		S			
					HC		HC	HC		HC			
					WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S
	ADGT1807PER-D51	G	2	1.2	1.8	☒	☒						
	ADGT1807PER-D56	G	2	1.2	1.8	☒	☒						
	ADMT180712R-D56	M	2	1.2	1.8	☒	☒	☒	☒	☒	☒	☒	☒
	ADMT180712R-F56	M	2	1.2	1.8	☒	☒	☒	☒	☒	☒	☒	☒

HC = Coated carbide

Shoulder milling cutters

F2010 mm
AD .. 1204 .. R


- Adjustable runout
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.11.R718M	80	27	50	11,7	6	1,28	6	AD .. 1204 .. R
	F2010.B.100.Z07.11.R718M	100	32	50	11,7	7	1,83	7	AD .. 1204 .. R
	F2010.B.125.Z08.11.R718M	125	40	63	11,7	8	3,58	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.11.R718M	160	40	63	11,7	10	5,65	10	AD .. 1204 .. R
	F2010.B.200.Z12.11.R718M	200	60	63	11,7	12	9,6	12	
	F2010.B.250.Z12.11.R718M	250	60	63	11,7	12	16	12	
	F2010.B.250.Z16.11.R718M	250	60	63	11,7	16	16,21	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.11.R718M	315	60	80	11,7	14	27,39	14	AD .. 1204 .. R
	F2010.B.315.Z18.11.R718M	315	60	80	11,7	18	26,2	18	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 😊

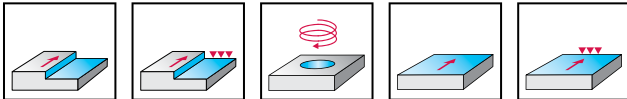
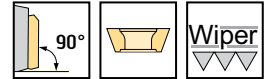
→ Good = 😊

→ Moderate = 😊

Shoulder milling cutters

F2010
AD .. 1606 .. R


- Adjustable runout
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.080.Z06.15.R719M	80	27	50	15	6	1,22	6	AD .. 1606 .. R
	F2010.B.100.Z07.15.R719M	100	32	50	15	7	1,77	7	AD .. 1606 .. R
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.125.Z08.15.R719M	125	40	63	15	8	3,65	8	AD .. 1606 .. R
	F2010.B.160.Z10.15.R719M	160	40	63	15	10	5,58	10	AD .. 1606 .. R
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.200.Z12.15.R719M	200	60	63	15	12	9,6	12	AD .. 1606 .. R
	F2010.B.250.Z12.15.R719M	250	60	63	15	12	16,1	12	AD .. 1606 .. R
	F2010.B.250.Z16.15.R719M	250	60	63	15	16	16,07	16	AD .. 1606 .. R
	F2010.B.315.Z14.15.R719M	315	60	80	15	14	27,4	14	AD .. 1606 .. R
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.315.Z18.15.R719M	315	60	80	15	18	27,5	18	AD .. 1606 .. R

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 😊

→ Good = 😐

→ Moderate = 😞

Assembly parts		D _c [mm]	80–315
	Cartridge for tool body		FR719M
	Clamping screw for cartridge Tightening torque		FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque		FS1453 (T15IP) 3,5 Nm
	Adjusting pin		FS303 (T20)

Accessories		D _c [mm]	80–315
	Screwdriver for indexable insert		FS1485 (T15IP)
	Screwdriver for adjusting pin		FS228 (T20)
	ISO 2936 key for cartridge		ISO2936-4 (SW 4)
	Torque T-handle		FS2041
	Interchangeable blade		FS2051 (SW 4) / FS2014 (T15IP)
	Torque screwdriver, analogue		FS2003
	Torque screwdriver, digital		FS2248

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M				K				N		S											
					HC	HC	HC	HC	HC	HC	HC	HW	HC	HC														
					WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXM15	WKN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G		
ADGT160612R-F56	G	2	1,2	1,6																								
ADGT160616R-F56	G	2	1,6	1,4																								
ADGT160620R-F56	G	2	2	1,4																								
ADGT160632R-F56	G	2	3,2	1,2																								
ADGT160640R-F56	G	2	4	1																								
ADGT1606PER-F56	G	2	0,8	1,6																								
ADGT160616R-D67	G	2	1,6	1																								
ADGT1606PER-D67	G	2	0,8	1,6																								
ADGT1606PER-D51	G	2	0,8	1,6																								
ADGT1606PER-D56	G	2	0,8	1,6																								
ADGT1606PER-G77	G	2	0,8	1,2																								
ADHT160616R-G88	H	2	1,6	1,4																								
ADHT1606PER-G88	H	2	0,8	1,6																								
ADKT1606PER-F56	K	2	0,8	1,6																								
ADMT160608R-D56	M	2	0,8	1,6																								
ADMT160608R-F56	M	2	0,8	1,6																								
ADMT160612R-F56	M	2	1,2	1,6																								
ADMT160616R-F56	M	2	1,6	1,4																								
ADMT160620R-F56	M	2	2	1,4																								
ADMT160625R-F56	M	2	2,5	1,2																								
ADMT160630R-F56	M	2	3	1,2																								
ADMT160632R-F56	M	2	3,2	1,2																								
ADMT160640R-F56	M	2	4	1																								
ADMT160650R-F56	M	2	5																									
ADMT160660R-F56	M	2	6																									
ADMT160608R-G56	M	2	0,8	1,6																								
ADGX1606PER-F56	G	2	0,8	8																								

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:

R (body) = r (indexable insert) - 1 mm

ADGX1606PER-F56 wiper insert only in combination with ADGT1606PER-F56, ADGT1606PER-D67 or ADGT1606PER-G77

HC = Coated carbide
HW = Uncoated carbide

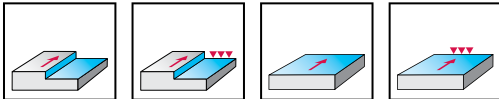
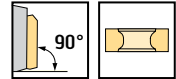
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☹

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

Shoulder milling cutters

F2010 mm
LNGX1307 .. R


- Adjustable runout
- 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.13.R722M	80	27	50	13	6	1,23	6	LNGX1307 .. R
	F2010.B.100.Z07.13.R722M	100	32	50	13	7	1,76	7	LNGX1307 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.13.R722M	125	40	63	13	8	3,5	8	LNGX1307 .. R
	F2010.B.160.Z10.13.R722M	160	40	63	13	10	5,59	10	LNGX1307 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.200.Z12.13.R722M	200	60	63	13	12	9,66	12	LNGX1307 .. R
	F2010.B.250.Z12.13.R722M	250	60	63	13	12	16,08	12	LNGX1307 .. R
	F2010.B.250.Z16.13.R722M	250	60	63	13	16	15,85	16	LNGX1307 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.13.R722M	315	60	80	13	14	28	14	LNGX1307 .. R
	F2010.B.315.Z18.13.R722M	315	60	80	13	18	26,21	18	LNGX1307 .. R

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts

	D _c [mm]	80-315
	Cartridge for tool body	FR722M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1458 (T15IP) 2,5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80-315
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M		K				N		S	
					HC		HC		HC				HC	HW	HC	
					WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15
LNGX130708R-L55	G	4	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNGX130712R-L55	G	4	1,2	1	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNGX130716R-L55	G	4	1,6	0,9	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNGX130720R-L55	G	4	2	0,7	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNGX130725R-L55	G	4	2,5	0,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNGX130730R-L55	G	4	3	0,7	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNGX130708R-L88	G	4	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

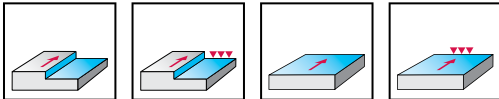
If the corner radius $r = 2.0$ mm or above, the corner area of the body must be reworked:
 $R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide
 HW = Uncoated carbide

Shoulder milling cutters

F2010 mm
LNH . 0904 .. R


- Adjustable runout
- 4 cutting edges per indexable insert, tangential arrangement



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.080.Z06.08.R751M	80	27	50	8	6	1,2	6	LNH . 0904 .. R
	F2010.B.100.Z07.08.R751M	100	32	50	8	7	1,8	7	LNH . 0904 .. R
	F2010.B.125.Z08.08.R751M	125	40	63	8	8	3,5	8	
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.160.Z10.08.R751M	160	40	63	8	10	5,65	10	LNH . 0904 .. R
	F2010.B.200.Z12.08.R751M	200	60	63	8	12	9,96	12	
	F2010.B.250.Z12.08.R751M	250	60	63	8	12	14,6	12	
	F2010.B.250.Z16.08.R751M	250	60	63	8	16	14,5	16	
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.315.Z14.08.R751M	315	60	80	8	14	26,3	14	LNH . 0904 .. R
	F2010.B.315.Z18.08.R751M	315	60	80	8	18	26,2	18	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 😊

→ Good = 😊

→ Moderate = 😊

Assembly parts

	D _c [mm]	80-315
	Cartridge for tool body	FR751M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80-315
	Screwdriver for indexable insert	FS1484 (T9IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M				K				N		S			H						
					HC				HC				HC				HC	HW	HC			HC						
					WH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WPM15G	WSM35G	WSM45X	WSP45G	WAK15	WH15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WXN15	WK10	WSM35G	WSM45X	WSP45G	WH15X	
	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 . .

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☉ → Good = ☉ → Moderate = ☉

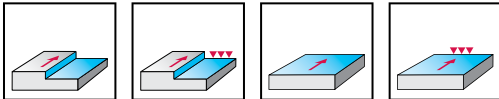
☉ ☉ ☉ / * = New addition to the product range

Shoulder milling cutters D 555

Shoulder milling cutters

F2010 mm
LNH . 1306 .. R


- Adjustable runout
- 4 cutting edges per indexable insert, tangential arrangement



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.12.R752M	80	27	50	12	6	1,22	6	LNH . 1306 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07.12.R752M	100	32	50	12	7	1,8	7	LNH . 1306 .. R
	F2010.B.125.Z08.12.R752M	125	40	63	12	8	3,5	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.12.R752M	160	40	63	12	10	5,5	10	LNH . 1306 .. R
	F2010.B.200.Z12.12.R752M	200	60	63	12	12	9,86	12	
	F2010.B.250.Z12.12.R752M	250	60	63	12	12	16,4	12	
	F2010.B.250.Z16.12.R752M	250	60	63	12	16	14,5	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.12.R752M	315	60	80	12	14	26,3	14	LNH . 1306 .. R
	F2010.B.315.Z18.12.R752M	315	60	80	12	18	26,2	18	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 😊

→ Good = 😊

→ Moderate = 😊

Assembly parts

D _c [mm]		80–315
	Cartridge for tool body	FR752M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm
	Adjusting pin	FS303 (T20)

Accessories

D _c [mm]		80–315
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r [mm]	b [mm]	P										M						K						N		S				H		
					HC										HC						HC						HC	HW	HC				HC		
					WH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WH15X	WKP25G	WKP35G	WKP35S	WPM15G	WXM15	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	WH15X	HC			
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 . .

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

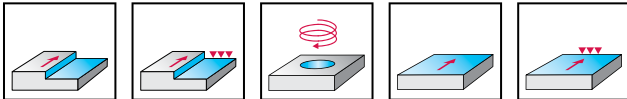
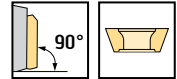
Shoulder milling cutters D 557

D2

Shoulder milling cutters

F2010
BC .. 1204 .. R


- Adjustable runout
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.11.R764M	80	27	50	11,7	6	1,28	6	BC .. 1204 .. R
	F2010.B.100.Z07.11.R764M	100	32	50	11,7	7	1,83	7	BC .. 1204 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.11.R764M	125	40	63	11,7	8	3,51	8	
	F2010.B.160.Z10.11.R764M	160	40	63	11,7	10	5,65	10	BC .. 1204 .. R
	F2010.B.200.Z12.11.R764M	200	60	63	11,7	12	9,6	12	
	F2010.B.250.Z12.11.R764M	250	60	63	11,7	12	16	12	
F2010.B.250.Z16.11.R764M	250	60	63	11,7	16	16,21	16		
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.11.R764M	315	60	80	11,7	14	27,39	14	BC .. 1204 .. R
	F2010.B.315.Z18.11.R764M	315	60	80	11,7	18	26,2	18	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 😊

→ Good = 😐

→ Moderate = 😞

Assembly parts

	D _c [mm]	80–315
	Cartridge for tool body	FR764M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80–315
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2013 (T9IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1484 (T9IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	P			M			K			N			S					
			HC	HC	HC	HC	HC	HC	DP	HC	HW	HC	HC	HC						
			WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G
BCGT120408R-B85	G	1	☺	☺	☺	☺	☺								☺					
BCGT120408R-G55	G	2	☺	☺	☺	☺	☺													☺
BCHT120404R-K85	H	2																		
BCHT120408R-K85	H	2																		
BCHT120412R-K85	H	2																		
BCHT120416R-K85	H	2																		
BCHT120420R-K85	H	2																		
BCHT120425R-K85	H	2																		
BCHT120430R-K85	H	2																		
BCHT120440R-K85	H	2																		
BCMT120404R-G55	M	2		☺	☺	☺														☺
BCMT120408R-G55	M	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺
BCMT120412R-G55	M	2		☺	☺	☺														☺
BCMT120416R-G55	M	2		☺	☺	☺														☺
BCMT120420R-G55	M	2		☺	☺	☺														☺
BCMT120425R-G55	M	2		☺	☺	☺														☺
BCMT120430R-G55	M	2		☺	☺	☺														☺
BCMT120432R-G55	M	2		☺	☺	☺														☺
BCMT120440R-G55	M	2		☺	☺	☺														☺
BCMT120408R-F55	M	2	☺	☺	☺	☺			☺	☺	☺	☺	☺	☺						☺
BCMT120408R-K55	M	2	☺	☺	☺	☺	☺											☺		☺

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

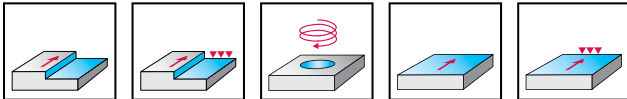
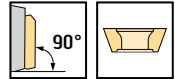
Shoulder milling cutters D 559

D2

Shoulder milling cutters

F2010 inch
BC .. 1204 .. R


- Adjustable runout
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.UB.076.Z06.11R764M	3,000	1,000	2,000	0,461	6	1,918	6	BC .. 1204 .. R
	F2010.UB.102.Z07.11R764M	4,000	1,250	2,000	0,461	7	4,85	7	BC .. 1204 .. R
	F2010.UB.127.Z08.11R764M	5,000	1,500	2,500	0,461	8	7,496	8	
	F2010.UB.152.Z10.11R764M	6,000	1,500	2,500	0,461	10	13,095	10	
 Shell mill mount DIN 138 transverse keyway	F2010.UB.203.Z12.11R764M	8,000	2,500	2,500	0,461	12	21,297	12	BC .. 1204 .. R
	F2010.UB.254.Z12.11R764M	10,000	2,500	2,500	0,461	12	36,376	12	
	F2010.UB.254.Z16.11R764M	10,000	2,500	2,500	0,461	16	36,376	16	
	 Shell mill mount DIN 138 transverse keyway	F2010.UB.305.Z18.11R764M	12,000	2,500	2,500	0,461	18	45,636	18

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts

D _c (inch)		3	4	5-6	8-12
	Cartridge for tool body	FR764M	FR764M	FR764M	FR764M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs
	Adjusting pin	FS303 (T20)	FS303 (T20)	FS303 (T20)	FS303 (T20)
	Clamping screw for arbour-mounted tools	FS1519	FS1565	FS1566	

Accessories

D _c (inch)		3-12
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2013 (T9IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1484 (T9IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	P				M			K				N			S			
			WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G
BCGT120408R-B85	G	1																		
BCGT120408R-G55	G	2	☉	☉	☉	☉	☉													☉
BCHT120404R-K85	H	2																		
BCHT120408R-K85	H	2																		
BCHT120412R-K85	H	2																		
BCHT120416R-K85	H	2																		
BCHT120420R-K85	H	2																		
BCHT120425R-K85	H	2																		
BCHT120430R-K85	H	2																		
BCHT120440R-K85	H	2																		
BCMT120404R-G55	M	2		☉	☉	☉														☉
BCMT120408R-G55	M	2	☉	☉	☉	☉	☉			☉	☉	☉	☉							☉
BCMT120412R-G55	M	2		☉	☉	☉														☉
BCMT120416R-G55	M	2		☉	☉	☉														☉
BCMT120420R-G55	M	2		☉	☉	☉														☉
BCMT120425R-G55	M	2		☉	☉	☉														☉
BCMT120430R-G55	M	2		☉	☉	☉														☉
BCMT120432R-G55	M	2		☉	☉	☉														☉
BCMT120440R-G55	M	2		☉	☉	☉														☉
BCMT120408R-F55	M	2	☉	☉	☉	☉			☉	☉	☉	☉								☉
BCMT120408R-K55	M	2	☉	☉	☉	☉	☉													☉

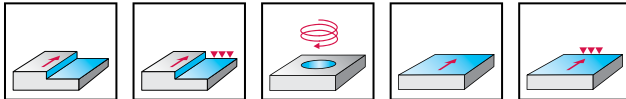
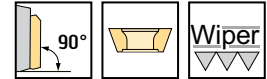
HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

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

Shoulder milling cutters

F2010
BC .. 1605 .. R


- Adjustable runout
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.080.Z06.15.R765M	80	27	50	15	6	1,22	6	BC .. 1605 .. R
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.100.Z07.15.R765M	100	32	50	15	7	1,77	7	BC .. 1605 .. R
	F2010.B.125.Z08.15.R765M	125	40	63	15	8	3,65	8	
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.160.Z10.15.R765M	160	40	63	15	10	5,58	10	BC .. 1605 .. R
	F2010.B.200.Z12.15.R765M	200	60	63	15	12	9,6	12	
	F2010.B.250.Z12.15.R765M	250	60	63	15	12	16,1	12	
	F2010.B.250.Z16.15.R765M	250	60	63	15	16	16,07	16	
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.315.Z14.15.R765M	315	60	80	15	14	27,4	14	BC .. 1605 .. R
	F2010.B.315.Z18.15.R765M	315	60	80	15	18	27,5	18	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts		D _c [mm]	80–315
	Cartridge for tool body		FR765M
	Clamping screw for cartridge Tightening torque		FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque		FS2300 (T15IP) 3,5 Nm
	Adjusting pin		FS303 (T20)

Accessories		D _c [mm]	80–315
	Torque screwdriver, analogue		FS2003
	Torque screwdriver, digital		FS2248
	Interchangeable blade for insert screw		FS2014 (T15IP)
	Torque T-handle		FS2041
	Interchangeable blade for cartridge		FS2051 (SW 4)
	Screwdriver for indexable insert		FS1485 (T15IP)
	Screwdriver for adjusting pin		FS228 (T20)
	ISO 2936 key for cartridge		ISO2936-4 (SW 4)

Indexable inserts																													
Designation	Tolerance class	Number of cutting edges	b mm	P				M				K				N		S		H									
				WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WK25G	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WXN15	HW	WSM35G	WSM45X	WSP45G	WHH15X
	BCGT160508R-G51	G	2	2		☺	☺	☺	☺																				
	BCGT160508R-G55	G	2	2		☺	☺	☺	☺					☺															
	BCHT160508R-K85	H	2	2																									
	BCHT160512R-K85	H	2	1,7																									
	BCHT160516R-K85	H	2	1,7																									
	BCHT160520R-K85	H	2	1,5																									
	BCHT160525R-K85	H	2	1,4																									
	BCHT160530R-K85	H	2	1,2																									
	BCHT160540R-K85	H	2	1,1																									
	BCMT160508R-F55	M	2	2		☺	☺	☺	☺					☺															
	BCMT160508R-G55	M	2	2		☺	☺	☺	☺					☺															
	BCMT160512R-G55	M	2	1,7																									
	BCMT160516R-G55	M	2	1,5																									
	BCMT160520R-G55	M	2	1,5																									
	BCMT160525R-G55	M	2	1,4																									
	BCMT160530R-G55	M	2	1,2																									
	BCMT160532R-G55	M	2	1,1																									
	BCMT160540R-G55	M	2	1,1																									
	BCMT160550R-G55	M	2	0,7																									
	BCMT160560R-G55	M	2	0,1																									
	BCMT160508R-G55W	M	2	2																									
	BCMT160516R-G55W	M	2	1,5																									
	BCMT160530R-G55W	M	2	1,2																									
	BCMT160508R-K55	M	2	2		☺	☺	☺	☺					☺															
	BCGX1605PDR-G55	G	2	8	☺					☺	☺			☺	☺														☺

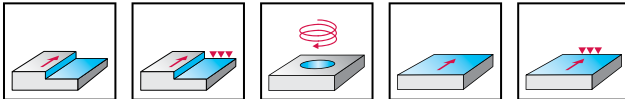
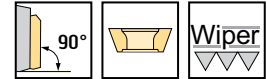
HC = Coated carbide
HW = Uncoated carbide

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

Shoulder milling cutters

F2010 inch
BC .. 1605 .. R


- Adjustable runout
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.UB.076.Z06.15R765M	3,000	1,000	2,000	0,591	6	2,513	6	BC .. 1605 .. R
	F2010.UB.102.Z07.15R765M	4,000	1,250	2,000	0,591	7	4,057	7	BC .. 1605 .. R
	F2010.UB.127.Z08.15R765M	5,000	1,500	2,500	0,591	8	7,716	8	
	F2010.UB.152.Z10.15R765M	6,000	1,500	2,500	0,591	10	13,051	10	
 Shell mill mount DIN 138 transverse keyway	F2010.UB.203.Z12.15R765M	8,000	2,500	2,500	0,591	12	23,766	12	BC .. 1605 .. R
	F2010.UB.254.Z12.15R765M	10,000	2,500	2,500	0,591	12	40,3	12	
	F2010.UB.254.Z16.15R765M	10,000	2,500	2,500	0,591	16	40,08	16	
 Shell mill mount DIN 138 transverse keyway	F2010.UB.305.Z18.15R765M	12,000	2,500	2,500	0,591	18	68,343	18	BC .. 1605 .. R

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts					
D _c (inch)		3	4	5-6	8-12
	Cartridge for tool body	FR765M	FR765M	FR765M	FR765M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 2,581 lbs	FS2300 (T15IP) 2,581 lbs	FS2300 (T15IP) 2,581 lbs	FS2300 (T15IP) 2,581 lbs
	Adjusting pin	FS303 (T20)	FS303 (T20)	FS303 (T20)	FS303 (T20)
	Clamping screw for arbour-mounted tools	FS1519	FS1565	FS1566	

Accessories		D _c (inch)	3-12
	Torque screwdriver, analogue		FS2004
	Torque screwdriver, digital		FS2248
	Interchangeable blade for insert screw		FS2014 (T15IP)
	Torque T-handle		FS2041
	Interchangeable blade for cartridge		FS2051 (SW 4)
	Screwdriver for indexable insert		FS1485 (T15IP)
	Screwdriver for adjusting pin		FS228 (T20)
	ISO 2936 key for cartridge		ISO2936-4 (SW 4)

Indexable inserts																																		
Designation	Tolerance class	Number of cutting edges	b inch	P				M				K				N		S		H														
				HC				HC				HC				HC	HW	HC	HC	HC	HC													
				WHL15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHL15X	WKK25G	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WKN15	WK10	WSM35G	WSM45X	WSP45G	WHL15X					
	BCGT160508R-G51	G	2	0,079		☺	☺	☺																										
	BCGT160508R-G55	G	2	0,079	☺	☺	☺				☺				☺																			
	BCHT160508R-K85	H	2	0,079																														
	BCHT160512R-K85	H	2	0,067																														
	BCHT160516R-K85	H	2	0,067																														
	BCHT160520R-K85	H	2	0,059																														
	BCHT160525R-K85	H	2	0,055																														
	BCHT160530R-K85	H	2	0,047																														
	BCHT160540R-K85	H	2	0,043																														
	BCMT160508R-F55	M	2	0,079	☺	☺	☺								☺																			
	BCMT160508R-G55	M	2	0,079	☺	☺	☺				☺				☺																			
	BCMT160512R-G55	M	2	0,067		☺	☺																											
	BCMT160516R-G55	M	2	0,059		☺	☺																											
	BCMT160520R-G55	M	2	0,059		☺	☺																											
	BCMT160525R-G55	M	2	0,055		☺	☺																											
	BCMT160530R-G55	M	2	0,047		☺	☺																											
	BCMT160532R-G55	M	2	0,043		☺	☺																											
	BCMT160540R-G55	M	2	0,043		☺	☺																											
	BCMT160550R-G55	M	2	0,028		☺	☺																											
	BCMT160560R-G55	M	2	0,004		☺	☺																											
	BCMT160508R-G55W	M	2	0,079																														
	BCMT160516R-G55W	M	2	0,059																														
	BCMT160530R-G55W	M	2	0,047																														
	BCMT160508R-K55	M	2	0,079		☺	☺				☺																							
	BCGX1605PDR-G55	G	2	0,315	☺			☺	☺						☺	☺	☺																☺	

HC = Coated carbide
HW = Uncoated carbide

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

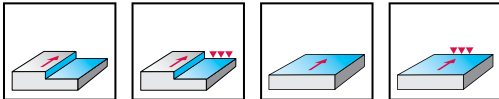
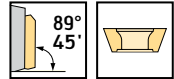
☺ ☺ ☺ / * = New addition to the product range

D2

Shoulder milling cutters

F2010 mm
SD .. 09T3 ..; SDGT09T3PDR


- Adjustable runout
- 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.080.Z06.08.R756M	80	27	50	8,4	6	1,3	6	SD .. 09T3 .. SDGT09T3PDR
	F2010.B.100.Z07.08.R756M	100	32	50	8,4	7	1,9	7	SD .. 09T3 .. SDGT09T3PDR
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.125.Z08.08.R756M	125	40	63	8,4	8	3,6	8	
	<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.160.Z10.08.R756M	160	40	63	8,4	10	5,6	10
F2010.B.200.Z12.08.R756M		200	60	63	8,4	12	8,3	12	
F2010.B.250.Z12.08.R756M		250	60	63	8,4	12	14,8	12	
F2010.B.250.Z16.08.R756M		250	60	63	8,4	16	14,6	16	
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.315.Z14.08.R756M	315	60	80	8,4	14	26,3	14	SD .. 09T3 .. SDGT09T3PDR
	F2010.B.315.Z18.08.R756M	315	60	80	8,4	18	26,2	18	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 😊

→ Good = 😊

→ Moderate = 😊

Assembly parts

	D _c [mm]	80–315
	Cartridge for tool body	FR756M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 2 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80–315
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2268 (T10IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS2267 (T10IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M		K			N			S					
					HC		HC		HC			DP	HC	HW	HC					
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10
SDGT09T3PDR-D57	G	4	0.8	1.2	☉	☉	☉	☉										☉	☉	☉
SDGW09T304-A88	G	1	0.4											☉						
SDHT09T304-G88	H	4	0.4											☉	☉					
SDHT09T308-G88	H	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			☉	☉	☉	☉	☉										☉
SDMT09T308-D51	M	4	0.8			☉	☉	☉	☉											☉
SDMT09T308-D57	M	4	0.8			☉	☉	☉	☉											☉
SDMW09T308-A57	M	4	0.8			☉	☉	☉	☉											☉
SDMW09T320-A57	M	4	2			☉	☉	☉	☉											☉

SD..09T3.. : If the corner radius r is greater than 0.8 mm, the corner area of the cassette 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

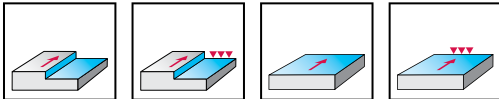
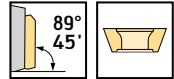
D 567

D2

Shoulder milling cutters

F2010 mm
SD .. 1204 ..; SDGT1204PDR


- Adjustable runout
- 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.080.Z06.08.R757M	80	27	50	11,6	6	1,3	6	SD .. 1204 .. SDGT1204PDR
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.100.Z07.08.R757M	100	32	50	11,6	7	1,9	7	SD .. 1204 .. SDGT1204PDR
	F2010.B.125.Z08.08.R757M	125	40	63	11,6	8	3,6	8	
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.160.Z10.08.R757M	160	40	63	11,6	10	5,6	10	SD .. 1204 .. SDGT1204PDR
	F2010.B.200.Z12.08.R757M	200	60	63	11,6	12	8,3	12	
	F2010.B.250.Z12.08.R757M	250	60	63	11,6	12	14,8	12	
	F2010.B.250.Z16.08.R757M	250	60	63	11,6	16	14,6	16	
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.315.Z14.08.R757M	315	60	80	11,6	14	26,3	14	SD .. 1204 .. SDGT1204PDR
	F2010.B.315.Z18.08.R757M	315	60	80	11,6	18	26,2	18	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts

	D _c [mm]	80–315
	Cartridge for tool body	FR757M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80–315
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M		K				N			S		
					HC				HC		HC				DP	HC	HW	HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10
SDGT1204PDR-D57	G	4	0.8	1.6	☉	☉	☉	☉	☉									☉	☉	☉
SDGW120408-A88	G	1	0.8												☉					
SDHT120408-G88	H	4	0.8												☉	☉				
SDMT120408-D51	M	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							☉	☉									☉

SD..1204.. : If the corner radius r is greater than 0.8 mm, the corner area of the cassette 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

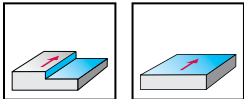
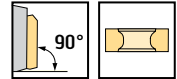
Shoulder milling cutters D 569

D2

Shoulder milling cutters

F2010
TNMU1605...


