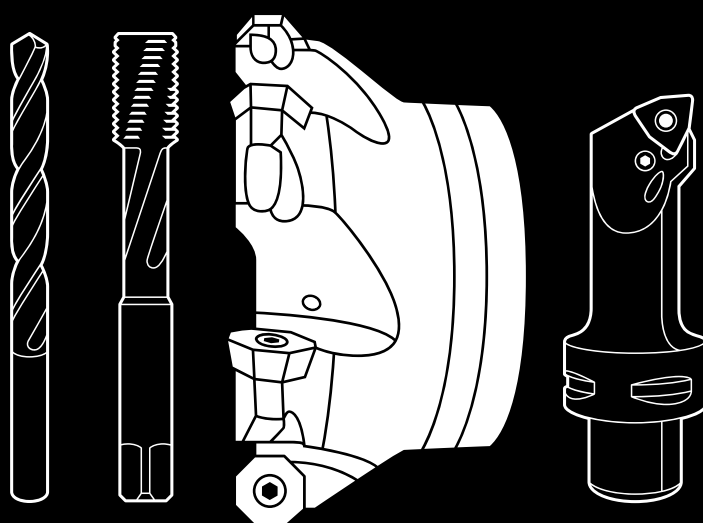


\_ METAL IS OUR WORLD

# 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](http://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](http://walter-tools.com), you can access and order your Walter products quickly and conveniently online – via smartphone, tablet or PC.

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

## Walter online catalogue



### Tool-specific search

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

## Walter GPS



### Application-based search

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

## Walter Innotime®



### Component-based search

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

## Digital ordering methods



**TOOLSHOP**



**EDI B2B**

### Walter TOOLSHOP & EDI

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

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

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	Profiling cutters	D 209
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	<b>Solid carbide milling tools with ConeFit interface</b>	Product range overview
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<b>Brazed milling tools</b>		Product range overview
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<b>D2: Milling tools with indexable inserts</b>		Page
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	Slot milling cutters	D 576
	Copy milling cutters	D 624
	Profiling cutters	D 680

# Technologies at Walter

## **Accure-tec®**

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

## **Drion-tec™**

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

## **Krato-tec™**

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

## **Tiger-tec®Gold**

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

## **Tiger-tec®Silver**

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

## **Thrill-tec™**

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

## **Walter BLAXX**

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

## **Walter Green**

Walter Green: Sustainability and responsible use of resources are central components of our company principles. We use our "Walter Green" seal to show how we implement these principles – such as by offsetting our CO<sub>2</sub> emissions with environmental conservation projects.

## **Walter Xpress**

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

## **Walter Precision XT**

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

## **Walter Boring XT**

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

## **XD Technology**

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

## **Xill-tec®**

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

## **Xtra-tec®**

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

## **Xtra-tec® XT**

Xtra-tec® XT is the latest generation of Walter milling tools. As the “Xtended” Xtra-tec® technology, it offers a completely new perspective on productivity and process reliability. It can cover nearly all milling operations in every common material group: More reliable, productive, cost-efficient than ever before – all while compensating for the CO<sub>2</sub> emissions through Walter Green.

## **X-treme Evo**

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

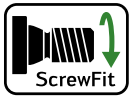
## Technologies at Walter (continued)



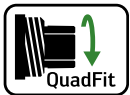
Walter Capto™ is a modular tool adaptor system. It is suitable for all turning, milling, drilling and threading processes. Its ISO-standardised polygon taper absorbs torsional moments and bending moments extremely well and ensures optimal repeat accuracy.



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



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



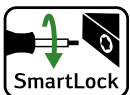
The precision-ground QuadFit interface with taper and support face characterises the precision of the vibration-damped boring bars for turning and thread turning with Walter Accure-tec® technology. The exchangeable head system, which can be rotated by 180°, makes it possible to rapidly replace tools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



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

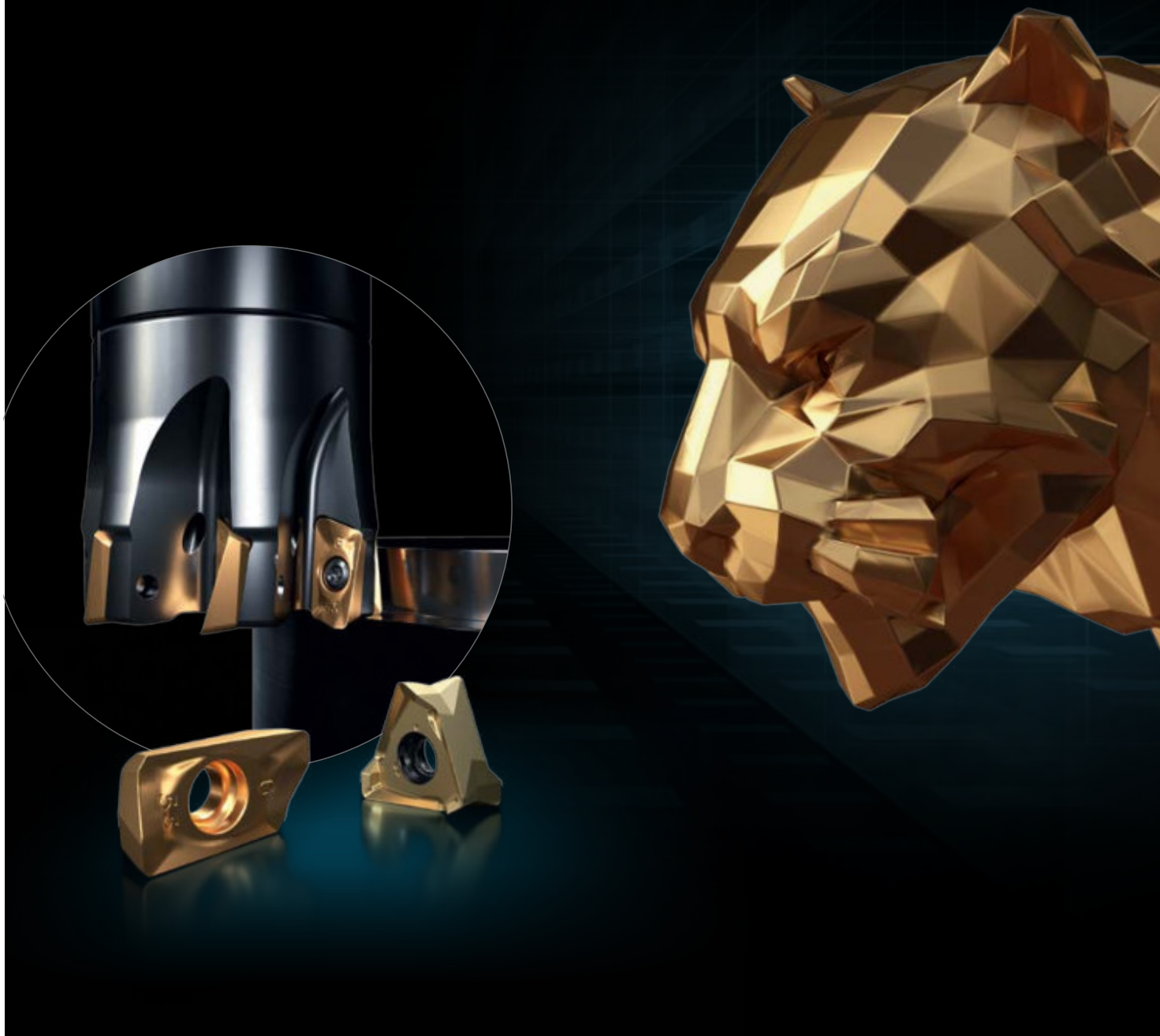


"Flash" refers to specialised solid carbide milling cutters for high-feed milling. Their end-face geometry reduces the chip thickness "h" and therefore enables an extremely high feed per tooth. Forces that occur are diverted axially towards the centre of the tool, which helps to stabilise the machining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




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

# Tiger-tec<sup>®</sup>Gold



[tigertec-gold.walter](http://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

## Face milling cutters

Machining			
Lead angle $\kappa$	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
<b>WALTER SELECT</b>			
	●● Primary application	● Other application	

Face milling cutters 329

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

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

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

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

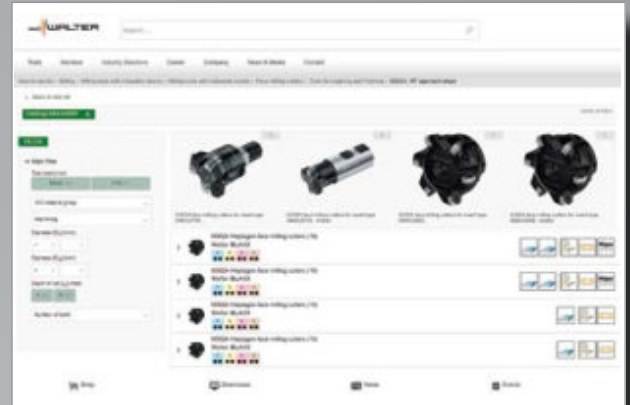
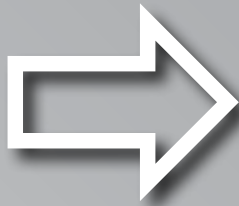


### Scan the QR code

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



M3024

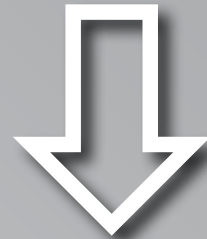


### Direct link

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

[www.walter-tools.com/woc/M3024](http://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

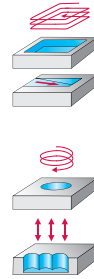
M3024

Key (explanation of symbols)

Switch to inch values

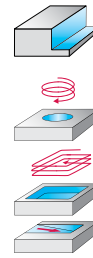
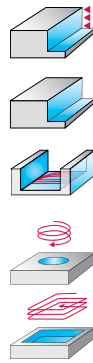
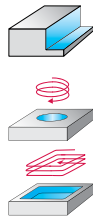
Designation	D <sub>h</sub> mm	D <sub>h</sub> mm	D <sub>c</sub> mm	L <sub>h</sub> mm	L <sub>c</sub> mm
Parallel bore DIN 138 transverse keyway - H7/k7 - metric (T)	63 - 125	75.06 - 137.06	22 - 40	43 - 63	6
M3024-030-022-08-08 Availability	63	75.06	22	43	6
M3024-030-027-08-08 Availability	80	92.06	27	50	6
M3024-125-022-07-08 Availability	100	112.06	32	50	6
M3024-125-040-08-08 Availability	125	137.06	40	63	6
Parallel bore DIN 138 transverse keyway - H7/k7 - metric (T)	150	172.06	40	63	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	WJ30TF	WJ30RD	WJ30RA
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
<b>P</b> Steel	●●	●●		
<b>M</b> Stainless steel	●		●●	
<b>K</b> Cast iron	●	●		
<b>N</b> NF metals			●	
<b>S</b> Materials with difficult cutting properties	●		●●	
<b>H</b> Hard materials				●●
<b>O</b> Other				
Page in catalogue	D 30	D 27	D 27	D 29
QR code				
<a href="http://www.walter-tools.com/woc/">www.walter-tools.com/woc/</a>	MC025	MD025	MD025	MC089

## Shoulder milling cutters

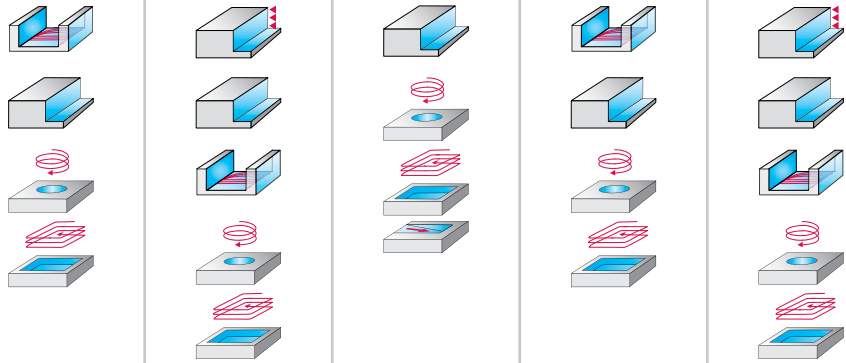


Designation	MC129 Advance	MC128 Advance	MC122 Advance	MC112 Advance	MC111 Advance
Diameter range	6–20	2–25	4–25	4–16	2–20
Number of teeth	6	4–8	4–8	4	4
Corner radius		0,5–4		0,5–2	
Diameter range	—	0,250–0,750	—	—	0,094–0,750
Number of teeth		6–8			4
Corner radius		0,015–0,250			
Standard	DIN 6527 L	DIN 6527 L STANDARD	DIN 6527 L PWZ-NORM L PWZ-NORM XL	PWZ-NORM XL PWZ-NORM L	DIN 6527 K STANDARD
Coating / grade	WJ30TF	WJ30TF	WJ30TF	WJ30TF	WJ30TF
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA DIN 6535 HB	DIN 6535 HA
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●	●	●	●
N NF metals					●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Page in catalogue	D 59	D 40	D 60	D 65	D 63
QR code					
<a href="http://www.walter-tools.com/woc/">www.walter-tools.com/woc/</a>	MC129	MC128	MC122	MC112	MC111

WALTER SELECT

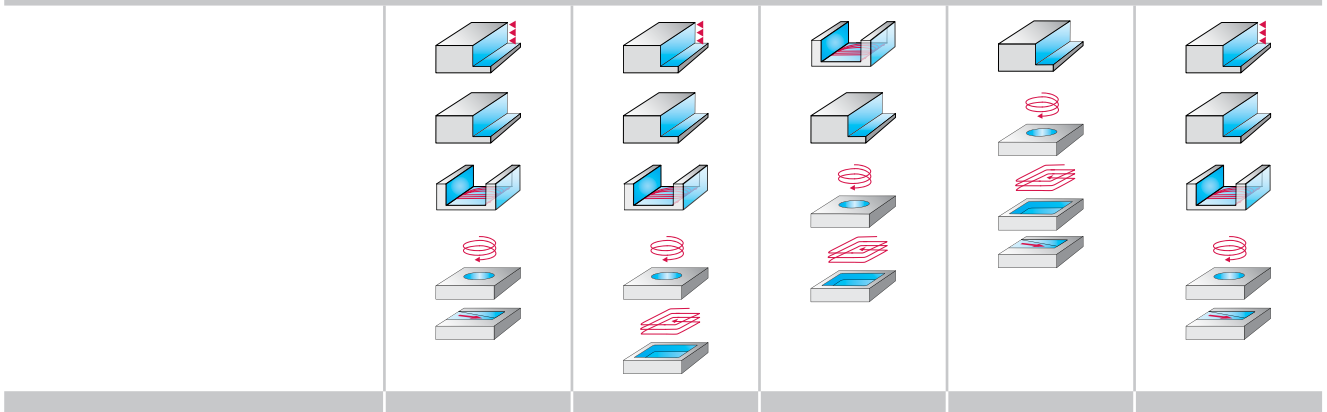
●● Primary application ● Other application

## Shoulder milling cutters



Designation	MD133 Supreme	MD128 Supreme	Protostar®	MD133 Supreme	MD128 Supreme
Diameter range	6–20	6–25	0,4–3	6–20	6–25
Number of teeth	5–6	6–8	2	5–6	6–8
Corner radius	0,3–1	0,5–4	0,05–0,3	0,3–1	0,5–4
Diameter range	0,250–0,750	—	—	0,250–0,750	—
Number of teeth	5–6	—	—	5–6	—
Corner radius	0,015–0,030	—	—	0,015–0,030	—
Standard	PWZ-NORM L PWZ-NORM XL	PWZ-NORM	PWZ-NORM MINI	PWZ-NORM L PWZ-NORM XL	PWZ-NORM
Coating / grade	WJ30RA	WJ30UU	WJ30EN	WJ30EN	ACN
Shank	DIN 6535 HA	DIN 6535 HA	Cylindrical shank	Cylindrical shank	DIN 6535 HA
<b>P</b> Steel	●●	●●	●●	●●	●●
<b>M</b> Stainless steel				●●	●●
<b>K</b> Cast iron	●	●			
<b>N</b> NF metals			●	●	
<b>S</b> Materials with difficult cutting properties				●	●●
<b>H</b> Hard materials					
<b>O</b> Other					
Page in catalogue	D 32	D 38	D 67	D 32	D 38
QR code					
<a href="http://www.walter-tools.com/woc/">www.walter-tools.com/woc/</a>	MD133	MD128	protostar	MD133	MD128

## Shoulder milling cutters

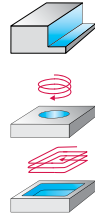


Designation	MC166 Advance	MD177 Supreme	MD173 Supreme	Protostar® Ti	MC187 Advance
Diameter range	12–20	6–25	—	16–25	3–25
Number of teeth	3	7	—	4–5	4–8
Corner radius	1–5	0,3–1,25	—	3–4	0,5–3
Diameter range	—	0,187–1,000	0,250–1,000	—	0,125–0,750
Number of teeth	—	7	7	—	4–8
Corner radius	—	0,015–0,120	0,015–0,120	—	0,015–0,060
Standard	PWZ-NORM L PWZ-NORM XL	DIN 6527 L PWZ-NORM L STANDARD PWZ-NORM S PWZ-NORM XL	STANDARD PWZ-NORM L PWZ-NORM XL	PWZ-NORM XL	DIN 6527 L PWZ-NORM L STANDARD
Coating / grade	WJ30TF	WJ30RD	WJ30RD	TAX	WJ30RA
Shank	DIN 6535 HA DIN 6535 HB	DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HB
<b>P</b> Steel		●	●		
<b>M</b> Stainless steel		●	●		
<b>K</b> Cast iron					
<b>N</b> NF metals	●●				
<b>S</b> Materials with difficult cutting properties		●●	●●	●●	
<b>H</b> Hard materials					●●
<b>O</b> Other					
Page in catalogue	D 44	D 46	D 51	D 53	D 54
QR code					
www.walter-tools.com/woc/	MC166	MD177	MD173	protostar-ti	MC187

WALTER SELECT

●● Primary application ● Other application

## Shoulder milling cutters



Designation	MC183 Advance
Diameter range	6–16
Number of teeth	6–16
Corner radius	
Diameter range	—
Number of teeth	
Corner radius	
Standard	DIN 6527 L
Coating / grade	WB10TG
Shank	DIN 6535 HA
<b>P</b> Steel	
<b>M</b> Stainless steel	
<b>K</b> Cast iron	
<b>N</b> NF metals	
<b>S</b> Materials with difficult cutting properties	
<b>H</b> Hard materials	● ●
<b>O</b> Other	
Page in catalogue	D 58

QR code



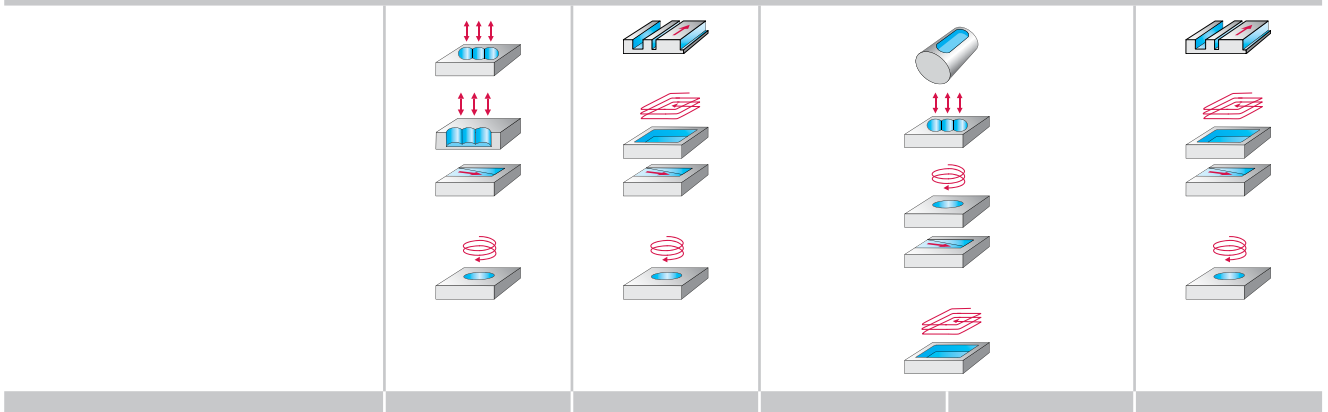
[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/)

MC183

**WALTER SELECT**

● ● Primary application ● Other application

## Shoulder/slot milling cutters

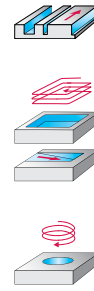
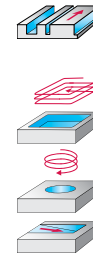
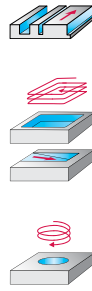


Designation	MD344 Supreme	MD340 Supreme	MC726 Supreme	MC716 Advance	MC326 Supreme
Diameter range	6–20	2–25	2,8–16	1,8–20	2–25
Number of teeth	4	3–5	3–4	2–3	3–5
Corner radius	0,3–1	0,2–4	0,08–0,25		0,2–4
Diameter range	—	0,063–0,750	—	—	0,125–0,750
Number of teeth		3–5			3–4
Corner radius		0,015–0,060			0,015–0,160
Standard	DIN 6527 L	P-NORM DIN 6527 L ANSI-STANDARD P-NORM L	DIN 6527 K	DIN 6527 K	STUB STANDARD PWZ-NORM L DIN 6527 L LONG
Coating / grade	WK40TP	WK40TP	WK40TP	WK40TF	WJ30TF
Shank	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 69	D 70	D 136	D 173	D 118
QR code					
www.walter-tools.com/woc/	MD344	MD340	MC726	MC716	MC326

D1

**WALTER SELECT** ●● Primary application ● Other application

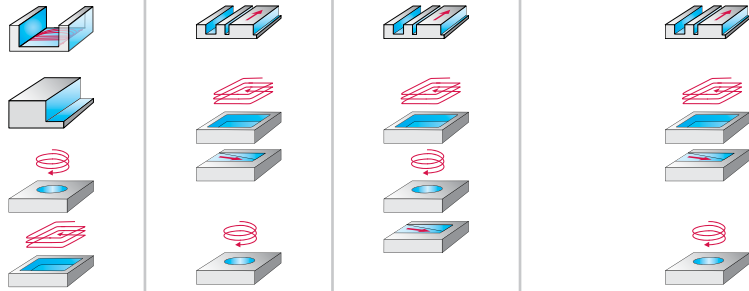
## Shoulder/slot milling cutters



Designation	MC324 Advance	MC322 Advance	MC321 Advance	MC320 Advance	MC319 Advance
Diameter range	1–20	6–20	2–12	4–25	5–25
Number of teeth	3	4–5	3–4	3–8	4
Corner radius	1,5–2			0,2–0,4	0,2–0,4
Diameter range	—	—	0,125–0,500	0,250–0,750	—
Number of teeth			4	4	
Corner radius				0,008–0,016	
Standard	DIN 6527 L	DIN 6527 K	DIN 6527 K PWZ-NORM S STUB	DIN 6527 L DIN 6527 K STANDARD	DIN 6527 L
Coating / grade	WK40TF	WK40TF	WJ30ED	WK40TF	WJ30TF
Shank	DIN 6535 HB	DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA
<b>P</b> Steel	●●	●●	●●	●●	●●
<b>M</b> Stainless steel	●	●	●	●	●
<b>K</b> Cast iron	●	●	●	●	●
<b>N</b> NF metals					
<b>S</b> Materials with difficult cutting properties	●	●	●	●	●
<b>H</b> Hard materials					
<b>O</b> Other					
Page in catalogue	D 162	D 161	D 156	D 176	D 175
QR code					
<a href="http://www.walter-tools.com/woc/">www.walter-tools.com/woc/</a>	MC324	MC322	MC321	MC320	MC319



## Shoulder/slot milling cutters

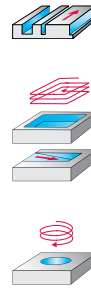


Designation	MC233 Advance Xill-tec®	MC232 Perform	MC230 Advance Xill-tec®	MC216 Advance	MC213 Advance
Diameter range	8–25	2–20	1–25	1–20	0,6–14,5
Number of teeth	4–8	2–4	2–8	2–3	2–4
Corner radius		0,2–4	0,2–4		0,06–1,5
Diameter range	—	0,125–0,750	—	0,094	—
Number of teeth		2–4		2	
Corner radius		0,015–0,125			
Standard	P-NORM L P-NORM XL	DIN 6527 L STANDARD	DIN 6527 L P-NORM S P-NORM L DIN 6527 K P-NORM XL	DIN 6527 L STANDARD PWZ-NORM L	PWZ-NORM XL PWZ-NORM L
Coating / grade	WK40TF	WJ30TF	WJ30TF	WJ30TF	WK40TF
Shank	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HB
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●	●	●	●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Page in catalogue	D 154	D 179	D 137	D 165	D 170
QR code					
www.walter-tools.com/woc/	MC233	MC232	MC230	MC216	MC213

WALTER SELECT

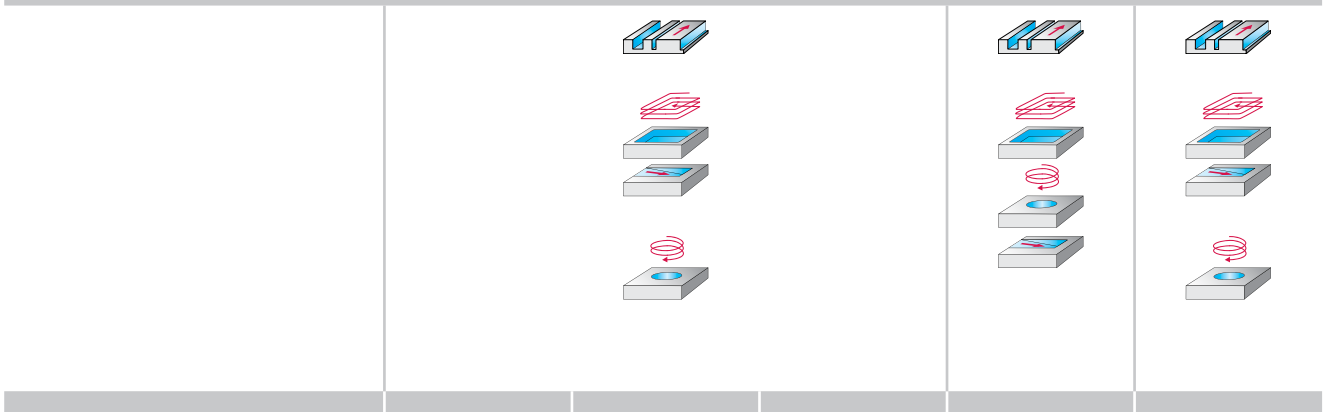
●● Primary application ● Other application

## Shoulder/slot milling cutters



Designation	MC341 Supreme	MC251 Advance	Proto-max™ <sub>Inox</sub>	MD266 Supreme	MD265 Supreme
Diameter range	6–20	3–20	6–20	2–25	16–25
Number of teeth	4	4	4	2–3	3
Corner radius		0,2–6	0,5–4	0,2–4	2–4
Diameter range	—	—	0,250–0,750	—	—
Number of teeth			4		
Corner radius					
Standard	PWZ-NORM	DIN 6527 L	DIN 6527 L DIN 6527	DIN 6527 L P-NORM L P-NORM XL	DIN 6527 L P-NORM L P-NORM XL
Coating / grade	WJ30UU	WJ30DD	WJ30UU	WJ30UU	WJ30CA
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
<b>P</b> Steel	●●				
<b>M</b> Stainless steel	●	●●	●●		
<b>K</b> Cast iron					
<b>N</b> NF metals				●●	●●
<b>S</b> Materials with difficult cutting properties		●	●		
<b>H</b> Hard materials					
<b>O</b> Other					
Page in catalogue	D 68	D 85	D 82	D 87	D 95
QR code					
<a href="http://www.walter-tools.com/woc/">www.walter-tools.com/woc/</a>	MC341	MC251	protomax-inox	MD266	MD265

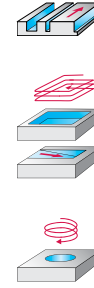
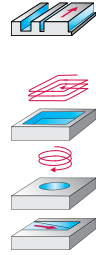
## Shoulder/slot milling cutters



Designation	MD265 Supreme	MC268 Advance	MC267 Advance	MC267 Advance	Protostar®
Diameter range	16–25	6–25	1–20	1–20	2–20
Number of teeth	3	3–4	2–3	3	1–2
Corner radius	2–4	0,5–4	0,2–4	0,2–0,5	
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard	DIN 6527 L	DIN 6527 L P-NORM L	DIN 6527 L	DIN 6527 L	PWZ-NORM L DIN 6527 L
Coating / grade	WJ30TF	WK40TZ	WK40RC	TAA	WJ30UU
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA DIN 6535 HB	DIN 6535 HA
<b>P</b> Steel					
<b>M</b> Stainless steel					
<b>K</b> Cast iron					
<b>N</b> NF metals	●●	●●	●●	●●	●●
<b>S</b> Materials with difficult cutting properties					
<b>H</b> Hard materials					
<b>O</b> Other					
Page in catalogue	D 95	D 97	D 91	D 91	D 100
QR code					
www.walter-tools.com/woc/	MD265	MC268	MC267	MC267	protostar

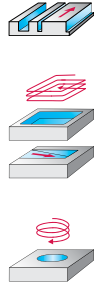
D1

## Shoulder/slot milling cutters



Designation	MD377 Supreme	MC377 Advance	MC388 Advance	MC281 Advance	Protostar® Ultra
Diameter range	6–25	2–25	2–12	1–4	1–16
Number of teeth	5	3–4	3–4	2	2–4
Corner radius	0,5–6,35	0,2–4	0,5–3	0,2–0,5	0,1–2
Diameter range	—	—	0,125–0,500	—	—
Number of teeth	—	—	3–4	—	—
Corner radius	—	—	0,015–0,030	—	—
Standard	DIN 6527 L	DIN 6527 L	DIN 6527 L PWZ-NORM L	PWZ-NORM MINI	PWZ-NORM L PWZ-NORM MINI
Coating / grade	TAX	DIA	WB10TG	WB10TG	TAX
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA DIN 6535 HB	DIN 6535 HA	DIN 6535 HA
<b>P</b> Steel		●	●		
<b>M</b> Stainless steel	●	●	●		
<b>K</b> Cast iron					
<b>N</b> NF metals					
<b>S</b> Materials with difficult cutting properties	●●	●●			
<b>H</b> Hard materials			●●	●●	●●
<b>O</b> Other					
Page in catalogue	D 104	D 105	D 107	D 113	D 112
QR code					
<a href="http://www.walter-tools.com/woc/">www.walter-tools.com/woc/</a>	MD377	MC377	MC388	MC281	protostar-ultra

## Shoulder/slot milling cutters



Designation	Protostar®
Diameter range	0,6–12
Number of teeth	2–4
Corner radius	0,05–1
Diameter range	—
Number of teeth	—
Corner radius	—
Standard	PWZ-NORM L PWZ-NORM XL PWZ-NORM MINI
Coating / grade	uncoated
Shank	DIN 6535 HA
<b>P</b> Steel	
<b>M</b> Stainless steel	
<b>K</b> Cast iron	
<b>N</b> NF metals	
<b>S</b> Materials with difficult cutting properties	
<b>H</b> Hard materials	
<b>O</b> Other	● ●

Page in catalogue D 115



[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/) protostar

## Copy milling cutters



Designation	MC416 Advance	MC413 Advance	Protostar®	Protostar®	MC482 Advance
Diameter range	1–20	1–16	0,3–3	2–16	1–16
Number of teeth	2–4	2–4	2	2	2–4
Corner radius	0,5–10	0,5–8	0,15–1,5	1–8	0,5–8
Diameter range	0,063–0,500	—	—	—	—
Number of teeth	4	—	—	—	—
Corner radius	0,031–0,250	—	—	—	—
Standard	PWZ-NORM L STANDARD DIN 6527 L	PWZ-NORM L PWZ-NORM XL	PWZ-NORM MINI	PWZ-NORM L	DIN 6527 K DIN 6527 L PWZ-NORM XL
Coating / grade	WJ30TF	WJ30TF	WJ30TF	TAX	uncoated
Shank	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
<b>P</b> Steel	●●	●●	●●		
<b>M</b> Stainless steel	●	●			
<b>K</b> Cast iron	●	●			
<b>N</b> NF metals	●	●	●	●●	
<b>S</b> Materials with difficult cutting properties	●	●			
<b>H</b> Hard materials					●●
<b>O</b> Other					
Page in catalogue	D 203	D 206	D 191	D 190	D 192
QR code					
<a href="http://www.walter-tools.com/woc/">www.walter-tools.com/woc/</a>	MC416	MC413	protostar	protostar	MC482

# Copy milling cutters

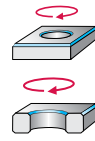


Designation	MC480 Advance	Proto-max™ Ultra	Protostar® Ultra	Protostar®
Diameter range	0,4–5	1–10	1–10	0,3–3
Number of teeth	2	2	2	2
Corner radius	0,2–2,5	0,5–5	0,5–5	0,15–1,5
Diameter range	—	—	—	—
Number of teeth	—	—	—	—
Corner radius	—	—	—	—
Standard	PWZ-NORM MINI	PWZ-NORM L PWZ-NORM MINI	DIN 6527 L PWZ-NORM L	PWZ-NORM MINI
Coating / grade	WB10TG	WB10TG	TAS	TAX
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
<b>P</b> Steel				
<b>M</b> Stainless steel				
<b>K</b> Cast iron				
<b>N</b> NF metals				
<b>S</b> Materials with difficult cutting properties				
<b>H</b> Hard materials	●●	●●	●●	
<b>O</b> Other				●●
Page in catalogue	D 197	D 200	D 198	D 202
QR code				
www.walter-tools.com/woc/	MC480	protomax-ultra	protostar-ultra	protostar

**WALTER SELECT** ●● Primary application ● Other application

D1

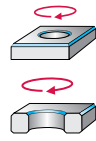
## Profiling cutters



Designation	MC504 Advance	MC503 Advance	MC502 Advance	MC501 Advance	MC500 Advance
Diameter range	6–12	6–20	10	6–12	6–10
Number of teeth	4–6	3–4	4	4–6	4
Corner radius					
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard	PWZ-NORM L	DIN 6527 L	PWZ-NORM L	PWZ-NORM L	PWZ-NORM L
Coating / grade	WJ30TF	WJ30TF	WJ30TF	WJ30TF	WJ30TF
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA DIN 6535 HB
<b>P</b> Steel	●●	●●	●●	●●	●●
<b>M</b> Stainless steel	●	●	●	●	●
<b>K</b> Cast iron	●	●	●	●	●
<b>N</b> NF metals	●	●	●	●	●
<b>S</b> Materials with difficult cutting properties	●	●	●	●	●
<b>H</b> Hard materials					
<b>O</b> Other					
Page in catalogue	D 213	D 212	D 211	D 210	D 209
QR code					
<a href="http://www.walter-tools.com/woc/">www.walter-tools.com/woc/</a>	MC504	MC503	MC502	MC501	MC500



## Profiling cutters



Designation	Protostar®
Diameter range	—
Number of teeth	
Corner radius	
Diameter range	0,250–0,500
Number of teeth	4–6
Corner radius	
Standard	STANDARD
Coating / grade	WJ30TF
Shank	DIN 6535 HA DIN 6535 HB
P Steel	●●
M Stainless steel	●
K Cast iron	●
N NF metals	●
S Materials with difficult cutting properties	●
H Hard materials	
O Other	

Page in catalogue D 214

QR code



[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/)

protostar

**WALTER SELECT**

●● Primary application ● Other application

D1

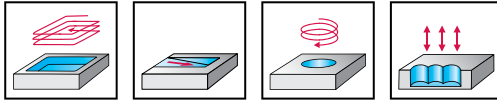
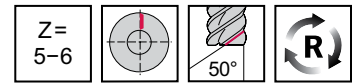
## Circle segment milling cutters



Designation	MD839 Supreme	MD838 Supreme	MD839 Supreme	MD838 Supreme
Diameter range	6–16	6–16	6–16	6–16
Number of teeth	4	4–8	4	4–8
Corner radius	1–4	0,5–4	1–4	0,5–4
Diameter range	—	—	—	—
Number of teeth	—	—	—	—
Corner radius	—	—	—	—
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30RD	WJ30RD	WJ30RD	WJ30RA
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
<b>P</b> Steel	●●	●●		
<b>M</b> Stainless steel			●●	●●
<b>K</b> Cast iron	●	●		
<b>N</b> NF metals			●	●
<b>S</b> Materials with difficult cutting properties			●●	●●
<b>H</b> Hard materials				
<b>O</b> Other				
Page in catalogue	D 216	D 215	D 216	D 215
QR code				
<a href="http://www.walter-tools.com/woc/">www.walter-tools.com/woc/</a>	MD839	MD838	MD839	MD838

# Solid carbide high-feed milling cutter

MD025 Supreme



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

Tool	Designation	$D_c$	$L_c$	$x_f$	$R_f$	$R_{grs}$	$R$	$l_3$	$l_1$	$l_4$	$d_1$	$Z$	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

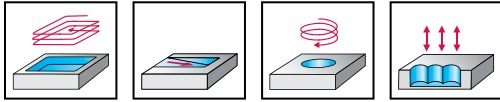
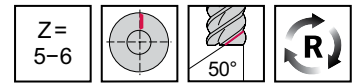
Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WJ30RA: MD025-06.0A5B050C-WJ30RA

**WALTER  
SELECT**

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

# Solid carbide high-feed milling cutter

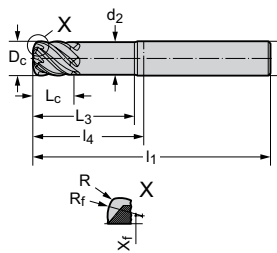
MD025 Supreme inch



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

## Tool

Designation	$D_c$ h9 inch	$L_c$ inch	$x_f$ inch	$R_f$ inch	$R_{ers}$ inch	$R$ inch	$l_3$ inch	$l_1$ inch	$l_4$ inch	$d_1$ h6 inch	Z	WJ30RA	WJ30RD
MD025.6.35A5D051C-	0,2500	0,250	0,051	0,146	0,032	0,020	1,000	2,500	1,083	0,250	5	☺	☺
MD025.7.94A5D102C-	0,3125	0,313	0,059	0,165	0,054	0,040	1,250	3,000	1,437	0,375	5	☺	☺
MD025.9.53A5D152C-	0,3750	0,375	0,067	0,181	0,076	0,060	1,250	3,000	1,437	0,375	5	☺	☺
MD025.12.7A6D152C-	0,5000	0,500	0,098	0,236	0,086	0,060	1,500	3,500	1,717	0,500	6	☺	☺
MD025.15.9A6D203C-	0,6250	0,625	0,118	0,315	0,110	0,080	1,500	3,500	1,594	0,625	6	☺	☺



Cylindrical shank

Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WJ30RA: MD025.12.7A6D152C-WJ30RA

D1

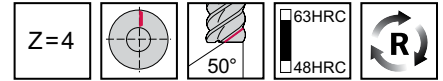
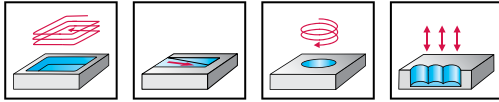
**WALTER  
SELECT**

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

●● Primary application ● Other application

# 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

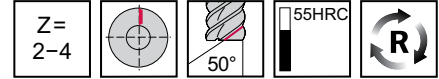
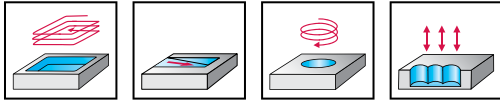
D1

**WALTER  
SELECT**

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

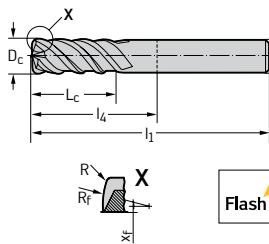
# Solid carbide high-feed milling cutter

MC025 Advance



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

## Tool



DIN 6535 HA

Designation	D <sub>c</sub> h9 mm	R <sub>r</sub> mm	R <sub>ers</sub> mm	R mm	l <sub>3</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h6 mm	Z	WJ30TF	
MC025-01.0A2B010-	1	0,2	0,6	0,142	0,1	3	57	21	6	2	☹
MC025-02.0A2B020-	2	0,4	1,2	0,283	0,2	6	57	21	6	2	☹
MC025-03.0A2B030-	3	0,6	1,8	0,425	0,3	7	57	21	6	2	☹
MC025-04.0A4B050-	4	0,8	2	0,673	0,5	11	57	21	6	4	☹
MC025-05.0A4B050-	5	1,1	2,5	0,714	0,5	13	57	21	6	4	☹
MC025-06.0A4B050-	6	1,4	3	0,755	0,5	15	57	21	6	4	☹
MC025-08.0A4B100-	8	1,54	4	1,379	1	20	63	27	8	4	☹
MC025-10.0A4B150-	10	1,7	5	1,998	1,5	26	72	32	10	4	☹
MC025-12.0A4B150-	12	2,25	6	2,103	1,5	30	83	38	12	4	☹
MC025-16.0A4B200-	16	3,1	8	2,747	2	36	92	44	16	4	☹

Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WJ30TF: MC025-01.0A2B010-WJ30TF

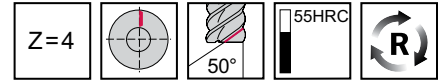
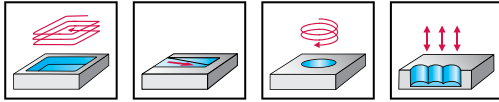
D1