- Adjustable runout
- 6 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●		

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.080.Z06.08.R769M	80	27	50	8	6	1,3	6	TNMU1605...
	F2010.B.100.Z07.08.R769M	100	32	50	8	7	1,9	7	TNMU1605...
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.125.Z08.08.R769M	125	40	63	8	8	3,6	8	TNMU1605...
	F2010.B.160.Z10.08.R769M	160	40	63	8	10	5,6	10	TNMU1605...
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.200.Z12.08.R769M	200	60	63	8	12	8,3	12	TNMU1605...
	F2010.B.250.Z12.08.R769M	250	60	63	8	12	14,8	12	TNMU1605...
	F2010.B.250.Z16.08.R769M	250	60	63	8	16	14,6	16	TNMU1605...
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.315.Z14.08.R769M	315	60	80	8	14	26,3	14	TNMU1605...
	F2010.B.315.Z18.08.R769M	315	60	80	8	18	26,2	18	TNMU1605...

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 😊

→ Good = 😐

→ Moderate = 😞

Assembly parts

	D _c [mm]	80–315
	Cartridge for tool body	FR769M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80–315
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2013 (T9IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1484 (T9IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M	K		S				
					HC		HC	HC		HC				
					WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G	
	TNMU160508R-G27	M	6	0,8	1,6									
	TNMU160512R-G27	M	6	1,2	1,3									
	TNMU160516R-G27	M	6	1,6	0,9									
	TNMU160508R-G57	M	6	0,8	1,6									

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

→ Good =

→ Moderate =

/ * = New addition to the product range

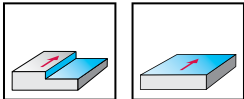
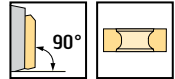
Shoulder milling cutters

D 571

Shoulder milling cutters

F2010 inch
TNMU1605...


- Adjustable runout
- 6 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.UB.076.Z06.08R769M	3,000	1,000	2,000	0,315	6	3,307	6	TNMU1605...
	F2010.UB.102.Z07.08R769M	4,000	1,250	2,000	0,315	7	5,732	7	TNMU1605...
	F2010.UB.127.Z08.08R769M	5,000	1,500	2,500	0,315	8	7,496	8	TNMU1605...
	F2010.UB.152.Z10.08R769M	6,000	1,500	2,500	0,315	10	14,551	10	TNMU1605...
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.UB.203.Z12.08R769M	8,000	2,500	2,500	0,315	12	21,385	12	TNMU1605...
	F2010.UB.254.Z12.08R769M	10,000	2,500	2,500	0,315	12	36,376	12	TNMU1605...
	F2010.UB.254.Z16.08R769M	10,000	2,500	2,500	0,315	16	36,376	16	TNMU1605...
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.UB.305.Z18.08R769M	12,000	2,500	2,500	0,315	18	45,636	18	TNMU1605...

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

D2

Assembly parts

D _c [inch]		3	4	5-6	8-12
	Cartridge for tool body	FR769M	FR769M	FR769M	FR769M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 1,475 lbs	FS2079 (T9IP) 1,475 lbs	FS2079 (T9IP) 1,475 lbs	FS2079 (T9IP) 1,475 lbs
	Adjusting pin	FS303 (T20)	FS303 (T20)	FS303 (T20)	FS303 (T20)
	Clamping screw for arbour-mounted tools	FS1519	FS1565	FS1566	

Accessories

D _c [inch]		3-12
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2013 (T9IP)
	Torque T-handle	FS2042
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1484 (T9IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P		M		K		S			
					HC		HC		HC		HC			
						WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G
TNMU160508R-G27	M	6	0,031	0,063	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
TNMU160512R-G27	M	6	0,047	0,051	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
TNMU160516R-G27	M	6	0,063	0,035	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
TNMU160508R-G57	M	6	0,031	0,063	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

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

Shoulder milling cutters

D 573

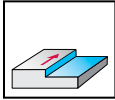
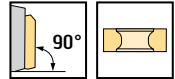
Helical milling cutters

F5038

LNH . 0904 .. R
Walter BLAXX



- Full effective design
- 4 cutting edges per indexable insert, tangential arrangement



	P	M	K	N	S	H	O
F5038	●	●	●	●	●		●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	z	kg	No. of inserts	Type
<p>ScrewFit</p>	F5038.T28.032.Z02.32	32	28	50		32	2	0,24	2 / 6	LNH . 0904 .. R
	F5038.W25.025.Z02.32	25	25	43	100	32	2	0,31	2 / 6	LNH . 0904 .. R
	F5038.W32.032.Z02.40	32	32	50	111	40	2	0,57	2 / 8	
	F5038.W40.040.Z03.40	40	40	54	125	40	3	1	3 / 12	
DIN 1835 B										

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 = 😊

Assembly parts

	D _c [mm]	25-40
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm

Accessories

	D _c [mm]	25	32	40
	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)
	Coolant nozzle		FS2250 (SW 1,6)	FS2250 (SW 1,6)

The FS2250 coolant nozzle must be secured to prevent it from coming loose.

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P			M			K			N		S		
					HC			HC			HC			HC	HW	HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10
	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	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

Indexable inserts with r <gt/> 0.4 mm can only be used as front inserts.

HC = Coated carbide
HW = Uncoated carbide

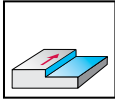
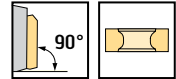
Helical milling cutters

F5138

LNH . 1306 .. R
Walter BLAXX



- Full effective design
- 4 cutting edges per indexable insert, tangential arrangement



	P	M	K	N	S	H	O
F5138	●	●	●	●	●		●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>ScrewFit</p>	F5138.T36.040.Z02.34	40	36	55	34	2	0,43	2 / 4	LNH . 1306 .. R
	F5138.B22.050.Z03.34	50	22	55	34	3	0,55	3 / 6	LNH . 1306 .. R
F5138.B22.050.Z03.45	50	22	65	45	3	0,57	3 / 9		
F5138.B27.063.Z04.45	63	27	70	45	4	1,06	4 / 12		
F5138.B27.063.Z04.56	63	27	80	56	4	2,24	4 / 16		
F5138.B32.080.Z05.56	80	32	85	56	5	2,23	5 / 20		
<p>Shell mill mount DIN 138 transverse keyway</p>									

For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see „Assembly parts and accessories/Miscellaneous“ | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

D _c [mm]		40	50	63	80
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm	FS2081 (T15IP) 4 Nm	FS2081 (T15IP) 4 Nm	FS2081 (T15IP) 4 Nm
	Clamping screw for arbour-mounted tools		M10X040 ISO4762 12.9 (SW 8)	M12X050 ISO4762 12.9 (SW 10)	M16X065 ISO4762 12.9 (SW 14)

Accessories

D _c [mm]		40	50-80
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Coolant nozzle	FS2250 (SW 1,6)	FS2250 (SW 1,6)

The FS2250 coolant nozzle must be secured to prevent it from coming loose.

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P			M			K				N		S	
					HC			HC			HC				HC	HW	HC	
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10
	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	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

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 D 577

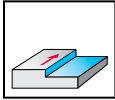
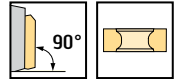
Helical milling cutters

F5138 inch

LNH . 1306 .. R
Walter BLAXX



- Full effective design
- 4 cutting edges per indexable insert, tangential arrangement



	P	M	K	N	S	H	O
F5138	●	●	●	●	●	●	●

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>DIN 1835 B</p>	F5138.UW38.038.Z02.45	1,500	1,500	1,969	5,315	1,772	2	2,132	2 / 6	LNH . 1306 .. R
	F5138.UB19.051.Z03.34	2,000	0,750	2,165		1,339	3	1,204	3 / 6	LNH . 1306 .. R
<p>Shell mill mount DIN 138 transverse keyway</p>	F5138.UB26.064.Z04.45	2,500	1,000	2,756		1,772	4	0,24	4 / 12	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

D _c [inch]		1,5	2	2,5
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 2,95 lbs	FS2081 (T15IP) 2,95 lbs	FS2081 (T15IP) 2,95 lbs
	Clamping screw for arbour-mounted tools		FS1338	FS1614

Accessories

D _c [inch]		1,5–2,5
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)
	Coolant nozzle	FS2250 (SW 1,6)

The FS2250 coolant nozzle must be secured to prevent it from coming loose.

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P			M			K			N		S		
					HC			HC			HC			HC	HW	HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10
LNHU130608R-L55T	H	4	0,031	0,087	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU130612R-L55T	H	4	0,047	0,073	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU130616R-L55T	H	4	0,063	0,059	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU130620R-L55T	H	4	0,079	0,045	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU130625R-L55T	H	4	0,098	0,028	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU130630R-L55T	H	4	0,118	0,091	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU130632R-L55T	H	4	0,126		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU130608R-L65T	H	4	0,031	0,087	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU130608R-L85T	H	4	0,031	0,087	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNMU130608R-L55T	M	4	0,031	0,087	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide
HW = Uncoated carbide

Helical milling cutters

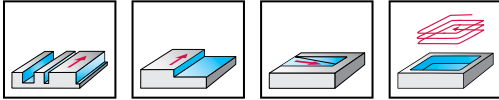
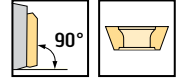
M5250

BC .. 1605 .. R

Xtra-tec® XT



- Full effective design
- 2 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5250	●	●	●	●	●		●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	M5250-050-B22-03-43-16	50	22	60	43	3	0,4	3 / 9	BC .. 1605 .. R SC .. 1105 ..
	M5250-050-B22-03-62-16	50	22	80	62	3	0,53	3 / 15	
	M5250-063-B27-04-43-16	63	27	65	43	4	0,81	4 / 12	
	M5250-063-B27-04-62-16	63	27	85	62	4	1,05	4 / 20	
	M5250-080-B32-05-62-16	80	32	85	62	5	1,87	5 / 25	
	M5250-080-B32-05-80-16	80	32	105	80	5	2,32	5 / 35	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

D _c [mm]	50	63	80	
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 3.5 Nm	FS2300 (T15IP) 3.5 Nm	FS2300 (T15IP) 3.5 Nm
	Clamping screw for arbour-mounted tools	M10X045 ISO4762 12.9 (SW 8)	M12X050 ISO4762 12.9 (SW 10)	M16X070 ISO4762 12.9 (SW 14)

Accessories

D _c [mm]	50-80	
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	b mm	P		M		K		N		S			
				HC	HC	HC	HC	HC	HW	HC	HC				
				WKP35G	WKP35S	WSP45G	WSM45X	WSP45G	WKP35G	WKP35S	WXN15	WKN10	WN15	WSM45X	WSP45G
	BCGT160508R-G51	G	2	☺	☺	☺		☺	☺	☺					☺
	BCGT160508R-G55	G	2	☺	☺	☺		☺	☺	☺					☺
	BCHT160508R-K85	H	2								☺	☺			
	BCHT160512R-K85	H	2								☺	☺			
	BCHT160516R-K85	H	2								☺	☺			
	BCHT160520R-K85	H	2								☺	☺			
	BCHT160525R-K85	H	2								☺	☺			
	BCHT160530R-K85	H	2								☺	☺			
	BCHT160540R-K85	H	2								☺	☺			
	BCMT160508R-F55	M	2		☺	☺	☺		☺	☺					☺
	BCMT160508R-G55	M	2		☺	☺	☺		☺	☺					☺
	BCMT160512R-G55	M	2		☺	☺	☺		☺	☺					☺
	BCMT160516R-G55	M	2		☺	☺	☺		☺	☺					☺
	BCMT160520R-G55	M	2		☺	☺	☺		☺	☺					☺
	BCMT160525R-G55	M	2		☺	☺	☺		☺	☺					☺
	BCMT160530R-G55	M	2		☺	☺	☺		☺	☺					☺
	BCMT160532R-G55	M	2		☺	☺	☺		☺	☺					☺
	BCMT160540R-G55	M	2		☺	☺	☺		☺	☺					☺
BCMT160550R-G55	M	2		☺	☺	☺		☺	☺					☺	
BCMT160560R-G55	M	2		☺	☺	☺		☺	☺					☺	
BCMT160508R-G55W	M	2				☺	☺	☺						☺	☺
BCMT160516R-G55W	M	2				☺	☺	☺						☺	☺
BCMT160530R-G55W	M	2				☺	☺	☺						☺	☺
	SCGT110502-G51	G	4	☺	☺	☺		☺	☺						☺
	SCHT110502-K85	H	4								☺		☺		
	SCMT110502-F55	M	4	☺	☺	☺		☺	☺						☺
	SCMT110502-G55	M	4	☺	☺	☺		☺	☺						☺
	SCMT110502-G55W	M	4			☺	☺	☺							☺

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

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

Shoulder milling cutters

D 581

D2

Helical milling cutters

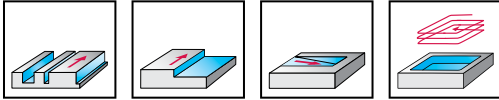
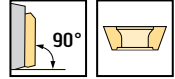
M5250 inch

BC .. 1605 .. R

Xtra-tec® XT



- Full effective design
- 2 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5250	●	●	●	●	●		●

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	M5250.051-B26-03-52-16	2,000	1,000	3,150	2,047	3	1,285	3 / 12	BC .. 1605 .. R SC .. 1105 ..
	M5250.064-B26-04-62-16	2,500	1,000	3,346	2,441	4	2,458	4 / 20	
	M5250.076-B31-05-80-16	3,000	0,500	4,134	3,150	5	4,599	5 / 35	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [inch]	2-2,5	3
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 2,581 lbs	FS2300 (T15IP) 2,581 lbs
	Clamping screw for arbour-mounted tools	FS1614	FS2599

Accessories

	D _c [inch]	2-3
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Designation	Tolerance class	Number of cutting edges	b inch	P			M		K		N			S	
				WKP35G	WKP35S	WSP45G	WSM45X	WSP45G	WKP35G	WKP35S	WCN15	WKN10	WKN15	WSM45X	WSP45G
	BCGT160508R-G51	G	2	0.079	☺	☺	☺	☺	☺	☺					☺
	BCGT160508R-G55	G	2	0.079	☺	☺	☺	☺	☺	☺					☺
	BCHT160508R-K85	H	2	0.079							☺	☺			
	BCHT160512R-K85	H	2	0.067							☺	☺			
	BCHT160516R-K85	H	2	0.067							☺	☺			
	BCHT160520R-K85	H	2	0.059							☺	☺			
	BCHT160525R-K85	H	2	0.055							☺	☺			
	BCHT160530R-K85	H	2	0.047							☺	☺			
	BCHT160540R-K85	H	2	0.043							☺	☺			
	BCMT160508R-F55	M	2	0.079	☺	☺	☺	☺	☺	☺					☺
BCMT160508R-G55	M	2	0.079	☺	☺	☺	☺	☺	☺					☺	
BCMT160512R-G55	M	2	0.067	☺	☺	☺	☺	☺	☺					☺	
BCMT160516R-G55	M	2	0.059	☺	☺	☺	☺	☺	☺					☺	
BCMT160520R-G55	M	2	0.059	☺	☺	☺	☺	☺	☺					☺	
BCMT160525R-G55	M	2	0.055	☺	☺	☺	☺	☺	☺					☺	
BCMT160530R-G55	M	2	0.047	☺	☺	☺	☺	☺	☺					☺	
BCMT160532R-G55	M	2	0.043	☺	☺	☺	☺	☺	☺					☺	
BCMT160540R-G55	M	2	0.043	☺	☺	☺	☺	☺	☺					☺	
BCMT160550R-G55	M	2	0.028	☺	☺	☺	☺	☺	☺					☺	
BCMT160560R-G55	M	2	0.004	☺	☺	☺	☺	☺	☺					☺	
BCMT160508R-G55W	M	2	0.079			☺	☺	☺	☺					☺	
BCMT160516R-G55W	M	2	0.059			☺	☺	☺	☺					☺	
BCMT160530R-G55W	M	2	0.047			☺	☺	☺	☺					☺	
	SCGT110502-G51	G	4		☺	☺	☺	☺	☺					☺	
	SCHT110502-K85	H	4							☺	☺				
	SCMT110502-F55	M	4		☺	☺	☺	☺	☺					☺	
	SCMT110502-G55	M	4		☺	☺	☺	☺	☺					☺	
	SCMT110502-G55W	M	4				☺	☺	☺					☺	

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

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

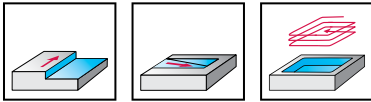
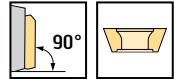
Shoulder milling cutters

D2

Helical milling cutters

F4038
AD .. 0803 .. R
Xtra-tec®


- Full effective design
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F4038	●	●	●	●	●		●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
	F4038.T22.025.Z02.22	25	22	40		22	2	0,12	2 / 4	AD .. 0803 .. R
	F4038.T28.032.Z03.30	32	28	50		30	3	0,22	3 / 9	
	F4038.W20.020.Z01.30	20	20	45	96	30	1	0,19	2 / 3	AD .. 0803 .. R
	F4038.W25.025.Z02.30	25	25	50	107	30	2	0,33	2 / 6	
	F4038.W32.032.Z03.37	32	32	50	111	37	3	0,56	3 / 12	

ScrewFit

DIN 1835 B

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 = 😊

Assembly parts

	D _c [mm]	20-32
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm

Accessories

	D _c [mm]	20	25	32
	Torque screwdriver, analogue	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)

Indexable inserts

Designation	Tolerance class	r mm	b mm	P			M			K			N		S		
				HC			HC			HC			HC	HW	HC		
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WAK15	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G
ADGT0803PER-D51	G	0,4	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺					
ADGT0803PER-F56	G	0,4	1,2				☺	☺	☺								
ADHT0803PER-G88	H	0,4	1,2										☺	☺			
ADKT0803PER-F56	K	0,4	1,2	☺		☺				☺		☺					☺
ADMT080302R-F56	M	0,2	1,2		☺	☺	☺	☺	☺								☺
ADMT080304R-F56	M	0,4	1,2	☺	☺	☺	☺	☺	☺	☺							☺
ADMT080308R-F56	M	0,8	1,2	☺	☺	☺	☺	☺	☺	☺							☺
ADMT080312R-F56	M	1,2	1		☺	☺	☺	☺	☺								☺
ADMT080316R-F56	M	1,6	1		☺	☺	☺	☺	☺								☺
ADMT080320R-F56	M	2	1		☺	☺	☺	☺	☺								☺
ADMT080304R-D56	M	0,4	1,2	☺	☺	☺				☺							☺
ADMT080304R-G56	M	0,4	1,2		☺	☺											☺

If the corner radius r = 1.6 mm or above, the corner area of the body must be reworked.
 R (body) = r (indexable insert) - 1 mm
 Indexable inserts with r <gt;/> 0.4 mm can only be used as front inserts.

HC = Coated carbide
 HW = Uncoated carbide

Helical milling cutters

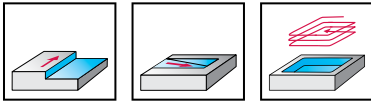
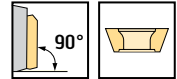
F4038 inch

AD .. 0803 .. R

Xtra-tec®



- Full effective design
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F4038	●	●	●	●	●	●	●

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
	F4038.UW19.019.Z01.30	0,750	0,750	1,770	3,780	1,181	1	0,388	2 / 3	AD .. 0803 .. R
	F4038.UW26.026.Z02.37	1,000	1,000	1,969	4,213	1,457	2	0,763	2 / 8	

DIN 1835 B

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [inch]	0,75–1
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 0,885 lbs

Accessories

	D _c [inch]	0,75–1
	Torque screwdriver, analogue	FS2002
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P			M			K			N		S	
					HC			HC			HC			HC	HW	HC	
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WAK15	WKP25S	WKP35G	WKP35S	WXN15	WK10
ADGT0803PER-D51	G	2	0,016	0,047	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ADGT0803PER-F56	G	2	0,016	0,047				☺	☺	☺	☺						
ADHT0803PER-G88	H	2	0,016	0,047										☺	☺		
ADKT0803PER-F56	K	2	0,016	0,047	☺		☺					☺					☺
ADMT080302R-F56	M	2	0,008	0,047		☺	☺	☺	☺	☺	☺						☺
ADMT080304R-F56	M	2	0,016	0,047	☺	☺	☺	☺	☺	☺	☺	☺					☺
ADMT080308R-F56	M	2	0,031	0,047	☺	☺	☺	☺	☺	☺	☺						☺
ADMT080312R-F56	M	2	0,047	0,039			☺	☺	☺	☺	☺						☺
ADMT080316R-F56	M	2	0,063	0,039			☺	☺	☺	☺	☺						☺
ADMT080320R-F56	M	2	0,079	0,039			☺	☺	☺	☺	☺						☺
ADMT080304R-D56	M	2	0,016	0,047	☺	☺	☺										☺
ADMT080304R-G56	M	2	0,016	0,047			☺										☺

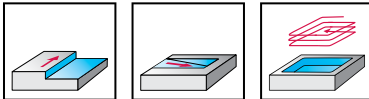
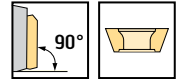
If the corner radius r = 1.6 mm or above, the corner area of the body must be reworked.
 R (body) = r (indexable insert) – 1 mm
 Indexable inserts with r <gt;/> 0.4 mm can only be used as front inserts.

HC = Coated carbide
 HW = Uncoated carbide

Helical milling cutters

F4138 mm
AD .. 1204 .. R
Xtra-tec®


- Full effective design
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F4138	●	●	●	●	●		●

Tool

Designation	D _c mm	d ₁ mm	l ₄ mm	h ₁₆ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
F4138.T28.032.Z02.33	32	28	50			33	2	0,21	2 / 4	AD .. 1204 .. R
F4138.T36.040.Z03.33	40	36	55			33	3	0,38	3 / 6	
ScrewFit										
F4138.W32.032.Z02.43	32	32	64		125	43	2	0,6	2 / 6	AD .. 1204 .. R
F4138.W40.040.Z03.54	40	40	79		150	54	3	1,16	3 / 12	
DIN 1835 B										
F4138.B16.040.Z03.33	40	16	55			33	3	0,32	3 / 6	AD .. 1204 .. R
F4138.B16.040.Z03.43	40	16	65			43	3	0,35	3 / 9	
F4138.B22.050.Z04.43	50	22	65			43	4	0,55	4 / 12	
F4138.B22.050.Z04.54	50	22	75			54	4	0,62	4 / 16	
F4138.B27.063.Z05.43	63	27	70			43	5	0,99	5 / 15	
Shell mill mount DIN 138 transverse keyway										
F4138.N6.040.Z03.54	40	63	105	69		54	3	1,06	3 / 12	AD .. 1204 .. R
Modular NCT adaptor										

For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see „Assembly parts and accessories/Miscellaneous“ | Bodies and assembly parts are included in the scope of delivery

Assembly parts

D _c [mm]		32	40	50	63
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm	FS1457 (T9IP) 2 Nm	FS1457 (T9IP) 2 Nm	FS1457 (T9IP) 2 Nm
	Clamping screw for arbour-mounted tools		M08X040 ISO4762 12.9 (SW 6)	M10X045 ISO4762 12.9 (SW 8)	M12X045 ISO4762 12.9 (SW 10)

Accessories

D _c [mm]		32	40	50-63
	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)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P			M			K			N		S		
					HC			HC			HC			HC	HW	HC		
					WKP255	WKP356	WKP355	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP255	WKP356	WKP355	WXN15	WK10
ADGT120404R-F56	G	2	0.4	1.2														
ADGT120430R-F56	G	2	3	0.8														
ADGT120440R-F56	G	2	4	0.4														
ADGT1204PER-F56	G	2	0.8	1.2														
ADGT120416R-D67	G	2	1.6	1														
ADGT1204PER-D67	G	2	0.8	1.2														
ADGT1204PER-D51	G	2	0.8	1.2														
ADGT1204PER-D56	G	2	0.8	1.2														
ADGT1204PER-G77	G	2	0.8	1.2														
ADHT120416R-G88	H	2	1.6	1														
ADHT120440R-G88	H	2	4	0.4														
ADHT1204PER-G88	H	2	0.8	1.2														
ADKT1204PER-F56	K	2	0.8	1.2														
ADMT120404R-F56	M	2	0.4	1.2														
ADMT120408R-F56	M	2	0.8	1.2														
ADMT120412R-F56	M	2	1.2	1.2														
ADMT120416R-F56	M	2	1.6	1														
ADMT120420R-F56	M	2	2	1														
ADMT120425R-F56	M	2	2.5	0.8														
ADMT120430R-F56	M	2	3	0.8														
ADMT120432R-F56	M	2	3.2	0.8														
ADMT120440R-F56	M	2	4	0.4														
ADMT120408R-D56	M	2	0.8	1.2														
ADMT120408R-G56	M	2	0.8	1.2														

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:
R (body) = r (indexable insert) - 1 mm

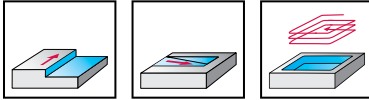
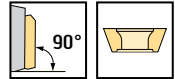
HC = Coated carbide
HW = Uncoated carbide

Helical milling cutters

F4138 inch

AD .. 1204 .. R
Xtra-tec®


- Full effective design
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F4138	●	●	●	●	●		●

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
	F4138.UT28.031.Z02.33	1,250	1,102	1,969		1,300	2	0,465	2 / 4	AD .. 1204 .. R
	F4138.UT36.038.Z03.33	1,500	1,417	2,165		1,300	3	0,705	3 / 6	
ScrewFit										
	F4138.UW31.031.Z02.43	1,250	1,250	2,520	4,921	1,693	2	1,19	2 / 6	AD .. 1204 .. R
DIN 1835 B										
	F4138.UB19.051.Z04.43	2,000	0,750	2,559		1,690	4	1,323	4 / 12	AD .. 1204 .. 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 = 😊

Assembly parts

	D _c [inch]	1,25–1,5	2
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 1,475 lbs	FS1457 (T9IP) 1,475 lbs
	Clamping screw for arbour-mounted tools		FS1528

Accessories

	D _c [inch]	1,25	1,5	2
	Torque screwdriver, analogue	FS2004	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P			M			K			N		S		
					HC			HC			HC			HC	HW	HC		
					WKP255	WKP356	WKP355	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP255	WKP356	WKP355	WXN15	WK10
ADGT120404R-F56	G	2	0,016	0,047														
ADGT120430R-F56	G	2	0,118	0,031														
ADGT120440R-F56	G	2	0,157	0,016														
ADGT1204PER-F56	G	2	0,031	0,047														
ADGT120416R-D67	G	2	0,063	0,039														
ADGT1204PER-D67	G	2	0,031	0,047														
ADGT1204PER-D51	G	2	0,031	0,047														
ADGT1204PER-D56	G	2	0,031	0,047														
ADGT1204PER-G77	G	2	0,031	0,047														
ADHT120416R-G88	H	2	0,063	0,039														
ADHT120440R-G88	H	2	0,157	0,016														
ADHT1204PER-G88	H	2	0,031	0,047														
ADKT1204PER-F56	K	2	0,031	0,047														
ADMT120404R-F56	M	2	0,016	0,047														
ADMT120408R-F56	M	2	0,031	0,047														
ADMT120412R-F56	M	2	0,047	0,047														
ADMT120416R-F56	M	2	0,063	0,039														
ADMT120420R-F56	M	2	0,079	0,039														
ADMT120425R-F56	M	2	0,098	0,031														
ADMT120430R-F56	M	2	0,118	0,031														
ADMT120432R-F56	M	2	0,126	0,031														
ADMT120440R-F56	M	2	0,157	0,016														
ADMT120408R-D56	M	2	0,031	0,047														
ADMT120408R-G56	M	2	0,031	0,047														

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:
 R (body) = r (indexable insert) - 1 mm

HC = Coated carbide
 HW = Uncoated carbide

WALTER SELECT

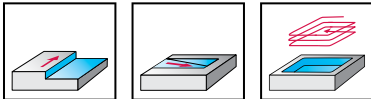
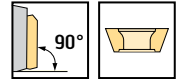
Stability of machine, workpiece and clamping arrangement