**WALTER  
SELECT**

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

# Solid carbide high-feed milling cutter

MC025 Advance inch



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool		$D_c$ 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
<p>Cylindrical shank</p>	Designation											
	MC025.3.18A4D051-	0,1250	0,030	0,046	0,023	0,020	0,500	2,500	1,083	0,250	4	☹
	MC025.4.76A4D051-	0,1875	0,039	0,098	0,028	0,020	0,625	2,500	1,083	0,250	4	☹
	MC025.6.35A4D051-	0,2500	0,051	0,146	0,032	0,020	0,750	2,500	1,083	0,250	4	☹
	MC025.7.94A4D102-	0,3125	0,059	0,165	0,054	0,040	0,813	3,000	1,437	0,375	4	☹
	MC025.9.53A4D152-	0,3750	0,070	0,181	0,075	0,060	0,875	3,000	1,437	0,375	4	☹
	MC025.12.7A4D152-	0,5000	0,098	0,236	0,086	0,060	1,000	3,500	1,717	0,500	4	☹
MC025.15.9A4D203-	0,6250	0,118	0,315	0,110	0,080	1,250	3,500	1,594	0,625	4	☹	

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

**WALTER  
SELECT**

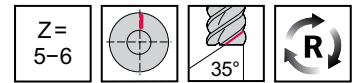
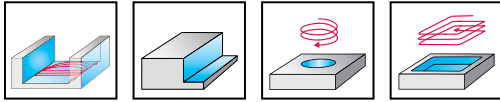
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder milling cutters

MD133 Supreme



- Chip breaker



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

Tool		$D_c$ 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

D1

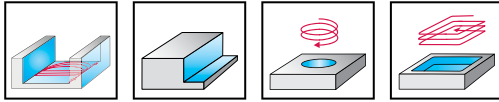
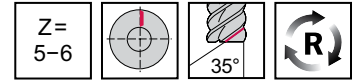
**WALTER  
SELECT**

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



# Solid carbide shoulder milling cutters

MD133 Supreme



	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	☺	☺

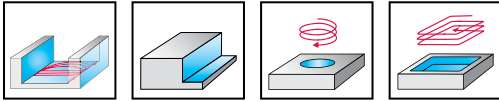
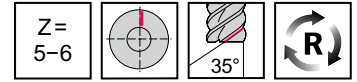
Shoulder milling  $a_e \leq 0,10 \times D_c$  for ISO-P | Shoulder milling  $a_e \leq 0,03 \times D_c$  for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133-06.0W5L030D-WJ30RA

**WALTER SELECT** ●● Primary application ● Other application

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

# Solid carbide shoulder milling cutters

MD133 Supreme inch



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

## Tool

Designation	D <sub>c</sub> h10	D <sub>c</sub> h10 inch	R inch	L <sub>c</sub> inch	l <sub>3</sub> inch	d <sub>2</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> 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	☺	☺

DIN 6535 HB

Shoulder milling  $a_e \leq 0,10 \times D_c$  for ISO-P | Shoulder milling  $a_e \leq 0,03 \times D_c$  for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133.12.7W5L076D-WJ30RA

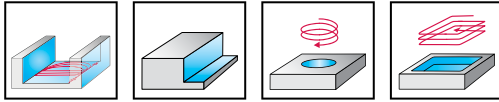
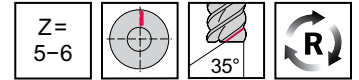
D1

**WALTER  
SELECT**

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

# Solid carbide shoulder milling cutters

MD133 Supreme



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

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

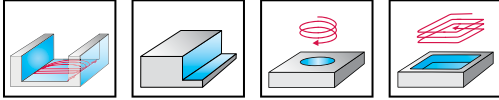
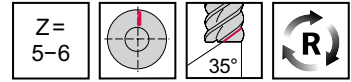
Shoulder milling  $a_e \leq 0,05 \times D_c$  for ISO-P | Shoulder milling  $a_e \leq 0,025 \times D_c$  for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133-06.0W5L030K-WJ30RA

**WALTER  
SELECT**

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

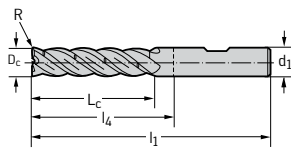
# Solid carbide shoulder milling cutters

MD133 Supreme



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

## Tool



DIN 6535 HB

Designation	D <sub>c</sub> h10 mm	R mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h6 mm	Z	WJ30RA	WJ30RD
MD133-06.0W5X030L-	6	0,3	31	80	40	6	5	☺	☺
MD133-08.0W5X040L-	8	0,4	41	87	51	8	5	☺	☺
MD133-10.0W5X050L-	10	0,5	52	100	60	10	5	☺	☺
MD133-12.0W5X060L-	12	0,6	62	116	71	12	5	☺	☺
MD133-16.0W6X080L-	16	0,8	82	141	93	16	6	☺	☺
MD133-20.0W6X100L-	20	1	103	165	115	20	6	☺	☺

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

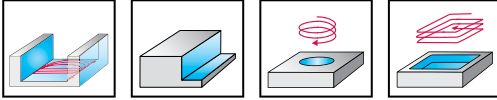
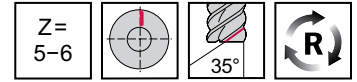
D1

**WALTER  
SELECT**

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

# Solid carbide shoulder milling cutters

MD133 Supreme inch



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

Tool	Designation	D <sub>c</sub>		R	L <sub>c</sub>	l <sub>1</sub>	l <sub>4</sub>	d <sub>1</sub>	Z	WJ30RA	WJ30RD
		h10	inch								
<p>DIN 6535 HB</p>	MD133.6.35W5X038L-	1/4"	0,2500	0,015	1,375	3,500	1,937	0,375	5	☺	☺
	MD133.9.53W5X038L-	3/8"	0,3750	0,015	2,000	4,000	2,437	0,375	5	☺	☺
	MD133.12.7W5X076L-	1/2"	0,5000	0,030	2,750	5,000	3,217	0,500	5	☺	☺
	MD133.15.9W6X076L-	5/8"	0,6250	0,030	3,250	5,500	3,594	0,625	6	☺	☺
	MD133.19.1W6X076L-	3/4"	0,7500	0,030	3,875	6,500	4,468	0,750	6	☺	☺

Shoulder milling  $a_e \leq 0,03 \times D_c$  for ISO-P | Shoulder milling  $a_e \leq 0,015 \times D_c$  for ISO-M and ISO-S | Ordering example for the grade WJ30RA: MD133.12.7W5X076L-WJ30RA

D1

**WALTER SELECT** ●● Primary application ● Other application

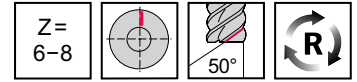
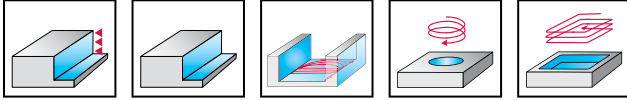
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder milling cutters

MD128 Supreme



- Type N 50



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

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

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

D1

**WALTER  
SELECT**

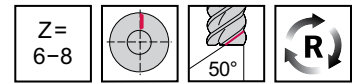
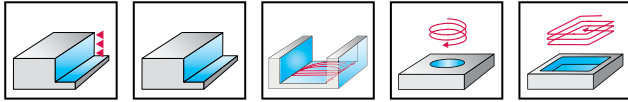
●● Primary application ● Other application  
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★ machining conditions

# Solid carbide shoulder milling cutters

MD128 Supreme mm



- Type N 50



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

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

**WALTER  
SELECT**

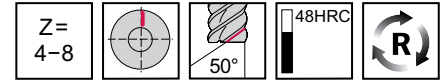
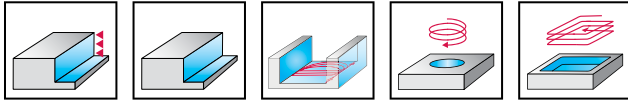
●● Primary application ● Other application  
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder milling cutters

MC128 Advance



- Type N 50



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h6 mm	Z	WJ30TF
<p>DIN 6535 HA</p>	MC128-02.0A4B-	2	7	57	21	6	4	☺
	MC128-03.0A4B-	3	8	57	21	6	4	☺
	MC128-04.0A4B-	4	11	57	21	6	4	☺
	MC128-05.0A5B-	5	13	57	21	6	5	☺
	MC128-06.0A6B-	6	13	57	21	6	6	☺
	MC128-08.0A6B-	8	19	63	27	8	6	☺
	MC128-10.0A6B-	10	22	72	32	10	6	☺
	MC128-12.0A6B-	12	26	83	38	12	6	☺
	MC128-16.0A6B-	16	32	92	44	16	6	☺
	MC128-20.0A8B-	20	38	104	54	20	8	☺
MC128-25.0A8B-	25	45	121	65	25	8	☺	

Shoulder milling  $a_e \leq 0.1 \times D_c$  | Ordering example for the grade WJ30TF: MC128-02.0A4B-WJ30TF

D1

**WALTER  
SELECT**

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

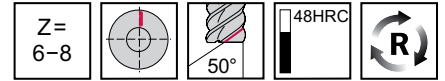
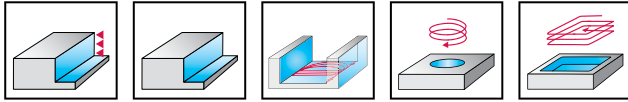


# Solid carbide shoulder milling cutters

MC128 Advance



- Type N 50



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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	☺

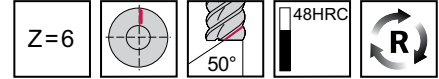
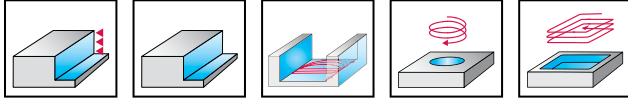
Shoulder milling  $a_e \leq 0.1 \times D_c$  | Ordering example for the grade WJ30TF: MC128-06.0A6B050-WJ30TF

# Solid carbide shoulder milling cutters

## MC128 Advance inch



- Type N 50



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> h10 inch	L <sub>c</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> inch	Z	WJ30TF
 Cylindrical shank	MC128.6.35A6C-	0,2500	0,500	2,500	1,083	0,250	6	●●
	MC128.9.53A6C-	0,3750	0,500	2,500	0,937	0,375	6	●●
 Cylindrical shank	MC128.9.53A6D-	0,3750	1,000	3,000	1,437	0,375	6	●●
	MC128.12.7A6D-	0,5000	1,250	3,500	1,717	0,500	6	●●
	MC128.12.7A6DI-	0,5000	1,000	3,500	1,717	0,500	6	●●
	MC128.15.9A6D-	0,6250	1,625	4,000	2,094	0,625	6	●●
 Cylindrical shank	MC128.15.9A6DI-	0,6250	1,250	4,000	2,094	0,625	6	●●
	MC128.19.1A8D-	0,7500	1,625	4,500	2,468	0,750	8	●●
	MC128.6.35A6L-	0,2500	1,000	3,000	1,583	0,250	6	●●
	MC128.19.1A8L-	0,7500	2,250	5,000	2,968	0,750	8	●●

Shoulder milling  $a_e \leq 0.1 \times D_c$  | Ordering example for the grade WJ30TF: MC128.6.35A6C-WJ30TF

D1

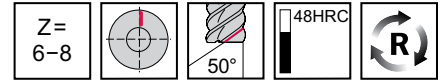
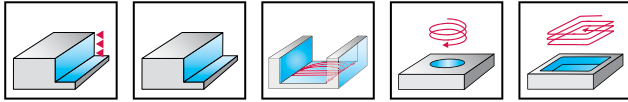
<b>WALTER SELECT</b>		●● Primary application   ● Other application	Best tool for → Good = 😊   → Average = 😐   → Poor = 😞 machining conditions
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# Solid carbide shoulder milling cutters

## MC128 Advance inch



- Type N 50



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h9 inch	R inch	L <sub>c</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> 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	☺

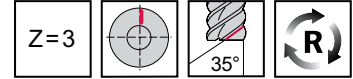
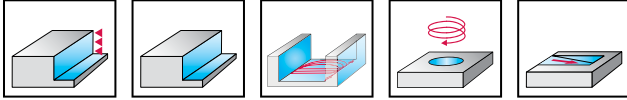
Shoulder milling  $a_e \leq 0.1 \times D_c$  | Ordering example for the grade WJ30TF: MC128.12.7A6D076-WJ30TF

# Solid carbide shoulder milling cutters

MC166 Advance



- Long reach



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool		D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

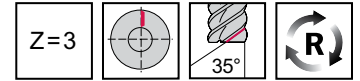
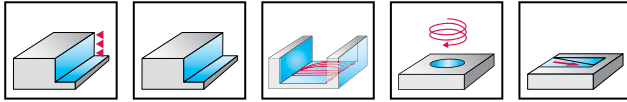
D1

**WALTER SELECT** ●● Primary application   ● Other application

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

# Solid carbide shoulder milling cutters

MC166 Advance



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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	☺

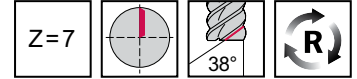
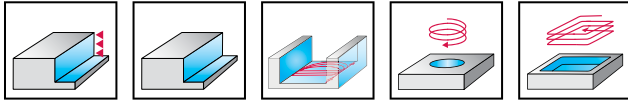
Shoulder milling  $a_e \leq 0.1 \times D_c$  | Ordering example for the grade WJ30UU: MC166-12.0A3X100L-WJ30UU

**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 <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	h <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

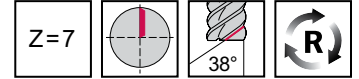
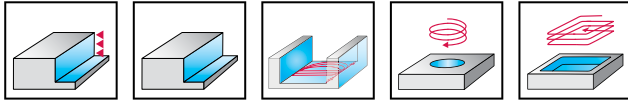
D1

**WALTER  
SELECT**

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

# Solid carbide shoulder milling cutters

MD177 Supreme



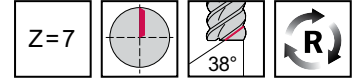
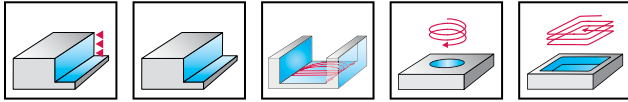
	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

Tool	Designation	D <sub>c</sub> h10 mm	R mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h6 mm	Z	WJ30EN
<p>Cylindrical shank</p>	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

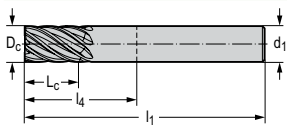
# Solid carbide shoulder milling cutters

## MD177 Supreme inch



	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

### Tool



Cylindrical shank

Designation	D <sub>c</sub>	D <sub>c</sub> inch	L <sub>c</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> 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

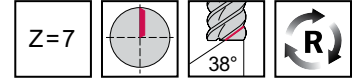
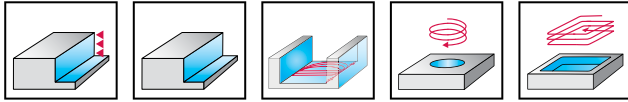
**WALTER  
SELECT**

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



# Solid carbide shoulder milling cutters

## MD177 Supreme inch



WJ30EN	P	M	K	N	S	H	O
	●	●	●	●	●●	●	●

Tool	Designation	D <sub>c</sub>	D <sub>c</sub> inch	R inch	L <sub>c</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> h6 inch	Z	WJ30EN
<p>Cylindrical shank</p>	MD177.4.76A7L038K-	3/16"	0,1875	0,015	0,750	2,500	1,083	0,187	7	☹
	MD177.6.35A7D038-	1/4"	0,2500	0,015	0,500	2,500	1,083	0,250	7	☹
	MD177.6.35A7D076-	1/4"	0,2500	0,030	0,500	2,500	1,083	0,250	7	☹
	MD177.6.35A7D076J-	1/4"	0,2500	0,030	0,750	2,500	1,083	0,250	7	☹
	MD177.6.35A7X038L-	1/4"	0,2500	0,015	1,250	3,000	1,583	0,250	7	☹
	MD177.6.35A7X076L-	1/4"	0,2500	0,030	1,250	3,000	1,583	0,250	7	☹
	MD177.9.53A7S038-	3/8"	0,3750	0,015	0,500	2,000	0,500	0,375	7	☹
	MD177.9.53A7S076-	3/8"	0,3750	0,030	0,500	2,000	0,500	0,375	7	☹
	MD177.9.53A7S152-	3/8"	0,3750	0,060	0,500	2,000	0,500	0,375	7	☹
	MD177.9.53A7D038-	3/8"	0,3750	0,015	1,000	2,500	1,000	0,375	7	☹
	MD177.9.53A7D076-	3/8"	0,3750	0,030	1,000	2,500	1,000	0,375	7	☹
	MD177.9.53A7D152-	3/8"	0,3750	0,060	1,000	2,500	1,000	0,375	7	☹
	MD177.9.53A7L038J-	3/8"	0,3750	0,015	1,250	3,000	1,437	0,375	7	☹
	MD177.9.53A7L076J-	3/8"	0,3750	0,030	1,250	3,000	1,437	0,375	7	☹
	MD177.9.53A7L152J-	3/8"	0,3750	0,060	1,250	3,000	1,437	0,375	7	☹
	MD177.12.7A7S038-	1/2"	0,5000	0,015	0,625	2,500	0,717	0,500	7	☹
	MD177.12.7A7S076-	1/2"	0,5000	0,030	0,625	2,500	0,717	0,500	7	☹
	MD177.12.7A7S152-	1/2"	0,5000	0,060	0,625	2,500	0,717	0,500	7	☹
	MD177.12.7A7D038-	1/2"	0,5000	0,015	1,000	3,000	1,217	0,500	7	☹
	MD177.12.7A7D076-	1/2"	0,5000	0,030	1,000	3,000	1,217	0,500	7	☹
	MD177.12.7A7D152-	1/2"	0,5000	0,060	1,000	3,000	1,217	0,500	7	☹
	MD177.12.7A7Dl038-	1/2"	0,5000	0,015	1,250	3,000	1,250	0,500	7	☹
	MD177.12.7A7D076l-	1/2"	0,5000	0,030	1,250	3,000	1,250	0,500	7	☹
	MD177.12.7A7D152l-	1/2"	0,5000	0,060	1,250	3,000	1,250	0,500	7	☹
	MD177.12.7A7L038K-	1/2"	0,5000	0,015	2,125	4,000	2,217	0,500	7	☹
	MD177.12.7A7L076K-	1/2"	0,5000	0,030	2,125	4,000	2,217	0,500	7	☹
	MD177.12.7A7L152K-	1/2"	0,5000	0,060	2,125	4,000	2,217	0,500	7	☹
	MD177.15.9A7S038-	5/8"	0,6250	0,030	0,750	3,000	1,094	0,625	7	☹
	MD177.15.9A7S076-	5/8"	0,6250	0,060	0,750	3,000	1,094	0,625	7	☹
	MD177.15.9A7D038-	5/8"	0,6250	0,030	1,250	3,500	1,594	0,625	7	☹
	MD177.15.9A7D076-	5/8"	0,6250	0,060	1,250	3,500	1,594	0,625	7	☹
	MD177.15.9A7D038l-	5/8"	0,6250	0,015	1,625	3,500	1,625	0,625	7	☹
	MD177.15.9A7D076l-	5/8"	0,6250	0,030	1,625	3,500	1,625	0,625	7	☹
MD177.15.9A7D152l-	5/8"	0,6250	0,060	1,625	3,500	1,625	0,625	7	☹	

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

WALTER  
SELECT

●● Primary application   ● Other application

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

Tool		Designation	D <sub>c</sub>	D <sub>c</sub> inch	R inch	L <sub>c</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> 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

D1

 WALTER  
SELECT

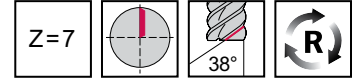
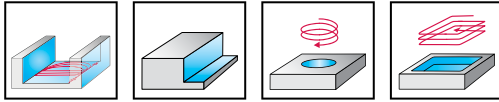
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

# Solid carbide shoulder milling cutters

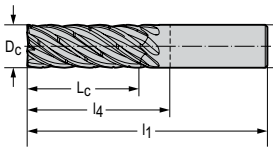
MD173 Supreme inch



- Chip breaker



	P	M	K	N	S	H	O
WJ30EN	●	●			●●		

Tool									WJ30EN
Designation	D <sub>c</sub>	D <sub>c</sub> inch	L <sub>c</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> h6 inch	Z		
	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

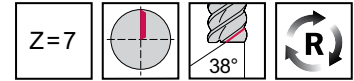
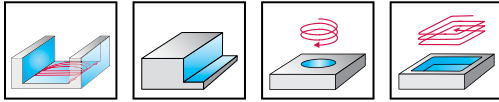
<b>WALTER SELECT</b>		●● Primary application   ● Other application	
	Best tool for → Good = ☺   → Average = ☹   → Poor = ☹☹		machining conditions

# Solid carbide shoulder milling cutters

## MD173 Supreme inch



- Chip breaker



	P	M	K	N	S	H	O
WJ30EN	●	●	●	●	●●	●	●

Tool	Designation	D <sub>c</sub>	D <sub>c</sub> inch	R inch	L <sub>c</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> h6 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