→ Very good = ☺ → Good = ☹ → Moderate = ☹

Helical milling cutters

F4238
AD .. 1606 .. R
Xtra-tec®


- Full effective design
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F4238	●	●	●	●	●		●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁₆ mm	L _c mm	Z	kg	No. of inserts	Type
	F4238.T36.040.Z03.29	40	36	55		29	3	0,4	3 / 3	AD .. 1606 .. R
	F4238.T45.050.Z03.43	50	45	70		43	3	0,72	3 / 6	
	F4238.B22.050.Z03.43	50	22	60		43	3	0,47	3 / 6	AD .. 1606 .. R
	F4238.B27.063.Z04.43	63	27	70		43	4	0,93	4 / 8	
	F4238.B27.063.Z04.57	63	27	85		57	4	1,2	4 / 12	
	F4238.B32.080.Z05.57	80	32	85		57	5	2	5 / 15	
	F4238.B32.080.Z05.71	80	32	100		71	5	2,39	5 / 20	
	F4238.N6.040.Z03.57	40	63	108	80	57	3	1,05	3 / 9	AD .. 1606 .. R
	F4238.N8.040.Z03.57	40	80	105	68	57	3	1,45	3 / 9	
	F4238.N8.050.Z03.71	50	80	122	93	71	3	1,96	3 / 12	
	F4238.N8.063.Z04.85	63	80	136	111	85	4	2,55	4 / 20	
	F4238.N8.080.Z05.99	80	80	150	130	99	5	4,35	5 / 30	

For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see „Assembly parts and accessories/Miscellaneous“ | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

D _c [mm]		40	50	63	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
	Clamping screw for arbour-mounted tools		M10X045 ISO4762 12.9 (SW 8)	M12X055 ISO4762 12.9 (SW 10)	M16X070 ISO4762 12.9 (SW 14)

Accessories

D _c [mm]		40-80	50
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M				K				N		S					
					HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC			
					WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKP255	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	
ADGT160612R-F56	G	2	1.2	1.6																				
ADGT160616R-F56	G	2	1.6	1.4																				
ADGT160620R-F56	G	2	2	1.4																				
ADGT160632R-F56	G	2	3.2	1.2																				
ADGT160640R-F56	G	2	4	1																				
ADGT1606PER-F56	G	2	0.8	1.6																				
ADGT160616R-D67	G	2	1.6	1																				
ADGT1606PER-D67	G	2	0.8	1.6																				
ADGT1606PER-D51	G	2	0.8	1.6																				
ADGT1606PER-D56	G	2	0.8	1.6																				
ADGT1606PER-G77	G	2	0.8	1.2																				
ADHT160616R-G88	H	2	1.6	1.4																				
ADHT1606PER-G88	H	2	0.8	1.6																				
ADKT1606PER-F56	K	2	0.8	1.6																				
ADMT160608R-D56	M	2	0.8	1.6																				
ADMT160608R-F56	M	2	0.8	1.6																				
ADMT160612R-F56	M	2	1.2	1.6																				
ADMT160616R-F56	M	2	1.6	1.4																				
ADMT160620R-F56	M	2	2	1.4																				
ADMT160625R-F56	M	2	2.5	1.2																				
ADMT160630R-F56	M	2	3	1.2																				
ADMT160632R-F56	M	2	3.2	1.2																				
ADMT160640R-F56	M	2	4	1																				
ADMT160650R-F56	M	2	5																					
ADMT160660R-F56	M	2	6																					
ADMT160608R-G56	M	2	0.8	1.6																				

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:
R (body) = r (indexable insert) - 1 mm

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = → Good = → Moderate =

= New addition to the product range

D2

Helical milling cutters

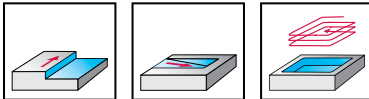
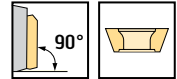
F4238 inch

AD .. 1606 .. R

Xtra-tec®



- Full effective design
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F4238	●	●	●	●	●		●

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	h ₁₆ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>DIN 1835 B</p>	F4238.UW31.038.Z03.57	1,500	1,250	3,150		5,43	2,244	3	1,561	3 / 9	AD .. 1606 .. R
	F4238.UW38.051.Z03.90	2,000	1,500	4,528		7,215	3,346	3	3,743	3 / 15	
<p>Shell mill mount DIN 138 transverse keyway</p>	F4238.UB19.051.Z03.43	2,000	0,750	2,362			1,693	3	1,160	3 / 6	AD .. 1606 .. R
	F4238.UB26.064.Z04.57	2,500	1,000	2,953			2,244	4	2,247	4 / 12	
	F4238.UB31.076.Z05.71	3,000	1,250	3,937			2,795	5	4,683	5 / 20	
<p>SK DIN 69871 AD/B</p>	F4238.US5.051.Z03.85	2,000		4,528	4,204		3,346	3	8,113	3 / 15	AD .. 1606 .. R
	F4238.US5.064.Z04.99	2,500		5,906	5,118		3,898	4	10,401	4 / 24	

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 = 😊

Assembly parts

D _c [inch]		1,5	2	2,5	3
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 2,581 lbs	FS1453 (T15IP) 2,581 lbs	FS1453 (T15IP) 2,581 lbs	FS1453 (T15IP) 2,581 lbs
	Clamping screw for arbour-mounted tools		FS1528	FS1614	FS2280

Accessories

D _c [inch]		1,5-3
	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				M				K				N		S							
					WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC						
ADGT160612R-F56	G	2	0,047	0,063	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADGT160616R-F56	G	2	0,063	0,055	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADGT160620R-F56	G	2	0,079	0,055	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADGT160632R-F56	G	2	0,126	0,047	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADGT160640R-F56	G	2	0,157	0,039	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADGT1606PER-F56	G	2	0,031	0,063	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADGT160616R-D67	G	2	0,063	0,039	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADGT1606PER-D67	G	2	0,031	0,063	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADGT1606PER-D51	G	2	0,031	0,063	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADGT1606PER-D56	G	2	0,031	0,063	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADGT1606PER-G77	G	2	0,031	0,047	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADHT160616R-G88	H	2	0,063	0,055	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADHT1606PER-G88	H	2	0,031	0,063	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADKT1606PER-F56	K	2	0,031	0,063	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADMT160608R-D56	M	2	0,031	0,063	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADMT160608R-F56	M	2	0,031	0,063	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADMT160612R-F56	M	2	0,047	0,063	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADMT160616R-F56	M	2	0,063	0,055	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADMT160620R-F56	M	2	0,079	0,055	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADMT160625R-F56	M	2	0,098	0,047	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADMT160630R-F56	M	2	0,118	0,047	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADMT160632R-F56	M	2	0,126	0,047	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADMT160640R-F56	M	2	0,157	0,039	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADMT160650R-F56	M	2	0,197		WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADMT160660R-F56	M	2	0,236		WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC
ADMT160608R-G56	M	2	0,031	0,063	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:
 R (body) = r (indexable insert) - 1 mm

HC = Coated carbide
 HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = → Good = → Moderate =

/ * = New addition to the product range

Helical milling cutters

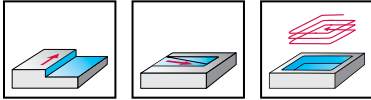
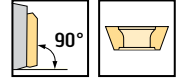
F4338

AD .. 1807 .. R

Xtra-tec®



- Full effective design
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F4338	●	●	●	●	●		

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F4338.B27.063.Z04.47	63	27	69	47	4	0,79	4 / 8	AD .. 1807 .. R
	F4338.B27.063.Z04.63	63	27	85	63	4	0,95	4 / 12	
	F4338.B32.080.Z05.78	80	32	100	78	5	2,05	5 / 20	

For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see „Assembly parts and accessories/Miscellaneous“ | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [mm]	63	80
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm	FS1495 (T20IP) 5 Nm
	Clamping screw for arbour-mounted tools	M12X050 ISO4762 12.9 (SW 10)	M16X090 ISO4762 12.9 (SW 14)

Accessories

	D _c [mm]	63-80
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M		K		S			
					HC	HC	HC	HC	HC					
					WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSP45G
ADGT1807PER-D51	G	2	1.2	1.8	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
ADGT1807PER-D56	G	2	1.2	1.8	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
ADMT180712R-D56	M	2	1.2	1.8	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
ADMT180712R-F56	M	2	1.2	1.8	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹

HC = Coated carbide

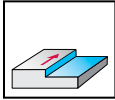
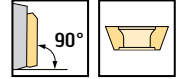
Helical milling cutters

F2338F

LP .. 1506 ..



- Full effective design
- 2 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2338F	●	●	●	●	●		

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F2338F.B.063.Z03.48	63	27	70	48	3	0,88	3 / 9	LP .. 1506 .. SP .. 120606
	F2338F.B.080.Z05.70	80	32	95	70	5	2,05	5 / 25	
	F2338F.B.085.Z05.70	85	32	95	70	5	2,56	5 / 25	

For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see „Assembly parts and accessories/Miscellaneous“ | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [mm]	63–85
	Clamping screw for LP... Index. insert Tightening torque	FS1153 (T20) 4 Nm
	Clamping screw for SP... Index. insert Tightening torque	FS1031 (T20) 5 Nm

Accessories

	D _c [mm]	63–85
	Screwdriver for indexable insert	FS228 (T20)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r [mm]	P		M		K		S
				WC	HC	WC	HC	WC	HC	HC
				WKP25S	WKP35S	WSP45G	WSP45G	WKP25S	WKP35S	WSP45G
	LPMT150612R-D51	M	2	1.2	☺	☺	☺	☺	☺	☺
	LPMT150612R-D57	M	2	1.2	☺	☺	☺	☺	☺	☺
	SPGT120606-F57	G	4	0.6	☺	☺	☺	☺	☺	☺
	SPMT120606-D51	M	4	0.6	☺	☺	☺	☺	☺	☺
	SPMT120606-D57	M	4	0.6	☺	☺	☺	☺	☺	☺

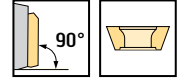
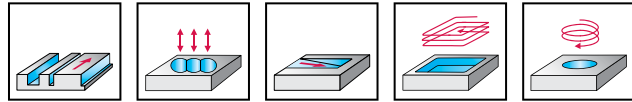
HC = Coated carbide

Routing cutters

M4791 inch



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4791	●	●	●	●	●	●	●

Tool	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 DIN 1835 B	M4791.019-W19-01-06	0,750	0,750	1,529	3,560	0,22	1	0,342	1 / 1	SDM . 06T204
	M4791.026-W26-01-09	1,000	1,000	2,844	5,125	0,331	1	0,858	1 / 1	SDM . 09T308
	M4791.028-W19-01-09	1,125	0,750	1,250	3,310	0,331	1	0,337	1 / 1	SDM . 120408
	M4791.031-W31-01-12	1,250	1,250	3,219	5,500	0,457	1	1,446	1 / 1	
	M4791.038-W31-01-12	1,500	1,250	3,219	5,500	0,457	1	1,495	1 / 1	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

Type	SDM . 06T204	SDM . 09T308	SDM . 120408
Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,664 lbs	FS2266 (T10IP) 1,475 lbs	FS1453 (T15IP) 2,581 lbs

Accessories

Type	SDM . 06T204	SDM . 09T308	SDM . 120408
Torque screwdriver, analogue	FS2002	FS2004	FS2004
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 inch	P				M			K					N			S	
				HC				HC			HC					DP	HC	HW	HC	
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G
SDHT06T204-G88	H	4	0,016																	
SDMT06T204-D51	M	4	0,016	☺	☺	☺	☺													☺
SDMT06T204-D57	M	4	0,016	☺	☺	☺	☺	☺												☺
SDMT06T204-F57	M	4	0,016	☺	☺	☺	☺	☺												☺
SDMW06T204-A57	M	4	0,016	☺	☺	☺														☺
SDHT09T304-G88	H	4	0,016																	
SDHT09T308-G88	H	4	0,031																	
SDMT09T308-D51	M	4	0,031	☺	☺	☺	☺													☺
SDMT09T308-D57	M	4	0,031	☺	☺	☺	☺	☺												☺
SDMT09T304-F57	M	4	0,016	☺	☺	☺	☺	☺												☺
SDMT09T308-F57	M	4	0,031	☺	☺	☺	☺	☺	☺											☺
SDMW09T308-A57	M	4	0,031	☺	☺	☺														☺
SDHT120408-G88	H	4	0,031																	
SDMT120408-D51	M	4	0,031	☺	☺	☺	☺													☺
SDMT120408-D57	M	4	0,031	☺	☺	☺	☺	☺												☺
SDMT120408-F57	M	4	0,031	☺	☺	☺	☺	☺												☺
SDMW120408-A57	M	4	0,031	☺	☺	☺														☺
SDGW09T304-A88	G	1	0,016																	☺
SDGW120408-A88	G	1	0,031																	☺

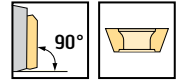
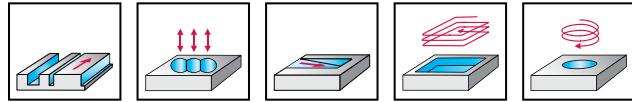
HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

Routing cutters

M4792



- 2 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4792	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
<p>DIN 1835 B</p>	M4792-018-W16-01-08	18	16	31	80	8,3	1	0,1	1 / 1	LDM . 08T204R SDM . 06T204
	M4792-020-W20-01-13	20	20	34	85	13,3	1	0,17	1 / 1	
	M4792-025-W25-01-13	25	25	43	100	13,3	1	0,3	1 / 1	LDM . 14T308R SDM . 09T308
	M4792-030-W32-01-20	30	32	54	115	20,8	1	0,57	1 / 1	
	M4792-032-W32-01-20	32	32	54	115	20,8	1	0,61	1 / 1	
	M4792-040-W32-01-26	40	32	69	130	26,9	1	0,83	1 / 1	LDM . 1704 .. R SDM . 120408

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 . R
Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 . R
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				M		K			S	
					HC				HC		HC			HC	
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G
LDMT08T204R-D51	M	2	0,4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT08T204R-D57	M	2	0,4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT08T204R-F57	M	2	0,4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMW08T204R-A57	M	2	0,4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT14T308R-D51	M	2	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT14T308R-D57	M	2	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT14T308R-F57	M	2	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMW14T308R-A57	M	2	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT170408R-D51	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT170408R-D57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT170408R-F57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMW170408R-A57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT06T204-D51	M	4	0,4		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT06T204-D57	M	4	0,4		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT06T204-F57	M	4	0,4		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMW06T204-A57	M	4	0,4		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT09T308-D51	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT09T308-D57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT09T304-F57	M	4	0,4		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT09T308-F57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMW09T308-A57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT120408-D51	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT120408-D57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT120408-F57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMW120408-A57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

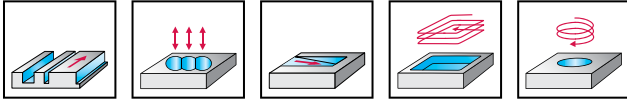
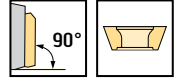
HC = Coated carbide

Routing cutters

M4792 inch



– 2 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4792	●	●	●	●	●		

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	z	lbs	No. of inserts	Type
<p>DIN 1835 B</p>	M4792.019-W26-01-13	0,750	1,000	1,339	3,621	0,535	1	0,615	1 / 1	LDM . 08T204R SDM . 06T204
	M4792.026-W26-01-13	1,000	1,000	1,693	3,974	0,524	1	0,725	1 / 1	LDM . 14T308R SDM . 09T308
	M4792.031-W31-01-20	1,250	1,250	2,126	4,407	0,819	1	1,239	1 / 1	
	M4792.038-W31-01-26	1,500	1,250	2,520	4,997	1,059	1	1,667	1 / 1	LDM . 1704 .. R SDM . 120408

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 . R
Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,664 lbs	FS2266 (T10IP) 1,475 lbs	FS1453 (T15IP) 2,581 lbs

Accessories

Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 . R
Torque screwdriver, analogue	FS2002	FS2004	FS2004
Torque screwdriver, digital		FS2248	FS2248
Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

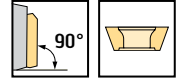
Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P				M		K			S	
					HC				HC	HC			HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSP45G
	LDMT08T204R-D51	M	2	0,016	0,030	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT08T204R-D57	M	2	0,016	0,030	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT08T204R-F57	M	2	0,016	0,030	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMW08T204R-A57	M	2	0,016	0,030	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT14T308R-D51	M	2	0,031	0,047	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT14T308R-D57	M	2	0,031	0,047	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT14T308R-F57	M	2	0,031	0,047	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMW14T308R-A57	M	2	0,031	0,047	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170408R-D51	M	2	0,031	0,063	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170408R-D57	M	2	0,031	0,063	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170408R-F57	M	2	0,031	0,063	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMW170408R-A57	M	2	0,031	0,063	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT06T204-D51	M	4	0,016		☺	☺	☺	☺	☺	☺	☺	☺	☺	
	SDMT06T204-D57	M	4	0,016		☺	☺	☺	☺	☺	☺	☺	☺	☺	
	SDMT06T204-F57	M	4	0,016		☺	☺	☺	☺	☺	☺	☺	☺	☺	
	SDMW06T204-A57	M	4	0,016		☺	☺	☺	☺	☺	☺	☺	☺	☺	
	SDMT09T308-D51	M	4	0,031		☺	☺	☺	☺	☺	☺	☺	☺	☺	
	SDMT09T308-D57	M	4	0,031		☺	☺	☺	☺	☺	☺	☺	☺	☺	
	SDMT09T304-F57	M	4	0,016		☺	☺	☺	☺	☺	☺	☺	☺	☺	
	SDMT09T308-F57	M	4	0,031		☺	☺	☺	☺	☺	☺	☺	☺	☺	
	SDMW09T308-A57	M	4	0,031		☺	☺	☺	☺	☺	☺	☺	☺	☺	
	SDMT120408-D51	M	4	0,031		☺	☺	☺	☺	☺	☺	☺	☺	☺	
	SDMT120408-D57	M	4	0,031		☺	☺	☺	☺	☺	☺	☺	☺	☺	
	SDMT120408-F57	M	4	0,031		☺	☺	☺	☺	☺	☺	☺	☺	☺	
	SDMW120408-A57	M	4	0,031		☺	☺	☺	☺	☺	☺	☺	☺	☺	

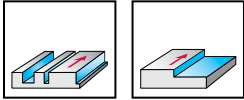
HC = Coated carbide

Helical milling cutters

M4256 / M4257 / M4258 mm



- Half effective design
- 2 or 4 cutting edges per indexable insert




	P	M	K	N	S	H	O
M4256	●	●	●		●		
M4257	●	●	●		●		
M4258	●	●	●		●		




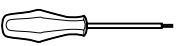
Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
<p>ScrewFit</p>	M4256-025-T22-02-27	25	22	40		27	2	0,11	2 / 10	LDM . 08T204R SDM . 06T204
	M4256-032-T28-02-37	32	28	50		37	2	0,21	2 / 14	
<p>ScrewFit</p>	M4257-040-T36-02-54	40	36	69		54	2	0,43	2 / 14	LDM . 14T308R SDM . 09T308
<p>DIN 1835 B</p>	M4256-020-W20-01-27	20	20	35	86	27	1	0,18	1 / 5	LDM . 08T204R SDM . 06T204
	M4256-025-W25-02-27	25	25	40	97	27	2	0,31	2 / 10	
	M4256-032-W32-02-37	32	32	50	111	37	2	0,57	2 / 14	
	M4257-040-W40-02-54	40	40	69	140	54	2	1,06	2 / 14	LDM . 14T308R SDM . 09T308
<p>Shell mill mount DIN 138 transverse keyway</p>	M4257-050-B22-02-47	50	22	56		47	2	0,37	2 / 12	LDM . 14T308R SDM . 09T308
	M4257-063-B27-03-54	63	27	69		54	3	0,89	3 / 21	

For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see „Assembly parts and accessories/Miscellaneous“ | Bodies and assembly parts are included in the scope of delivery



Assembly parts

Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 . R
Clamping screw for arbour-mounted tools		M10X045 ISO4762 12.9 (SW 8)	M16X090 ISO4762 12.9 (SW 14)
 Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 . R
 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				M		K			S	
					HC				HC		HC			HC	
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G
 LDMT08T204R-D51	M	2	0,4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT08T204R-D57	M	2	0,4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT08T204R-F57	M	2	0,4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMW08T204R-A57	M	2	0,4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT14T308R-D51	M	2	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT14T308R-D57	M	2	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT14T308R-F57	M	2	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMW14T308R-A57	M	2	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT170408R-D51	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT170412R-D51	M	2	1,2	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT170408R-D57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT170408R-F57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMW170408R-A57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
 SDMT06T204-D51	M	4	0,4		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT06T204-D57	M	4	0,4		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT06T204-F57	M	4	0,4		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMW06T204-A57	M	4	0,4		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT09T308-D51	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT09T308-D57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT09T308-F57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMW09T308-A57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT120408-D51	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT120408-D57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT120408-F57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMW120408-A57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

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

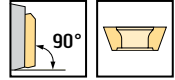
Slot milling cutters

D 607

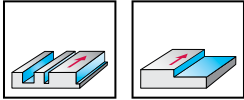
D2

Helical milling cutters

M4256 / M4257 / M4258 mm

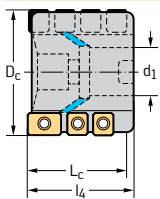


- Half effective design
- 2 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4256	●	●	●		●		
M4257	●	●	●		●		
M4258	●	●	●		●		

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
M4258-080-B32-03-67	80	32	80		67	3	1	3 / 18	LDM . 1704 .. R SDM . 120408
M4258-100-B40-04-77	100	40	80		77	4	2,39	4 / 28	




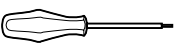
For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see „Assembly parts and accessories/Miscellaneous“ | Bodies and assembly parts are included in the scope of delivery

D2



Assembly parts

Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 . R
Clamping screw for arbour-mounted tools		M10X045 ISO4762 12.9 (SW 8)	M16X090 ISO4762 12.9 (SW 14)
 Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 . R
 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				M		K			S	
					HC				HC		HC			HC	
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G
 LDMT08T204R-D51	M	2	0,4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT08T204R-D57	M	2	0,4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT08T204R-F57	M	2	0,4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMW08T204R-A57	M	2	0,4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT14T308R-D51	M	2	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT14T308R-D57	M	2	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT14T308R-F57	M	2	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMW14T308R-A57	M	2	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT170408R-D51	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT170412R-D51	M	2	1,2	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT170408R-D57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMT170408R-F57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LDMW170408R-A57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
 SDMT06T204-D51	M	4	0,4		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT06T204-D57	M	4	0,4		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT06T204-F57	M	4	0,4		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMW06T204-A57	M	4	0,4		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT09T308-D51	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT09T308-D57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT09T308-F57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMW09T308-A57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT120408-D51	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT120408-D57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT120408-F57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMW120408-A57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

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

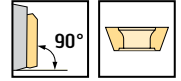
Slot milling cutters

D 609

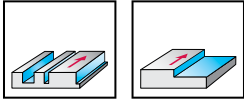
D2

Helical milling cutters

M4257 / M4258 inch



- Half effective design
- 2 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4257	●	●	●	●	●		
M4258	●	●	●	●	●		

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>DIN 1835 B</p>	M4257.038-W38-02-54	1,500	1,500	2,750	5,438	2,126	2	2,044	2 / 14	LDM . 14T308R SDM . 09T308
<p>Shell mill mount DIN 138 transverse keyway</p>	M4257.051-B19-02-47	2,000	0,750	2,248		1,85	2	1,063	2 / 12	LDM . 14T308R SDM . 09T308
<p>Shell mill mount DIN 138 transverse keyway</p>	M4258.076-B31-03-67 M4258.102-B38-04-77	3,000 4,000	1,250 1,500	3,150 3,150		2,638 3,031	3 4	2,945 5,922	3 / 18 4 / 28	LDM . 1704 .. R SDM . 120408

For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see „Assembly parts and accessories/Miscellaneous“ | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

Type		LDM . 14T308R	LDM . 1704 .. R
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 1,475 lbs	FS1453 (T15IP) 2,581 lbs
	Clamping screw for arbour-mounted tools	FS1528	FS1520

Accessories

Type		LDM . 14T308R	LDM . 1704 .. R
	Torque screwdriver, analogue	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P				M		K			S	
					HC				HC	HC			HC		
					WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKK25G	WKP255	WKP35G	WKP35S	WSM35G
	LDMT14T308R-D51	M	2	0.031	0.047	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT14T308R-D57	M	2	0.031	0.047	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT14T308R-F57	M	2	0.031	0.047	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMW14T308R-A57	M	2	0.031	0.047	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170408R-D51	M	2	0.031	0.063	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170412R-D51	M	2	0.047	0.063	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170408R-D57	M	2	0.031	0.063	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170408R-F57	M	2	0.031	0.063	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMW170408R-A57	M	2	0.031	0.063	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT09T308-D51	M	4	0.031		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT09T308-D57	M	4	0.031		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT09T308-F57	M	4	0.031		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMW09T308-A57	M	4	0.031		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT120408-D51	M	4	0.031		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT120408-D57	M	4	0.031		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT120408-F57	M	4	0.031		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMW120408-A57	M	4	0.031		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

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

Slot milling cutters D 611

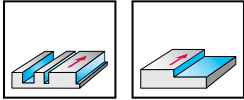
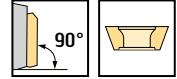
Helical milling cutters

M4258

LDM . 1704 .. R



- 2 or 4 cutting edges per indexable insert
- Half effective design with corner front piece



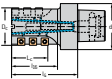


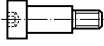
	P	M	K	N	S	H	O
M4258	●	●	●	●	●		

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁₆ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Walter Capto™ in acc. with ISO 26623</p>	M4258-050-C6-02-75-M	50	63	110	88	77	2	1,3	2 / 14	LDM . 1704 .. R SDM . 120408
	M4258-063-C8-02-96-M	63	80	150	115	98	2	3,41	2 / 18	
<p>Walter Capto™ in acc. with ISO 26623</p>	M4258-080-C8-03-116-M	80	80	150	150	118	3	3,9	3 / 33	LDM . 1704 .. R SDM . 120408




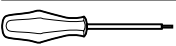
Body with 80 mm diameter: Adaptor without gripper groove | Bodies and assembly parts are included in the scope of delivery

D2



Assembly parts

D _c [mm]	50	63	80
 Basic body	M4258-050-C6-02-50-B	M4258-063-C8-02-60-B	M4258-080-C8-03-80-B
 Porcupine milling cutter front piece	M4258-050-P20-02-25-F	M4258-063-P30-02-36-F	M4258-080-P40-03-36-F
 Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1453 (T15IP) 3,5 Nm
 Clamping screw for front piece Tightening torque	FS370 (SW 10) 40 Nm	FS373 (SW 12) 120 Nm	FS373 (SW 12) 120 Nm

Accessories

D _c [mm]	50-80
 Torque screwdriver, analogue	FS2003
 Torque screwdriver, digital	FS2248
 Interchangeable blade	FS2014 (T15IP)
 Screwdriver	FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M		K			S	
					HC				HC		HC			HC	
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G
	LDMT170408R-D51	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170412R-D51	M	2	1,2	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170408R-D57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170408R-F57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMW170408R-A57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT120408-D51	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT120408-D57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT120408-F57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMW120408-A57	M	4	0,8											

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

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

Slot milling cutters

D 613

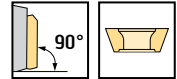
Helical milling cutter basic body

M4258

SDM . 120408



- 2 or 4 cutting edges per indexable insert
- Basic body for porcupine milling cutters



	P	M	K	N	S	H	O
M4258	●●	●●	●●	●●	●●	●●	●●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁₆ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Walter Capto™ in acc. with ISO 26623</p>	M4258-050-C6-02-50-B	50	63	85	62	52	2	1,16	10	SDM . 120408
	M4258-063-C8-02-60-B	63	80	115	80	63	2	2,81	12	
<p>Walter Capto™ in acc. with ISO 26623</p>	M4258-080-C8-03-80-B	80	80	115	115	83	3	3,43	24	SDM . 120408

Body with 80 mm diameter: Adaptor without gripper groove | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

		Type	SDM . 120408
	Clamping screw for indexable insert Tightening torque		FS1453 (T15IP) 3.5 Nm

Accessories

		Type	SDM . 120408
	Torque screwdriver, analogue		FS2003
	Torque screwdriver, digital		FS2248
	Interchangeable blade		FS2014 (T15IP)
	Screwdriver		FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	P				M			K				S	
				HC				HC			HC				HC	
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G
SDMT120408-D51	M	4	0.8	☺	☺	☺	☺				☺	☺	☺	☺	☺	☺
SDMT120408-D57	M	4	0.8	☺	☺	☺	☺				☺	☺	☺	☺	☺	☺
SDMT120408-F57	M	4	0.8	☺	☺	☺	☺				☺	☺	☺	☺	☺	☺
SDMW120408-A57	M	4	0.8	☺	☺	☺	☺				☺	☺	☺	☺	☺	☺

HC = Coated carbide

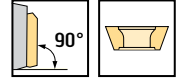
Helical milling cutter front piece

M4258

LDM . 1704 .. R



- 2 or 4 cutting edges per indexable insert
- Half effective design with corner front piece



	P	M	K	N	S	H	O
M4258	●●	●●	●●	●●	●●		

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
	M4258-050-P20-02-25-F	50		25,1	25	2	0,14	2 / 4	
	M4258-063-P30-02-36-F	63		35,1	35	2	0,4	2 / 6	
	M4258-080-P40-03-36-F	80		35,1	35	3	0,62	3 / 9	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [mm]	50-80
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm

Accessories

	D _c [mm]	50-80
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M		K			S	
					HC				HC		HC			HC	
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G
	LDMT170408R-D51	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170412R-D51	M	2	1,2	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170408R-D57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170408R-F57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMW170408R-A57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT120408-D51	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT120408-D57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT120408-F57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMW120408-A57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide

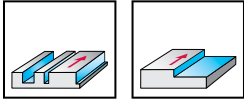
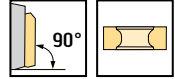
Helical milling cutters

M3255 mm

XNHX1306 .. R
Walter BLAXX



- Full effective design
- 2 or 4 cutting edges per indexable insert, tangential arrangement



	P	M	K	N	S	H	O
M3255		●●			●●		

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	M3255-050-B22-04-46	50	22	65	46	4	0,54	4 / 12	
	M3255-050-B22-05-46	50	22	65	46	5	0,53	5 / 15	
	M3255-063-B27-05-46	63	27	70	46	5	0,99	5 / 15	
	M3255-080-B32-05-58	80	32	85	58	5	1,99	5 / 20	

The FS2250 coolant nozzle must be secured to prevent it from coming loose. | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [mm]	50	63	80
	Clamping screw for indexable insert Tightening torque	FS2299 (T15IP) 4 Nm	FS2299 (T15IP) 4 Nm	FS2299 (T15IP) 4 Nm
	Clamping screw for arbour-mounted tools	M10X045 ISO4762 12.9 (SW 8)	M12X050 ISO4762 12.9 (SW 10)	M16X060 ISO4762 12.9 (SW 14)
	Coolant nozzle	FS2250 (SW 1,6)	FS2250 (SW 1,6)	FS2250 (SW 1,6)

Accessories

	D _c [mm]	50-80
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M		S	
					HC	WSP45G	HC	WSP45G	HC	WSP45G
	LNHX120604R-L65T	4	0,4		☑	☑	☑	☑	☑	☑
	LNHX120604R-L65W	4	0,4	1,5	☑	☑	☑	☑	☑	☑
	XNHX130608R-L65T	2	0,8	2	☑	☑	☑	☑	☑	☑
	XNHX130612R-L65T	H	2	1,2	2	☑	☑	☑	☑	☑
	XNHX130616R-L65T	H	2	1,6	2	☑	☑	☑	☑	☑
	XNHX130620R-L65T	H	2	2	2	☑	☑	☑	☑	☑
	XNHX130624R-L65T	H	2	2,4	2	☑	☑	☑	☑	☑
	XNHX130630R-L65T	H	2	3	1,4	☑	☑	☑	☑	☑
	XNHX130632R-L65T	H	2	3,2	1,3	☑	☑	☑	☑	☑
	XNHX130640R-L65T	H	2	4	0,5	☑	☑	☑	☑	☑
	XNHX130608R-L65W	H	2	0,8	2	☑	☑	☑	☑	☑
	XNHX130640R-L65W	H	2	4	0,5	☑	☑	☑	☑	☑

XNHX1306 . . . indexable inserts can only be used as front inserts.