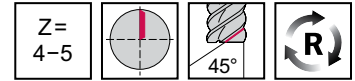
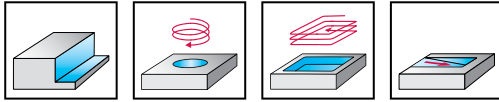
# Solid carbide shoulder milling cutters

H7073417

**Protostar® Ti**



- Type Ti 45, extra long



	P	M	K	N	S	H	O
ACN					●●		

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z
<p>DIN 6535 HA</p>	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

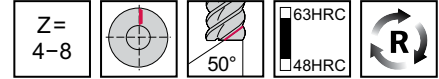
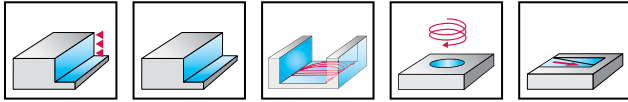
Shoulder milling  $a_e \leq 0.3 \times D_c$

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	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h6 mm	Z	WB10TG
<p>DIN 6535 HA</p>	MC187-03.0A4B-	3	8	57	21	6	4	☺
	MC187-04.0A4B-	4	11	57	21	6	4	☺
	MC187-05.0A4B-	5	13	57	21	6	4	☺
	MC187-06.0A6B-	6	13	57	21	6	6	☺
	MC187-08.0A6B-	8	19	63	27	8	6	☺
	MC187-10.0A6B-	10	22	72	32	10	6	☺
	MC187-12.0A6B-	12	26	83	38	12	6	☺
	MC187-16.0A6B-	16	32	92	44	16	6	☺
	MC187-20.0A8B-	20	38	104	54	20	8	☺
	MC187-25.0A8B-	25	45	121	65	25	8	☺

Shoulder milling  $a_e \leq 0.1 \times D_c$  | Ordering example for the grade WB10TG: MC187-03.0A4B-WB10TG

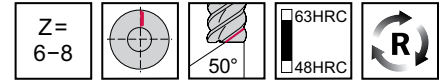
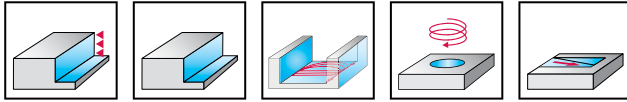
D1

**WALTER  
SELECT**

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

# Solid carbide shoulder milling cutters

MC187 Advance



	P	M	K	N	S	H	O
WB10TG						●●	

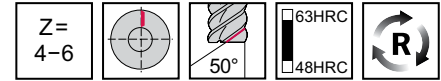
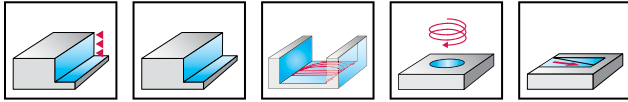
Tool		D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h6 mm	Z	WB10TG
<p>DIN 6535 HA</p>	Designation							
	MC187-06.0A6L-	6	26	75	34	6	6	☺
	MC187-08.0A6L-	8	36	80	44	8	6	☺
	MC187-10.0A6L-	10	46	100	60	10	6	☺
	MC187-12.0A6L-	12	55	110	65	12	6	☺
	MC187-16.0A6L-	16	66	130	82	16	6	☺
	MC187-20.0A8L-	20	80	145	95	20	8	☺
MC187-25.0A8L-	25	90	153	97	25	8	☺	

Shoulder milling  $a_e \leq 0.1 \times D_c$  | Ordering example for the grade WB10TG: MC187-06.0A6L-WB10TG

●● 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	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

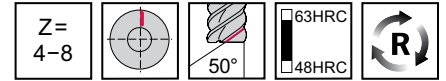
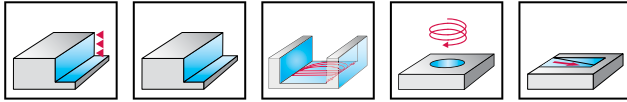
**WALTER  
SELECT**

●● 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 <sub>c</sub> h9	D <sub>c</sub> h9 inch	R inch	L <sub>c</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> 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

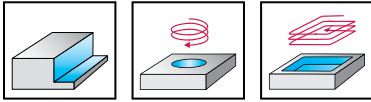
D1

**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 <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h6 mm	Z	WB10TG
	Designation							
	MC183-06.0W6B-	6	13	57	21	6	6	☺
	MC183-08.0W8B-	8	19	63	27	8	8	☺
	MC183-10.0W10B-	10	22	72	32	10	10	☺
	MC183-12.0W12B-	12	26	83	38	12	12	☺
DIN 6535 HB	MC183-16.0W16B-	16	32	92	44	16	16	☺

Shoulder milling  $a_e \leq 0.05 \times D_c$  | Ordering example for the grade WB10TG: MC183-06.0W6B-WB10TG

D1

**WALTER SELECT**

●● Primary application    ● Other application

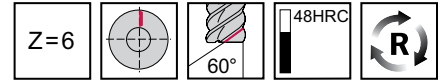
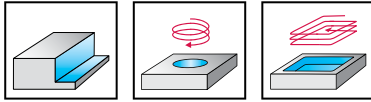
Best tool for → Good = ☺    → Average = ☹    → Poor = ☹☹ machining conditions

# Solid carbide shoulder milling cutters

MC129 Advance



- Type N 60



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

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

**WALTER  
SELECT**

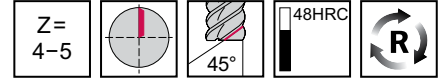
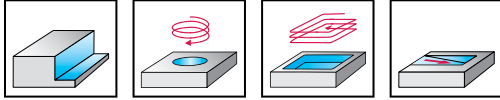
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder milling cutters

MC122 Advance



- Type N 45



	P	M	K	N	S	H	0
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30TF
	MC122-18.0A5B-	18	32	92	44	18	5	☺
	MC122-20.0A5B-	20	38	104	54	20	5	☺
DIN 6535 HA								
	MC122-20.0W5B-	20	38	104	54	20	5	☺
	MC122-25.0A5B-	25	45	121	65	25	5	☺
DIN 6535 HB								

Slot milling  $a_p \leq 0.5 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WJ30TF: MC122-18.0A5B-WJ30TF

D1

**WALTER SELECT** ●● Primary application ● Other application

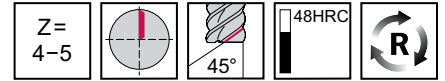
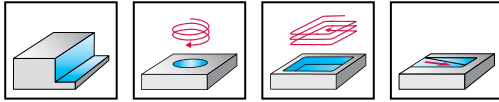
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

# Solid carbide shoulder milling cutters

MC122 Advance



- Type N 45, extra long



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool		D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>2</sub> mm	d <sub>1</sub> mm	Z	WJ30TF
 DIN 6535 HA	MC122-06.0A4L-	6	22	65	29	6	4	☺
	MC122-08.0A4L-	8	28	80	44	8	4	☺
	MC122-10.0A4L-	10	32	100	60	10	4	☺
	MC122-12.0A4L-	12	40	100	55	12	4	☺
	MC122-14.0A4L-	14	50	104	59	14	4	☺
	MC122-16.0A5L-	16	50	115	67	16	5	☺
	MC122-20.0A5L-	20	55	125	75	20	5	☺
 DIN 6535 HB	MC122-06.0W4L-	6	22	65	29	6	4	☺
	MC122-08.0W4L-	8	28	80	44	8	4	☺
	MC122-10.0W4L-	10	32	100	60	10	4	☺
	MC122-12.0W4L-	12	40	100	55	12	4	☺
	MC122-14.0W4L-	14	50	104	59	14	4	☺
	MC122-16.0W5L-	16	50	115	67	16	5	☺
	MC122-20.0W5L-	20	55	125	75	20	5	☺

Shoulder milling  $a_e \leq 0.05 \times D_c$  | Ordering example for the grade WJ30TF: MC122-06.0A4L-WJ30TF

D1

**WALTER  
SELECT**

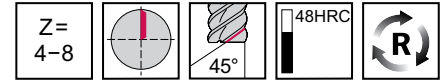
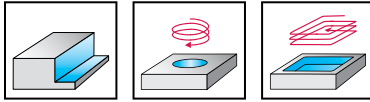
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder milling cutters

## MC122 Advance



- Type N 45, extra long



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30TF
 DIN 6535 HA	MC122-06.0A4XK-	6	35	80	44	6	4	☺
	MC122-08.0A4XK-	8	45	97	61	8	4	☺
	MC122-10.0A4XK-	10	50	118	78	10	4	☺
	MC122-12.0A4XK-	12	60	120	75	12	4	☺
	MC122-16.0A5XK-	16	65	130	82	16	5	☺
	MC122-16.0A5XL-	16	80	145	97	16	5	☺
	MC122-20.0A6XK-	20	75	145	95	20	6	☺
	MC122-20.0A6XL-	20	100	170	120	20	6	☺
	MC122-25.0A8XK-	25	90	153	97	25	8	☺
	MC122-25.0A8XL-	25	125	188	132	25	8	☺
 DIN 6535 HB	MC122-04.0W4XK-	4	20	65	29	6	4	☺
	MC122-05.0W4XK-	5	25	65	29	6	4	☺
	MC122-06.0W4XK-	6	35	80	44	6	4	☺
	MC122-08.0W4XK-	8	45	97	61	8	4	☺
	MC122-10.0W4XK-	10	50	118	78	10	4	☺
	MC122-12.0W4XK-	12	60	120	75	12	4	☺
	MC122-14.0W4XK-	14	70	124	79	14	4	☺
	MC122-16.0W5XK-	16	65	130	82	16	5	☺
	MC122-16.0W5XL-	16	80	145	97	16	5	☺
	MC122-18.0W5XK-	18	90	155	107	18	5	☺
	MC122-20.0W6XK-	20	75	145	95	20	6	☺
	MC122-20.0W6XL-	20	100	170	120	20	6	☺
	MC122-25.0W8XK-	25	90	153	97	25	8	☺
	MC122-25.0W8XL-	25	125	188	132	25	8	☺

Shoulder milling  $a_e \leq 0.05 \times D_c$  | Ordering example for the grade WJ30TF: MC122-06.0A4XK-WJ30TF

D1

**WALTER  
SELECT**

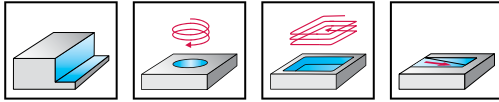
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

# Solid carbide shoulder milling cutters

MC111 Advance



- Type N 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30TF
<p>DIN 6535 HA</p>	MC111-02.0A4A-	2	4	50	14	6	4	☺
	MC111-03.0A4A-	3	5	50	14	6	4	☺
	MC111-04.0A4A-	4	8	54	18	6	4	☺
	MC111-05.0A4A-	5	9	54	18	6	4	☺
	MC111-06.0A4A-	6	10	54	18	6	4	☺
	MC111-07.0A4A-	7	11	58	22	8	4	☺
	MC111-08.0A4A-	8	12	58	22	8	4	☺
	MC111-10.0A4A-	10	14	66	26	10	4	☺
	MC111-12.0A4A-	12	16	73	28	12	4	☺
	MC111-14.0A4A-	14	18	75	30	14	4	☺
	MC111-16.0A4A-	16	22	82	34	16	4	☺
	MC111-18.0A4A-	18	24	84	36	18	4	☺
MC111-20.0A4A-	20	26	92	42	20	4	☺	
<p>DIN 6535 HB</p>	MC111-02.0W4A-	2	4	50	14	6	4	☺
	MC111-03.0W4A-	3	5	50	14	6	4	☺
	MC111-04.0W4A-	4	8	54	18	6	4	☺
	MC111-05.0W4A-	5	9	54	18	6	4	☺
	MC111-06.0W4A-	6	10	54	18	6	4	☺
	MC111-07.0W4A-	7	11	58	22	8	4	☺
	MC111-08.0W4A-	8	12	58	22	8	4	☺
	MC111-10.0W4A-	10	14	66	26	10	4	☺
	MC111-12.0W4A-	12	16	73	28	12	4	☺
	MC111-14.0W4A-	14	18	75	30	14	4	☺
	MC111-16.0W4A-	16	22	82	34	16	4	☺
	MC111-20.0W4A-	20	26	92	42	20	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: MC111-02.0A4A-WJ30TF

**WALTER  
SELECT**

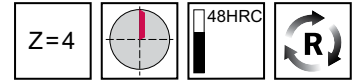
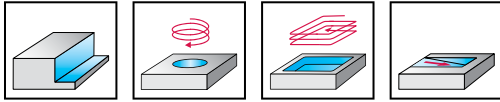
●● Primary application ● Other application  
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder milling cutters

MC111 Advance inch



- Type N 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> h10 inch	L <sub>c</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> 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	0,875	3,000	1,437	0,375	4	☺
	MC111.12.7A4D-	0,5000	1,000	3,500	1,717	0,500	4	☺
	MC111.15.9A4D-	0,6250	1,250	3,500	1,594	0,625	4	☺
	MC111.19.1A4D-	0,7500	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**

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

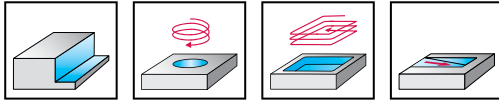


# Solid carbide shoulder milling cutters

MC112 Advance



- Long reach
- Type HSC 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool		$D_c$ h10 mm	$L_c$ mm	$l_1$ mm	$l_4$ mm	$d_1$ mm	Z	WJ30TF
	Designation							
	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	10	150	110	10	4	☺
	MC112-12.5A4X-	12,5	12	150	105	12	4	☺

DIN 6535 HA

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

D1

**WALTER SELECT** ●● Primary application ● Other application

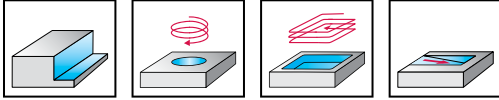
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

# Solid carbide shoulder milling cutters

MC112 Advance



- Long reach
- Type HSC 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

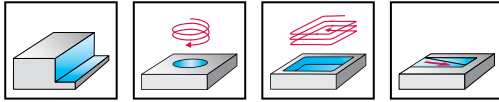
# Solid carbide shoulder milling cutters

H4044918

Protostar®



- Long reach
- Type HSC 30, mini



TAX	P	M	K	N	S	H	O
	●●			●			

Tool	Designation	D <sub>c</sub> h7 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

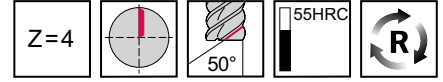
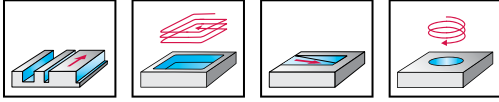
Slot milling  $a_p \leq 0.1 \times D_c$  | Shoulder milling  $a_e \leq 0.05 \times D_c$

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

**WALTER SELECT**

●● Primary application   ● Other application

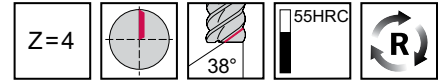
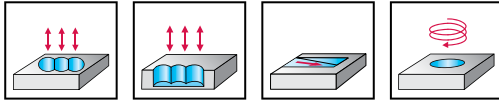
Best tool for → Good = ☺   → Average = ☹   → Poor = ☹☹ machining conditions

# Solid carbide plunge milling cutter

MD344 Supreme



- Long reach



	P	M	K	N	S	H	O
WK40TP	●●	●	●	●	●		

Tool		D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

**WALTER  
SELECT**

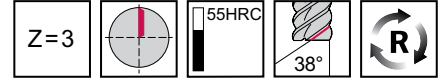
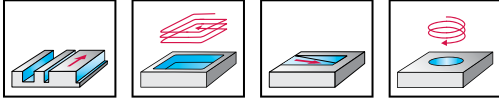
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MD340 Supreme

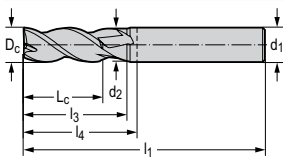


- Long reach



	P	M	K	N	S	H	O
WK40TP	●●	●	●	●	●		

## Tool



DIN 6535 HA

Designation	D <sub>c</sub> h9 mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h5 mm	Z	WK40TP
MD340-02.0A3PC-	2	5	8	1,9	57	21	6	3	●●
MD340-03.0A3PC-	3	7	11	2,9	57	21	6	3	●●
MD340-04.0A3PC-	4	9	15	3,8	57	21	6	3	●●
MD340-05.0A3PC-	5	11	16	4,8	57	21	6	3	●●
MD340-06.0A3PC-	6	13	19	5,7	57	21	6	3	●●
MD340-08.0A3PC-	8	18	25	7,6	63	27	8	3	●●
MD340-10.0A3PC-	10	22	30	9,5	72	32	10	3	●●
MD340-12.0A3PC-	12	26	36	11,4	83	38	12	3	●●
MD340-16.0A3PC-	16	34	42	15,2	92	44	16	3	●●
MD340-20.0A3PC-	20	42	52	19	104	54	20	3	●●
MD340-10.0W3PC-	10	22	30	9,5	72	32	10	3	●●
MD340-12.0W3PC-	12	26	36	11,4	83	38	12	3	●●
MD340-16.0W3PC-	16	34	42	15,2	92	44	16	3	●●
MD340-20.0W3PC-	20	42	52	19	104	54	20	3	●●

DIN 6535 HB

Slot milling  $a_p \leq 2.0 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WK40TP: MD340-02.0A3PC-WK40TP

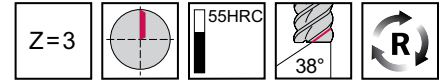
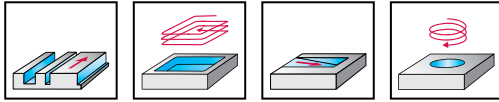
D1

**WALTER**  
**SELECT**

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

# Solid carbide shoulder/slot milling cutters

## MD340 Supreme inch



	P	M	K	N	S	H	O
WK40TP	●●		●				

Tool	Designation	D <sub>c</sub> h9	D <sub>c</sub> h9 inch	L <sub>c</sub> inch	l <sub>3</sub> inch	d <sub>2</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> h5 inch	Z	WK40TP
<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	0,227	0,34	0,090	2,500	1,083	0,250	3	☺
	MD340.3.18A3PC-	1/8"	0,1250	0,289	0,434	0,119	2,500	1,083	0,250	3	☺
	MD340.4.76A3PC-	3/16"	0,1875	0,414	0,622	0,178	2,500	1,083	0,250	3	☺
	MD340.6.35A3PC-	1/4"	0,2500	0,539	0,809	0,238	3,000	1,437	0,375	3	☺
	MD340.7.93A3PC-	5/16"	0,3125	0,664	0,996	0,297	3,000	1,437	0,375	3	☺
	MD340.9.53A3PC-	3/8"	0,3750	0,829	1,243	0,356	3,000	1,437	0,375	3	☺
	MD340.11.1A3PC-	7/16"	0,4375	0,954	1,43	0,416	3,500	1,717	0,500	3	☺
	MD340.12.7A3PC-	1/2"	0,5000	1,079	1,43	0,475	3,500	1,717	0,500	3	☺
	MD340.15.9A3PC-	5/8"	0,6250	1,329	1,535	0,594	3,500	1,594	0,625	3	☺
MD340.19.1A3PC-	3/4"	0,7500	1,579	1,890	0,713	4,000	1,969	0,750	3	☺	

Slot milling  $a_p \leq 2.0 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WK40TP: MD340.1.58A3PC-WK40TP

D1

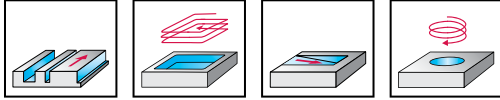
<b>WALTER SELECT</b>		●● Primary application   ● Other application
	Best tool for → Good = ☺   → Average = ☹   → Poor = ☹☹ machining conditions	

# 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 = ☹☹ machining conditions

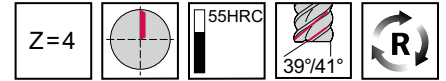
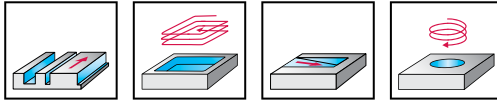


# Solid carbide shoulder/slot milling cutters

MD340 Supreme



- Long reach



	P	M	K	N	S	H	O
WK40TP	●●	●	●	●	●		

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

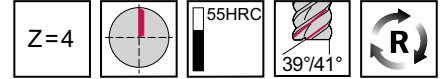
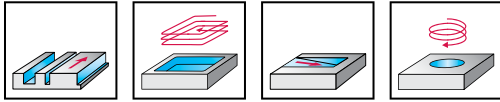
Slot milling  $a_p \leq 1.5 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WK40TP: MD340-03.0A4BC-WK40TP

D1

●● 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	Designation	D <sub>c</sub> h9	D <sub>c</sub> h9 inch	L <sub>c</sub> inch	l <sub>3</sub> inch	d <sub>2</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> h5 inch	Z	WK40TP
<p>Cylindrical shank</p>	MD340.6.35A4DC-	1/4"	0,2500	0,405	0,607	0,238	3,000	1,437	0,375	4	☺
	MD340.7.93A4DC-	5/16"	0,3125	0,506	0,759	0,297	3,000	1,437	0,375	4	☺
	MD340.9.53A4DC-	3/8"	0,3750	0,608	0,911	0,356	3,000	1,437	0,375	4	☺
	MD340.12.7A4DC-	1/2"	0,5000	0,810	1,215	0,475	3,500	1,717	0,500	4	☺
	MD340.15.9A4DC-	5/8"	0,6250	1,013	1,519	0,594	3,500	1,594	0,625	4	☺
	MD340.19.1A4DC-	3/4"	0,7500	1,215	1,822	0,713	4,000	1,969	0,750	4	☺

Slot milling  $a_p \leq 1.5 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WK40TP: MD340.12.7A4DC-WK40TP

D1

**WALTER SELECT** ●● Primary application   ● Other application

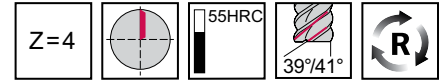
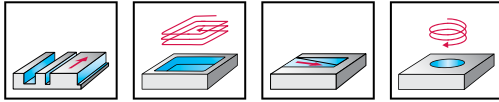
Best tool for → Good = ☺   → Average = ☹   → Poor = ☹☹ / ★ machining conditions

# Solid carbide shoulder/slot milling cutters

MD340 Supreme



- Long reach



	P	M	K	N	S	H	O
WK40TP	●●	●	●	●	●		

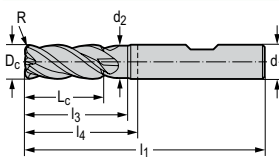
Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h5 mm	Z	WK40TP
<p>DIN 6535 HA</p>	MD340-03.0A4B020C-	3	0,2	5	9	2,9	57	21	6	4	●●
	MD340-03.0A4B050C-	3	0,5	5	9	2,9	57	21	6	4	●●
	MD340-04.0A4B020C-	4	0,2	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

D1

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

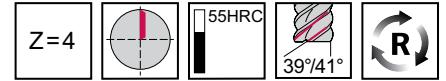
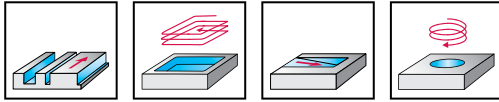
Best tool for → Good = ☺   → Average = ☹   → Poor = ☹☹ machining conditions

# Solid carbide shoulder/slot milling cutters

## MD340 Supreme inch



- Long reach



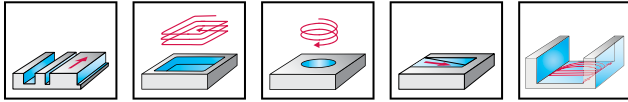
	P	M	K	N	S	H	O
WK40TP	●●	●	●	●	●	●	●

Tool		D <sub>c</sub> h9	D <sub>c</sub> h9 inch	R inch	L <sub>c</sub> inch	l <sub>3</sub> inch	d <sub>2</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> 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 <sub>c</sub> h9 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h5 mm	Z	WK40TP
<p>DIN 6535 HB</p>	MD340-06.0W5B-	6	13	57	21	6	5	☺
	MD340-08.0W5B-	8	19	63	27	8	5	☺
	MD340-10.0W5B-	10	22	72	32	10	5	☺
	MD340-12.0W5B-	12	26	83	38	12	5	☺
	MD340-16.0W5B-	16	32	92	44	16	5	☺
	MD340-20.0W5B-	20	38	104	54	20	5	☺
	MD340-25.0W5B-	25	45	121	65	25	5	☺

Slot milling  $a_p \leq 1.0 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WK40TP: MD340-06.0W5B-WK40TP

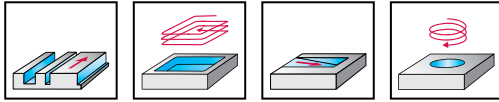
D1

**WALTER  
SELECT**

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

# Solid carbide shoulder/slot milling cutters

## MD340 Supreme inch



	P	M	K	N	S	H	O
Wk40TP	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h9	D <sub>c</sub> h9 inch	L <sub>c</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> h5 inch	Z	Wk40TP
	MD340.9.53W5D-	3/8"	0,3750	0,875	3,000	1,437	0,375	5	☺
	MD340.12.7W5D-	1/2"	0,5000	1,063	3,500	1,717	0,500	5	☺
	MD340.15.9W5D-	5/8"	0,6250	1,250	3,500	1,594	0,625	5	☺

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

D1

**WALTER  
SELECT**

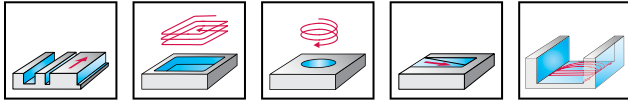
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MD340 Supreme



- Long reach



	P	M	K	N	S	H	O
WK40TP	●●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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 <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

D1

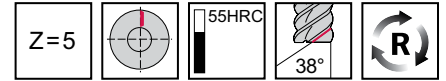
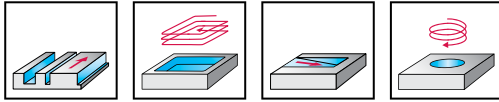
**WALTER**  
**SELECT**

●● 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	Designation	D <sub>c</sub> h9	D <sub>c</sub> h9 inch	R inch	L <sub>c</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> 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

D1

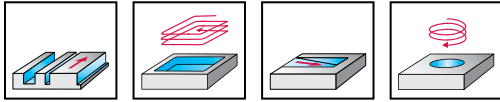
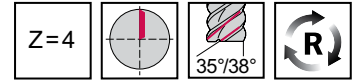
**WALTER  
SELECT**

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

## Solid carbide shoulder/slot milling cutters

H2034217 / H2134217 mm

**Proto-max™<sub>Inox</sub>**



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

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

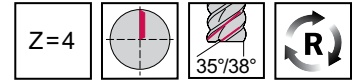
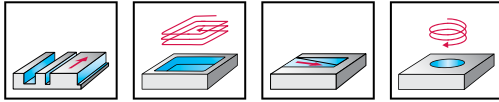
**WALTER  
SELECT**

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

# Solid carbide shoulder/slot milling cutter

AH2034217 inch

**Proto-max™<sub>Inox</sub>**



	P	M	K	N	S	H	O
TAA		●●			●		

Tool		D <sub>c</sub> h10	D <sub>c</sub> h10 inch	L <sub>c</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> inch	Z
	Designation							
	AH2034217-1/4	1/4"	0,2500	0,750	2,500	1,083	0,250	4
	AH2034217-3/8	3/8"	0,3750	0,875	3,000	1,437	0,375	4
	AH2034217-1/2	1/2"	0,5000	1,000	3,500	1,717	0,500	4
	AH2034217-5/8	5/8"	0,6250	1,250	3,500	1,594	0,625	4
	AH2034217-3/4	3/4"	0,7500	1,500	4,000	1,969	0,750	4

Cylindrical shank

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

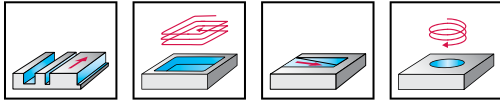
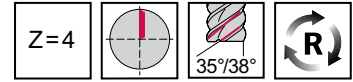
D1

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

# Solid carbide shoulder/slot milling cutters

H2038217 / H2138217 mm

**Proto-max™<sub>Inox</sub>**



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

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z
<p>DIN 6535 HA</p>	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	
<p>DIN 6535 HB</p>	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	

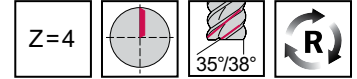
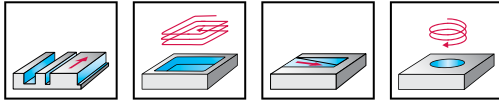
Slot milling  $a_p \leq 1.0 \times D_c$  | Shoulder milling  $a_e \leq 0.6 \times D_c$

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

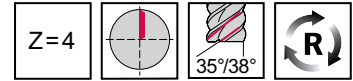
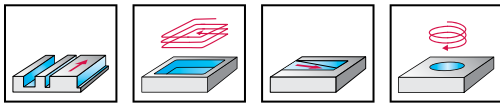
D1

**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	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

D1

**WALTER SELECT** ●● Primary application ● Other application

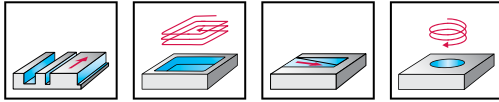
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MD266 Supreme



- Long reach



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool		D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>3</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>2</sub> mm	d <sub>1</sub> 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	8	16	57	20	3,8	6	2	☺
	MD266-05.0A2BC-	5	10	18	57	20	4,8	6	2	☺
	MD266-05.0A2LD-	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: MD266-02.0A2BE-WJ30UU

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

**WALTER  
SELECT**

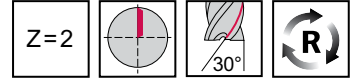
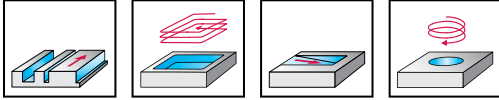
●● Primary application ● Other application  
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MD266 Supreme



- Long reach



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>2</sub> mm	d <sub>1</sub> mm	Z	WJ30UF
<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 <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>2</sub> mm	d <sub>1</sub> mm	Z	WJ30UF
<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

**WALTER**  
**SELECT**

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

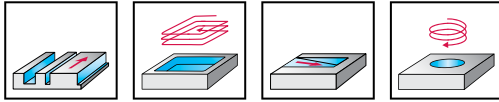


# Solid carbide shoulder/slot milling cutters

MD266 Supreme



- Long reach



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>2</sub> mm	d <sub>1</sub> 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		$D_c$ 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	Designation										
	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

**WALTER  
SELECT**

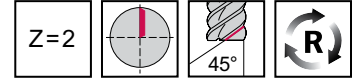
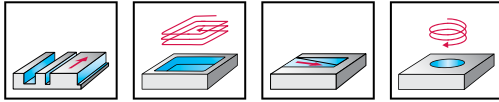
●● Primary application    ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MC267 Advance



- Type AI 45



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	d <sub>1</sub> 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	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

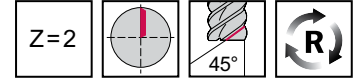
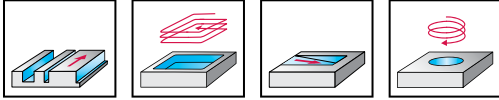
●● Primary application   ● Other application  
 Best tool for → Good = ☺   → Average = ☹   → Poor = ☹☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MC267 Advance



- Type Al 45



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>3</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	d <sub>2</sub> mm	d <sub>1</sub> 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	8	15	21	57	3,8	6	2	☺
	MC267-05.0A2BC-	5	10	16	21	57	4,8	6	2	☺
	MC267-06.0A2BC-	6	10	19	21	57	5,7	6	2	☺
	MC267-08.0A2BC-	8	16	25	27	63	7,6	8	2	☺
	MC267-10.0A2BC-	10	19	30	32	72	9,5	10	2	☺
	MC267-12.0A2BC-	12	22	36	38	83	11,4	12	2	☺
	MC267-16.0A2BC-	16	26	42	44	92	15,2	16	2	☺
	MC267-20.0A2BC-	20	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

**WALTER SELECT** ●● Primary application ● Other application

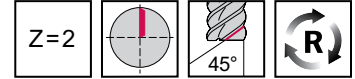
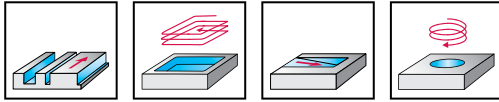
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MC267 Advance



- Type AI 45



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	d <sub>2</sub> mm	d <sub>1</sub> mm	Z	WJ30UU
<p>DIN 6535 HA</p>	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

**WALTER  
SELECT**

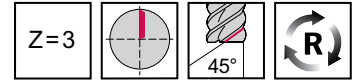
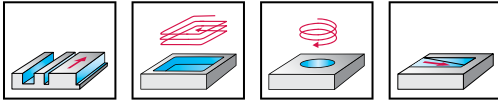
●● Primary application ● Other application  
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MC267 Advance



- Type Al 45



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

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	d <sub>2</sub> mm	d <sub>1</sub> h6 mm	Z	Material	
											WJ30CA	WJ30UU
<p>DIN 6535 HA</p>	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

D1

**WALTER  
SELECT**

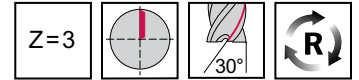
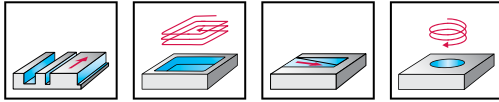
●● Primary application ● Other application  
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MD265 Supreme



- Long reach



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

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

**WALTER  
SELECT**

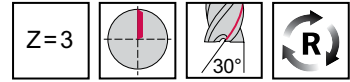
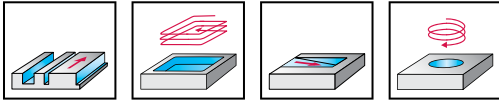
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MD265 Supreme



- Long reach



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

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h5 mm	Z	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

D1

**WALTER SELECT**

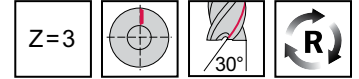
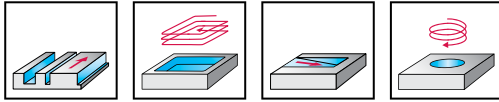
●● Primary application ● Other application

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



# Solid carbide shoulder/slot milling cutters

MC268 Advance



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	d <sub>1</sub> h6 mm	Z	WJ30UU
<p>DIN 6535 HA</p>	MC268-06.0A3B-	6	14	21	57	6	3	☺
	MC268-08.0A3B-	8	20	27	63	8	3	☺
	MC268-10.0A3B-	10	23	32	72	10	3	☺
	MC268-12.0A3B-	12	27	38	83	12	3	☺
	MC268-16.0A3B-	16	32	44	92	16	3	☺
	MC268-20.0A3B-	20	38	54	104	20	3	☺

Nutfräsen  $a_p \leq 1.0 \times D_c$  | Eckfräsen  $a_e \leq 0.6 \times D_c$  | Bestellbeispiel für die Sorte WJ30UU: MC268-06.0A3B-WJ30UU

	Bezeichnung	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	d <sub>1</sub> h6 mm	Z	WJ30UF
<p>DIN 6535 HA</p>	MC268-16.0A3LC-	16	32	50	15,2	52	100	16	3	☺
	MC268-20.0A3BC-	20	35	52	19	54	104	20	3	☺
	MC268-25.0A3BC-	25	45	63	23,8	65	121	25	3	☺
	MC268-25.0A3LC-	25	30	82	23,8	84	140	25	3	☺
<p>DIN 6535 HA</p>	MC268-06.0A3LD-	6	11	24	5,5	29	65	6	3	☺
	MC268-08.0A3LC-	8	12	29	7,5	36	72	8	3	☺
	MC268-10.0A3LC-	10	15	35	9,5	43	83	10	3	☺
	MC268-12.0A3LD-	12	15	50	11,4	55	100	12	3	☺

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 WJ30UU: MC268-06.0A3B-WJ30UU

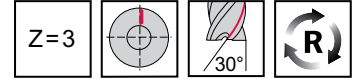
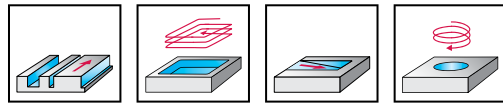
D1

**WALTER SELECT** ●● Primary application ● Other application

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

# Solid carbide shoulder/slot milling cutters

MC268 Advance



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool	Designation	D <sub>c</sub> h10 mm	R mm	L <sub>c</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	d <sub>1</sub> h6 mm	Z	INDEXTM WJ30UU
 DIN 6535 HA	MC268-06.0A3B050-	6	0,5	14	21	57	6	3	☺
	MC268-06.0A3B100-	6	1	14	21	57	6	3	☺
	MC268-08.0A3B050-	8	0,5	20	27	63	8	3	☺
	MC268-08.0A3B100-	8	1	20	27	63	8	3	☺
	MC268-08.0A3B200-	8	2	20	27	63	8	3	☺
	MC268-10.0A3B050-	10	0,5	23	32	72	10	3	☺
	MC268-10.0A3B100-	10	1	23	32	72	10	3	☺
	MC268-10.0A3B200-	10	2	23	32	72	10	3	☺
	MC268-12.0A3B100-	12	1	27	38	83	12	3	☺
	MC268-12.0A3B200-	12	2	27	38	83	12	3	☺
MC268-12.0A3B300-	12	3	27	38	83	12	3	☺	

Nutfräsen  $a_p \leq 1,0 \times D_c$  | Eckfräsen  $a_e \leq 0,6 \times D_c$  | Bestellbeispiel für die Sorte WJ30UU: MC268-06.0A3B050-WJ30UU

Bezeichnung	D <sub>c</sub> h10 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	d <sub>1</sub> h6 mm	Z	INDEXTM WJ30UU	
 DIN 6535 HA	MC268-06.0A3L050D-	6	0,5	11	24	5,5	29	65	6	3	☺
	MC268-06.0A3L100D-	6	1	11	24	5,5	29	65	6	3	☺
	MC268-08.0A3L050C-	8	0,5	12	29	7,5	36	72	8	3	☺
	MC268-08.0A3L100C-	8	1	12	29	7,5	36	72	8	3	☺
	MC268-08.0A3L200C-	8	2	12	29	7,5	36	72	8	3	☺
	MC268-10.0A3L050C-	10	0,5	15	36	9,5	43	83	10	3	☺
	MC268-10.0A3L100C-	10	1	15	36	9,5	43	83	10	3	☺
	MC268-10.0A3L200C-	10	2	15	35	9,5	43	83	10	3	☺
	MC268-12.0A3L100D-	12	1	15	50	11,4	55	100	12	3	☺
	MC268-12.0A3L200D-	12	2	15	50	11,4	55	100	12	3	☺
MC268-12.0A3L300D-	12	3	15	50	11,4	55	100	12	3	☺	

 DIN 6535 HA	MC268-16.0A3L200C-	16	2	32	50	15,2	52	100	16	3	☺
	MC268-16.0A3L300C-	16	3	32	50	15,2	52	100	16	3	☺
	MC268-16.0A3L400C-	16	4	32	50	15,2	52	100	16	3	☺
	MC268-20.0A3B300C-	20	3	35	52	19	54	104	20	3	☺
	MC268-20.0A3B400C-	20	4	35	52	19	54	104	20	3	☺
	MC268-25.0A3B300C-	25	3	45	63	23,8	65	121	25	3	☺
MC268-25.0A3L300C-	25	3	30	82	23,8	84	140	25	3	☺	
MC268-25.0A3B400C-	25	4	45	63	23,8	65	121	25	3	☺	
MC268-25.0A3L400C-	25	4	30	82	23,8	84	140	25	3	☺	

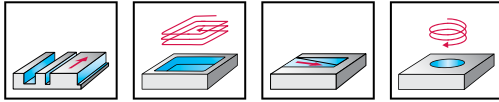
Slot milling  $a_p \leq 1,0 \times D_c$  | Shoulder milling  $a_e \leq 0,6 \times D_c$  | Ordering example for the grade WJ30UU: MC268-06.0A3B050-WJ30UU

**WALTER**  
**SELECT**

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

# Solid carbide shoulder/slot milling cutters

MC268 Advance



	P	M	K	N	S	H	O
WJ30UU				●●			

Tool		$D_c$ h10 mm	R mm	$L_c$ mm	$l_3$ mm	$d_2$ mm	$l_4$ mm	$l_1$ mm	$d_1$ h6 mm	Z	WJ30UU
<p>DIN 6535 HA</p>	Designation										
	MC268-16.0A4L200C-	16	2	32	50	15,2	52	100	16	4	☺
	MC268-16.0A4L300C-	16	3	32	50	15,2	52	100	16	4	☺
	MC268-16.0A4L400C-	16	4	32	50	15,2	52	100	16	4	☺
	MC268-20.0A4B300C-	20	3	40	52	19	54	104	20	4	☺
	MC268-20.0A4B400C-	20	4	40	52	19	54	104	20	4	☺
	MC268-25.0A4B300C-	25	3	45	63	23,8	65	121	25	4	☺
MC268-25.0A4B400C-	25	4	45	63	23,8	65	121	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 WJ30UU: MC268-16.0A4L200C-WJ30UU

**WALTER  
SELECT**

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

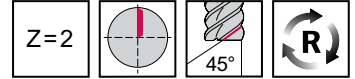
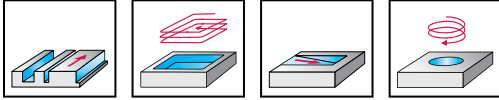
# Solid carbide shoulder/slot milling cutters

H602551

**Protostar®**



- Type Al 45, long



	P	M	K	N	S	H	O
uncoated				●●			

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

**WALTER SELECT** ●● Primary application ● Other application

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

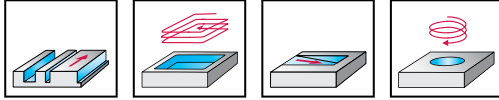
# Solid carbide shoulder/slot milling cutters

H901451

**Protostar®**



- Type AI 30



	P	M	K	N	S	H	O
uncoated				●●			

Tool		$D_c$ h10 mm	$L_c$ mm	$l_1$ mm	$l_4$ mm	$d_1$ mm	Z
<p>DIN 6535 HA</p>	Designation						
	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	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