HC = Coated carbide

WALTER SELECT

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

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

Slot milling cutters D 619

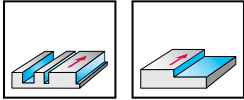
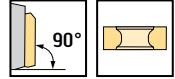
Helical milling cutters

M3255 inch

XNHX1306 .. R
Walter BLAXX



- Full effective design
- 2 or 4 cutting edges per indexable insert, tangential arrangement



	P	M	K	N	S	H	O
M3255		●●			●●		

Tool	Designation	D _c inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	M3255.051-B19-04-46	2,000	0,750	2,559	1,811	4	1,391	4 / 12	XNHX1306 .. R LNHX120604R
	M3255.051-B19-05-46	2,000	0,750	2,559	1,811	5	1,113	5 / 15	
	M3255.051-B26-04-57	2,000	1,000	3,375	2,244	4	1,828	4 / 16	
	M3255.051-B26-05-57	2,000	1,000	3,375	2,244	5	1,836	5 / 20	
	M3255.064-B26-06-46	2,500	1,000	2,756	1,811	6	2,288	6 / 18	
	M3255.076-B31-05-80	3,000	1,250	4,250	3,150	5	5,348	5 / 30	
	M3255.076-B31-06-58	3,000	1,250	3,346	2,283	6	4,262	6 / 24	
	M3255.076-B31-06-80	3,000	1,250	4,250	3,150	6	5,165	6 / 36	

The FS2250 coolant nozzle must be secured to prevent it from coming loose. | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _c [inch]	2	2,5	3
	Clamping screw for indexable insert Tightening torque	FS2299 (T15IP) 2,95 lbs	FS2299 (T15IP) 2,95 lbs	FS2299 (T15IP) 2,95 lbs
	Coolant nozzle	FS2250 (SW 1,6)	FS2250 (SW 1,6)	FS2250 (SW 1,6)
	Clamping screw for arbour-mounted tools	FS1528	FS1614	FS2599

Accessories

	D _c [inch]	2-3
	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		M		S	
					HC	WSP45G	HC	WSM45X	HC	WSM45X
	LNHX120604R-L65T	4	0,016		☑	☑	☑	☑	☑	☑
	LNHX120604R-L65W	4	0,016	0,059	☑	☑	☑	☑	☑	☑
	XNHX130608R-L65T	2	0,031	0,079	☑	☑	☑	☑	☑	☑
	XNHX130612R-L65T	H	0,047	0,079	☑	☑	☑	☑	☑	☑
	XNHX130616R-L65T	H	0,063	0,079	☑	☑	☑	☑	☑	☑
	XNHX130620R-L65T	H	0,079	0,079	☑	☑	☑	☑	☑	☑
	XNHX130624R-L65T	H	0,094	0,079	☑	☑	☑	☑	☑	☑
	XNHX130630R-L65T	H	0,118	0,055	☑	☑	☑	☑	☑	☑
	XNHX130632R-L65T	H	0,126	0,051	☑	☑	☑	☑	☑	☑
	XNHX130640R-L65T	H	0,157	0,020	☑	☑	☑	☑	☑	☑
	XNHX130608R-L65W	H	0,031	0,079	☑	☑	☑	☑	☑	☑
	XNHX130640R-L65W	H	0,157	0,020	☑	☑	☑	☑	☑	☑

XNHX1306 . . . indexable inserts can only be used as front inserts.

HC = Coated carbide

WALTER SELECT

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

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

Slot milling cutters D 621

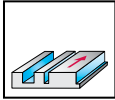
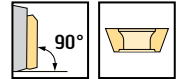
Slotting cutters for slot milling

F2252

AD . T0803 .. R



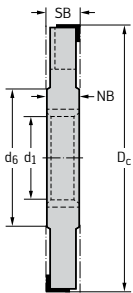
- Cross-toothed, cuts on three sides
- 2 cutting edges per indexable insert



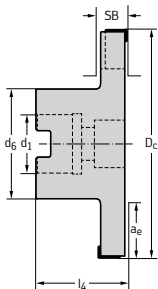
	P	M	K	N	S	H	O
F2252	●	●	●	●	●		●

Tool

Designation	D _c mm	d ₁ mm	d ₆ mm	SB _{min} mm	SB _{max} mm	NB mm	a _e mm	Z	No. of inserts	Type
F2252.B.100.Z04.12.S724	100	32	50	12	14	12	24	4	4 / 4	AD . T0803 .. R
F2252.B.100.Z04.14.S724	100	32	50	14	16	14	24	4	4 / 4	
F2252.B.125.Z05.12.S724	125	40	65	12	14	12	28	5	5 / 5	
F2252.B.125.Z05.14.S724	125	40	65	14	16	14	28	5	5 / 5	
F2252.B.160.Z06.12.S724	160	40	65	12	14	12	46	6	6 / 6	
F2252.B.160.Z06.14.S724	160	40	65	14	16	14	46	6	6 / 6	
F2252.BN.100.Z04.12.S724	100	27	48	12	14		24	4	4 / 4	AD . T0803 .. R
F2252.BN.100.Z04.14.S724	100	27	48	14	16		24	4	4 / 4	
F2252.BN.125.Z05.12.S724	125	32	60	12	14		30	5	5 / 5	
F2252.BN.125.Z05.14.S724	125	32	60	14	16		30	5	5 / 5	
F2252.BN.160.Z06.12.S724	160	40	75	12	14		40	6	6 / 6	
F2252.BN.160.Z06.14.S724	160	40	75	14	16		40	6	6 / 6	



Shell mill mount DIN 138 longitudinal keyway



Shell mill mount DIN 138 transverse keyway

The profile in the base of the groove will vary depending on cutting edge diameter and insert size. | Adjustable cutting width | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type	AD . T0803 . R
Cartridge for right tool body	FR724
Cartridge for left tool body	FL724
Clamping wedge	FK360
Clamping sleeve	FS1167
Eccentric bolt	FS1170 (SW 3)
Spring washer	FS1220
Clamping screw for clamping wedge Tightening torque	FS239 (SW 3) 6,5 Nm
Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm

Accessories

Type	AD . T0803 . R
Clamping screw for finishing insert	FS246 (T8) 1,5 Nm
Cartridge: Right, P2905-. finish insert	FR695
Cartridge: Left, P2905-. finish insert	FL695
Screwdriver	FS1483 (T8IP) / FS230 (T8)
Screwdriver	ISO2936-3 (SW 3)
Keys	FS2001 / FS2003
Torque screwdriver, analogue	FS2248
Torque screwdriver, analogue	FS2041
Torque screwdriver, digital	FS2007 (T8) / FS2012 (T8IP) / FS2050 (SW 3)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M		K		N		S	
					WKP35G	WKP35S	WSP45G	WSP45G	WKP35G	WKP35S	WXN15	WSP45G	HC	HC
ADHT0803PEL-G88	H	2	0,4	1,2										
ADHT0803PER-G88	H	2	0,4	1,2										
ADKT0803PEL-F56	K	2	0,4	1,2										
ADKT0803PER-F56	K	2	0,4	1,2										
ADMT080304L-F56	M	2	0,4	1,2										
ADMT080304R-F56	M	2	0,4	1,2										
ADMT080308L-F56	M	2	0,8	1,2										
ADMT080308R-F56	M	2	0,8	1,2										

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = → Good = → Moderate =

/ * = New addition to the product range

Slot milling cutters D 623

D2

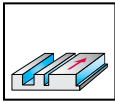
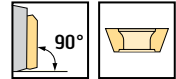
Slotting cutters for slot milling

F2252

AD . T1204 .. R



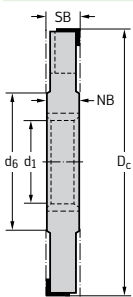
- Cross-toothed, cuts on three sides
- 2 cutting edges per indexable insert



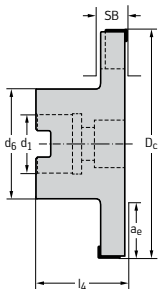
	P	M	K	N	S	H	O
F2252	●	●	●	●	●		●

Tool

Designation	D _c mm	d ₁ mm	d ₆ mm	SB _{min} mm	SB _{max} mm	NB mm	a _e mm	Z	No. of inserts	Type
F2252.B.125.Z04.16.S725	125	40	65	16	19	16	28	4	4 / 4	AD . T1204 .. R
F2252.B.125.Z04.19.S725	125	40	65	19	22	19	28	4	4 / 4	
F2252.B.160.Z05.16.S725	160	40	65	16	19	16	46	5	5 / 5	
F2252.B.160.Z05.19.S725	160	40	65	19	22	19	46	5	5 / 5	
F2252.B.200.Z06.16.S725	200	50	75	16	19	16	61	6	6 / 6	
F2252.B.200.Z06.19.S725	200	50	75	19	22	19	61	6	6 / 6	
F2252.BN.125.Z04.16.S725	125	32	60	16	19		30	4	4 / 4	AD . T1204 .. R
F2252.BN.125.Z04.19.S725	125	32	60	19	22		30	4	4 / 4	
F2252.BN.160.Z05.16.S725	160	40	75	16	19		40	5	5 / 5	
F2252.BN.160.Z05.19.S725	160	40	75	19	22		40	5	5 / 5	
F2252.BN.200.Z06.16.S725	200	40	90	16	19		50	6	6 / 6	
F2252.BN.200.Z06.19.S725	200	40	90	19	22		50	6	6 / 6	



Shell mill mount DIN 138 longitudinal keyway



Shell mill mount DIN 138 transverse keyway

The profile in the base of the groove will vary depending on cutting edge diameter and insert size. | Adjustable cutting width | Bodies and assembly parts are included in the scope of delivery

Assembly parts		
Type	AD . T1204 . R	
	Cartridge for right tool body	FR725
	Cartridge for left tool body	FL725
	Clamping wedge	FK359
	Clamping sleeve	FS1168
	Eccentric bolt	FS1171 (SW 4)
	Spring washer	FS1221
	Clamping screw for clamping wedge Tightening torque	FS1162 (SW 4) 9 Nm
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm

Accessories		
Type	AD . T1204 . R	
	Clamping screw for finishing insert	FS260 (T20) 5 Nm
	Cartridge: Right, P2905-. finish insert	FR696
	Cartridge: Left, P2905-. finish insert	FL696
	Screwdriver	FS1484 (T9IP) / FS228 (T20)
	Screwdriver	ISO2936-2,5 (SW 2,5) / ISO2936-4 (SW 4)
	Keys	FS2003
	Keys	FS2248
	Torque screwdriver, analogue	FS2041
	Torque screwdriver, digital	SD2000-2.5 SW (SW 2,5) / FS2051 (SW 4) / FS2013 (T9IP) / FS2044 (T20)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M		K		N		S	
					HC		HC		HC		HC		HC	
					WKP35G	WKP35S	WSP45G	WSP45G	WKP35G	WKP35S	WXN15	WSP45G		
	ADHT120416L-G88	H	2	1.6	1									
	ADHT120416R-G88	H	2	1.6	1									
	ADHT120430L-G88	H	2	3	0.8									
	ADHT1204PEL-G88	H	2	0.8	1.2									
	ADHT1204PER-G88	H	2	0.8	1.2									
	ADKT1204PEL-F56	K	2	0.8	1.2									
	ADKT1204PER-F56	K	2	0.8	1.2									
	ADMT120408L-F56	M	2	0.8	1.2									
	ADMT120408R-F56	M	2	0.8	1.2									
	ADMT120416L-F56	M	2	1.6	1									
	ADMT120416R-F56	M	2	1.6	1									
	ADMT120425L-F56	M	2	2.5	0.8									
	ADMT120425R-F56	M	2	2.5	0.8									
	ADMT120430L-F56	M	2	3	0.8									
	ADMT120430R-F56	M	2	3	0.8									
	ADMT120440L-F56	M	2	4	0.4									
	ADMT120440R-F56	M	2	4	0.4									

HC = Coated carbide

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

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

D2

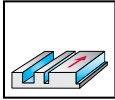
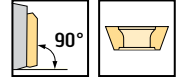
Slotting cutters for slot milling

F2252

AD . T1606 .. R



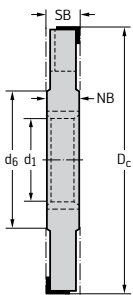
- Cross-toothed, cuts on three sides
- 2 cutting edges per indexable insert



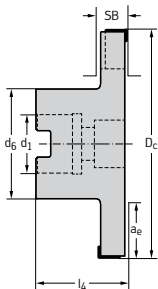
	P	M	K	N	S	H	O
F2252	●	●	●	●	●		●

Tool

Designation	D _c mm	d ₁ mm	d ₆ mm	SB _{min} mm	SB _{max} mm	NB mm	a _e mm	Z	No. of inserts	Type
F2252.B.125.Z04.22.S726	125	40	65	22	25	22	28	4	4 / 4	AD . T1606 .. R
F2252.B.160.Z05.22.S726	160	40	65	22	25	22	46	5	5 / 5	
F2252.B.200.Z06.22.S726	200	50	75	22	25	22	61	6	6 / 6	
F2252.BN.125.Z04.22.S726	125	32	60	22	25		30	4	4 / 4	AD . T1606 .. R
F2252.BN.160.Z05.22.S726	160	40	75	22	25		40	5	5 / 5	
F2252.BN.200.Z06.22.S726	200	40	90	22	25		50	6	6 / 6	



Shell mill mount DIN 138 longitudinal keyway



Shell mill mount DIN 138 transverse keyway

The profile in the base of the groove will vary depending on cutting edge diameter and insert size. | Adjustable cutting width | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts		
Type	AD . T1606 . R	
	Cartridge for right tool body	FR726
	Cartridge for left tool body	FL726
	Clamping wedge	FK359
	Clamping sleeve	FS1168
	Eccentric bolt	FS1171 (SW 4)
	Spring washer	FS1221
	Clamping screw for clamping wedge Tightening torque	FS1162 (SW 4) 9 Nm
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm

Accessories		
Type	AD . T1606 . R	
	Clamping screw for finishing insert	FS260 (T20) 5 Nm
	Cartridge: Right, P2905-. finish insert	FR696
	Cartridge: Left, P2905-. finish insert	FL696
	Screwdriver	FS1485 (T15IP) / FS228 (T20)
	Screwdriver	ISO2936-2,5 (SW 2,5) / ISO2936-4 (SW 4)
	Keys	FS2003
	Keys	FS2248
	Torque screwdriver, analogue	FS2041
	Torque screwdriver, digital	SD2000-2.5 SW (SW 2,5) / FS2051 (SW 4) / FS2014 (T15IP) / FS2044 (T20)

Indexable inserts													
Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M	K	N	S			
					HC	HC	HC	HC	HC				
						WKP35G	WKP35S	WSP45G	WSP45G	WKP35G	WKP35S	WXN15	WSP45G
ADHT160616L-G88	H	2	1,6	1,4									
ADHT160616R-G88	H	2	1,6	1,4									
ADHT1606PEL-G88	H	2	0,8	1,6									
ADHT1606PER-G88	H	2	0,8	1,6									
ADKT1606PEL-F56	K	2	0,8	1,6									
ADKT1606PER-F56	K	2	0,8	1,6									
ADMT160608L-F56	M	2	0,8	1,6									
ADMT160608R-F56	M	2	0,8	1,6									
ADMT160616L-F56	M	2	1,6	1,4									
ADMT160616R-F56	M	2	1,6	1,4									
ADMT160625L-F56	M	2	2,5	1,2									
ADMT160625R-F56	M	2	2,5	1,2									
ADMT160630L-F56	M	2	3	1,2									
ADMT160630R-F56	M	2	3	1,2									
ADMT160640L-F56	M	2	4	1									
ADMT160640R-F56	M	2	4	1									

HC = Coated carbide

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

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

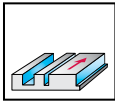
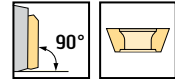
Slot milling cutters D 627

D2

Slotting cutters for slot milling

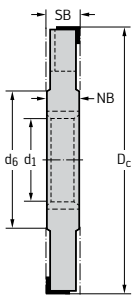
F2252 mm


- Cross-toothed, cuts on three sides
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2252	●	●	●	●	●		●

Tool



Shell mill mount DIN 138 longitudinal keyway

Designation	D _c mm	d ₁ mm	d ₆ mm	SB _{min} mm	SB _{max} mm	NB mm	a _e mm	Z	No. of inserts	Type
F2252.B.080.Z03.08.S684	80	22	37	8	9	8	20	3	3 / 3	MP . X060304
F2252.B.080.Z03.09.S684	80	22	37	9	10	9	20	3	3 / 3	
F2252.B.100.Z04.08.S684	100	32	50	8	9	8	24	4	4 / 4	
F2252.B.100.Z04.09.S684	100	32	50	9	10	9	24	4	4 / 4	
F2252.B.100.Z04.10.S685	100	32	50	10	12	10	24	4	4 / 4	MP . X080305
F2252.B.100.Z04.12.S685	100	32	50	12	14	12	24	4	4 / 4	
F2252.B.100.Z04.14.S685	100	32	50	14	16	14	24	4	4 / 4	
F2252.B.125.Z05.08.S684	125	40	65	8	9	8	28	5	5 / 5	MP . X060304
F2252.B.125.Z05.09.S684	125	40	65	9	10	9	28	5	5 / 5	
F2252.B.125.Z05.10.S685	125	40	65	10	12	10	28	5	5 / 5	MP . X080305
F2252.B.125.Z05.12.S685	125	40	65	12	14	12	28	5	5 / 5	
F2252.B.125.Z05.14.S685	125	40	65	14	16	14	28	5	5 / 5	
F2252.B.125.Z04.16.S686	125	40	65	16	19	16	28	4	4 / 4	MP .. 120408
F2252.B.125.Z04.19.S686	125	40	65	19	22	19	28	4	4 / 4	
F2252.B.125.Z04.22.S686	125	40	65	22	23,5	22	28	4	4 / 4	
F2252.B.160.Z06.08.S684	160	40	65	8	9	8	46	6	6 / 6	MP . X060304
F2252.B.160.Z06.09.S684	160	40	65	9	10	9	46	6	6 / 6	
F2252.B.160.Z06.10.S685	160	40	65	10	12	10	46	6	6 / 6	MP . X080305
F2252.B.160.Z06.12.S685	160	40	65	12	14	12	46	6	6 / 6	
F2252.B.160.Z06.14.S685	160	40	65	14	16	14	46	6	6 / 6	
F2252.B.160.Z05.16.S686	160	40	65	16	19	16	46	5	5 / 5	MP .. 120408
F2252.B.160.Z05.19.S686	160	40	65	19	22	19	46	5	5 / 5	
F2252.B.160.Z05.22.S686	160	40	65	22	23,5	22	46	5	5 / 5	
F2252.B.200.Z06.16.S686	200	50	75	16	19	16	61	6	6 / 6	

Adjustable cutting width | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts				
Type	MP . X060304	MP . X080305	MP .. 120408	
	Cartridge for right tool body	FR684	FR685	FR686
	Cartridge for left tool body	FL684	FL685	FL686
	Clamping wedge	FK358	FK360	FK359
	Clamping sleeve	FS1166	FS1167	FS1168
	Eccentric bolt	FS1169 (SW 2,5)	FS1170 (SW 3)	FS1171 (SW 4)
	Spring washer	FS1220	FS1220	FS1221
	Clamping screw for clamping wedge	FS1161 (SW 2,5)	FS239 (SW 3)	FS1162 (SW 4)
	Tightening torque	3,5 Nm	6,5 Nm	9 Nm
	Clamping screw for indexable insert	FS923 (T8)	FS1005 (T8)	FS1029 (T20)
	Tightening torque	0,8 Nm	1,5 Nm	5 Nm

Accessories				
Type	MP . X060304	MP . X080305	MP .. 120408	
	Clamping screw for finishing insert		FS246 (T8) 1,5 Nm	FS260 (T20) 5 Nm
	Cartridge: Right, P2905-. finish insert		FR695	FR696
	Cartridge: Left, P2905-. finish insert		FL695	FL696
	Screwdriver	FS230 (T8)	FS230 (T8)	FS228 (T20)
	Keys	ISO2936-2.5 (SW 2,5)	ISO2936-3 (SW 3)	ISO2936-4 (SW 4)
	Torque screwdriver, analogue	FS2001		
	Torque screwdriver, analogue	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Torque T-handle		FS2041	FS2041
	Interchangeable blade	FS2007 (T8) SD2000-2.5 SW (SW 2,5)	FS2007 (T8) FS2050 (SW 3)	FS2044 (T20) FS2051 (SW 4)

Indexable inserts																									
Designation	Tolerance class	Number of cutting edges	r mm	b mm	P						M			K			N	S	H						
					WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WSP45G	WXM15	WPM15G	WSM35G	WSP45G	WXM15	WAK15	WHH15X	WKP25S	WKP35G	WKP35S	WPM15G	WXM15	WXN15	WSM35G	WSP45G
	MPHX060304-A57	H	2	0,4		☉	☉	☉	☉						☉	☉									
	MPHX060304-G88	H	2	0,4											☉	☉									
	MPMX060304-F57	M	2	0,4			☉	☉	☉																
	MPHX080305-A57	H	2	0,5		☉		☉																	
	MPHX080305-G88	H	2	0,5																					
	MPMX080305-F57	M	2	0,5			☉	☉	☉																
	MPHT120408-G88	H	2	0,8																					
	MPHW120408-A57	H	2	0,8			☉	☉																	
MPMT120408-F57	M	2	0,8			☉	☉	☉																	
	P2905-1	F	4	0,8	10	☉				☉	☉			☉	☉	☉								☉	

HC = Coated carbide

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

☉ ☺ ☹ * = New addition to the product range

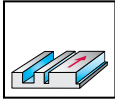
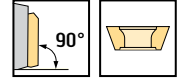
Slot milling cutters D 629

D2

Slotting cutters for slot milling

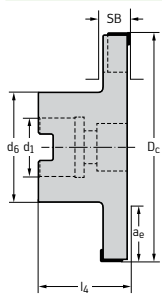
F2252 mm


- Cross-toothed, cuts on three sides
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2252	●	●	●	●	●		●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D _c mm	d ₁ mm	d ₆ mm	SB _{min} mm	SB _{max} mm	a _e mm	Z	No. of inserts	Type
F2252.BN.080.Z03.08.S684	80	22	35	8	9	20	3	3 / 3	MP . X060304
F2252.BN.080.Z03.09.S684	80	22	35	9	10	20	3	3 / 3	
F2252.BN.100.Z04.08.S684	100	27	48	8	9	24	4	4 / 4	
F2252.BN.100.Z04.09.S684	100	27	48	9	10	24	4	4 / 4	MP . X080305
F2252.BN.100.Z04.10.S685	100	27	48	10	12	24	4	4 / 4	
F2252.BN.100.Z04.12.S685	100	27	48	12	14	24	4	4 / 4	
F2252.BN.125.Z05.08.S684	125	32	60	8	9	30	5	5 / 5	MP . X060304
F2252.BN.125.Z05.09.S684	125	32	60	9	10	30	5	5 / 5	MP . X080305
F2252.BN.125.Z05.10.S685	125	32	60	10	12	30	5	5 / 5	
F2252.BN.125.Z05.12.S685	125	32	60	12	14	30	5	5 / 5	
F2252.BN.125.Z05.14.S685	125	32	60	14	16	30	5	5 / 5	MP .. 120408
F2252.BN.125.Z04.16.S686	125	32	60	16	19	30	4	4 / 4	
F2252.BN.125.Z04.19.S686	125	32	60	19	22	30	4	4 / 4	
F2252.BN.125.Z04.22.S686	125	32	60	22	23,5	30	4	4 / 4	MP . X060304
F2252.BN.160.Z06.08.S684	160	40	75	8	9	40	6	6 / 6	
F2252.BN.160.Z06.09.S684	160	40	75	9	10	40	6	6 / 6	
F2252.BN.160.Z06.10.S685	160	40	75	10	12	40	6	6 / 6	MP . X080305
F2252.BN.160.Z06.12.S685	160	40	75	12	14	40	6	6 / 6	
F2252.BN.160.Z06.14.S685	160	40	75	14	16	40	6	6 / 6	
F2252.BN.160.Z05.16.S686	160	40	75	16	19	40	5	5 / 5	MP .. 120408
F2252.BN.160.Z05.19.S686	160	40	75	19	22	40	5	5 / 5	
F2252.BN.160.Z05.22.S686	160	40	75	22	23,5	40	5	5 / 5	
F2252.BN.200.Z06.16.S686	200	40	90	16	19	50	6	6 / 6	
F2252.BN.200.Z06.19.S686	200	40	90	19	22	50	6	6 / 6	
F2252.BN.200.Z06.22.S686	200	40	90	22	23,5	50	6	6 / 6	

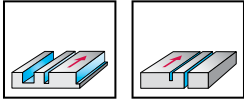
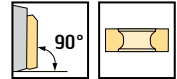
Adjustable cutting width | Bodies and assembly parts are included in the scope of delivery

D2

Slotting cutters for slot milling

F4053
LN . X070204
Xtra-tec®


- Cross-toothed, cuts on three sides
- 2 + 2 cutting edges per indexable insert, tangential arrangement