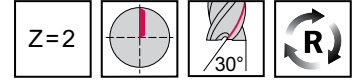
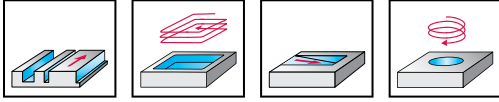
## Solid carbide shoulder/slot milling cutters

H901411

**Protostar®**



- Type Al 30



	P	M	K	N	S	H	O
uncoated				●●			

Tool	Designation	$D_c$ h10 mm	$L_c$ 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	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

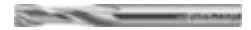
**WALTER  
SELECT**

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

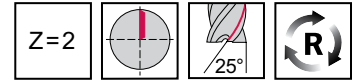
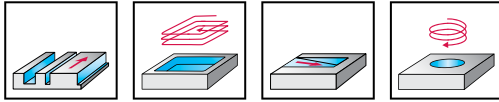
# Solid carbide shoulder/slot milling cutters

H602641

**Protostar®**



- Type AI 25



	P	M	K	N	S	H	O
uncoated				●●			

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z
<p>DIN 6535 HA</p>	H602641-2	2	8	38	10,5	3	2
	H602641-3	3	12	38	10	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	32	90	50	10	2
	H602641-12	12	38	100	55	12	2
	H602641-16	16	50	115	67	16	2
	H602641-20	20	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**

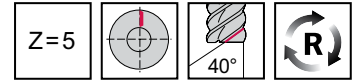
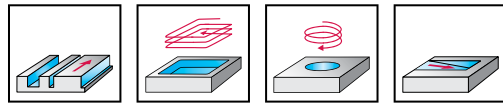
●● Primary application ● Other application  
 Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

# Solid carbide shoulder/slot milling cutter

MD377 Supreme



- Long reach
- Type HPC Ti40



	P	M	K	N	S	H	O
WK40TZ		●			●●		

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

D1

**WALTER SELECT** ●● Primary application ● Other application

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

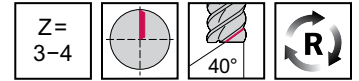
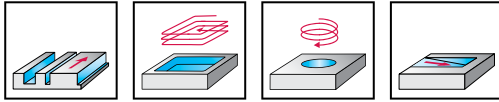


# Solid carbide shoulder/slot milling cutter

MC377 Advance



- Long reach
- Type Ti 40



	P	M	K	N	S	H	O
WK40EA	●	●			●●		

Tool		D <sub>c</sub> h9 mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h5 mm	Z	WK40EA
<p>DIN 6535 HA</p>	Designation									
	MC377-02.0A3BC-	2	6	10	1,9	57	21	6	3	☹
	MC377-03.0A4BC-	3	8	10	2,9	57	21	6	4	☹
	MC377-04.0A4BC-	4	11	15	3,8	57	21	6	4	☹
	MC377-05.0A4BC-	5	13	16	4,8	57	21	6	4	☹
	MC377-06.0A4BC-	6	13	19	5,7	57	21	6	4	☹
	MC377-08.0A4BC-	8	19	25	7,6	63	27	8	4	☹
	MC377-10.0A4BC-	10	22	30	9,5	72	32	10	4	☹
MC377-12.0A4BC-	12	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

D1

**WALTER SELECT**

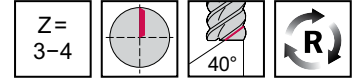
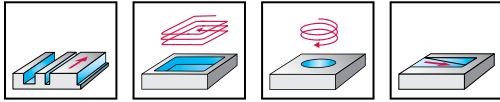
 ●● Primary application   ● Other application  
 Best tool for → Good = ☺   → Average = ☹   → Poor = ☹☹ machining conditions

# Solid carbide shoulder/slot milling cutter

MC377 Advance



- Long reach
- Type Ti 40



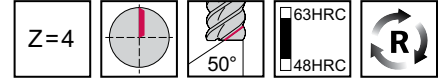
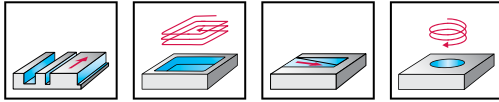
	P	M	K	N	S	H	O
WK40EA	●	●	●	●	●	●	●

Tool		D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h5 mm	Z	WK40EA
<p>DIN 6535 HA</p>	Designation										
	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	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WB10TG
<p>DIN 6535 HA</p>	MC388-06.0A4B-	6	13	57	21	6	4	☺
	MC388-08.0A4B-	8	19	63	27	8	4	☺
	MC388-10.0A4B-	10	22	72	32	10	4	☺
	MC388-12.0A4B-	12	26	83	38	12	4	☺
<p>DIN 6535 HB</p>	MC388-06.0W4B-	6	13	57	21	6	4	☺
	MC388-08.0W4B-	8	19	63	27	8	4	☺
	MC388-10.0W4B-	10	22	72	32	10	4	☺
	MC388-12.0AWB-	12	26	83	38	12	4	☺

Slot milling  $a_p \leq 0.9 \times D_c$  | Shoulder milling  $a_e \leq 0.3 \times D_a$  | Ordering example for the grade WB10TG: MC388-06.0A4B-WB10TG

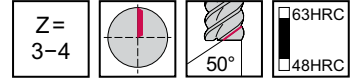
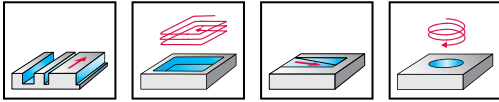
D1

**WALTER SELECT** ●● Primary application ● Other application

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

# Solid carbide shoulder/slot milling cutter

MC388 Advance



	P	M	K	N	S	H	O
WB10TG	●					●●	

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WB10TG
 DIN 6535 HA	MC388-02.0A3B-	2	7	57	21	6	3	☺
	MC388-03.0A3B-	3	8	57	21	6	3	☺
	MC388-04.0A3B-	4	11	57	21	6	3	☺
	MC388-05.0A3B-	5	13	57	21	6	3	☺
	MC388-06.0A4L-	6	13	65	29	6	4	☺
	MC388-08.0A4L-	8	19	80	44	8	4	☺
	MC388-10.0A4L-	10	22	100	60	10	4	☺
	MC388-12.0A4L-	12	26	100	55	12	4	☺

Slot milling  $a_p \leq 0.9 \times D_c$  | Shoulder milling  $a_e \leq 0.3 \times D_a$  | Ordering example for the grade WB10TG: MC388-02.0A3B-WB10TG

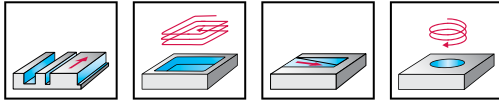
D1

**WALTER SELECT** ●● Primary application   ● Other application

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

# Solid carbide shoulder/slot milling cutter

MC388 Advance inch



Z= 3-4

63HRC  
 48HRC

	P	M	K	N	S	H	O
WB10TG	●					●●	

Tool	Designation	D <sub>c</sub> h10	D <sub>c</sub> h10 inch	L <sub>c</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> inch	Z	WB10TG
<p>Cylindrical shank</p>	MC388.3.18A3L-	1/8"	0,1250	0,500	2,500	1,083	0,250	3	☺
	MC388.6.35A4L-	1/4"	0,2500	0,750	2,500	1,083	0,250	4	☺
	MC388.9.53A4L-	3/8"	0,3750	0,875	3,000	1,437	0,375	4	☺
	MC388.12.7A4L-	1/2"	0,5000	1,000	3,500	1,717	0,500	4	☺

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

D1

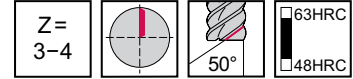
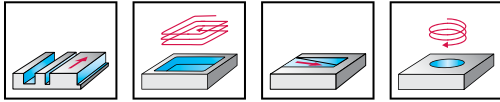
WALTER SELECT

●● Primary application    ● Other application

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

# Solid carbide shoulder/slot milling cutter

MC388 Advance



	P	M	K	N	S	H	O
WB10TG	●					●●	

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

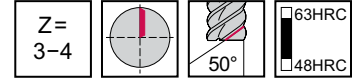
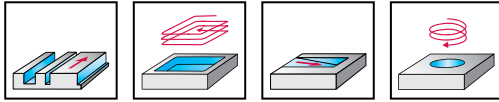
D1

**WALTER SELECT** ●● Primary application   ● Other application

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

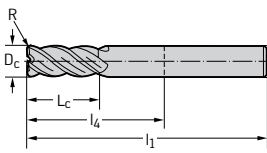
# Solid carbide shoulder/slot milling cutter

MC388 Advance inch



	P	M	K	N	S	H	O
WB10TG	●					●●	

Tool										WB10TG
Designation	$D_c$ h10	$D_c$ h10 inch	R inch	$L_c$ inch	$l_1$ inch	$l_4$ inch	$d_1$ inch	Z		
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

**WALTER  
SELECT**

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

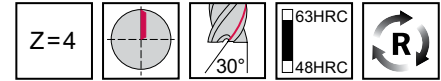
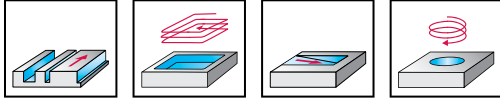
# Solid carbide shoulder/slot milling cutters

H8015828

Protostar® Ultra



- Long reach
- Type HSC 30



	P	M	K	N	S	H	O
TAX						●●	

Tool	Designation	D <sub>c</sub> h7 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

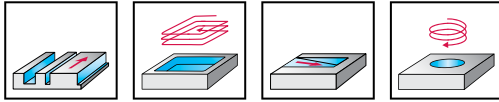


# Solid carbide shoulder/slot milling cutter

MC281 Advance



- Long reach



	P	M	K	N	S	H	O
WB10TG						●●	

Tool	Designation	D <sub>c</sub> h7 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WB10TG
<p>DIN 6535 HA</p>	MC281-01.0A2M020B-	1	0,2	1	2	1	50	22	4	2	☺
	MC281-01.0A2M020F-	1	0,2	1	6	1	50	22	4	2	☺
	MC281-01.0A2M020H-	1	0,2	1	10	1	50	22	4	2	☺
	MC281-1.25A2M020D-	1,25	0,2	1,25	5	1,2	50	22	4	2	☺
	MC281-01.5A2M020C-	1,5	0,2	1,5	4	1,5	50	22	4	2	☺
	MC281-01.5A2M020E-	1,5	0,2	1,5	8	1,5	50	22	4	2	☺
	MC281-01.5A2M020G-	1,5	0,2	1,5	12	1,5	50	22	4	2	☺
	MC281-02.0A2M020B-	2	0,2	2	4	2	50	22	4	2	☺
	MC281-02.0A2M020C-	2	0,2	2	6	2	50	22	4	2	☺
	MC281-02.0A2M020F-	2	0,2	2	12	2	50	22	4	2	☺
	MC281-02.0A2M020G-	2	0,2	2	16	2	50	22	4	2	☺
	MC281-03.0A2M020C-	3	0,2	3	8	3	50	22	4	2	☺
	MC281-03.0A2M020E-	3	0,2	3	16	3	50	22	4	2	☺
	MC281-03.0A2M020F-	3	0,2	3	20	3	60	32	4	2	☺
	MC281-04.0A2M050C-	4	0,5	4	12	4	65	29	6	2	☺
	MC281-04.0A2M050E-	4	0,5	4	20	4	65	29	6	2	☺

Slot milling  $a_p \leq 0.1 \times D_c$  | Shoulder milling  $a_e \leq 0.1 \times D_c$  | Ordering example for the grade WB10TG: MC281-01.0A2M020B-WB10TG

D1

**WALTER SELECT** ●● Primary application ● Other application

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

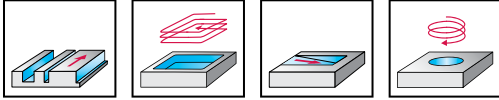
# Solid carbide shoulder/slot milling cutters

H8005828

**Protostar® Ultra**



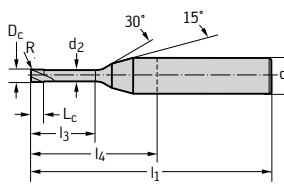
- Long reach
- Type HSC 30



	P	M	K	N	S	H	O
TAX						●●	

## Tool

Designation	D <sub>c</sub> h7 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z
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** ●● Primary application ● Other application

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

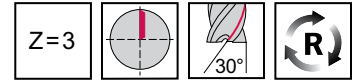
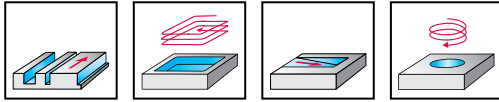
# Solid carbide shoulder/slot milling cutters

H3027419

**Protostar®**



- Type 30



	P	M	K	N	S	H	O
DIA							●●

Tool		$D_c$ h10 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	32	100	60	10	3
H3027419-12	12	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

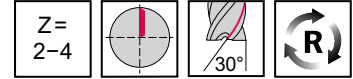
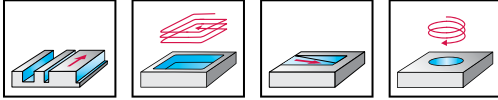
## Solid carbide shoulder/slot milling cutters

H8095919

**Protostar®**



- Long reach
- Type HSC 30



	P	M	K	N	S	H	O
DIA							●●

Tool		D <sub>c</sub> h8 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

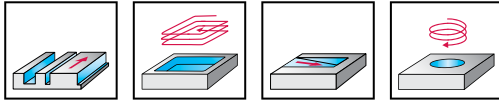
# Solid carbide shoulder/slot milling cutters

H4044919

**Protostar®**



- Long reach
- Type HSC 30, mini



	P	M	K	N	S	H	O
DIA							●●

Tool		D <sub>c</sub> h8 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

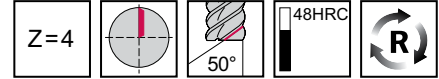
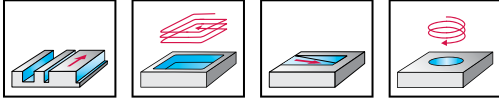
●● Primary application   ● Other application  
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

# Solid carbide shoulder/slot milling cutters

## MC326 Supreme inch



- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub>	D <sub>c</sub> inch	L <sub>c</sub>	h <sub>1</sub>	l <sub>4</sub>	d <sub>1</sub> h6 inch	Z	WK40TF
 Cylindrical shank	MC326.6.35A4C-	1/4"	0,2500	0,375	2,000	0,583	0,250	4	☺
	MC326.7.94A4C-	5/16"	0,3126	0,500	2,500	0,937	0,312	4	☺
	MC326.9.53A4C-	3/8"	0,3750	0,500	2,500	0,937	0,375	4	☺
	MC326.12.7A4C-	1/2"	0,5000	0,625	3,000	1,217	0,500	4	☺
	MC326.15.9A4C-	5/8"	0,6250	0,750	3,000	1,094	0,625	4	☺

Nutfräsen  $a_p \leq 0,9 \times D_c$  | Eckfräsen  $a_e \leq 0,3 \times D_c$  | Bestellbeispiel für die Sorte WK40TF: MC326.12.7A4C-WK40TF

	Bezeichnung	D <sub>c</sub>	D <sub>c</sub> inch	L <sub>c</sub>	h <sub>1</sub>	l <sub>4</sub>	d <sub>1</sub> h6 inch	Z	WK40TF
 Cylindrical shank	MC326.7.94A4D-	5/16"	0,3126	0,813	3,000	1,437	0,312	4	☺
	MC326.12.7A4D-	1/2"	0,5000	1,000	3,500	1,717	0,500	4	☺
	MC326.12.7A4DI-	1/2"	0,5000	1,250	3,500	1,717	0,500	4	☺
	MC326.15.9A4D-	5/8"	0,6250	1,250	3,500	1,594	0,625	4	☺
	MC326.19.1A4D-	3/4"	0,7500	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**

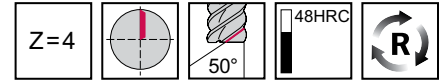
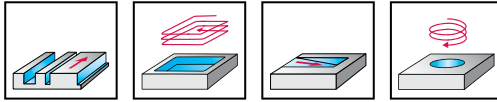
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

# Solid carbide shoulder/slot milling cutters

## MC326 Supreme inch



- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub>	D <sub>c</sub> inch	R inch	L <sub>c</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> 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	0,312	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	●●

Nutfräsen  $a_p \leq 0,9 \times D_c$  | Eckfräsen  $a_e \leq 0,3 \times D_c$  | Bestellbeispiel für die Sorte WK40TF: MC326.12.7A4C038-WK40TF

	Bezeichnung	D <sub>c</sub>	D <sub>c</sub> inch	R inch	L <sub>c</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> h6 inch	Z	WK40TF
<p>Cylindrical shank</p>	MC326.7.94A4D076-	5/16"	0,3125	0,030	0,813	3,000	1,437	0,312	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

D1

**WALTER  
SELECT**

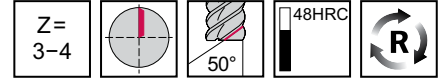
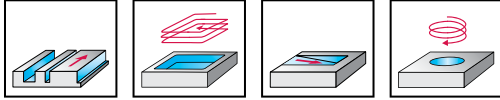
●● Primary application ● Other application  
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

# Solid carbide shoulder/slot milling cutters

MC326 Supreme



- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

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

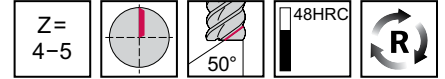
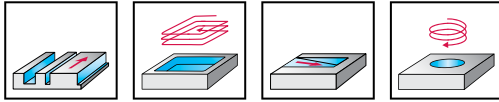


# Solid carbide shoulder/slot milling cutters

MC326 Supreme



- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

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

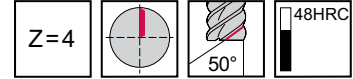
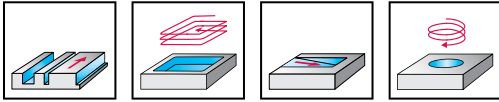
D1

WALTER  
SELECT

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

# Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

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

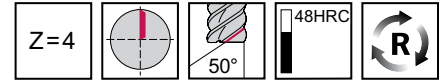
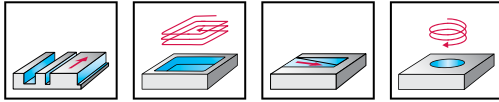
Best tool for → Good = ☺   → Average = ☹   → Poor = ☹☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MC326 Supreme



- Long reach
- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

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

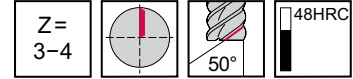
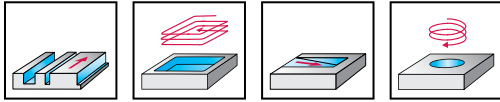
D1

WALTER  
SELECT

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

# Solid carbide shoulder/slot milling cutters

MC326 Supreme



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●	●	●

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

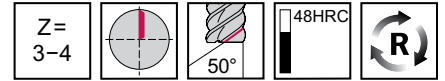
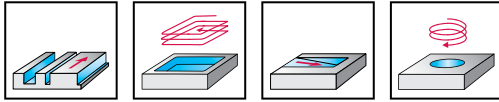
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

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

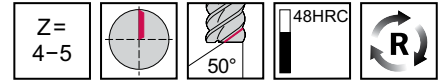
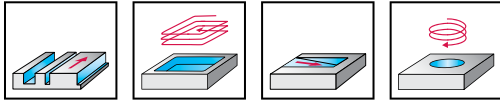
Slot milling  $a_p \leq 0.9 \times D_c$  | Shoulder milling  $a_e \leq 0.3 \times D_c$  | Ordering example for the grade WK40TF: MC326.11.1A4LC-WK40TF

# Solid carbide shoulder/slot milling cutters

## MC326 Supreme inch

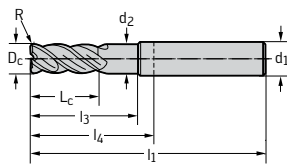


- Long reach
- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

### Tool



Cylindrical shank

Designation	D <sub>c</sub> h9	D <sub>c</sub> h9 inch	R inch	L <sub>c</sub> inch	l <sub>3</sub> inch	d <sub>2</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> inch	Z	WK40TF
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**

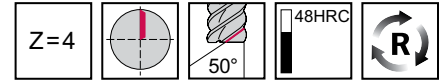
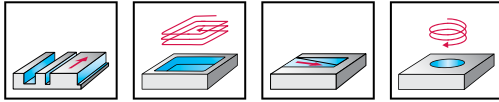
●● Primary application ● Other application  
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MC326 Supreme



- Long reach
- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

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

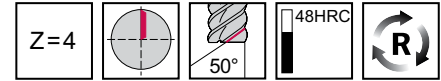
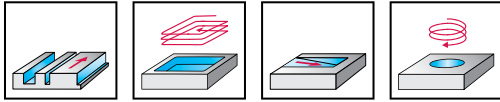
●● Primary application ● Other application  
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



- Long reach
- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●	●	●

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

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

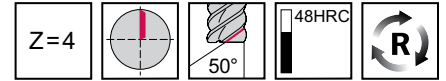
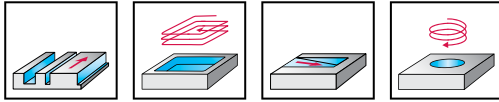


# Solid carbide shoulder/slot milling cutters

MC326 Supreme



- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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**

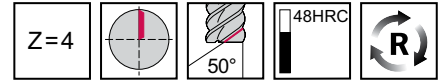
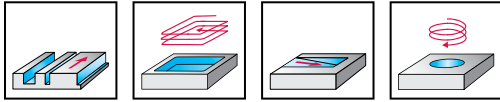
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h9	D <sub>c</sub> h9 inch	R inch	L <sub>c</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> 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**

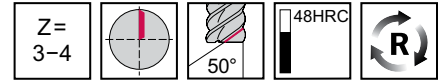
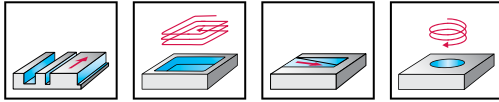
●● Primary application ● Other application  
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MC326 Supreme



- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●		●		

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

D1

**WALTER  
SELECT**

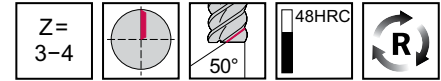
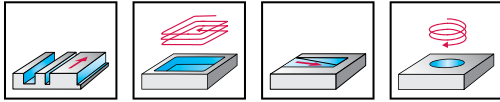
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MC326 Supreme



- Long reach
- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

**WALTER**  
**SELECT**

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

Tool		Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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	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	☺	

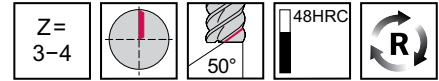
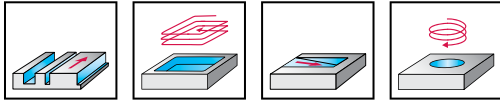
Slot milling  $a_p \leq 0.9 \times D_c$  | Shoulder milling  $a_e \leq 0.3 \times D_c$  | Ordering example for the grade WK40TF: MC326-02.0A3B020C-WK40TF

# 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 <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WK40TF
<p>DIN 6535 HA</p>	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	☺	
<p>DIN 6535 HB</p>	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	☺

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		D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WK40TF
<p>DIN 6535 HB</p>	Designation										
	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

D1

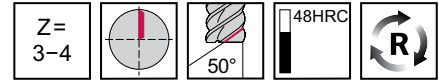
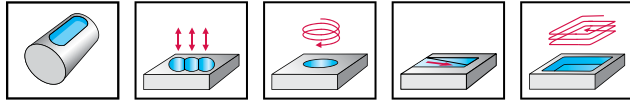
●● Primary application   ● Other application  
 Best tool for → Good = ☺   → Average = ☹   → Poor = ☹☹ machining conditions

# Solid carbide routing cutters

## MC726 Supreme



- Type N 50



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> e8 mm	R mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

**WALTER  
SELECT**

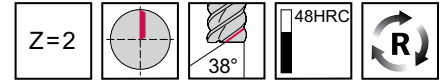
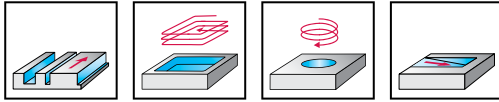
●● Primary application ● Other application  
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions



# Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

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

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

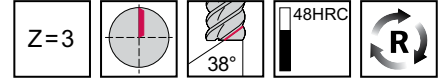
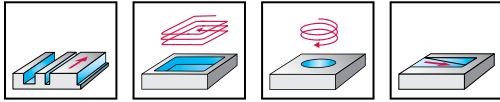
D1

●● 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 <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h5 mm	Z	WK40TF
<p>DIN 6535 HA</p>	MC230-02.0A3S-	2	3	39	12	6	3	☺
	MC230-03.0A3S-	3	4	39	12	6	3	☺
	MC230-04.0A3S-	4	5	39	12	6	3	☺
	MC230-05.0A3S-	5	6	39	12	6	3	☺
	MC230-06.0A3S-	6	7	39	12	6	3	☺
	MC230-08.0A3S-	8	9	44	17	8	3	☺
	MC230-10.0A3S-	10	11	51	20	10	3	☺
	MC230-12.0A3S-	12	13	56	22	12	3	☺

Slot milling  $a_p \leq 0.8 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WK40TF: MC230-02.0A3S-WK40TF

D1

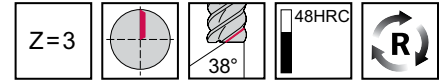
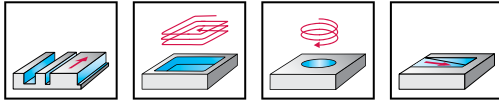
**WALTER  
SELECT**

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

# Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h5 mm	Z	WK40TF
<p>DIN 6535 HA</p>	MC230-02.0A3B-	2	6	57	21	6	3	☺
	MC230-02.5A3B-	2,5	7	57	21	6	3	☺
	MC230-03.0A3B-	3	7	57	21	6	3	☺
	MC230-03.5A3B-	3,5	7	57	21	6	3	☺
	MC230-04.0A3B-	4	8	57	21	6	3	☺
	MC230-04.5A3B-	4,5	8	57	21	6	3	☺
	MC230-05.0A3B-	5	10	57	21	6	3	☺
	MC230-05.5A3B-	5,5	10	57	21	6	3	☺
	MC230-06.0A3B-	6	10	57	21	6	3	☺
	MC230-06.5A3B-	6,5	13	63	27	8	3	☺
	MC230-07.0A3B-	7	13	63	27	8	3	☺
	MC230-07.5A3B-	7,5	16	63	27	8	3	☺
	MC230-08.0A3B-	8	16	63	27	8	3	☺
	MC230-09.0A3B-	9	16	72	32	10	3	☺
	MC230-10.0A3B-	10	19	72	32	10	3	☺
	MC230-11.0A3B-	11	22	83	38	12	3	☺
	MC230-12.0A3B-	12	22	83	38	12	3	☺
	MC230-13.0A3B-	13	22	83	38	14	3	☺
	MC230-14.0A3B-	14	22	83	38	14	3	☺
	MC230-15.0A3B-	15	26	92	44	16	3	☺
MC230-16.0A3B-	16	26	92	44	16	3	☺	
MC230-18.0A3B-	18	26	92	44	18	3	☺	
MC230-20.0A3B-	20	32	104	54	20	3	☺	
<p>DIN 6535 HB</p>	MC230-01.0W3B-	1	3	57	21	6	3	☺
	MC230-01.5W3B-	1,5	3	57	21	6	3	☺
	MC230-02.0W3B-	2	6	57	21	6	3	☺
	MC230-02.5W3B-	2,5	7	57	21	6	3	☺
	MC230-03.0W3B-	3	7	57	21	6	3	☺
	MC230-03.5W3B-	3,5	7	57	21	6	3	☺
	MC230-04.0W3B-	4	8	57	21	6	3	☺
	MC230-04.5W3B-	4,5	8	57	21	6	3	☺
	MC230-05.0W3B-	5	10	57	21	6	3	☺
	MC230-05.5W3B-	5,5	10	57	21	6	3	☺
	MC230-06.0W3B-	6	10	57	21	6	3	☺

Slot milling  $a_p \leq 1.0 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WK40TF: MC230-02.0A3B-WK40TF

**WALTER SELECT**

●● Primary application ● Other application

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

D1

Tool		$D_c$ h10 mm	$L_c$ mm	$l_1$ mm	$l_4$ mm	$d_1$ h5 mm	Z	WK40TF
 DIN 6535 HB	MC230-08.0W3B-	8	16	63	27	8	3	☹
	MC230-09.0W3B-	9	16	72	32	10	3	☹
	MC230-10.0W3B-	10	19	72	32	10	3	☹
	MC230-12.0W3B-	12	22	83	38	12	3	☹
	MC230-14.0W3B-	14	22	83	38	14	3	☹
	MC230-16.0W3B-	16	26	92	44	16	3	☹
	MC230-20.0W3B-	20	32	104	54	20	3	☹
 DIN 6535 HA	MC230-01.0A3BJ-	1	3	38	10	3	3	☹
	MC230-01.1A3BJ-	1,1	3	38	10	3	3	☹
	MC230-01.2A3BJ-	1,2	3	38	10	3	3	☹
	MC230-01.3A3BJ-	1,3	3	38	10	3	3	☹
	MC230-01.4A3BJ-	1,4	3	38	10	3	3	☹
	MC230-01.5A3BJ-	1,5	3	38	10	3	3	☹
	MC230-01.6A3BJ-	1,6	3	38	10	3	3	☹
	MC230-01.7A3BJ-	1,7	3	38	10	3	3	☹
	MC230-01.8A3BJ-	1,8	3	38	10	3	3	☹
	MC230-01.9A3BJ-	1,9	3	38	10	3	3	☹
	MC230-02.0A3BJ-	2	3	38	10	3	3	☹
	MC230-02.1A3BJ-	2,1	3	38	10	3	3	☹
	MC230-02.2A3BJ-	2,2	3	38	10	3	3	☹
	MC230-02.3A3BJ-	2,3	3	38	10	3	3	☹
	MC230-02.4A3BJ-	2,4	3	38	10	3	3	☹
	MC230-02.5A3BJ-	2,5	3	38	10	3	3	☹
	MC230-02.6A3BJ-	2,6	3	38	10	3	3	☹
	MC230-02.7A3BJ-	2,7	3	38	10	3	3	☹
	MC230-02.8A3BJ-	2,8	3	38	10	3	3	☹
	MC230-02.9A3BJ-	2,9	3	38	10	3	3	☹
	MC230-03.0A3BJ-	3	3	38	10	3	3	☹

Slot milling  $a_p \leq 1.0 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WK40TF: MC230-02.0A3B-WK40TF

D1

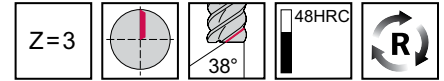
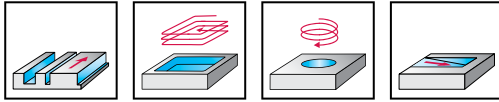
 WALTER  
SELECT

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

# Solid carbide shoulder/slot milling cutters

MC230 Advance

**Xill-tec®**



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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	8	38	10	3	3	☺
	MC230-03.0A3L-	3	12	38	12	3	3	☺
	MC230-04.0A3L-	4	14	50	22	4	3	☺
	MC230-05.0A3L-	5	16	57	21	6	3	☺
	MC230-06.0A3L-	6	22	65	29	6	3	☺
	MC230-08.0A3L-	8	28	80	44	8	3	☺
	MC230-10.0A3L-	10	32	100	60	10	3	☺
	MC230-12.0A3L-	12	38	100	55	12	3	☺
	MC230-16.0A3L-	16	50	115	67	16	3	☺
	MC230-20.0A3L-	20	50	125	75	20	3	☺

Slot milling  $a_p \leq 1.0 \times D_c$  | Shoulder milling  $a_e \leq 0.3 \times D_c$  | Ordering example for the grade WK40TF: MC230-01.0A3L-WK40TF

**WALTER SELECT**

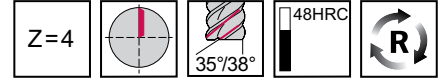
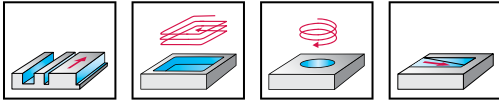
●● Primary application    ● Other application

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 <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h5 mm	Z	WK40TF
 DIN 6535 HA	MC230-02.0A4S-	2	3	39	12	6	4	☺
	MC230-03.0A4S-	3	4	39	12	6	4	☺
	MC230-04.0A4S-	4	5	39	12,3	6	4	☺
	MC230-05.0A4S-	5	6	39	12	6	4	☺
	MC230-06.0A4S-	6	7	39	12	6	4	☺
	MC230-08.0A4S-	8	9	44	17	8	4	☺
	MC230-10.0A4S-	10	11	51	20	10	4	☺
	MC230-12.0A4S-	12	13	56	22	12	4	☺

Slot milling  $a_p \leq 0.8 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WK40TF: MC230-02.0A4S-WK40TF

D1

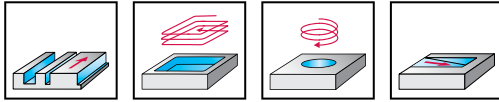
**WALTER  
SELECT**

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

# Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

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

Slot milling  $a_p \leq 1.0 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WK40TF: MC230-02.0A4A-WK40TF

D1

WALTER  
SELECT

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

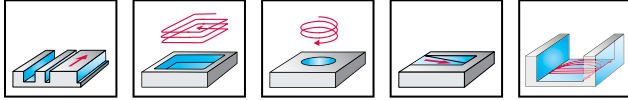
# Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



- Long reach



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

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

Slot milling  $a_p \leq 1.0 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WK40TF: MC230-02.0A4BC-WK40TF

**WALTER**  
**SELECT**

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



Tool		$D_c$ h10 mm	$L_c$ mm	$l_3$ mm	$d_2$ mm	$l_1$ mm	$l_4$ mm	$d_1$ h5 mm	Z	WK40TF
	Designation									
	MC230-25.0W4BC-	25	45	63	23,8	121	65	25	4	☺
DIN 6535 HB										

Slot milling  $a_p \leq 1.0 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WK40TF: MC230-02.0A4BC-WK40TF

D1

**WALTER SELECT** ●● Primary application ● Other application

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

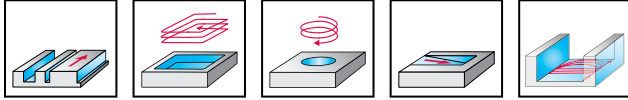
# Solid carbide shoulder/slot milling cutters

MC230 Advance

**Xill-tec®**



- Long reach



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h5 mm	Z	WK40TF
DIN 6535 HA	MC230-06.0A4LC-	6	13	27	5,7	65	29	6	4	☺
	MC230-08.0A4LC-	8	19	42	7,6	80	44	8	4	☺
	MC230-10.0A4LC-	10	22	58	9,5	100	60	10	4	☺
	MC230-12.0A4LC-	12	26	53	11,4	100	55	12	4	☺
	MC230-16.0A4LC-	16	32	65	15,2	115	67	16	4	☺
	MC230-20.0A4LC-	20	38	73	19	125	75	20	4	☺
DIN 6535 HB	MC230-06.0W4LC-	6	13	27	5,7	65	29	6	4	☺
	MC230-08.0W4LC-	8	19	42	7,6	80	44	8	4	☺
	MC230-10.0W4LC-	10	22	58	9,5	100	60	10	4	☺
	MC230-12.0W4LC-	12	26	53	11,4	100	55	12	4	☺
	MC230-16.0W4LC-	16	32	65	15,2	115	67	16	4	☺
	MC230-20.0W4LC-	20	38	73	19	125	75	20	4	☺

Slot milling  $a_p \leq 1.0 \times D_c$  | Shoulder milling  $a_e \leq 0.3 \times D_c$  | Ordering example for the grade WK40TF: MC230-06.0A4LC-WK40TF

D1

**WALTER SELECT**

●● Primary application ● Other application

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

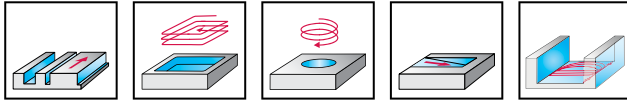
# Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



- Long reach



P	M	K	N	S	H	O
●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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		D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h5 mm	Z	WK40TF
 DIN 6535 HA	Designation										
	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

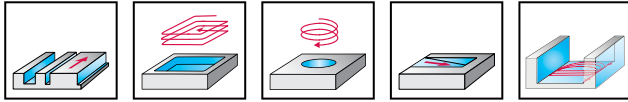
# Solid carbide shoulder/slot milling cutters

MC230 Advance

**Xill-tec®**



- Long reach



	P	M	K	N	S	H	O
Wk40TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

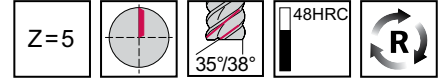
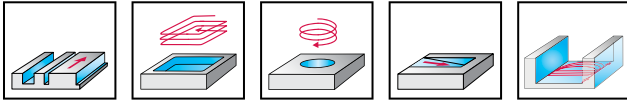
**WALTER  
SELECT**

●● 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 <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h5 mm	Z	WK40TF
<p>DIN 6535 HB</p>	MC230-06.0W5B-	6	13	57	21	6	5	☺
	MC230-08.0W5B-	8	19	63	27	8	5	☺
	MC230-10.0W5B-	10	22	72	32	10	5	☺
	MC230-12.0W5B-	12	26	83	38	12	5	☺
	MC230-16.0W5B-	16	32	92	44	16	5	☺
	MC230-20.0W5B-	20	38	104	54	20	5	☺

Slot milling  $a_p \leq 1.0 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WK40TF: MC230-06.0W5B-WK40TF

D1

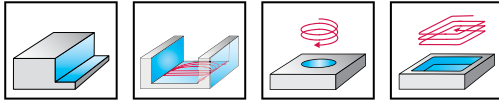
**WALTER  
SELECT**

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

# Solid carbide shoulder/slot milling cutters

MC230 Advance

**Xill-tec®**



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h5 mm	Z	WK40TF
<p>DIN 6535 HB</p>	MC230-06.0W5L-	6	22	65	29	6	5	☺
	MC230-08.0W5L-	8	28	80	44	8	5	☺
	MC230-10.0W5L-	10	32	100	60	10	5	☺
	MC230-12.0W5L-	12	40	100	55	12	5	☺

Shoulder milling  $a_e \leq 0.3 \times D_c$  | Ordering example for the grade WK40TF: MC230-06.0W5L-WK40TF

D1

**WALTER SELECT**

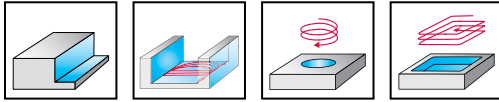
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

●● Primary application ● Other application

# Solid carbide shoulder/slot milling cutters

MC230 Advance

**Xill-tec®**



	P	M	K	N	S	H	0
WK40TF	●●	●	●	●	●		

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

Shoulder milling  $a_e \leq 0.3 \times D_c$  | Ordering example for the grade WK40TF: MC230-06.0A4L-WK40TF

D1

**WALTER SELECT**

●● Primary application   ● Other application

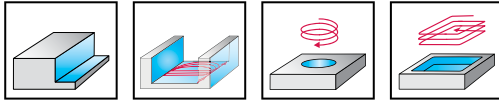
Best tool for → Good = ☺   → Average = ☹   → Poor = ☹☹ machining conditions



# Solid carbide shoulder/slot milling cutters

MC230 Advance

Xill-tec®



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

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

Shoulder milling  $a_e \leq 0.1 \times D_c$  | Ordering example for the grade WK40TF: MC230-06.0A4XL-WK40TF

D1

WALTER  
SELECT

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

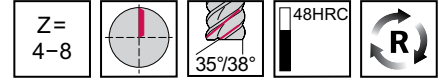
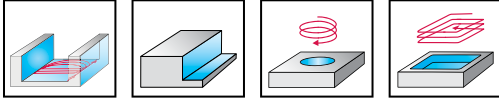
# Solid carbide shoulder milling cutters

MC233 Advance

**Xill-tec®**



- Chip breaker



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h5 mm	Z	WK40TF
<p>DIN 6535 HB</p>	MC233-08.0W4L-	8	28	80	44	8	4	☺
	MC233-10.0W4L-	10	32	100	60	10	4	☺
	MC233-12.0W4L-	12	40	100	55	12	4	☺
	MC233-16.0W5L-	16	50	115	67	16	5	☺
	MC233-20.0W5L-	20	55	125	75	20	5	☺
	MC233-25.0W8LJ-	25	90	153	97	25	8	☺

Shoulder milling  $a_e \leq 0.3 \times D_c$  | Ordering example for the grade WK40TF: MC233-08.0W4L-WK40TF

D1

**WALTER  
SELECT**

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

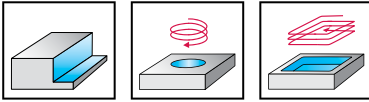
# Solid carbide shoulder milling cutters

MC233 Advance

**Xill-tec®**



- Chip breaker



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool		D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> h5 mm	Z	WK40TF
<p>DIN 6535 HB</p>	Designation							
	MC233-08.0W4XL-	8	40	97	61	8	4	☺
	MC233-10.0W4XL-	10	50	118	78	10	4	☺
	MC233-12.0W4XL-	12	60	120	75	12	4	☺
	MC233-16.0W5XL-	16	80	145	97	16	5	☺
	MC233-20.0W6XL-	20	100	170	120	20	6	☺
	MC233-25.0W8XL-	25	125	188	132	25	8	☺

Shoulder milling  $a_e \leq 0.1 \times D_c$  | Ordering example for the grade WK40TF: MC233-08.0W4XL-WK40TF

**WALTER  
SELECT**

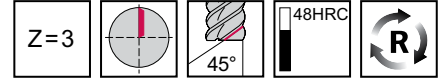
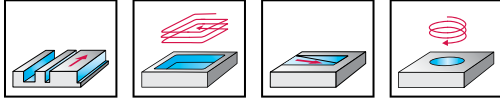
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MC321 Advance