	P	M	K	N	S	H	O
F4053	●●	●●	●●	●●	●●	●●	●●

Tool	Designation	D _c mm	d ₁ mm	d ₆ mm	NB mm	l ₄ mm	SB mm	a _e mm	Z	No. of inserts	kg	Type
	F4053.B27.080.Z04.04	80	27	42	8		4	18	4	8	0,17	LN . X070204
	F4053.B32.100.Z05.04	100	32	50	8		4	24	5	10	0,26	
	F4053.B40.125.Z06.04	125	40	65	8		4	29	6	12	0,4	
	F4053.B40.160.Z08.04	160	40	65	8		4	46	8	16	0,71	
Shell mill mount DIN 138 longitudinal keyway												
	F4053.BN22.080.Z04.04R	80	22	45		40	4	16	4	8	0,54	LN . X070204
	F4053.BN27.100.Z05.04R	100	27	48		50	4	24	5	10	0,71	
	F4053.BN32.125.Z06.04R	125	32	60		50	4	30	6	12	1,12	
	F4053.BN40.160.Z08.04R	160	40	75		50	4	40	8	16	1,58	
Shell mill mount DIN 138 transverse keyway												

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts		Dc (mm) SB (mm)	80-160 4
	Clamping screw for indexable insert Tightening torque		FS2076 (T6IP) 0,6 Nm

Accessories		Dc (mm) SB (mm)	80-160 4
	Torque screwdriver, analogue		FS2001
	Interchangeable blade		FS2085 (T6IP)
	Screwdriver		FS2086 (T6IP)

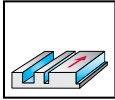
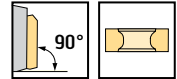
Indexable inserts							
Designation	Tolerance class	Number of cutting edges	r mm	P	M	K	S
				HC	HC	HC	HC
				WKP35S WSP45G	WSM35G WSP45G	WKP35S WSM35G	WSP45G
LNHX070204-F57T	H	4	0,4				
LNMX070204-F57T	M	4	0,4				

HC = Coated carbide

Slotting cutters for slot milling

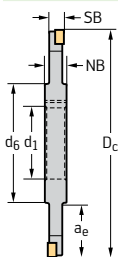
F4153 mm
Xtra-tec®


- Cross-toothed, cuts on three sides
- 2 + 2 cutting edges per indexable insert, tangential arrangement



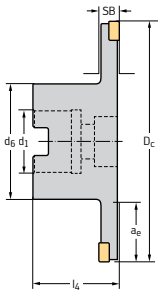
	P	M	K	N	S	H	O
F4153	●	●	●	●	●		

Tool



Shell mill mount DIN 138 longitudinal keyway

Designation	D _c mm	d ₁ mm	d ₆ mm	NB mm	l ₄ mm	SB mm	a _e mm	Z	No. of inserts	kg	Type
F4153.B27.080.Z04.06	80	27	42	12		6	18	4	8	0,24	LN . U080304
F4153.B32.100.Z05.06	100	32	50	12		6	24	5	10	0,36	
F4153.B40.125.Z06.06	125	40	65	12		6	29	6	12	0,59	
F4153.B40.160.Z08.06	160	40	65	12		6	46	8	16	1,02	
F4153.B50.200.Z09.06	200	50	75	12		6	61	9	18	2,67	
F4153.B27.080.Z04.08	80	27	42	12		8	18	4	8	0,27	
F4153.B32.100.Z05.08	100	32	50	12		8	24	5	10	0,43	
F4153.B40.125.Z06.08	125	40	65	12		8	29	6	12	0,66	
F4153.B40.160.Z08.08	160	40	65	12		8	46	8	16	1,21	LN . U100508
F4153.B50.200.Z09.08	200	50	75	12		8	61	9	18	3,11	
F4153.B27.080.Z04.10	80	27	42	12		10	18	4	8	0,3	
F4153.B32.100.Z05.10	100	32	50	12		10	24	5	10	0,45	
F4153.B40.125.Z06.10	125	40	65	12		10	29	6	12	0,75	
F4153.B40.160.Z07.10	160	40	65	12		10	46	7	14	1,32	
F4153.B50.200.Z08.10	200	50	75	12		10	61	8	16	3,32	LN . U080304
F4153.BN22.080.Z04.06R	80	22	45		40	6	16	4	8	0,55	
F4153.BN27.100.Z05.06R	100	27	48		50	6	25	5	10	0,78	
F4153.BN32.125.Z06.06R	125	32	60		50	6	30	6	12	1,23	
F4153.BN40.160.Z08.06R	160	40	75		50	6	40	8	16	1,77	
F4153.BN40.200.Z09.06R	200	40	90		50	6	50	9	18	3,83	
F4153.BN22.080.Z04.08R	80	22	45		40	8	16	4	8	0,58	LN . U080404
F4153.BN27.100.Z05.08R	100	27	48		50	8	25	5	10	0,8	
F4153.BN32.125.Z06.08R	125	32	60		50	8	30	6	12	1,33	
F4153.BN40.160.Z08.08R	160	40	75		50	8	40	8	16	1,98	LN . U100508
F4153.BN40.200.Z09.08R	200	40	90		50	8	50	9	18	2,6	
F4153.BN22.080.Z04.10R	80	22	45		40	10	16	4	8	0,58	
F4153.BN27.100.Z05.10R	100	27	48		50	10	25	5	10	0,87	
F4153.BN32.125.Z06.10R	125	32	60		50	10	30	6	12	1,41	
F4153.BN40.160.Z07.10R	160	40	75		50	10	40	7	14	2,07	
F4153.BN40.200.Z08.10R	200	40	90		50	10	50	8	16	4,44	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

Assembly parts				
	Dc [mm] SB [mm]	80–200 6	80–200 8	80–200 10
	Clamping screw for indexable insert Tightening torque	FS2077 (T9IP) 1,5 Nm	FS2078 (T9IP) 1,5 Nm	FS2080 (T15IP) 2,5 Nm

Accessories				
	Dc [mm] SB [mm]	80–200 6–8	80–200 10	
	Torque screwdriver, analogue	FS2003		FS2003
	Torque screwdriver, digital	FS2248		FS2248
	Interchangeable blade	FS2013 (T9IP)		FS2014 (T15IP)
	Screwdriver	FS1484 (T9IP)		FS1485 (T15IP)

Designation	Tolerance class	Number of cutting edges	r mm	P			M			K			S			
				HC			HC			HC			HC			
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G
LNHU080304-B57T	H	4	0,4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU080304-F57T	H	4	0,4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNMU080304-F57T	M	4	0,4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU080404-B57T	H	4	0,4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU080404-F57T	H	4	0,4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNMU080404-F57T	M	4	0,4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNMU080404-B57T	M	4	0,4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU100508-B57T	H	4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU100508-F57T	H	4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNMU100508-F57T	M	4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNMU100508-B57T	M	4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide

D2

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

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

Slot milling cutters D 635

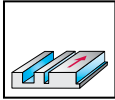
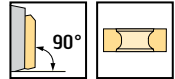
Slotting cutters for slot milling

F4153 inch

Xtra-tec®



- Cross-toothed, cuts on three sides
- 2 + 2 cutting edges per indexable insert, tangential arrangement



	P	M	K	N	S	H	O
F4153	●●	●●	●●	●●	●●	●●	●●

Tool	Designation	D _c inch	d ₁ inch	d ₆ inch	l ₄ inch	SB inch	a _e inch	Z	No. of inserts	lbs	Type
											LN . U080304
	F4153.UBN19.076.Z04.06R	3,000	0,750	1,750	1,500	0,250	0,531	4	8	1,21	LN . U080304
	F4153.UBN26.102.Z05.06R	4,000	1,000	1,876	2,000	0,250	0,965	5	10	1,856	LN . U080304
	F4153.UBN38.152.Z08.06R	6,000	1,500	3,000	2,000	0,250	1,378	8	16	4,012	LN . U080304
	F4153.UBN19.076.Z04.08R	3,000	0,750	1,750	1,500	0,313	0,531	4	8	0,926	LN . U080404
	F4153.UBN26.102.Z05.08R	4,000	1,000	1,876	2,000	0,313	0,965	5	10	1,94	LN . U080404
	F4153.UBN19.076.Z04.10R	3,000	0,750	1,750	1,500	0,375	0,531	4	8	1,241	LN . U100508

Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts		Dc (inch) SB (inch)	3 0,25	3 0,313	3 0,375	4 0,25	4 0,313	6 0,25
	Clamping screw for indexable insert Tightening torque		FS2077 (T9IP) 1,106 lbs	FS2078 (T9IP) 1,106 lbs	FS2080 (T15IP) 1,844 lbs	FS2077 (T9IP) 1,106 lbs	FS2078 (T9IP) 1,106 lbs	FS2077 (T9IP) 1,106 lbs
	Clamping screw for arbour-mounted tools		FS1518	FS1518	FS1518	FS1519	FS1519	FS1583

Accessories		Dc (inch) SB (inch)	3-6 0,25-0,313	3 0,375
	Torque screwdriver, analogue		FS2004	FS2004
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade		FS2013 (T9IP)	FS2014 (T15IP)
	Screwdriver		FS1484 (T9IP)	FS1485 (T15IP)

Designation	Tolerance class	Number of cutting edges	r inch	P			M			K			S			
				HC			HC			HC			HC			
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G
LNHU080304-B57T	H	4	0,016	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU080304-F57T	H	4	0,016	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNMU080304-F57T	M	4	0,016	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU080404-B57T	H	4	0,016	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU080404-F57T	H	4	0,016	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNMU080404-F57T	M	4	0,016	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNMU080404-B57T	M	4	0,016	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU100508-B57T	H	4	0,031	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNHU100508-F57T	H	4	0,031	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNMU100508-F57T	M	4	0,031	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNMU100508-B57T	M	4	0,031	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide

D2

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

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

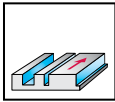
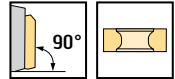
Slotting cutters for slot milling

F4253 mm

Xtra-tec®



- Cross-toothed, cuts on three sides
- 2+2 cutting edges per indexable insert, adjustable runout



	P	M	K	N	S	H	O
F4253	●●	●●	●●	●●	●●	●●	●●

Tool

Designation	D _c mm	d ₁ mm	d ₆ mm	NB mm	l ₄ mm	SB mm	a _e mm	Z	No. of inserts	kg	Type	
F4253.B32.100.Z05.12	100	32	50	12		12	24	5	10	0,57	LN . U080404	
F4253.B40.125.Z06.12	125	40	65	12		12	29	6	12	0,9		
F4253.B40.160.Z07.12	160	40	65	12		12	46	7	14	1,33		
F4253.B50.200.Z08.12	200	50	75	12		12	61	8	16	3,8		
F4253.B32.100.Z05.14	100	32	50	14		14	24	5	10	0,66		
F4253.B40.125.Z06.14	125	40	65	14		14	29	6	12	0,93		
F4253.B40.160.Z07.14	160	40	65	14		14	46	7	14	1,85		
F4253.B50.200.Z08.14	200	50	75	14		14	61	8	16	4,32		
F4253.B40.125.Z05.16	125	40	65	16		16	29	5	10	1,11		LN . U100508
F4253.B40.160.Z06.16	160	40	65	16		16	46	6	12	2,03		
F4253.B50.200.Z07.16	200	50	75	16		16	61	7	14	4,4		LN . U120608
F4253.B40.160.Z06.20	160	40	65	20		20	46	6	12	2,5		
F4253.B50.200.Z07.20	200	50	75	20		20	61	7	14	5,17		
F4253.B60.250.Z08.20	250	60	90	20		20	78	8	16	7,3		
F4253.B40.160.Z06.25	160	40	65	25		25	46	6	12	2,77	LN . U160812	
F4253.B50.200.Z07.25	200	50	75	25		25	61	7	14	6,07		
F4253.B60.250.Z08.25	250	60	90	25		25	78	8	16	8,82		
F4253.B60.315.Z10.25	315	60	90	25		25	110	10	20	13,5		
F4253.BN27.100.Z05.12R	100	27	48		50	12	24	5	10	1	LN . U080404	
F4253.BN32.125.Z06.12R	125	32	60		50	12	30	6	12	1,57		
F4253.BN40.160.Z07.12R	160	40	75		50	12	40	7	14	2,36		
F4253.BN40.200.Z08.12R	200	40	90		50	12	50	8	16	4,91		
F4253.BN27.100.Z05.14R	100	27	48		50	14	24	5	10	1,07		
F4253.BN32.125.Z06.14R	125	32	60		50	14	30	6	12	1,69		
F4253.BN40.160.Z07.14R	160	40	75		50	14	40	7	14	2,57		
F4253.BN40.200.Z08.14R	200	40	90		50	14	50	8	16	5,15		
F4253.BN32.125.Z05.16R	125	32	60		50	16	30	5	10	1,76		LN . U100508
F4253.BN40.160.Z06.16R	160	40	75		50	16	40	6	12	2,71		
F4253.BN40.200.Z07.16R	200	40	90		50	16	50	7	14	5,44		LN . U120608
F4253.BN40.160.Z06.20R	160	40	75		50	20	40	6	12	2,79		
F4253.BN40.200.Z07.20R	200	40	90		50	20	50	7	14	5,92		
F4253.BN60.250.Z08.20R	250	60	135		50	20	55	8	16	9,35	LN . U160812	
F4253.BN40.160.Z06.25R	160	40	75		50	25	40	6	12	3,42		
F4253.BN40.200.Z07.25R	200	40	90		50	25	50	7	14	6,64		
F4253.BN60.250.Z08.25R	250	60	135		50	25	55	8	16	10,37		

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		100–200 12–14	125–200 16	160–250 20	160–315 25
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 2 Nm	FS1453 (T15IP) 3,5 Nm	FS2081 (T15IP) 4 Nm	FS2112 (T20IP) 5 Nm
	Adjusting screw for runout	FS2082 (T6IP)	FS2083 (T7IP)	FS2083 (T7IP)	FS2113 (T9IP)

Accessories		100–200 12–14	125–250 16–20	160–315 25
	Torque screwdriver, analogue	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver for indexable insert	FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)
	Key for adjusting screw	FS2146 (T6IP)	FS1490 (T7IP)	FS1466 (T9IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	P			M			K			S			
				HC			HC			HC			HC			
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G
LNHU080404-B57T	H	4	0,4	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNHU080404-F57T	H	4	0,4	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNMU080404-B57T	M	4	0,4	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNMU080404-F57T	M	4	0,4	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNHU100508-B57T	H	4	0,8	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNHU100508-F57T	H	4	0,8	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNMU100508-B57T	M	4	0,8	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNMU100508-F57T	M	4	0,8	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNHU120608-B57T	H	4	0,8	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNHU120608-F57T	H	4	0,8	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNMU120608-B57T	M	4	0,8	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNMU120608-F57T	M	4	0,8	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNHU160812-F57T	H	4	1,2	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNMU160812-B57T	M	4	1,2	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNMU160812-F57T	M	4	1,2	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉

HC = Coated carbide

D2

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

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

Slot milling cutters D 639

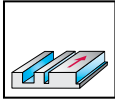
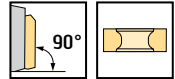
Slotting cutters for slot milling

F4253

Xtra-tec®



- Cross-toothed, cuts on three sides
- 2+2 cutting edges per indexable insert, adjustable runout



	P	M	K	N	S	H	O
F4253	●	●	●	●	●		

Tool	Designation	D _c mm	d ₁ mm	d ₆ mm	NB mm	l ₄ mm	SB mm	a _e mm	Z	No. of inserts	kg	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F4253.BN60.315.Z10.25R	315	60	135		50	25	85	10	20	14,8	LN . U160812

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts		Dc [mm] SB [mm]	100–200 12–14	125–200 16	160–250 20	160–315 25
	Clamping screw for indexable insert Tightening torque		FS2079 (T9IP) 2 Nm	FS1453 (T15IP) 3,5 Nm	FS2081 (T15IP) 4 Nm	FS2112 (T20IP) 5 Nm
	Adjusting screw for runout		FS2082 (T6IP)	FS2083 (T7IP)	FS2083 (T7IP)	FS2113 (T9IP)

Accessories		Dc [mm] SB [mm]	100–200 12–14	125–250 16–20	160–315 25
	Torque screwdriver, analogue		FS2003	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248	FS2248
	Interchangeable blade		FS2013 (T9IP)	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver for indexable insert		FS1484 (T9IP)	FS1485 (T15IP)	FS1486 (T20IP)
	Key for adjusting screw		FS2146 (T6IP)	FS1490 (T7IP)	FS1466 (T9IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	P			M			K			S			
				HC			HC			HC			HC			
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G
LNHU080404-B57T	H	4	0,4	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNHU080404-F57T	H	4	0,4	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNMU080404-B57T	M	4	0,4	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNMU080404-F57T	M	4	0,4	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNHU100508-B57T	H	4	0,8	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNHU100508-F57T	H	4	0,8	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNMU100508-B57T	M	4	0,8	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNMU100508-F57T	M	4	0,8	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNHU120608-B57T	H	4	0,8	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNHU120608-F57T	H	4	0,8	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNMU120608-B57T	M	4	0,8	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNMU120608-F57T	M	4	0,8	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNHU160812-F57T	H	4	1,2	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNMU160812-B57T	M	4	1,2	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
LNMU160812-F57T	M	4	1,2	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉

HC = Coated carbide

D2

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

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

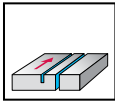
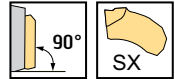
Parting and slitting cutters

F5055

Walter BLAXX



- 1 cutting edge per indexable insert



	P	M	K	N	S	H	O
F5055	●	●	●	●	●		

Tool	Designation	D _c mm	d ₁ mm	d ₆ mm	NB mm	SB mm	a _e mm	Z	No. of inserts	kg	Type
<p>Shell mill mount DIN 138 longitudinal keyway</p>	F5055.B16.063.Z05.1.5	63	16	16	1,2	1,5	15	5	10	0,04	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	0,06	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	0,23		
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	0,64		
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	0,84		
F5055.B40.250.Z24.4.0	250	40	40	3,4	4	83	24	48	1,39		
<p>Shell mill mount DIN 138 longitudinal keyway</p>	F5055R.B50.500.Z40.5.0	500	40	50		5	120	40	80	8,39	SX-5E5

Values for a_e in combination with drive collar | Use mounting wrench FS1494 or FS2249 to fit the indexable insert

Accessories		Dc [mm]	63	63	80	80	80	100	100	125	125	160	200	250	500
		SB [mm]	1,5-2	3-4	1,5	2	3-4	1,5	2-4	1,5	2-4	2-4	3-4	3-4	5
	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	FS1494
	Ergonomic mounting wrench					FS2290 (PINS)	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						M					K	N	S							
			HC						HC					HC	HW	HC							
			WKP235	WSM236	WSM235	WSM336	WSM335	WSM436	WSM435	WSM236	WSM235	WSM336	WSM335	WSM436	WSM435	WKP235	WKL	WSM236	WSM235	WSM336	WSM335	WSM436	WSM435
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														☉							
SX-5E500N03-SE6	5	0,3				☉	☉	☉	☉	☉	☉	☉	☉	☉	☉								
SX-5E500N04-CE4	5	0,4	☉			☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
SX-5E500N04-SF5	5	0,4				☉	☉	☉	☉	☉	☉	☉	☉	☉	☉					☉	☉	☉	☉
SX-5E500N04-SK8	5	0,4														☉							

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

Slot milling cutters D 643

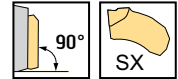
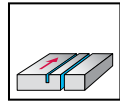
Parting and slitting cutters

F5055

Walter BLAXX



- 1 cutting edge per indexable insert



	P	M	K	N	S	H	O
F5055	●	●	●	●	●		

Tool	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	SX-4E4
	F5055.BN16.063.Z04.4,0R	63	16	35	41	4	15	4	8	0,05	
	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	1,06	
	F5055.BN40.160.Z14.4,0R	160	40	80	64	4	38	14	28	2,23	

Shell mill mount DIN 138 transverse keyway

Use mounting wrench FS1494 or FS2249 to fit the indexable insert | Bodies and assembly parts are included in the scope of delivery

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		FS938 (SW 6)	FS938 (SW 6)	FS939 (SW 8)	FS941 (SW 14)	FS942 (SW 17)
	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		s mm	r mm	P						M						K	N	S					
Designation				HC						HC						HC	HW	HC					
		WKP23S	WSM23G	WSM23S	WSM33G	WSM33S	WSM43G	WSM43S	WSM23G	WSM23S	WSM33G	WSM33S	WSM43G	WSM43S	WKP23S	WK1	WSM23G	WSM23S	WSM33G	WSM33S	WSM43G	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 = Coated carbide
HW = Uncoated carbide

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

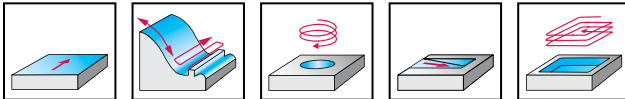
☺ ☺ ☺ / * = New addition to the product range

Slot milling cutters D 645

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	kg	No. of inserts	Type
	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	
	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	
	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	

DIN 1835 B

Bodies and assembly parts are included in the scope of delivery

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)

Indexable inserts

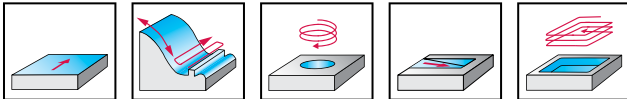
Designation	Tolerance class	Number of cutting edges	d mm	P				M			K				N	S			H			
				HC				HC			HC				HW	HC			HC			
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WK10	WSM35G	WSM35S	WSP45G	WHH15X	
	RDGX0501M0-G88	G	4	5																		
	RDHX0501M0-A57	H	4	5	☺	☹	☹					☺	☹	☹	☹							☺
	RDMX0501M0-D57	M	4	5	☺	☹	☹	☹	☹	☹	☹	☺	☹	☹	☹	☹	☺	☹	☹	☹		

HC = Coated carbide
HW = Uncoated carbide

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	kg	No. of inserts	Type
	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	
	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	
	M5468-015-W16-03-03.5	3,5	15	16	51	100	3,5	3	0,12	3	RD . X07T1M0
DIN 1835 B											

Bodies and assembly parts are included in the scope of delivery

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)

Indexable inserts

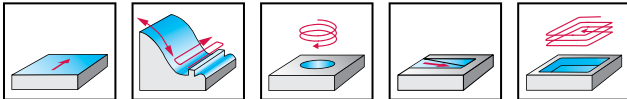
Designation	Tolerance class	Number of cutting edges	d mm	P				M			K				N	S	H	
				HC				HC			HC				HW	HC		HC
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WK10	WSM35G
RDGX07T1M0-G88	G	4	7											☺				
RDHX07T1M0-A57	H	4	7	☺	☺	☺	☺							☺				☺
RDMX07T1M0-D57	M	4	7	☺	☺	☺	☺	☺						☺				☺

HC = Coated carbide
HW = Uncoated carbide

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	kg	No. of inserts	Type
	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	
ScrewFit											
	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	
Cylindrical modular											
	M5468-016-W16-02-04	4	16	16	51	100	4	2	0,13	2	RO . X0803M0
	M5468-016-W16-02-04-XL	4	16	16	81	130	4	2	0,16	2	
	M5468-025-W25-03-04	4	25	25	93	150	4	3	0,45	3	
DIN 1835 B											

Bodies and assembly parts are included in the scope of delivery

D2

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)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	d mm	P					M			K				N		S		H
				HC					HC			HC				HC	HW	HC		HC
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S
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 = Coated carbide
HW = Uncoated carbide

Round insert milling cutters

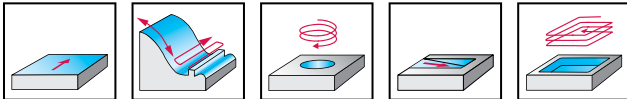
M5468 inch

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 inch	D _a inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
 ★ M5468.026-T22-03-04	0,157	1,000	0,866	1,378		0,157	3	0,207	3	RO . X0803M0
★ M5468.038-T36-04-04	0,157	1,500	1,417	1,575		0,157	4	0,69	4	
ScrewFit 										
 M5468.026-W26-03-04	0,157	1,000	1,000	2,5	4,781	0,157	3	0,805	3	RO . X0803M0
DIN 1835 B										

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _a [inch]	1-1,5
	Clamping screw for indexable insert Tightening torque	FS2078 (T9IP) 1,106 lbs

Accessories

	D _a [inch]	1	1,5
	Torque screwdriver, analogue	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)

Indexable inserts

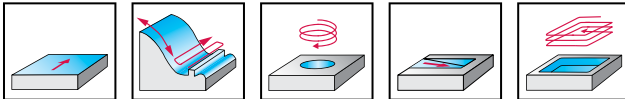
Designation	Tolerance class	Number of cutting edges	d inch	P					M			K				N		S		H
				HC					HC			HC				HC	HW	HC		HC
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S
ROGX0803M04-G88	G	4	0,315											☺	☺					
ROHX0803M04-A57	H	4	0,315	☺	☺	☺	☺							☺	☺	☺	☺			☺
ROHX0803M04-D57	H	4	0,315				☺	☺	☺	☺	☺							☺	☺	
ROHX0803M04-D67	H	4	0,315				☺	☺	☺	☺	☺							☺	☺	
ROMX0803M04-D57	M	4	0,315	☺	☺	☺	☺	☺	☺	☺	☺							☺	☺	

HC = Coated carbide
HW = Uncoated carbide

Round insert milling cutters

M5468 mm
RO . X10T3M0
Xtra-tec® XT


- With indexing surfaces
- 8 cutting edges per indexable insert



M5468	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool

Designation	R mm	D _a mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
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										
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										
M5468-020-W20-02-05	5	20	20	59	110	5	2	0,21	2	RO . X10T3M0
M5468-020-W20-02-05-XL	5	20	20	99	150	5	2	0,29	2	
M5468-032-W32-04-05	5	32	32	114	175	5	4	0,89	4	
DIN 1835 B										
M5468-040-B16-05-05	5	40	16	40		5	5	0,28	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	0,38	6	
Shell mill mount DIN 138 transverse keyway										

Bodies and assembly parts are included in the scope of delivery

D2

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)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	d mm	P				M		K				N		S		H		
				HC				HC		HC				HC	HW	HC		HC		
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X
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 = Coated carbide
HW = Uncoated carbide

Round insert milling cutters

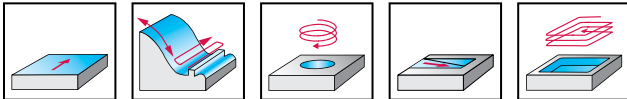
M5468 inch

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 inch	D _a inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>DIN 1835 B</p>	M5468.026-W26-03-05	0,197	1,000	1,000	2,5	4,781	0,197	3	0,825	3	RO . X10T3M0
	M5468.031-W31-04-05	0,197	1,250	1,250	2,5	4,781	0,197	4	1,294	4	
	M5468.038-W31-05-05	0,197	1,500	1,250	2,5	4,781	0,197	5	1,396	5	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5468.051-B19-06-05	0,197	2,000	0,750	1,750		0,197	6	0,597	6	RO . X10T3M0

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _a [inch]	1-1,5	2
	Clamping screw for indexable insert Tightening torque	FS2181 (T15IP) 2,213 lbs	FS2181 (T15IP) 2,213 lbs
	Clamping screw for arbour-mounted tools		FS1518

Accessories

	D _a [inch]	1-2
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

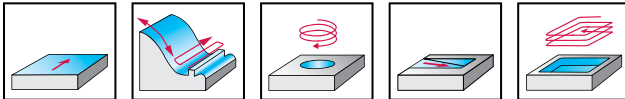
Designation	Tolerance class	Number of cutting edges	d inch	P				M			K				N		S			H	
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WKL0	WSM35G	WSM45X	WSP45G
ROGX10T3M08-G88	G	8	0,394																		
ROHX10T3M08-A57	H	8	0,394	☺	☺	☺	☺					☺	☺	☺	☺	☺					☺
ROMX10T3M08-D57	M	8	0,394		☺	☺	☺	☺				☺	☺	☺	☺					☺	☺
ROMX10T3M08-F67	M	8	0,394					☺	☺	☺									☺	☺	☺
ROMX10T3M0T8-A27	M	8	0,394		☺	☺	☺					☺	☺	☺	☺						

HC = Coated carbide
HW = Uncoated carbide

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	kg	No. of inserts	Type
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	
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	
M5468-024-W25-02-06	6	24	25	73	130	6	2	0,36	2	RO . X1204M0
M5468-024-W25-02-06-XL	6	24	25	118	175	6	2	0,48	2	
M5468-040-W40-04-06-XL	6	40	40	149	220	6	4	1,62	4	
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	0,87	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 =

D2

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)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	d mm	P				M			K				N		S			H
				HC				HC			HC				HC	HW	HC			HC
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X
ROGX1204M08-G88	G	8	12												☺	☺				
ROHX1204M08-A57	H	8	12	☺	☺	☺	☺							☺	☺	☺	☺	☺		☺
ROMX1204M08-D57	M	8	12		☺	☺	☺	☺											☺	
ROMX1204M08-F67	M	8	12					☺											☺	
ROMX1204M0T8-A27	M	8	12	☺	☺	☺													☺	

HC = Coated carbide
HW = Uncoated carbide

Round insert milling cutters

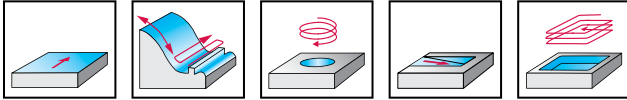
M5468

RO . X1204M0

Xtra-tec® XT

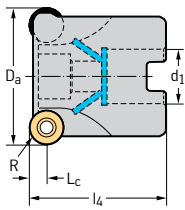


- With indexing surfaces
- 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●	●	●	●	●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	R mm	Da mm	d1 mm	l ₄ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	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

D2

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)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	d mm	P					M		K				N		S		H	
				HC					HC		HC				HC	HW	HC		HC	
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X
ROGX1204M08-G88	G	8	12											☺	☺					
ROHX1204M08-A57	H	8	12	☺	☺	☺	☺			☺	☺	☺	☺							☺
ROMX1204M08-D57	M	8	12		☺	☺	☺	☺		☺	☺	☺	☺							
ROMX1204M08-F67	M	8	12					☺		☺	☺	☺	☺							
ROMX1204M0T8-A27	M	8	12	☺	☺	☺	☺			☺	☺	☺	☺							

HC = Coated carbide
HW = Uncoated carbide

Round insert milling cutters

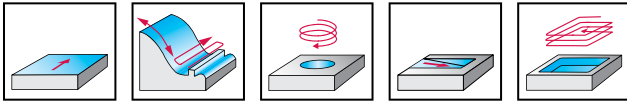
M5468 inch

RO . X1204M0

Xtra-tec® XT



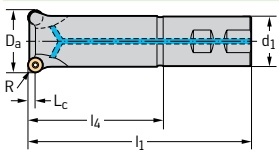
- With indexing surfaces
- 8 cutting edges per indexable insert



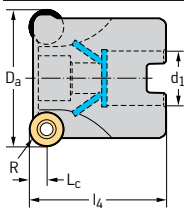
	P	M	K	N	S	H	O
M5468	●	●	●	●	●	●	●

Tool

Designation	R inch	D _a inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
M5468.038-W31-04-06	0,236	1,500	1,250	2,5	4,781	0,236	4	1,376	4	RO . X1204M0
M5468.051-B19-06-06	0,236	2,000	0,750	1,750		0,236	6	0,575	6	RO . X1204M0
M5468.064-B26-07-06	0,236	2,500	1,000	2,000		0,236	7	1,076	7	
M5468.076-B26-08-06	0,236	3,000	1,000	2,000		0,236	8	1,742	8	
M5468.102-B38-08-06	0,236	4,000	1,500	2,500		0,236	8	4,242	8	



DIN 1835 B



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _a [inch]	1,5	2	2,5-3	4
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 2,581 lbs	FS1453 (T15IP) 2,581 lbs	FS1453 (T15IP) 2,581 lbs	FS1453 (T15IP) 2,581 lbs
	Clamping screw for arbour-mounted tools		FS1518	FS1519	FS1583

Accessories

	D _a [inch]	1,5-4
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

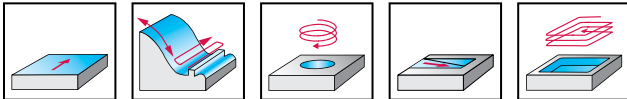
Designation	Tolerance class	Number of cutting edges	d inch	P					M			K				N		S			H
				HC					HC			HC				HC	HW	HC			HC
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WKL0	WSM35G	WSM45X	WSP45G
	ROGX1204M08-G88	G	8	0,472																	
	ROHX1204M08-A57	H	8	0,472	☺	☺	☺	☺					☺	☺	☺	☺					☺
	ROMX1204M08-D57	M	8	0,472		☺	☺	☺	☺				☺	☺	☺	☺				☺	☺
	ROMX1204M08-F67	M	8	0,472					☺	☺	☺	☺							☺	☺	☺
	ROMX1204M0T8-A27	M	8	0,472		☺	☺	☺					☺	☺	☺						

HC = Coated carbide
HW = Uncoated carbide

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	kg	No. of inserts	Type
 ScrewFit	M5468-032-T28-02-08	8	32	28	40		8	2	0,14	2	RO . X1605M0
	M5468-032-TC16-02-08	8	32	28	40		8	2	0,14	2	RO . X1605M0
 Cylindrical modular	M5468-032-W32-02-08	8	32	32	99	160	8	2	0,74	2	RO . X1605M0
	M5468-032-W32-02-08-XL	8	32	32	159	220	8	2	1,03	2	RO . X1605M0
 DIN 1835 B	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	RO . X1605M0
	M5468-063-B22-05-08	8	63	22	50		8	5	0,49	5	RO . X1605M0
	M5468-063-B22-06-08	8	63	22	50		8	6	0,49	6	RO . X1605M0
	M5468-066-B27-05-08	8	66	27	50		8	5	0,57	5	RO . X1605M0
	M5468-066-B27-06-08	8	66	27	50		8	6	0,66	6	RO . X1605M0
	M5468-080-B27-06-08	8	80	27	50		8	6	0,82	6	RO . X1605M0
	M5468-080-B27-07-08	8	80	27	50		8	7	0,84	7	RO . X1605M0
	M5468-100-B32-07-08	8	100	32	50		8	7	1,43	7	RO . X1605M0
	M5468-125-B40-08-08	8	125	40	63		8	8	2,79	8	RO . X1605M0

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

D2

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)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	d mm	P					M		K				N		S		H
				HC					HC		HC				HC	HW	HC		HC
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G
ROGX1605M08-G88	G	8	16																
ROHX1605M08-A57	H	8	16	☺	☺	☺	☺			☺	☺	☺	☺						☺
ROMX1605M08-D57	M	8	16		☺	☺	☺	☺			☺	☺	☺						
ROMX1605M08-F67	M	8	16					☺	☺										
ROMX1605M0T8-A27	M	8	16		☺	☺	☺	☺			☺	☺	☺						

HC = Coated carbide
HW = Uncoated carbide

Round insert milling cutters

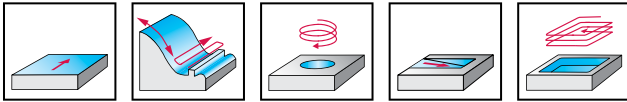
M5468 inch

RO . X1605M0

Xtra-tec® XT

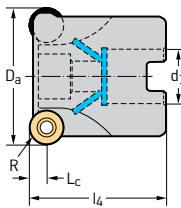


- With indexing surfaces
- 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●	●	●	●	●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	R inch	Da inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
M5468.064-B26-06-08	0,315	2,500	1,000	2,000	0,315	6	1,023	6	RO . X1605M0
M5468.076-B26-07-08	0,315	3,000	1,000	2,000	0,315	7	1,642	7	
M5468.102-B38-07-08	0,315	4,000	1,500	2,500	0,315	7	4,043	7	
M5468.127-B38-08-08	0,315	5,000	1,500	2,500	0,315	8	5,849	8	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _a [inch]	2,5-3	4-5
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 3,688 lbs	FS1495 (T20IP) 3,688 lbs
	Clamping screw for arbour-mounted tools	FS1519	FS1583

Accessories

	D _a [inch]	2,5-5
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

Indexable inserts

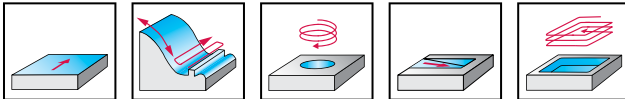
Designation	Tolerance class	Number of cutting edges	d inch	P				M			K				N		S			H
				HC				HC			HC				HC	HW	HC			HC
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WKL0	WSM35G	WSM45X
	ROGX1605M08-G88	G	8	0,630																
	ROHX1605M08-A57	H	8	0,630	☺	☺	☺	☺					☺	☺	☺	☺				☺
	ROMX1605M08-D57	M	8	0,630		☺	☺	☺	☺										☺	☺
	ROMX1605M08-F67	M	8	0,630		☺	☺	☺	☺										☺	☺
	ROMX1605M0T8-A27	M	8	0,630		☺	☺	☺											☺	☺

HC = Coated carbide
HW = Uncoated carbide

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	kg	No. of inserts	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
	M5468-063-B22-05-10	10	63	22	50		10	5	0,42	5	
	M5468-080-B27-05-10	10	80	27	50		10	5	0,96	5	
	M5468-080-B27-06-10	10	80	27	50		10	6	0,73	6	
	M5468-100-B32-06-10	10	100	32	50		10	6	1,43	6	
	M5468-100-B32-07-10	10	100	32	50		10	7	1,43	7	
	M5468-125-B40-07-10	10	125	40	63		10	7	2,89	7	
	M5468-125-B40-08-10	10	125	40	63		10	8	2,84	8	
	M5468-160-B40-08-10	10	160	40	63		10	8	2,67	8	
	M5468-160-B40-10-10	10	160	40	63		10	10	2,76	10	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _a [mm]	40–160
	Clamping screw for indexable insert Tightening torque	FS2614 (T20IP) 5 Nm

Accessories

	D _a [mm]	40	63–160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	d [mm]	P					M			K				N		S		H
				HC					HC			HC				HC	HW	HC		HC
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM35S
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 = Coated carbide
HW = Uncoated carbide

Round insert milling cutters

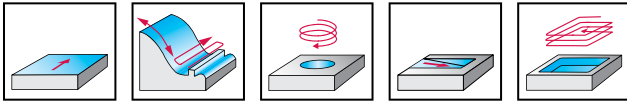
M5468 inch

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 inch	D _a inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	M5468.102-B38-06-10	0,394	4,000	1,500	2,500	0,394	6	3,812	6	RO . X2006M0

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	D _a [inch]	4
	Clamping screw for indexable insert Tightening torque	FS2614 (T20IP) 3,688 lbs

Accessories

	D _a [inch]	4
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

Indexable inserts

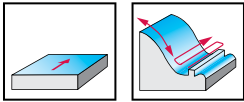
Designation	Tolerance class	Number of cutting edges	d inch	P					M			K				N		S		H
				HC					HC			HC				HC	HW	HC		HC
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S
ROGX2006M08-G88	G	8	0,787											☺	☺					
ROHX2006M08-A57	H	8	0,787	☺	☺	☺	☺							☺	☺					☺
ROHX2006M08-D57	H	8	0,787				☺													
ROHX2006M0T8-A27	H	8	0,787				☺													
ROMX2006M08-D57	M	8	0,787	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺							
ROMX2006M0T8-A27	M	8	0,787	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺							

HC = Coated carbide
HW = Uncoated carbide

Copy milling cutter with round inserts

M2471 mm


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M2471	●●	●●	●	●	●●	●	●

Tool	Designation	R mm	D _a mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
<p>ScrewFit</p>	M2471-025-T22-03-05	5	25	22	35		5	3	0,09	3	RNMX1005M0
	M2471-032-T28-03-06	6	32	28	40		6	3	0,18	3	RNMX1206M0
	M2471-040-T36-04-06	6	40	36	40		6	4	0,31	4	
<p>ScrewFit</p>	M2471-025-A25-03-05-L	5	25	25	60	150	5	3	0,49	3	RNMX1005M0
	M2471-032-A32-04-05	5	32	32	70	131	5	4	0,67	4	
<p>Cylindrical shank</p>	M2471-040-B16-05-05	5	40	16	40		5	5	0,21	5	RNMX1005M0
	M2471-050-B22-06-05	5	50	22	40		5	6	0,35	6	
	M2471-050-B22-05-06	6	50	22	40		6	5	0,45	5	RNMX1206M0
	M2471-052-B22-05-06	6	52	22	40		6	5	0,37	5	
	M2471-063-B22-07-06	6	63	22	40		6	7	0,44	7	
<p>Shell mill mount DIN 138 transverse keyway</p>											

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	RNMX1005M0	RNMX1206M0
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

	Type	RNMX1005M0	RNMX1206M0
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2014 (T15IP)
	Screwdriver	FS1484 (T9IP)	FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	d mm	P		M			S	
				HC		HC			HC	
				WSP45G	WSM35G	WSM35S	WSP45G	WSM35G	WSM35S	WSP45G
	RNMX1005M0-G57	M	8	10						
	RNMX1005M0-K67	M	8	10						
	RNMX1206M0-G57	M	8	12						
	RNMX1206M0-K67	M	8	12						

HC = Coated carbide

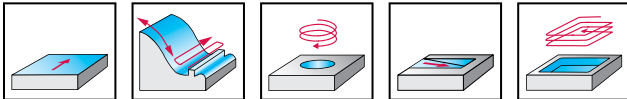
Copy milling cutter with round inserts

M2472

RPGN1204 ..



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M2472					●●		

Tool

	Designation	R mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
	M2472-032-T28-03-06	6,35	32	28	40	6	3	0,18	3	RPGN1204 ..
	M2472-040-T36-04-06	6,35	40	36	40	6	4	0,32	4	
ScrewFit										
	M2472-050-B22-06-06	6,35	50	22	45	6	6	0,4	6	RPGN1204 ..

Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	Type	RPGN1204 ..
	Spannschraube für Klemmkeil Tightening torque	FS1161 (SW 2,5) 3,5 Nm
	Clamping wedge	CW1002-RXGN12

Accessories

	Type	RPGN1204 ..
	Interchangeable blade	SD2000-2.5 SW (SW 2,5)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Allen key	ISO2936-2,5 (SW 2,5)

Indexable inserts

Designation	d mm	α °	S		
			CS		
			WIS10	WIS30	
	RPGN120400E	12,7	11°		
	RPGN120400T01020	12,7	11°		

CS = Uncoated ceramic SIAION

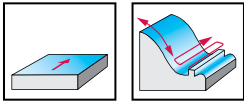
Copy milling cutter with round inserts

M2473

RNGN1207 ..



– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M2473					●●		

Tool	Designation	R mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>ScrewFit</p>	M2473-040-T36-04-06	6,35	40	36	40	6	4	0,31	4	RNGN1207 ..
<p>Shell mill mount DIN 138 transverse keyway</p>	M2473-050-B22-05-06	6,35	50	22	45	6	5	0,39	5	RNGN1207 ..
	M2473-063-B27-06-06	6,35	63	27	50	6	6	0,69	6	

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

	Type	RNGN1207 ..
	Spannschraube für Klemmkeil Tightening torque	FS1161 (SW 2,5) 3,5 Nm
	Clamping wedge	CW1002-RXGN12

Accessories

	Type	RNGN1207 ..
	Interchangeable blade	SD2000-2.5 SW (SW 2,5)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Allen key	ISO2936-2,5 (SW 2,5)

Indexable inserts

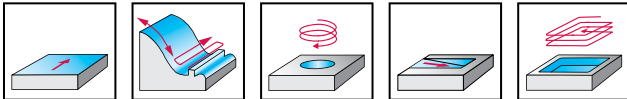
Designation	d mm	S	
		CS	
		WIS10	WIS30
RNGN120700E	12,7		
RNGN120700T01020	12,7		

CS = Uncoated ceramic SIALON

Copy milling cutters with round inserts

F2334R mm


- Reinforced design
- 4 cutting edges per indexable insert, with indexing surfaces




	P	M	K	N	S	H	O
F2334R	●	●	●	●	●	●	●

Tool

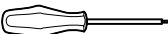


Designation	R mm	D _a mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
F2334R.T22.025.Z03.05	5	25	22	35		5	3	0,1	3	RO . X10T3M0
F2334R.T28.032.Z03.05	5	32	28	40		5	3	0,18	3	
F2334R.T28.032.Z04.05	5	32	28	40		5	4	0,2	4	
F2334R.T36.040.Z04.06	6	40	36	40		6	4	0,34	4	RO . X1204M0
ScrewFit										
F2334R.Z32.032.Z04.05	5	32	32	70	131	5	4	0,66	4	RO . X10T3M0
Cylindrical shank										
F2334R.B16.040.Z04.06	6	40	16	40		6	4	0,22	4	RO . X1204M0
F2334R.B16.040.Z05.05	5	40	16	40		5	5	0,23	5	RO . X10T3M0
F2334R.B16.040.Z05.06	6	40	16	40		6	5	0,21	5	RO . X1204M0
F2334R.B16.040.Z06.05	5	40	16	40		5	6	0,23	6	RO . X10T3M0
F2334R.B22.050.Z05.06	6	50	22	40		6	5	0,32	5	RO . X1204M0
F2334R.B22.050.Z06.06	6	50	22	40		6	6	0,35	6	
F2334R.B22.052.Z05.05	5	52	22	40		5	5	0,34	5	RO . X10T3M0
F2334R.B22.052.Z05.06	6	52	22	40		6	5	0,37	5	RO . X1204M0
F2334R.B22.052.Z06.05	5	52	22	40		5	6	0,35	6	RO . X10T3M0
F2334R.B22.052.Z06.06	6	52	22	40		6	6	0,38	6	RO . X1204M0
F2334R.B22.063.Z07.06	6	63	22	40		6	7	0,59	7	
F2334R.B27.066.Z06.06	6	66	27	50		6	6	0,59	6	
F2334R.B27.066.Z07.06	6	66	27	50		6	7	0,6	7	
F2334R.B27.080.Z07.06	6	80	27	50		6	7	0,97	7	
F2334R.B27.080.Z09.06	6	80	27	50		6	9	0,97	9	
Shell mill mount DIN 138 transverse keyway										

Bodies and assembly parts are included in the scope of delivery


Assembly parts

Type	RO . X10T3M0	RO . X1204M0
 Clamping screw for indexable insert Tightening torque	FS2181 (T15IP) 3 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

Type	RO . X10T3M0	RO . X1204M0
 Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
 Torque screwdriver, analogue	FS2003	FS2003
 Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)

Indexable inserts

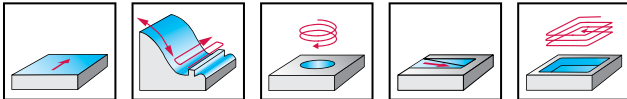
Designation	Tolerance class	Number of cutting edges	d mm	P				M				K		S		
				HC								HC		HC		
				WKP35G	WKP35S	WNP45G	WSP45G	WNP45G	WSM35G	WSM35S	WSM45X	WSP45G	WKP35G	WKP35S	WSM35G	WSM35S
 ROHX10T3M0-D57	H	4	10	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROHX10T3M0-D67	H	4	10	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROHX10T3M0-F67	H	4	10	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROHX10T3M0T-A27	H	4	10	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROMX10T3M0-D57	M	4	10	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROMX10T3M0-D67	M	8	10	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROMX10T3M0-F67	M	4	10	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROHX1204M0-D57	H	4	12	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROHX1204M0-D67	H	4	12	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROHX1204M0-F67	H	4	12	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROHX1204M0T-A27	H	4	12	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROMX1204M0-D57	M	4	12	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROMX1204M0-D67	M	4	12	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROMX1204M0-F67	M	4	12	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide

Copy milling cutters with round inserts

F2334R **inch**


- Reinforced design
- 4 cutting edges per indexable insert, with indexing surfaces



	P	M	K	N	S	H	O
F2334R	●	●	●	●	●	●	●

Tool	Designation	R inch	D _a inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>ScrewFit</p>	F2334R.UT28.031.Z04.05	0,197	1,250	1,102	1,575		0,197	4	0,432	4	RO . X10T3M0
<p>Cylindrical shank</p>	F2334R.UZ31.031.Z04.05	0,197	1,250	1,250	2,750	5,125	0,197	4	1,422	4	RO . X10T3M0
<p>Shell mill mount DIN 138 transverse keyway</p>	F2334R.UB13.038.Z04.06	0,236	1,500	0,500	1,500		0,236	4	0,375	4	RO . X1204M0
	F2334R.UB19.051.Z05.06	0,236	2,000	0,750	1,500		0,236	5	0,758	5	RO . X1204M0
	F2334R.UB19.051.Z06.05	0,197	2,000	0,750	1,500		0,197	6	0,686	6	RO . X10T3M0
	F2334R.UB19.051.Z06.06	0,236	2,000	0,750	1,500		0,236	6	0,717	6	RO . X1204M0
	F2334R.UB26.064.Z07.06	0,236	2,500	1,000	1,750		0,236	7	1,488	7	RO . X1204M0

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

Type	RO . X10T3M0	RO . X1204M0
Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 2,213 lbs	FS1453 (T15IP) 2,581 lbs
Clamping screw for arbour-mounted tools		FS1522

Accessories

Type	RO . X10T3M0	RO . X1204M0
Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
Torque screwdriver, analogue	FS2004	FS2004
Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)

Indexable inserts

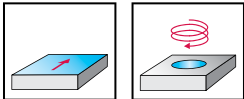
Designation	Tolerance class	Number of cutting edges	d inch	P				M				K		S		
				HC				HC				HC		HC		
				WKP35G	WKP35S	WMP45G	WSP45G	WMP45G	WSM35G	WSM35S	WSM45X	WSP45G	WKP35G	WKP35S	WSM35G	WSM35S
ROHX10T3M0-D57	H	4	0,394	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROHX10T3M0-D67	H	4	0,394	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROHX10T3M0-F67	H	4	0,394	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROHX10T3M0T-A27	H	4	0,394	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROMX10T3M0-D57	M	4	0,394	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROMX10T3M0-D67	M	8	0,394	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROMX10T3M0-F67	M	4	0,394	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROHX1204M0-D57	H	4	0,472	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROHX1204M0-D67	H	4	0,472	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROHX1204M0-F67	H	4	0,472	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROHX1204M0T-A27	H	4	0,472	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROMX1204M0-D57	M	4	0,472	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROMX1204M0-D67	M	4	0,472	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
ROMX1204M0-F67	M	4	0,472	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide

Copy milling cutters with round inserts

F2010 mm
RO . X1605M8


- Adjustable runout
- 8 cutting edges per indexable insert, with indexing surfaces



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.080.Z06.08.R770M	67	83	27	52	8	6	1,29	6	RO . X1605M8
	F2010.B.100.Z07.08.R770M	87	103	32	52	8	7	1,84	7	RO . X1605M8
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.125.Z08.08.R770M	112	128	40	65	8	8	3,56	8	RO . X1605M8
	F2010.B.160.Z10.08.R770M	147	163	40	65	8	10	5,6	10	RO . X1605M8
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.200.Z12.08.R770M	187	203	60	65	8	12	8,71	12	RO . X1605M8
	F2010.B.250.Z12.08.R770M	237	253	60	65	8	12	16,2	12	RO . X1605M8
	F2010.B.250.Z16.08.R770M	237	253	60	65	8	16	16,3	16	RO . X1605M8
	F2010.B.315.Z14.08.R770M	302	318	60	82	8	14	35	14	RO . X1605M8
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.315.Z18.08.R770M	302	318	60	82	8	18	23	18	RO . X1605M8

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts

	D _c [mm]	67-302
	Cartridge for tool body	FR770M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	67-302
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2015 (T20IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1486 (T20IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	d mm	P		M		K			N		S		H						
				HC		HC		HC			HC	HW	HC		HC						
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X	WSP45G
ROGX1605M08-G88	G	8	16		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺							
ROHX1605M08-A57	H	8	16	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺							☺
ROMX1605M08-D57	M	8	16		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺							
ROMX1605M08-F67	M	8	16		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺							
ROMX1605M0T8-A27	M	8	16	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺							

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

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

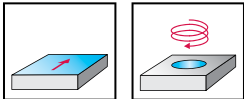
Copy milling cutters

D 683

Copy milling cutters with round inserts

F2010 inch
RO . X1605M8


- Adjustable runout
- 8 cutting edges per indexable insert, with indexing surfaces



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c inch	D _a inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.UB.076.Z06.08R770M	2,488	3,118	1,000	2,038	0,315	6	2,513	6	RO . X1605M8
	F2010.UB.102.Z07.08R770M	3,488	4,118	1,250	2,083	0,315	7	5,732	7	RO . X1605M8
	F2010.UB.127.Z08.08R770M	4,488	5,118	1,500	2,580	0,315	8	7,496	8	
	F2010.UB.152.Z10.08R770M	5,488	6,079	1,500	2,580	0,315	10	13,095	10	
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.UB.203.Z12.08R770M	7,488	8,118	2,500	2,580	0,315	12	23,942	12	RO . X1605M8
	F2010.UB.254.Z12.08R770M	9,488	10,118	2,500	2,580	0,315	12	40,345	12	
	F2010.UB.254.Z16.08R770M	9,488	10,118	2,500	2,580	0,315	16	39,066	16	
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.UB.305.Z18.08R770M	11,488	12,118	2,500	2,580	0,315	18	48,81	18	RO . X1605M8

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts

D _c [inch]		2,488	3,488	4,488–5,488	7,488–11,488
	Cartridge for tool body	FR770M	FR770M	FR770M	FR770M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 3,688 lbs	FS1495 (T20IP) 3,688 lbs	FS1495 (T20IP) 3,688 lbs	FS1495 (T20IP) 3,688 lbs
	Adjusting pin	FS303 (T20)	FS303 (T20)	FS303 (T20)	FS303 (T20)
	Clamping screw for arbour-mounted tools	FS1519	FS1565	FS1566	

Accessories

D _c [inch]		2,488–11,488
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2015 (T20IP)
	Torque T-handle	FS2042
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1486 (T20IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	d inch	P			M			K			N		S			H			
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X	WSP45G
ROGX1605M08-G88	G	8	0,630																		
ROHX1605M08-A57	H	8	0,630	☺	☺	☺	☺					☺	☺	☺	☺	☺					☺
ROMX1605M08-D57	M	8	0,630		☺	☺	☺	☺				☺	☺	☺	☺						
ROMX1605M08-F67	M	8	0,630					☺	☺	☺											
ROMX1605M08-A27	M	8	0,630		☺	☺	☺					☺	☺	☺							

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺ → Good = ☺ → Moderate = ☺

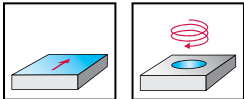
☺ ☺ ☺ / * = New addition to the product range

Copy milling cutters D 685

Copy milling cutters with round inserts

F2010 mm
RO . X1204M8


- Adjustable runout
- 8 cutting edges per indexable insert, with indexing surfaces



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.080.Z06.06.R771M	71	83	27	52	6	6	1,29	6	RO . X1204M8
	F2010.B.100.Z07.06.R771M	91	103	32	52	6	7	1,84	7	RO . X1204M8
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.125.Z08.06.R771M	116	128	40	65	6	8	3,56	8	RO . X1204M8
	F2010.B.160.Z10.06.R771M	151	163	40	65	6	10	5,6	10	RO . X1204M8
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.200.Z12.06.R771M	191	203	60	65	6	12	8,71	12	RO . X1204M8
	F2010.B.250.Z12.06.R771M	241	253	60	65	6	12	16,2	12	RO . X1204M8
	F2010.B.250.Z16.06.R771M	241	253	60	65	6	16	16,3	16	RO . X1204M8
	F2010.B.315.Z14.06.R771M	306	318	60	82	6	14	35	14	RO . X1204M8
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.315.Z18.06.R771M	306	318	60	82	6	18	23	18	RO . X1204M8

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts

	D _c [mm]	71-306
	Cartridge for tool body	FR771M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	71-306
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	d mm	P					M			K					N		S			H
				HC					HC			HC					HC	HW	HC			HC
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X	WSP45G	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 = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

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

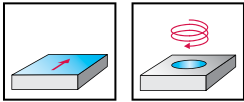
Copy milling cutters

D 687

Copy milling cutters with round inserts

F2010 **inch**
RO . X1204M8


- Adjustable runout
- 8 cutting edges per indexable insert, with indexing surfaces



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c inch	D _a inch	d ₁ inch	l ₄ inch	L _c inch	Z	lbs	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.UB.076.Z06.06R771M	3,646	4,118	1,000	2,038	0,236	6	2,513	6	RO . X1204M8
	F2010.UB.102.Z07.06R771M	2,650	3,122	1,250	2,083	0,236	7	5,732	7	RO . X1204M8
	F2010.UB.127.Z08.06R771M	4,724	5,197	1,500	2,580	0,236	8	7,496	8	
	F2010.UB.152.Z10.06R771M	5,646	6,118	1,500	2,580	0,236	10	13,095	10	
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.UB.203.Z12.06R771M	7,646	8,118	2,500	2,580	0,236	12	23,942	12	RO . X1204M8
	F2010.UB.254.Z12.06R771M	9,646	10,118	2,500	2,580	0,236	12	40,345	12	
	F2010.UB.254.Z16.06R771M	9,646	10,118	2,500	2,580	0,236	16	39,066	16	
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.UB.305.Z18.06R771M	11,646	12,118	2,500	2,580	0,236	18	48,81	18	RO . X1204M8

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts

	D _c [inch]	2,65	3,646	4,724–5,646	7,646–11,646
	Cartridge for tool body	FR771M	FR771M	FR771M	FR771M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs	FS247 (SW 4) 5,9 lbs
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 2,581 lbs	FS1453 (T15IP) 2,581 lbs	FS1453 (T15IP) 2,581 lbs	FS1453 (T15IP) 2,581 lbs
	Adjusting pin	FS303 (T20)	FS303 (T20)	FS303 (T20)	FS303 (T20)
	Clamping screw for arbour-mounted tools	FS1565	FS1519	FS1566	

Accessories

	D _c [inch]	2,65–11,646
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2042
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	d inch	P			M			K			N		S			H			
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X	WSP45G
ROGX1204M08-G88	G	8	0,472																		
ROHX1204M08-A57	H	8	0,472	☺	☺	☺	☺				☺	☺	☺	☺	☺						☺
ROMX1204M08-D57	M	8	0,472		☺	☺	☺	☺			☺	☺	☺	☺							
ROMX1204M08-F67	M	8	0,472					☺													
ROMX1204M0T8-A27	M	8	0,472		☺	☺	☺				☺	☺	☺								

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

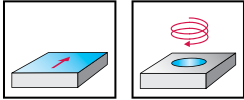
→ Very good = ☺ → Good = ☺ → Moderate = ☺

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

Copy milling cutters with round inserts

F2010 mm
RO . X1605M0


- Adjustable runout
- 6 cutting edges per indexable insert, with indexing surfaces



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.080.Z06.08.R723M	67,3	83,3	27	52	8	6	1,29	6	RO . X1605M0
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.100.Z07.08.R723M	87,3	103,3	32	52	8	7	1,84	7	RO . X1605M0
	F2010.B.125.Z08.08.R723M	112,3	128,3	40	65	8	8	3,56	8	
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.160.Z10.08.R723M	147,3	163,3	40	65	8	10	5,6	10	RO . X1605M0
	F2010.B.200.Z12.08.R723M	187,3	203,3	60	65	8	12	8,71	12	
	F2010.B.250.Z12.08.R723M	237,3	253,3	60	65	8	12	16,2	12	
	F2010.B.250.Z16.08.R723M	237,3	253,3	60	65	8	16	16,3	16	
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.315.Z14.08.R723M	302,3	318,3	60	82	8	14	35	14	RO . X1605M0
	F2010.B.315.Z18.08.R723M	302,3	318,3	60	82	8	18	23	18	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts

	D _c [mm]	67,3–302,3
	Cartridge for tool body	FR723M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1030 (T20) 5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	67,3–302,3
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Interchangeable blade	FS2044 (T20)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	d mm	P			M		K		S	
				HC			HC		HC		HC	
				WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKP35G	WKP35S	WSM35G	WSP45G
ROHX1605M0-D57	H	6	16	☑	☑	☑	☑	☑	☑	☑	☑	
ROHX1605M0-D67	H	6	16	☑	☑	☑	☑	☑	☑	☑	☑	
ROHX1605M0T-A27	H	6	16	☑	☑	☑	☑	☑	☑	☑	☑	
ROMX1605M0-D57	M	6	16	☑	☑	☑	☑	☑	☑	☑	☑	

HC = Coated carbide

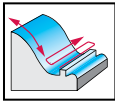
Profile milling cutters

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	kg	No. of inserts	T Nm	Type
M5460-008-T09-02-04	8	4	9,7	20		2	0,01	1	6	P320 . -D08
M5460-010-T09-02-05	10	5	9,7	25		2	0,02	1	6	P320 . -D10
M5460-012-T09-02-06	12	6	9,7	25		2	0,02	1	6	P320 . -D12
M5460-012-T14-02-06	12	6	14,5	25		2	0,02	1	25	
M5460-016-T14-02-08	16	8	14,5	25		2	0,03	1	25	P320 . -D16
M5460-020-T18-02-10	20	10	18,5	30		2	0,05	1	50	P320 . -D20
M5460-025-T22-02-12	25	12,5	22	35		2	0,08	1	80	P320 . -D25
M5460-030-T28-02-15	30	15	28	40		2	0,15	1	150	P320 . -D30
M5460-032-T28-02-16	32	16	28	40		2	0,15	1	150	P320 . -D32
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
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
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

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

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

D2

Assembly parts

D _c [mm]	8	10	12	16	20	25	30-32
	FS2070 (T8IP)	FS2071 (T15IP)	FS2072 (T20IP)	FS2073 (T20IP)	FS2074 (T20IP)	FS2075 (T20IP)	FS2107 (T30IP)
	Tightening torque						
	2 Nm	4 Nm	5 Nm	5 Nm	5 Nm	5 Nm	6 Nm

Accessories

D _c [mm]	8	10	12	16-20	25	30-32
						FS2041
	FS2003	FS2003	FS2003	FS2003	FS2003	
	FS2248	FS2248	FS2248	FS2248	FS2248	FS2248
	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2015 (T20IP)	FS2015 (T20IP)	FS2108 (T30IP)
	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1486 (T20IP)	FS1486 (T20IP)	FS2109 (T30IP)

Indexable inserts

Designation	D _c ^{-0,03} mm	P				M				K			S			H	
		HC				HC				HC			HC			HC	
		WHH15X	WKP25	WKP35	WSP46	WSP46G	WSM36	WSM36G	WSP46	WSP46G	WHH15X	WKP25	WKP35	WSM36	WSM36G	WSP46	WSP46G
	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 = Coated carbide

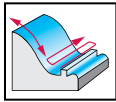
Profile milling cutters

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	kg	No. of inserts	T Nm	Type
<p>Cylindrical shank</p>	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
	M5460-020-A20-02-10-C-L	20	10	20	107	190	2	0,39	1		
	M5460-025-A25-02-12-C	25	12,5	25	77	160	2	0,9	1		P320 . -D25
M5460-025-A25-02-12-C-L	25	12,5	25	167	250	2	1,44	1			

Bodies and assembly parts are included in the scope of delivery

Assembly parts

D _c [mm]	8	10	12	16	20	25	30-32
	FS2070 (T8IP)	FS2071 (T15IP)	FS2072 (T20IP)	FS2073 (T20IP)	FS2074 (T20IP)	FS2075 (T20IP)	FS2107 (T30IP)
	Tightening torque						
	2 Nm	4 Nm	5 Nm	5 Nm	5 Nm	5 Nm	6 Nm

Accessories

D _c [mm]	8	10	12	16-20	25	30-32
						FS2041
	FS2003	FS2003	FS2003	FS2003	FS2003	
	FS2248	FS2248	FS2248	FS2248	FS2248	FS2248
	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2015 (T20IP)	FS2015 (T20IP)	FS2108 (T30IP)
	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1486 (T20IP)	FS1486 (T20IP)	FS2109 (T30IP)

Indexable inserts

Designation	D _c ^{-0.03} mm	P				M				K			S			H	
		HC				HC				HC			HC			HC	
		WHH15X	WKP25	WKP35	WSP46	WSP46G	WSM36	WSM36G	WSP46	WSP46G	WHH15X	WKP25	WKP35	WSM36	WSM36G	WSP46	WSP46G
	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 = Coated carbide

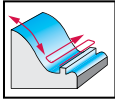
Profile milling cutters

M5460 inch

Xtra-tec® XT



- Steel shank
- Length dimensions related to metric cutting diameters




	P	M	K	N	S	H	O
M5460	●	●	●	●	●	●	●


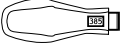

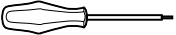
Tool	Designation	D _c inch	R inch	d ₁ inch	l ₄ inch	l ₁ inch	Z	lbs	No. of inserts	Type
 DIN 1835 B	M5460.009-W13-02-05	0,375	0,187	0,500	1,378	5,906	2	0,262	1	P320 . -D09.52
	M5460.013-W15-02-06	0,500	0,250	0,625	2,303	6,299	2	0,430	1	P320 . -D12.7
	M5460.015-W19-02-08	0,625	0,312	0,750	2,559	6,890	2	0,688	1	P320 . -D15.87
	M5460.019-W26-02-10	0,750	0,375	1,000	2,992	7,48	2	1,287	1	P320 . -D19.05
	M5460.026-W31-02-13	1,000	0,500	1,250	3,858	8,268	2	2,18	1	P320 . -D25.4
 Cylindrical shank	M5460.009-A13-02-05	0,375	0,187	0,500	1,307	5,118	2	0,216	1	P320 . -D09.52
	M5460.013-A13-02-06	0,500	0,250	0,500	1,331	5,118	2	0,225	1	P320 . -D12.7
	M5460.015-A15-02-08	0,625	0,312	0,625	1,48	5,512	2	0,384	1	P320 . -D15.87
	M5460.019-A19-02-10	0,750	0,375	0,750	1,807	6,299	2	0,648	1	P320 . -D19.05
	M5460.026-A26-02-13	1,000	0,500	1,000	1,854	6,299	2	1,111	1	P320 . -D25.4

Bodies and assembly parts are included in the scope of delivery


Assembly parts

D _c [inch]	0,375	0,5	0,625	0,75	1
 Clamping screw for indexable insert Tightening torque	FS2071 (T15IP) 2,95 lbs	FS2072 (T20IP) 3,688 lbs	FS2073 (T20IP) 3,688 lbs	FS2074 (T20IP) 3,688 lbs	FS2075 (T20IP) 3,688 lbs

Accessories

D _c [inch]	0,375	0,5-1
 Torque screwdriver, analogue	FS2004	FS2004
 Torque screwdriver, digital	FS2248	FS2248
 Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)
 Screwdriver	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

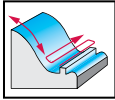
Designation	D _c ^{-0,03} inch	P		M				K	S		H			
		HC	HC	HC	HC	HC	HC	HC	HC	HC				
		WHI15X	WSP46	WSP46G	WSM36	WSM36G	WSP46	WSP46G	WHI15X	WSM36	WSM36G	WSP46	WSP46G	WHI15X
 P3201-D09.52	0,375	☺	☺	☺					☺					☺
P3204-D09.52	0,375	☺	☺	☺		☺	☺	☺	☺		☺	☺	☺	☺
P3201-D12.7	0,500	☺	☺	☺					☺					☺
P3204-D12.7	0,500	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P3201-D15.87	0,625	☺	☺	☺					☺					☺
P3204-D15.87	0,625	☺	☺	☺		☺	☺	☺	☺		☺	☺	☺	☺
P3201-D19.05	0,750	☺	☺	☺					☺					☺
P3204-D19.05	0,750	☺	☺	☺	☺	☺	☺	☺	☺		☺	☺	☺	☺
P3201-D25.4	1,000	☺	☺	☺					☺					☺
P3204-D25.4	1,000	☺	☺	☺		☺	☺	☺	☺		☺	☺	☺	☺

HC = Coated carbide

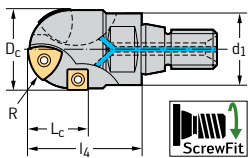
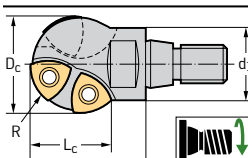
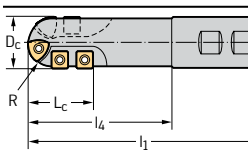
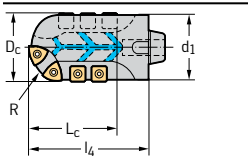
Copy milling cutters

F2239 / F2239B


- With peripheral cutting edges
- 3 or 4 cutting edges per indexable insert




	P	M	K	N	S	H	O
F2239	●●	●●	●●	●●	●●	●●	●●

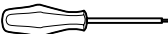

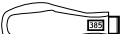


Tool	Designation	D _c mm	R mm	d ₁ mm	l ₄ mm	l ₁ mm	Z	kg	No. of inserts	Type	
 ScrewFit	F2239.T18.020.Z01.15	20	10	18,5	30		1	0,05	2 1	P26315R10 SPM . 060304	
	F2239.T22.025.Z01.18	25	12,5	22	35		1	0,09	2 1	P26315R12 SPM . 060304	
	F2239.T28.030.Z01.23	30	15	28	40		1	0,15	2 1	P26315R15 SPM . 09T308	
	F2239.T28.032.Z01.24	32	16	28	40		1	0,17	2 1	P26315R16 SPM . 09T308	
	F2239.T36.040.Z01.41	40	20	36	65		1	0,42	2 2	P26315R20 SPM . 120408	
	F2239.T45.050.Z01.46	50	25	45	70		1	0,63	3 2	P26315R25 SPM . 120408	
 ScrewFit	F2239B.T14.020.Z01.10	20	10	14,5	25		1	0,04	3	P26315R10	
	F2239B.T18.025.Z01.12	25	12,5	18,5	30		1	0,07	3	P26315R12	
	F2239B.T22.030.Z01.15	30	15	22	40		1	0,11	3	P26315R15	
	F2239B.T22.032.Z01.16	32	16	22	40		1	0,11	3	P26315R16	
	F2239B.T28.040.Z01.20	40	20	28	45		1	0,22	3	P26315R20	
	 DIN 1835 B	F2239.W.020.Z01.25	20	10	20	59	110	1	0,21	2 3	P26315R10 SPM . 060304
F2239.W.025.Z01.28		25	12,5	25	73	130	1	0,42	2 3	P26315R12 SPM . 060304	
F2239.W.032.Z01.38		32	16	32	99	160	1	0,81	2 3	P26315R16 SPM . 09T308	
F2239.W.040.Z01.51		40	20	40	119	190	1	1,49	2 3	P26315R20 SPM . 120408	
 Modular NCT adaptor		F2239.N5.050.Z01.46	50	25	50	70		1	0,6	3 2	P26315R25 SPM . 120408
		F2239.N5.050.Z01.77	50	25	50	105		1	0,88	3 5	
	F2239.N6.063.Z01.53	63	31,5	63	80		1	1,17	3 2	P26315R31 SPM . 120408	
	F2239.N6.063.Z01.84	63	31,5	63	115		1	1,76	3 5		

Bodies and assembly parts are included in the scope of delivery



Assembly parts

D _c [mm]	20	25	30	32	40-63
 Clamping screw for indexable insert Tightening torque	FS1129 (T8) 0,8 Nm	FS923 (T8) 0,8 Nm	FS359 (T15) 2,5 Nm	FS359 (T15) 2,5 Nm	FS1030 (T20) 5 Nm

Accessories

D _c [mm]	20	25	30-32	40	50	63
 Screwdriver for indexable insert	FS230 (T8)	FS230 (T8)	FS229 (T15)	FS228 (T20)	FS228 (T20)	FS228 (T20)
 Torque screwdriver, analogue	FS2001	FS2001	FS2003			
 Torque screwdriver, digital		FS2248	FS2248			
 Torque T-handle				FS2041	FS2041	FS2041
 Interchangeable blade	FS2007 (T8)	FS2007 (T8)	FS2009 (T15)	FS2044 (T20)	FS2044 (T20)	FS2044 (T20)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	P		M		K		S
				HC		HC		HC		HC
				WKP25S	WKP35S	WSP45G	WSP45G	WKP25S	WKP35S	WSP45G
	P26315R10	M	3	0.5	☺	☺	☺	☺	☺	☺
	P26315R12	M	3	0.6	☺	☺	☺	☺	☺	☺
	P26315R15	M	3	0.6	☺	☺	☺	☺	☺	☺
	P26315R16	M	3	0.6	☺	☺	☺	☺	☺	☺
	P26315R20	M	3	0.4	☺	☺	☺	☺	☺	☺
	P26315R25	M	3	1.2	☺	☺	☺	☺	☺	☺
	P26315R31	M	3	0.6	☺	☺	☺	☺	☺	☺
	SPMT060304-D51	M	4	0.4	☺	☺	☺	☺	☺	☺
	SPMT060304-F55	M	4	0.4	☺	☺	☺	☺	☺	☺
	SPMW060304-A57	M	4	0.4	☺	☺	☺	☺	☺	☺
	SPMW060304T-A27	M	4	0.4	☺	☺	☺	☺	☺	☺
	SPMT09T308-D51	M	4	0.8	☺	☺	☺	☺	☺	☺
	SPMT09T308-F55	M	4	0.8	☺	☺	☺	☺	☺	☺
	SPMW09T308-A57	M	4	0.8	☺	☺	☺	☺	☺	☺
	SPMW09T308T-A27	M	4	0.8	☺	☺	☺	☺	☺	☺
	SPMT120408-D51	M	4	0.8	☺	☺	☺	☺	☺	☺
	SPMT120408-F55	M	4	0.8	☺	☺	☺	☺	☺	☺
	SPMW120408-A57	M	4	0.8	☺	☺	☺	☺	☺	☺
	SPMW120408T-A27	M	4	0.8	☺	☺	☺	☺	☺	☺

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

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

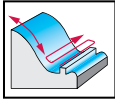
Copy milling cutters

D 699

Copy milling cutters

F2339 mm


- With anti-twist protection
- 2 cutting edges per indexable insert




	P	M	K	N	S	H	O
F2339	●	●	●	●	●	●	●

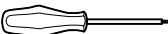
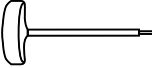





Tool	Designation	D _c mm	R mm	d ₁ mm	l ₄ mm	l ₁ mm	Z	kg	No. of inserts	Type
 ScrewFit	F2339.T14.016.Z02.11	16	8	14,5	25		2	0,03	2	XD . 1303080R
	F2339.T18.020.Z02.15	20	10	18,5	30		2	0,05	2	XD . T16T3100R
	F2339.T22.025.Z02.20	25	12,5	22	35		2	0,09	2	XD . T2004125R
	F2339.T28.030.Z02.24	30	15	28	40		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
 Cylindrical modular	F2339.T45.050.Z02.40	50	25	45	60		2	0,51	2	XD . 4009250R
	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


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)

Tool

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l ₂ mm	α °	R mm	P				M			K			S	
								HC				HC			HC			HC	
								WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S
 XDGT1303079R-D57	G	2	3	13.12	8.5	15°	7.84												
XDGT1303080R-D57	G	2	3	13.12	8.5	15°	8												
XDGT16T3095R-D57	G	2	3.74	15.93	9	15°	9.53												
XDGT16T3100R-D57	G	2	3.74	15.93	9	15°	10												
XDGT2004125R-D57	G	2	4.68	19.94	11.3	15°	12.5												
XDGT2004127R-D57	G	2	4.68	19.94	11.3	15°	12.7												
XDGT2405150R-D57	G	2	5.62	23.94	13.5	15°	15												
XDGT2506160R-D57	G	2	6	25.54	14.4	15°	16												
XDGT3207200R-D57	G	2	7.5	31.95	18	15°	20												
XDGT4009250R-D57	G	2	9.39	39.95	22.5	15°	25												
XDMT1303079R-F55	M	2	3	13.12	8.5	15°	7.92												
XDMT1303080R-F55	M	2	3	13.12	8.5	15°	8												
XDMT16T3095R-F55	M	2	3.74	15.93	9	15°	9.53												
XDMT16T3100R-F55	M	2	3.74	15.93	9	15°	10												
XDMT2004125R-F55	M	2	4.68	19.94	11.3	15°	12.5												
XDMT2004127R-F55	M	2	4.68	19.94	11.3	15°	12.7												
XDMT2405150R-F55	M	2	5.62	23.94	13.5	15°	15												
XDMT2506159R-F55	M	2	6	25.54	14.4	15°	15.88												
XDMT2506160R-F55	M	2	6	25.54	14.4	15°	16												
XDMT3207200R-F55	M	2	7.5	31.95	18	15°	20												
XDMT4009250R-F55	M	2	9.39	39.95	22.5	15°	25												

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺ → Good = ☹ → Moderate = ☹

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

Copy milling cutters D 701

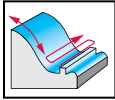
D2

Copy milling cutters

F2339 inch



- With anti-twist protection
- 2 cutting edges per indexable insert




	P	M	K	N	S	H	O
F2339	●	●	●	●	●	●	●

Tool

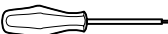
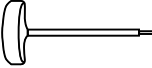




	Designation	D _c inch	R inch	d ₁ inch	l ₄ inch	l ₁ inch	Z	lbs	No. of inserts	Type
<p>ScrewFit</p>	F2339.UT14.015.Z02.11	0,625	0,313	0,571	0,984		2	0,082	2	XD . 1303080R
	F2339.UT18.019.Z02.15	0,750	0,375	0,728	1,181		2	0,099	2	XD . T16T3100R
	F2339.UT22.026.Z02.20	1,000	0,500	0,866	1,378		2	0,172	2	XD . T2004125R
	F2339.UT28.031.Z02.25	1,250	0,625	1,102	1,575		2	0,302	2	XD . T2506160R
	F2339.UT36.038.Z02.31	1,500	0,750	1,417	1,969		2	0,688	2	XD . T3207200R
	F2339.UT45.051.Z02.40	2,000	0,992	1,772	2,362		2	1,005	2	XD . 4009250R
<p>DIN 1835 B</p>	F2339.UW15.015.Z02.11	0,625	0,313	0,625	0,984	2,89	2	0,22	2	XD . 1303080R
	F2339.UW19.019.Z02.15	0,750	0,375	0,750	1,378	3,378	2	0,326	2	XD . T16T3100R
	F2339.UW26.026.Z02.20	1,000	0,500	1,000	1,575	3,825	2	0,642	2	XD . T2004125R

Bodies and assembly parts are included in the scope of delivery


Assembly parts

D _c [inch]	0,625	0,75	1	1,25	1,5	2
 Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 0,885 lbs	FS1013 (T8) 0,738 lbs	FS378 (T15) 2,213 lbs	FS1165 (T20) 4,425 lbs	FS1164 (T25) 7,376 lbs	FS1152 (T30) 7,376 lbs

Accessories

D _c [inch]	0,625	0,75	1	1,25	1,5	2
 Screwdriver for indexable insert	FS1483 (T8IP)	FS230 (T8)	FS229 (T15)			
 Handle key for indexable insert				FS1173 (T20)	FS1174 (T25)	FS1175 (T30)
 Torque screwdriver, analogue	FS2002	FS2002	FS2004			
 Torque screwdriver, digital	FS2248	FS2248	FS2248			
 Torque T-handle				FS2042	FS2042	FS2042
 Interchangeable blade	FS2012 (T8IP)	FS2007 (T8)	FS2009 (T15)	FS2044 (T20)	FS2045 (T25)	FS2046 (T30)

Tool

Designation	Tolerance class	Number of cutting edges	s inch	l inch	l ₂ inch	α°	R inch	P	M	S
								HC	HC	HC
								WSP45G	WSP45G	WSP45G
 XDGT1303079R-D57	G	2	0,118	0,517	0,335	15°	0,309			
XDGT16T3095R-D57	G	2	0,147	0,627	0,354	15°	0,375			
XDGT2004127R-D57	G	2	0,184	0,785	0,445	15°	0,500			
XDGT3207191R-D57	G	2	0,295	1,258	0,709	15°	0,750			
XDGT4009254R-D57	G	2	0,370	1,573	0,886	15°	1,000			
XDMT1303079R-F55	M	2	0,118	0,517	0,335	15°	0,312			
XDMT16T3095R-F55	M	2	0,147	0,627	0,354	15°	0,375			
XDMT2004127R-F55	M	2	0,184	0,785	0,445	15°	0,500			
XDMT2506159R-F55	M	2	0,236	1,006	0,567	15°	0,625			
XDMT3207191R-F55	M	2	0,295	1,258	0,709	15°	0,750			
XDMT4009254R-F55	M	2	0,370	1,573	0,886	15°	1,000			

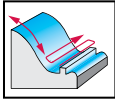
HC = Coated carbide

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	kg	No. of inserts	Type
<p>DIN 1835 B</p>	F2339.W20.016.Z02.24	16	8	20	40	91	2	0,16	2 2	XD . 1303080R SPM . 060304
	F2339.W20.020.Z02.28	20	10	20	50	110	2	0,21	2 2	XD . T16T3100R SPM . 060304
	F2339.W25.025.Z02.32	25	12,5	25	55	130	2	0,4	2 2	XD . T2004125R SPM . 060304
	F2339.W32.030.Z02.42	30	15	32	70	160	2	0,77	2 2	XD . T2405150R SPM . 09T308
	F2339.W32.032.Z02.43	32	16	32	70	160	2	0,79	2 2	XD . T2506160R SPM . 09T308
	F2339.W40.040.Z02.57	40	20	40	90	190	2	1,43	2 2	XD . T3207200R SPM . 120408

A feed of Z = 1 is to be expected at the full cutting depth L_c. | Bodies and assembly parts are included in the scope of delivery

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				M			K		S	
							HC		ND		HC		ND	HC		ND	
							WKP255	WKP35G	WKP355	WSP45G	WSM35G	WSP45G	WSM35G	WKP255	WKP35G	WKP355	WSM35G
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 = Coated carbide
ND =

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

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

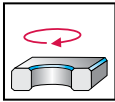
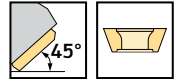
D2

Chamfer milling cutters

M4574



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4574	●	●	●	●	●		

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
	M4574-012-T09-02-03	12	20,3	9,7	20		3,5	2	0,01	2	SDM . 06T204
	M4574-016-T14-03-03	16	24,3	14,5	25		3,5	3	0,04	3	
	M4574-020-T18-02-05	20	32,8	18,5	30		5,5	2	0,09	2	SDM . 09T308
	M4574-025-T22-03-05	25	37,8	22	35		5,5	3	0,13	3	
	M4574-032-T28-03-05	32	44,8	28	40		5,5	3	0,24	3	
	M4574-032-T28-03-07	32	48,6	28	40		7,5	3	0,23	3	SDM . 120408
	M4574-012-TC06-02-03	12	20,3	9,7	20		3,5	2	0,03	2	SDM . 06T204
	M4574-016-TC08-03-03	16	24,3	14,5	25		3,5	3	0,04	3	
	M4574-020-TC10-02-05	20	32,8	18,5	30		5,5	2	0,07	2	SDM . 09T308
	M4574-025-TC12-03-05	32	37,8	22	35		5,5	3	0,12	3	
	M4574-032-TC16-03-05	32	44,8	28	40		5,5	3	0,21	3	
	M4574-032-TC16-03-07	32	48,6	28	40		7,5	3	0,24	3	SDM . 120408
	M4574-008-A12-01-03	8	16,3	12	30	120	3,5	1	0,11	1	SDM . 06T204
	M4574-010-A12-01-03	10	18,3	12	30	120	3,5	1	0,1	1	
	M4574-012-A16-01-05	12	24,8	16	40	160	5,5	1	0,25	1	SDM . 09T308
	M4574-012-A16-02-03	12	20,3	16	40	160	3,5	2	0,22	2	SDM . 06T204
	M4574-016-A16-02-05	16	28,8	16	40	160	5,5	2	0,23	2	SDM . 09T308
	M4574-016-A16-03-03	16	24,3	16	40	160	3,5	3	0,24	3	SDM . 06T204
	M4574-020-A20-02-05	20	32,8	20	40	200	5,5	2	0,46	2	SDM . 09T308
	M4574-025-A25-02-07	25	41,6	25	40	200	7,5	2	0,75	2	SDM . 120408
	M4574-025-A25-03-05	25	37,8	25	40	200	5,5	3	0,75	3	SDM . 09T308
	M4574-032-A32-03-05	32	44,8	32	40	250	5,5	3	1,52	3	
	M4574-032-A32-03-07	32	48,6	32	40	250	7,5	3	1,5	3	SDM . 120408
	M4574-040-A32-03-07	40	56,6	32	40	250	7,5	3	1,63	3	
M4574-040-A32-04-05	40	52,8	32	40	250	5,5	4	1,56	4	SDM . 09T308	

Tools with parallel shank can be shortened depending on the application. | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

Type	SDM . 06T204	SDM . 09T308	SDM . 120408
Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

Type	SDM . 06T204	SDM . 09T308	SDM . 120408
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	P				M			K					N			S	
				HC				HC			HC					DP	HC	HW	HC	
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G
SDHT06T204-G88	H	4	0.4														☺	☺		
SDMT06T204-D51	M	4	0.4	☺	☺	☺	☺			☺										☺
SDMT06T204-D57	M	4	0.4	☺	☺	☺	☺	☺		☺	☺									☺
SDMT06T204-F57	M	4	0.4	☺	☺	☺	☺			☺	☺									☺
SDMW06T204-A57	M	4	0.4	☺	☺	☺														☺
SDHT09T308-G88	H	4	0.8														☺	☺		
SDMT09T308-D51	M	4	0.8	☺	☺	☺	☺													☺
SDMT09T308-D57	M	4	0.8	☺	☺	☺	☺	☺												☺
SDMT09T308-F57	M	4	0.8	☺	☺	☺	☺													☺
SDMW09T308-A57	M	4	0.8	☺	☺	☺														☺
SDHT120408-G88	H	4	0.8														☺	☺		
SDMT120408-D51	M	4	0.8	☺	☺	☺	☺													☺
SDMT120408-D57	M	4	0.8	☺	☺	☺	☺	☺												☺
SDMT120408-F57	M	4	0.8	☺	☺	☺	☺													☺
SDMW120408-A57	M	4	0.8	☺	☺	☺														☺
SDGW120408-A88	G	1	0.8														☺			

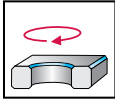
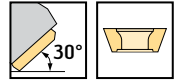
HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

Chamfer milling cutters

M4574



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4574	●	●	●	●	●		

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
<p>Cylindrical shank</p>	M4574-008-A12-01-03-30	8	18,4	12	30	120	2,7	1	0,1	1	SDM . 06T204
	M4574-012-A16-02-03-30	12	22,4	16	40	160	2,7	2	0,23	2	
	M4574-016-A16-03-03-30	16	26,4	16	40	160	2,7	3	0,24	3	
	M4574-020-A20-02-05-30	20	35,3	20	40	200	4	2	0,48	2	SDM . 09T308

M4574...-30 with $\kappa = 30^\circ$ | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

Type	SDM . 06T204	SDM . 09T308
Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm

Accessories

Type	SDM . 06T204	SDM . 09T308
Torque screwdriver, analogue	FS2001	FS2003
Torque screwdriver, digital		FS2248
Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)
Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	P			M			K				N		S		
				HC			HC			HC				HC	HW	HC		
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10
SDHT06T204-G88	H	4	0,4											☺	☺			
SDMT06T204-D51	M	4	0,4	☺	☺	☺	☺											☺
SDMT06T204-D57	M	4	0,4	☺	☺	☺	☺	☺			☺	☺	☺	☺				☺
SDMT06T204-F57	M	4	0,4	☺	☺	☺	☺	☺										☺
SDMW06T204-A57	M	4	0,4	☺	☺	☺	☺											☺
SDHT09T308-G88	H	4	0,8											☺	☺			
SDMT09T308-D51	M	4	0,8	☺	☺	☺	☺											☺
SDMT09T308-D57	M	4	0,8	☺	☺	☺	☺	☺			☺	☺	☺	☺				☺
SDMT09T308-F57	M	4	0,8	☺	☺	☺	☺	☺			☺	☺	☺	☺				☺
SDMW09T308-A57	M	4	0,8	☺	☺	☺	☺											☺

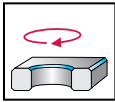
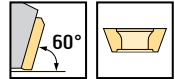
HC = Coated carbide
HW = Uncoated carbide

Chamfer milling cutters

M4574



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4574	●	●	●	●	●		

Tool		Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z	kg	No. of inserts	Type
		M4574-008-A12-01-03-60	8	14,3	12	30	120	4,8	1	0,1	1	SDM . 06T204
		M4574-012-A16-02-03-60	12	18,3	16	40	160	4,8	2	0,23	2	
		M4574-016-A16-03-03-60	16	22,3	16	40	160	4,8	3	0,24	3	
		M4574-020-A20-02-05-60	20	29,5	20	40	200	6,8	2	0,46	2	SDM . 09T308

Cylindrical shank

M4574...-60 with $\kappa = 60^\circ$ | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

Type	SDM . 06T204	SDM . 09T308
Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm

Accessories

Type	SDM . 06T204	SDM . 09T308
Torque screwdriver, analogue	FS2001	FS2003
Torque screwdriver, digital		FS2248
Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)
Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	P			M			K				N		S			
				HC			HC			HC				HC	HW	HC			
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G
SDHT06T204-G88	H	4	0,4												☺	☺			
SDMT06T204-D51	M	4	0,4	☺	☺	☺	☺												☺
SDMT06T204-D57	M	4	0,4	☺	☺	☺	☺	☺			☺	☺	☺	☺					☺
SDMT06T204-F57	M	4	0,4	☺	☺	☺	☺	☺											☺
SDMW06T204-A57	M	4	0,4	☺	☺	☺	☺												☺
SDHT09T308-G88	H	4	0,8												☺	☺			
SDMT09T308-D51	M	4	0,8	☺	☺	☺	☺												☺
SDMT09T308-D57	M	4	0,8	☺	☺	☺	☺	☺			☺	☺	☺	☺					☺
SDMT09T308-F57	M	4	0,8	☺	☺	☺	☺	☺			☺	☺	☺	☺					☺
SDMW09T308-A57	M	4	0,8	☺	☺	☺	☺												☺

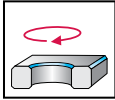
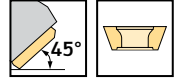
HC = Coated carbide
HW = Uncoated carbide

Chamfer milling cutters

M4574 inch

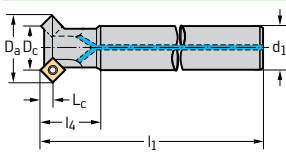


– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4574	●	●	●	●	●	●	●

Tool



Designation	D _c inch	D _a inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	z	lbs	No. of inserts	Type
M4574.013-A15-01-05	0,500	0,976	0,625	1,575	6,299	0,217	1	0,531	1	SDM . 09T308
M4574.019-A19-02-05	0,750	1,224	0,750	1,575	7,874	0,217	2	1,021	2	
M4574.026-A26-03-05	1,000	1,476	1,000	1,575	7,874	0,217	3	1,636	3	
M4574.031-A31-03-05	1,250	1,724	1,250	1,575	9,843	0,217	3	3,245	3	
M4574.038-A38-03-07	1,500	2,154	1,500	1,575	9,843	0,295	3	4,643	3	SDM . 120408

Cylindrical shank

Tools with parallel shank can be shortened depending on the application. | Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type	SDM . 09T308	SDM . 120408
Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 1,475 lbs	FS1453 (T15IP) 2,581 lbs

Accessories

Type	SDM . 09T308	SDM . 120408
Torque screwdriver, analogue	FS2004	FS2004
Torque screwdriver, digital	FS2248	FS2248
Interchangeable blade	FS2268 (T10IP)	FS2014 (T15IP)
Screwdriver	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	P			M			K			N			S			
				HC			HC			HC			DP	HC	HW	HC			
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G
SDHT09T308-G88	H	4	0.031																
SDMT09T308-D51	M	4	0.031	☺	☺	☺	☺												☺
SDMT09T308-D57	M	4	0.031	☺	☺	☺	☺	☺											☺
SDMT09T308-F57	M	4	0.031	☺	☺	☺	☺	☺											☺
SDMW09T308-A57	M	4	0.031	☺	☺	☺	☺	☺											☺
SDHT120408-G88	H	4	0.031																
SDMT120408-D51	M	4	0.031	☺	☺	☺	☺												☺
SDMT120408-D57	M	4	0.031	☺	☺	☺	☺	☺											☺
SDMT120408-F57	M	4	0.031	☺	☺	☺	☺	☺											☺
SDMW120408-A57	M	4	0.031	☺	☺	☺	☺	☺											☺
SDGW120408-A88	G	1	0.031																

HC = Coated carbide
 DP = Polycrystalline diamond
 HW = Uncoated carbide

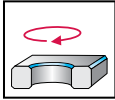
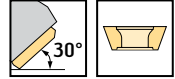
Chamfer milling cutters

M4574 inch

SDM . 09T308



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4574	●	●	●	●	●	●	●

Tool	Designation	D _c inch	D _a inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
	M4574.019-A19-02-05-30	0,750	1,353	0,750	1,575	7,874	0,157	2	1,058	2	SDM . 09T308

Cylindrical shank

M4574...-30 with $\kappa = 30^\circ$ | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

		Type	SDM . 09T308
	Clamping screw for indexable insert Tightening torque		FS2266 (T10IP) 1,475 lbs

Accessories

		Type	SDM . 09T308
	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	P			M			K			N		S		
				HC			HC			HC			HC	HW	HC		
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10
SDHT09T308-G88	H	4	0,031	☺	☺	☺							☺	☺			
SDMT09T308-D51	M	4	0,031	☺	☺	☺	☺										
SDMT09T308-D57	M	4	0,031	☺	☺	☺	☺										
SDMT09T308-F57	M	4	0,031	☺	☺	☺	☺										
SDMW09T308-A57	M	4	0,031	☺	☺	☺	☺										

HC = Coated carbide
HW = Uncoated carbide

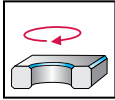
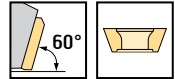
Chamfer milling cutters

M4574 inch

SDM . 09T308



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4574	●	●	●	●	●	●	●

Tool	Designation	D _c inch	D _a inch	d ₁ inch	l ₄ inch	l ₁ inch	L _c inch	Z	lbs	No. of inserts	Type
	M4574.019-A19-02-05-60	0,750	1,124	0,750	1,575	7,874	0,268	2	1,016	2	SDM . 09T308

Cylindrical shank

M4574...-60 with $\kappa = 60^\circ$ | Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

Type		SDM . 09T308
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 1,475 lbs

Accessories

Type		SDM . 09T308
	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	P			M			K			N		S		
				HC			HC			HC			HC	HW	HC		
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10
SDHT09T308-G88	H	4	0,031	☺	☺	☺							☺	☺			
SDMT09T308-D51	M	4	0,031	☺	☺	☺	☺										
SDMT09T308-D57	M	4	0,031	☺	☺	☺	☺										
SDMT09T308-F57	M	4	0,031	☺	☺	☺	☺										
SDMW09T308-A57	M	4	0,031	☺	☺	☺	☺										

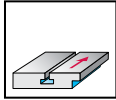
HC = Coated carbide
HW = Uncoated carbide

T-slot milling cutters

M4575 mm

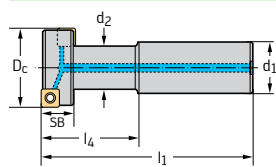


– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4575	●	●	●	●	●		

Tool



Designation	D _c mm	d ₁ mm	d ₂ mm	l ₄ mm	l ₁ mm	SB mm	Z	kg	No. of inserts	
M4575-021-W12-02-09	20,5	12	11	27	73	8,75	2	0,05	2 / 2	SDM . 06T204
M4575-025-W16-02-11	24,5	16	12,1	31	80	10,75	2	0,12	2 / 2	
M4575-032-W20-02-14	31,75	20	17	31	90	13,75	2	0,2	2 / 2	SDM . 09T308
M4575-040-W25-02-17	39,5	25	21	49	106	16,75	2	0,38	2 / 2	
M4575-050-W32-02-21	49,5	32	27	61	122	20,75	2	0,72	2 / 2	SDM . 120408

DIN 1835 B

Bodies and assembly parts are included in the scope of delivery

Assembly parts

		SDM . 06T204	SDM . 09T308	SDM . 120408
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

		SDM . 06T204	SDM . 09T308	SDM . 120408
	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	P				M			K					N			S	
				HC				HC			HC					DP	HC	HW	HC	
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G
SDHT06T204-G88	H	4	0.4																	
SDMT06T204-D51	M	4	0.4	☺	☺	☺	☺			☺										☺
SDMT06T204-D57	M	4	0.4	☺	☺	☺	☺	☺		☺	☺	☺	☺							☺
SDMT06T204-F57	M	4	0.4	☺	☺	☺	☺	☺		☺	☺	☺	☺							☺
SDMW06T204-A57	M	4	0.4	☺	☺	☺					☺	☺	☺							☺
SDHT09T308-G88	H	4	0.8																	
SDMT09T308-D51	M	4	0.8	☺	☺	☺	☺			☺										☺
SDMT09T308-D57	M	4	0.8	☺	☺	☺	☺	☺		☺	☺	☺	☺							☺
SDMT09T308-F57	M	4	0.8	☺	☺	☺	☺	☺		☺	☺	☺	☺							☺
SDMW09T308-A57	M	4	0.8	☺	☺	☺					☺	☺	☺							☺
SDHT120408-G88	H	4	0.8																	
SDMT120408-D51	M	4	0.8	☺	☺	☺	☺			☺										☺
SDMT120408-D57	M	4	0.8	☺	☺	☺	☺	☺		☺	☺	☺	☺							☺
SDMT120408-F57	M	4	0.8	☺	☺	☺	☺	☺		☺	☺	☺	☺							☺
SDMW120408-A57	M	4	0.8	☺	☺	☺					☺	☺	☺							☺
SDGW120408-A88	G	1	0.8																	

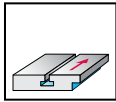
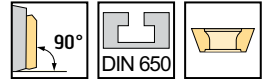
HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

T-slot milling cutters

M4575 inch

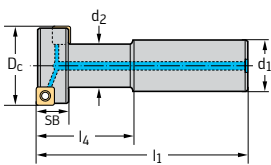


– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4575	●	●	●	●	●	●	●

Tool



Designation	D _c inch	d ₁ inch	d ₂ inch	l ₄ inch	l ₁ inch	SB inch	Z	lbs	No. of inserts	
M4575.019-W19-01-08	0,778	0,750	0,406	1,22	3,252	0,317	1	0,326	1 / 1	SDM . 06T204
M4575.024-W19-02-09	0,949	0,750	0,476	1,406	3,437	0,368	2	0,331	2 / 2	
M4575.031-W26-02-12	1,230	1,000	0,656	1,614	3,895	0,463	2	0,639	2 / 2	SDM . 09T308
M4575.037-W26-02-15	1,447	1,000	0,780	2,126	4,407	0,6	2	0,833	2 / 2	
M4575.047-W31-02-21	1,821	1,250	1,031	2,500	4,781	0,817	2	1,545	2 / 2	SDM . 120408

DIN 1835 B

Bodies and assembly parts are included in the scope of delivery

D2

Assembly parts

		SDM . 06T204	SDM . 09T308	SDM . 120408
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,664 lbs	FS2266 (T10IP) 1,475 lbs	FS1453 (T15IP) 2,581 lbs

Accessories

		SDM . 06T204	SDM . 09T308	SDM . 120408
	Torque screwdriver, analogue	FS2002	FS2004	FS2004
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

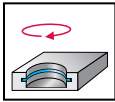
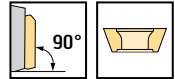
Designation	Tolerance class	Number of cutting edges	r inch	P				M			K					N			S	
				HC				HC			HC					DP	HC	HW	HC	
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G
SDHT06T204-G88	H	4	0,016																	
SDMT06T204-D51	M	4	0,016	☺	☺	☺	☺			☺										☺
SDMT06T204-D57	M	4	0,016	☺	☺	☺	☺	☺		☺	☺	☺	☺							☺
SDMT06T204-F57	M	4	0,016	☺	☺	☺	☺	☺		☺	☺	☺	☺							☺
SDMW06T204-A57	M	4	0,016	☺	☺	☺					☺	☺	☺							☺
SDHT09T308-G88	H	4	0,031																	
SDMT09T308-D51	M	4	0,031	☺	☺	☺	☺			☺										☺
SDMT09T308-D57	M	4	0,031	☺	☺	☺	☺	☺		☺	☺	☺	☺							☺
SDMT09T308-F57	M	4	0,031	☺	☺	☺	☺	☺		☺	☺	☺	☺							☺
SDMW09T308-A57	M	4	0,031	☺	☺	☺					☺	☺	☺							☺
SDHT120408-G88	H	4	0,031																	
SDMT120408-D51	M	4	0,031	☺	☺	☺	☺			☺										☺
SDMT120408-D57	M	4	0,031	☺	☺	☺	☺	☺		☺	☺	☺	☺							☺
SDMT120408-F57	M	4	0,031	☺	☺	☺	☺	☺		☺	☺	☺	☺							☺
SDMW120408-A57	M	4	0,031	☺	☺	☺					☺	☺	☺							☺
SDGW120408-A88	G	1	0,031																	

HC = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

Circular slot milling cutters

F2036 mm


– 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2036	●●		●●				

Tool		Designation	D _c mm	d ₁	l ₄ mm	l ₁ mm	a _{e max} mm	Z	SB _{H13} mm	SB _{H13} mm	No. of inserts	Type
		F2036.5.16.090.016	16	16	42	90	1,75	1	1,1	1,6	1	P20200-1.1 P20200-1.2 P20200-1.3
		F2036.5.25.130.025	25	25	74	130	2	2	1,3	2,15	2	P20200-1.2 P20200-1.3 P20200-1.4 P20200-1.5
DIN 1835 B		F2036.5.32.140.040	40	32	80	140	2,75	4	2,15	3,15	4	P20200-2.1 P20200-2.2 P20200-2.3
		F2036M.0.50.040.063	63	NCT 50	40		4	6	3,15	5,15	6	P20200-3.1 P20200-3.2 P20200-3.3
	Modular NCT adaptor											

*Nominal size of the workpiece's groove width in accordance with DIN 472 in relation to the diameter of the drilled hole | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	16-25	40	63
	Clamping screw for indexable insert Tightening torque	FS322 (T7) 0,8 Nm	FS246 (T8) 1,5 Nm	FS326 (T15) 3 Nm

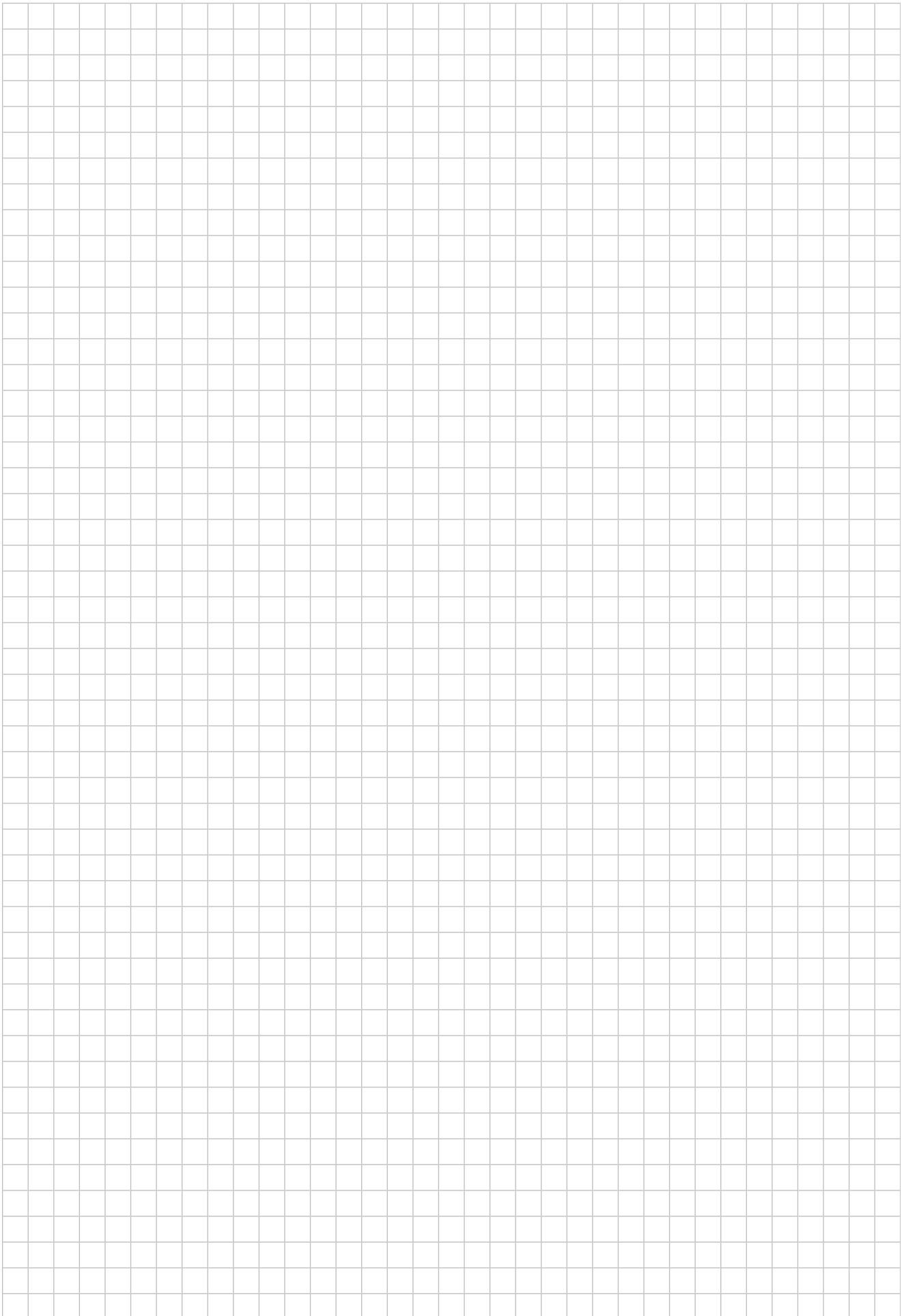
Accessories

	D _c [mm]	16-25	40	63
	Torque screwdriver, analogue	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2006 (T7)	FS2009 (T15)	FS2009 (T15)
	Screwdriver for indexable insert	FS309 (T7)	FS230 (T8)	FS229 (T15)

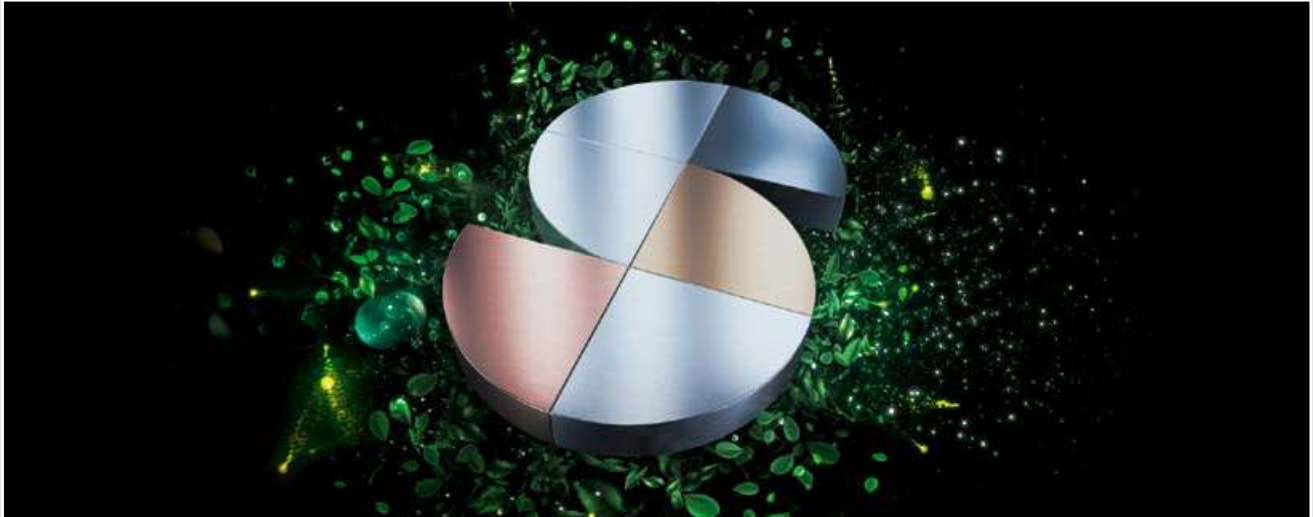
Indexable inserts

Designation	Tolerance class	Number of cutting edges	l mm	b mm	P	K
					HC	HC
					WKP35S	WKP35S
P20200-1.1	H	2	9	0,1		
P20200-1.2	H	2	9	0,2		
P20200-1.3	H	2	9	0,2		
P20200-1.4	H	2	9	0,2		
P20200-1.5	H	2	9	0,2		
P20200-2.1	H	2	12	0,2		
P20200-2.2	H	2	12	0,2		
P20200-2.3	H	2	12	0,2		
P20200-3.1	H	2	18,5	0,2		
P20200-3.2	H	2	18,5	0,2		
P20200-3.3	H	2	18,5	0,2		

HC = Coated carbide



D2



Sustainable products and services – certified and transparent

Walter is a company that takes responsibility for people and the environment. Sustainability is a central component of our corporate strategy. It pervades our products and business divisions and is reviewed and certified by independent third parties on a regular basis.

Proven to be produced to high standards

All processes, procedures, methods and instruments that we use are checked and certified by an independent body according to strict criteria. Occupational health and safety, quality assurance and environmentally friendly actions (e.g. through CO₂ compensation of our energy use) are examples of this. Our social commitment shows that Walter has a broader definition of responsibility.

Transparency throughout the entire process chain – for your peace of mind

The integrated management system at Walter includes the sustainable use of resources and production equipment as well as of people – our customers, partners and employees. So that you can count on all of our products meeting these requirements throughout the entire process chain, we apply our own benchmarks to our suppliers too.

Certification

The integrated management system at Walter includes certification in accordance with:

- ISO 9001 (Quality management)
- ISO 14001 (Environmental management)
- ISO 45001 (Occupational health and safety management)
- ISO 50001 (Energy management)
- Certified according to Ecovadis Gold Standard and NQC rating



You can find more information on Walter certification here:



Occupational health and safety

Walter protects its employees against health hazards. To prevent accidents, we continuously review our processes and take proactive measures as a precaution.



Environmental and energy management

Environmental protection is an important company objective for Walter. We use energy efficiently and deploy practical methods to sustainably reduce the consumption of energy, water and resources.



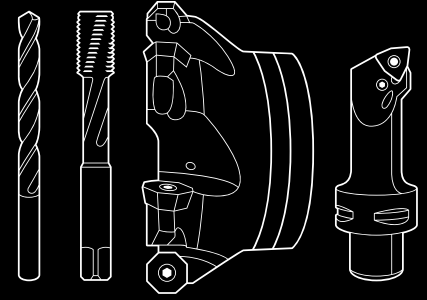
Quality management

Walter is continuously improving its products and processes. We ensure our product quality using effective measures and procedures – and check it on a regular basis with our comprehensive quality management system.

Walter AG

Derendinger Straße 53, 72072 Tübingen
Postfach 2049, 72010 Tübingen
Germany

walter-tools.com



Europe

Walter Austria GmbH

Wien, Österreich
+43 1 5127300-0, service.at@walter-tools.com

Walter Benelux N.V./S.A.

Zaventem, Belgique
(B) +32 (02) 7258500
(NL) +31 (0) 900 26585-22
service.benelux@walter-tools.com

Walter (Schweiz) AG

Solothurn, Schweiz
+41 (0) 32 617 40 72, service.ch@walter-tools.com

Walter CZ s.r.o

Kurim, Czech Republic
+420 (0) 541 423352, service.cz@walter-tools.com

Walter Deutschland GmbH

Tübingen, Deutschland
+49 (0) 7071 701-400, service.de@walter-tools.com

Walter France

Soultz-sous-Forêts, France
+33 (0) 3 88 80 20 00, service.fr@walter-tools.com

Walter Hungária Kft.

Budapest, Magyarország
+36 1 464 7160, service.hu@walter-tools.com

Walter Tools Ibérica S.A.U.

El Prat de Llobregat, España
+34 934 796760, service.iberica@walter-tools.com

Walter Italia s.r.l.

Via Volta, s.n.c., 22071 Cadorago - CO, Italia
+39 031 926-111, service.it@walter-tools.com

Walter Norden AB

Halmstad, Sweden
+46 (0) 35 16 53 00, service.norden@walter-tools.com

Walter Polska Sp. z o.o.

Warszawa, Polska
+48 (0) 22 8520495, service.pl@walter-tools.com

Walter Tools SRL

Timișoara, România
+40 (0) 256 406218, service.ro@walter-tools.com

Walter Tools d.o.o.

Maribor, Slovenija
+386 (2) 629 01 30, service.si@walter-tools.com

Walter Slovakia, s.r.o.

Nitra, Slovakia
+421 (0) 37 3260 910, service.sk@walter-tools.com

Walter Kesici Takımlar Sanayi ve Ticaret Ltd. Şti.

Bursa, Türkiye
+90 (0) 224 909 5000 Pbx, service.tr@walter-tools.com

Walter GB Ltd.

Bromsgrove, England
+44 (1527) 839 450, service.uk@walter-tools.com

Asia

Walter Wuxi Co. Ltd.

Wuxi, Jiangsu, P.R. China
+86 (510) 853 72199, service.cn@walter-tools.com

Walter Wuxi Co. Ltd.

中国江苏省无锡市新区新畅南路 3 号
电话 : +86-510-8537 2199 邮编 : 214028
客服热线 : 400 1510 510
邮箱 : service.cn@walter-tools.com

Walter Tools India Pvt. Ltd.

Pune, India
+91 (20) 6773 7300, service.in@walter-tools.com

Walter Japan K.K.

Nagoya, Japan
+81 (52) 533 6135, service.jp@walter-tools.com

ワルタージャパン株式会社

名古屋市中村区名駅二丁目 45 番 7 号
+81 (0) 52 533 6135, service.jp@walter-tools.com

Walter Korea Ltd.

Anyang-si Gyeonggi-do, Korea
+82 (31) 337 6100, service.wkr@walter-tools.com

한국발터(주)

경기도 안양시 동안구 학의로 282
금강펜테리움 106호 14056
+82 (0) 31 337 6100, service.wkr@walter-tools.com

Walter Malaysia Sdn. Bhd.

Selangor D.E., Malaysia
+60(3)-5624 4265, service.my@walter-tools.com

Walter AG Singapore Pte. Ltd.

+65 6773 6180, service.sg@walter-tools.com

Walter (Thailand) Co., Ltd.

Bangkok, 10120, Thailand
+66 2 687 0388, service.th@walter-tools.com

America

Walter do Brasil Ltda.

Sorocaba – SP, Brasil
+55 15 32245700, service.br@walter-tools.com

Walter Canada

Mississauga, Canada
service.ca@walter-tools.com

Walter Tools S.A. de C.V.

El Marqués, Querétaro, México
+52 (442) 478-3500, service.mx@walter-tools.com

Walter USA, LLC

Greer, SC, USA
+1 800-945-5554, service.us@walter-tools.com