- Type N 45



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h11 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30TF
<p>DIN 6535 HA</p>	MC321-02.0A3A-	2	6	50	14	6	3	☺
	MC321-03.0A3A-	3	7	50	14	6	3	☺
	MC321-04.0A3A-	4	8	54	18	6	3	☺
	MC321-05.0A3A-	5	10	54	18	6	3	☺
	MC321-06.0A3A-	6	10	54	18	6	3	☺
	MC321-08.0A3A-	8	16	58	22	8	3	☺
	MC321-10.0A3A-	10	19	66	26	10	3	☺
	MC321-12.0A3A-	12	22	73	28	12	3	☺

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: MC321-02.0A3A-WJ30TF

D1

**WALTER  
SELECT**

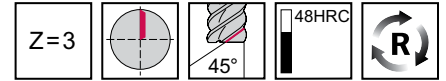
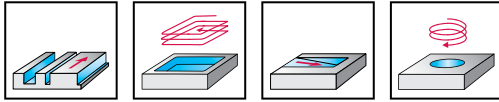
●● Primary application   ● Other application  
Best tool for → Good = ☺   → Average = ☹   → Poor = ☹☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MC321 Advance



- Type N 45



	P	M	K	N	S	H	O
WJ30TF	●●	●	●		●		

Tool	Designation	D <sub>c</sub> h11 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30TF
<p>DIN 6535 HA</p>	MC321-02.0A3S-	2	3	39	7,9	6	3	☺
	MC321-03.0A3S-	3	4	39	9	6	3	☺
	MC321-04.0A3S-	4	5	39	11	6	3	☺
	MC321-05.0A3S-	5	6	39	11,9	6	3	☺
	MC321-06.0A3S-	6	7	39	12	6	3	☺
	MC321-08.0A3S-	8	9	44	17	8	3	☺
	MC321-10.0A3S-	10	11	51	20	10	3	☺
	MC321-12.0A3S-	12	13	56	22	12	3	☺

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: MC321-02.0A3S-WJ30TF

D1

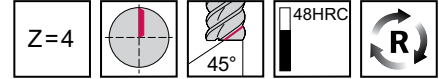
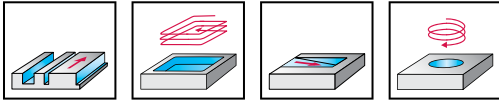
**WALTER SELECT**

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

●● Primary application ● Other application

# Solid carbide shoulder/slot milling cutters

MC321 Advance



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h11 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30TF
<p>DIN 6535 HA</p>	MC321-02.0A4A-	2	6	50	14	6	4	☺
	MC321-03.0A4A-	3	7	50	14	6	4	☺
	MC321-04.0A4A-	4	8	54	18	6	4	☺
	MC321-05.0A4A-	5	10	54	18	6	4	☺
	MC321-06.0A4A-	6	10	54	18	6	4	☺
	MC321-08.0A4A-	8	16	58	22	8	4	☺
	MC321-10.0A4A-	10	19	66	26	10	4	☺
	MC321-12.0A4A-	12	22	73	28	12	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: MC321-02.0A4A-WJ30TF

D1

**WALTER SELECT**

●● Primary application   ● Other application

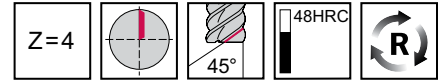
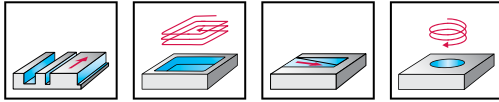
Best tool for → Good = ☺   → Average = ☹   → Poor = ☹☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MC321 Advance



- Type N 45



	P	M	K	N	S	H	O
WJ30TF	●●	●	●		●		

Tool		D <sub>c</sub> h11 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30TF
<p>DIN 6535 HA</p>	Designation							
	MC321-02.0A4S-	2	3	39	7,9	6	4	☺
	MC321-03.0A4S-	3	4	39	9	6	4	☺
	MC321-04.0A4S-	4	5	39	11	6	4	☺
	MC321-05.0A4S-	5	6	39	11,9	6	4	☺
	MC321-06.0A4S-	6	7	39	12	6	4	☺
	MC321-08.0A4S-	8	9	44	17	8	4	☺
	MC321-10.0A4S-	10	11	51	20	10	4	☺
MC321-12.0A4S-	12	13	56	22	12	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: MC321-02.0A4S-WJ30TF

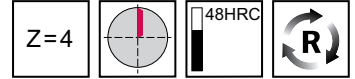
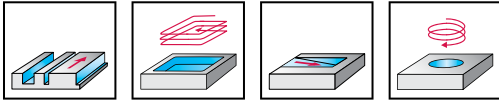
D1

**WALTER  
SELECT**

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

# Solid carbide shoulder/slot milling cutters

MC321 Advance inch



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h11	D <sub>c</sub> h11 inch	L <sub>c</sub> inch	h <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> 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	0,563	2,500	0,937	0,375	4	☺
	MC321.12.7A4C-	1/2"	0,5000	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

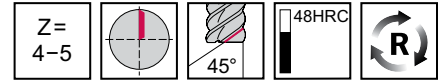
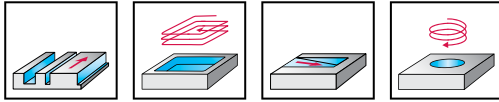


# Solid carbide shoulder/slot milling cutters

MC322 Advance



- Type N 45, extra short



	P	M	K	N	S	H	O
WJ30TF	●●	●	●		●		

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30TF
<p>DIN 6535 HA</p>	MC322-06.0A4A-	6	10	54	18	6	4	☺
	MC322-08.0A4A-	8	12	58	22	8	4	☺
	MC322-10.0A4A-	10	14	66	26	10	4	☺
	MC322-12.0A4A-	12	16	73	28	12	4	☺
	MC322-16.0A4A-	16	22	82	34	16	4	☺
	MC322-20.0A5A-	20	26	92	42	20	5	☺

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: MC322-06.0A4A-WJ30TF

D1

**WALTER  
SELECT**

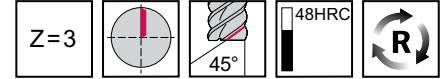
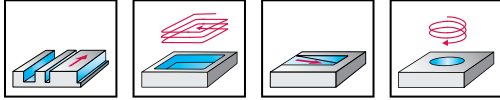
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder/slot milling cutters

## MC324 Advance



- Type 45



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30TF
<p>DIN 6535 HA</p>	MC324-01.0A3B-	1	3	57	21	6	3	●●
	MC324-01.5A3B-	1,5	3	57	21	6	3	●●
	MC324-02.0A3B-	2	6	57	21	6	3	●●
	MC324-02.5A3B-	2,5	7	57	21	6	3	●●
	MC324-03.0A3B-	3	7	57	21	6	3	●●
	MC324-03.5A3B-	3,5	7	57	21	6	3	●●
	MC324-04.0A3B-	4	8	57	21	6	3	●●
	MC324-04.5A3B-	4,5	8	57	21	6	3	●●
	MC324-05.0A3B-	5	10	57	21	6	3	●●
	MC324-05.5A3B-	5,5	10	57	21	6	3	●●
	MC324-06.0A3B-	6	10	57	21	6	3	●●
	MC324-07.0A3B-	7	13	63	27	8	3	●●
	MC324-08.0A3B-	8	16	63	27	8	3	●●
	MC324-09.0A3B-	9	16	72	32	10	3	●●
	MC324-10.0A3B-	10	19	72	32	10	3	●●
	MC324-12.0A3B-	12	22	83	38	12	3	●●
	MC324-14.0A3B-	14	22	83	38	14	3	●●
	MC324-16.0A3B-	16	26	92	44	16	3	●●
	MC324-18.0A3B-	18	26	92	44	18	3	●●
	MC324-20.0A3B-	20	32	104	54	20	3	●●
<p>DIN 6535 HB</p>	MC324-01.0W3B-	1	3	57	21	6	3	●●
	MC324-01.5W3B-	1,5	3	57	21	6	3	●●
	MC324-02.0W3B-	2	6	57	21	6	3	●●
	MC324-02.5W3B-	2,5	7	57	21	6	3	●●
	MC324-03.0W3B-	3	7	57	21	6	3	●●
	MC324-03.5W3B-	3,5	7	57	21	6	3	●●
	MC324-04.0W3B-	4	8	57	21	6	3	●●
	MC324-04.5W3B-	4,5	8	57	21	6	3	●●
	MC324-05.0W3B-	5	10	57	21	6	3	●●
	MC324-05.5W3B-	5,5	10	57	21	6	3	●●
MC324-06.0W3B-	6	10	57	21	6	3	●●	
MC324-08.0W3B-	8	16	63	27	8	3	●●	
MC324-09.0W3B-	9	16	72	32	10	3	●●	
MC324-10.0W3B-	10	19	72	32	10	3	●●	

 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: MC324-01.0A3B-WJ30TF

**WALTER  
SELECT**

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

Tool		D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30TF
	Designation							
	MC324-12.0W3B-	12	22	83	38	12	3	☺
	MC324-14.0W3B-	14	22	83	38	14	3	☺
	MC324-16.0W3B-	16	26	92	44	16	3	☺
	MC324-20.0W3B-	20	32	104	54	20	3	☺

DIN 6535 HB

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: MC324-01.0A3B-WJ30TF

D1

**WALTER SELECT**

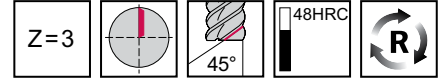
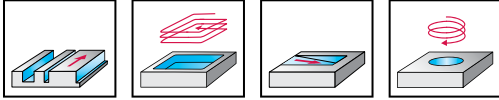
 ●● Primary application   ● Other application  
 Best tool for → Good = ☺   → Average = ☹   → Poor = ☹☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MC324 Advance

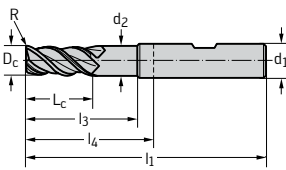


- Type 45



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

## Tool



Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30TF
MC324-12.0W3B150C-	12	1,5	22	36	11,4	83	38	12	3	☺
MC324-14.0W3B150C-	14	1,5	22	36	13,3	83	38	14	3	☺
MC324-16.0W3B200C-	16	2	26	42	15,2	92	44	16	3	☺
MC324-18.0W3B200C-	18	2	26	42	17,1	92	44	18	3	☺
MC324-20.0W3B200C-	20	2	32	52	19	104	54	20	3	☺

DIN 6535 HB

Ordering example for the grade WJ30TF: MC324-12.0W3B150C-WJ30TF

D1

**WALTER  
SELECT**

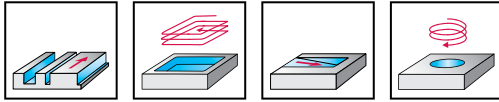
●● Primary application ● Other application  
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MC216 Advance



- Type 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h10	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30TF
<p>DIN 6535 HA</p>	MC216-02.0A2B-		2	6	57	21	6	2	☺
	MC216-02.5A2B-		2,5	7	57	21	6	2	☺
	MC216-03.0A2B-		3	7	57	21	6	2	☺
	MC216-03.5A2B-		3,5	7	57	21	6	2	☺
	MC216-04.0A2B-		4	8	57	21	6	2	☺
	MC216-04.5A2B-		4,5	8	57	21	6	2	☺
	MC216-05.0A2B-		5	10	57	21	6	2	☺
	MC216-06.0A2B-		6	10	57	21	6	2	☺
	MC216-07.0A2B-		7	13	63	27	8	2	☺
	MC216-08.0A2B-		8	16	63	27	8	2	☺
	MC216-09.0A2B-		9	16	72	32	10	2	☺
	MC216-10.0A2B-		10	19	72	32	10	2	☺
	MC216-11.0A2B-		11	22	83	38	12	2	☺
	MC216-12.0A2B-		12	22	83	38	12	2	☺
	MC216-14.0A2B-		14	22	83	38	14	2	☺
	MC216-16.0A2B-		16	26	92	44	16	2	☺
	MC216-18.0A2B-		18	26	92	44	18	2	☺
	MC216-20.0A2B-		20	32	104	54	20	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: MC216-02.0A2B-WJ30TF

**WALTER SELECT**

●● Primary application   ● Other application

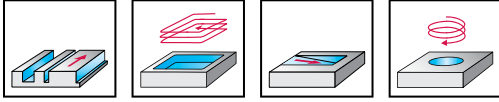
Best tool for → Good = ☺   → Average = ☹   → Poor = ☹☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MC216 Advance inch



- Type 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h10	D <sub>c</sub> h10 inch	L <sub>c</sub> inch	h <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> inch	Z	WJ30TF
	MC216.2.38A2D-	3/32"	0,0937	0,375	2,500	1,083	0,250	2	●●
Cylindrical shank									

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: MC216.2.38A2D-WJ30TF

D1

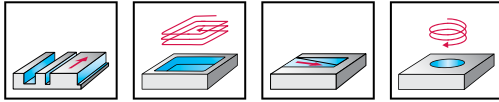
<b>WALTER SELECT</b>	●● Primary application    ● Other application Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions
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# Solid carbide shoulder/slot milling cutters

MC216 Advance



- Type N 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●		●		

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30TF
<p>DIN 6535 HA</p>	MC216-02.0A3B-	2	6	57	21	6	3	☺
	MC216-02.5A3B-	2,5	7	57	21	6	3	☺
	MC216-03.0A3B-	3	7	57	21	6	3	☺
	MC216-03.5A3B-	3,5	7	57	21	6	3	☺
	MC216-04.0A3B-	4	8	57	21	6	3	☺
	MC216-04.5A3B-	4,5	8	57	21	6	3	☺
	MC216-05.0A3B-	5	10	57	21	6	3	☺
	MC216-05.5A3B-	5,5	10	57	21	6	3	☺
	MC216-06.0A3B-	6	10	57	21	6	3	☺
	MC216-06.5A3B-	6,5	13	63	27	8	3	☺
	MC216-07.0A3B-	7	13	63	27	8	3	☺
	MC216-07.5A3B-	7,5	16	63	27	8	3	☺
	MC216-08.0A3B-	8	16	63	27	8	3	☺
	MC216-09.0A3B-	9	16	72	32	10	3	☺
	MC216-10.0A3B-	10	19	72	32	10	3	☺
	MC216-11.0A3B-	11	22	83	38	12	3	☺
	MC216-12.0A3B-	12	22	83	38	12	3	☺
	MC216-13.0A3B-	13	22	83	38	14	3	☺
	MC216-14.0A3B-	14	22	83	38	14	3	☺
	MC216-15.0A3B-	15	26	92	44	16	3	☺
MC216-16.0A3B-	16	26	92	44	16	3	☺	
MC216-18.0A3B-	18	26	92	44	18	3	☺	
MC216-20.0A3B-	20	32	104	54	20	3	☺	

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: MC216-02.0A3B-WJ30TF

D1

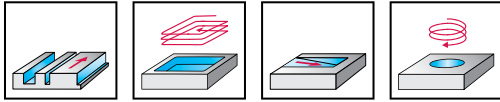
●● Primary application   ● Other application  
 Best tool for → Good = ☺   → Average = ☹   → Poor = ☹☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MC216 Advance



- Type N 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30TF
<p>DIN 6535 HA</p>	MC216-01.0A3BJ-	1	3	38	10	3	3	☺
	MC216-01.1A3BJ-	1,1	3	38	10	3	3	☺
	MC216-01.2A3BJ-	1,2	3	38	10	3	3	☺
	MC216-01.3A3BJ-	1,3	3	38	10	3	3	☺
	MC216-01.4A3BJ-	1,4	3	38	10	3	3	☺
	MC216-01.5A3BJ-	1,5	3	38	10	3	3	☺
	MC216-01.6A3BJ-	1,6	3	38	10	3	3	☺
	MC216-01.7A3BJ-	1,7	3	38	10	3	3	☺
	MC216-01.8A3BJ-	1,8	3	38	10	3	3	☺
	MC216-01.9A3BJ-	1,9	3	38	10	3	3	☺
	MC216-02.0A3BJ-	2	3	38	10	3	3	☺
	MC216-02.0A3BK-	2	6	38	10	3	3	☺
	MC216-02.1A3BJ-	2,1	3	38	10	3	3	☺
	MC216-02.2A3BJ-	2,2	3	38	10	3	3	☺
	MC216-02.3A3BJ-	2,3	3	38	10	3	3	☺
	MC216-02.4A3BJ-	2,4	3	38	10	3	3	☺
	MC216-02.5A3BJ-	2,5	3	38	10	3	3	☺
	MC216-02.5A3BK-	2,5	7	38	11,5	3	3	☺
	MC216-02.6A3BJ-	2,6	3	38	10	3	3	☺
	MC216-02.7A3BJ-	2,7	3	38	10	3	3	☺
	MC216-02.8A3BJ-	2,8	3	38	10	3	3	☺
	MC216-02.9A3BJ-	2,9	3	38	10	3	3	☺
	MC216-03.0A3BJ-	3	3	38	10	3	3	☺
	MC216-03.0A3BK-	3	7	38	10	3	3	☺

3 mm shank | 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: MC216-01.0A3BJ-WJ30TF

D1

**WALTER SELECT**

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

●● Primary application ● Other application

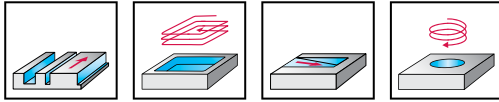


# Solid carbide shoulder/slot milling cutters

MC216 Advance



- Type 30, extra long



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30TF
<p>DIN 6535 HA</p>	MC216-01.0A3L-	1	4	38	10	3	3	☺
	MC216-01.5A3L-	1,5	6	38	10	3	3	☺
	MC216-02.0A3L-	2	8	38	10,5	3	3	☺
	MC216-03.0A3L-	3	12	38	12	3	3	☺
	MC216-04.0A3L-	4	14	50	22	4	3	☺
	MC216-05.0A3L-	5	16	57	21	6	3	☺
	MC216-06.0A3L-	6	22	65	29	6	3	☺
	MC216-08.0A3L-	8	28	80	44	8	3	☺
	MC216-10.0A3L-	10	32	100	60	10	3	☺
	MC216-12.0A3L-	12	38	100	55	12	3	☺
	MC216-16.0A3L-	16	50	115	67	16	3	☺
	MC216-20.0A3L-	20	50	125	75	20	3	☺

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: MC216-01.0A3L-WJ30TF

D1

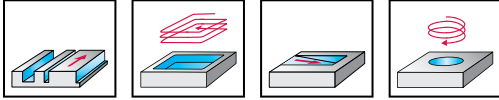
●● Primary application   ● Other application  
 Best tool for → Good = ☺   → Average = ☹   → Poor = ☹☹ machining conditions

# 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 <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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	10	150	110	10	2	☺
	MC213-14.5A2X-	14,5	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**

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

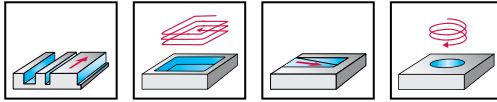
●● Primary application ● Other application

# 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 <sub>c</sub> h7 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

WALTER  
SELECT

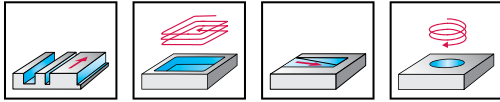
●● Primary application ● Other application  
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder/slot milling cutters

MC213 Advance



- Long reach
- Type HSC 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h7 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

D1

**WALTER  
SELECT**

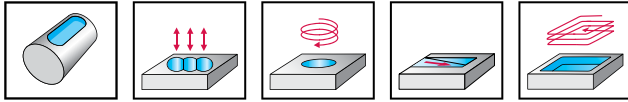
●● Primary application ● Other application  
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★ machining conditions

# Solid carbide routing cutters

MC716 Advance mm



- Type 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●		●		

Tool	Designation	D <sub>c</sub> e8 mm	l <sub>11</sub> mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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	0,2	6	54	18	6	2	☺
	MC716-05.0W2A-	5	0,2	6	54	18	6	2	☺
	MC716-05.75W2A-	5,75	0,2	7	54	18	6	2	☺
	MC716-06.0W2A-	6	0,2	7	54	18	6	2	☺
	MC716-07.75W2A-	7,75	0,2	9	58	22	8	2	☺
	MC716-08.0W2A-	8	0,2	9	58	22	8	2	☺
	MC716-09.0W2A-	9	0,3	10	66	26	10	2	☺
	MC716-09.7W2A-	9,7	0,3	11	66	26	10	2	☺
	MC716-10.0W2A-	10	0,3	11	66	26	10	2	☺
MC716-11.7W2A-	11,7	0,3	12	73	28	12	2	☺	
MC716-12.0W2A-	12	0,3	12	73	28	12	2	☺	
MC716-13.7W2A-	13,7	0,3	14	75	30	14	2	☺	
MC716-16.0W2A-	16	0,3	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**

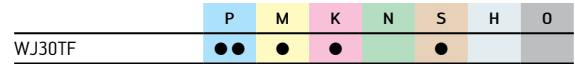
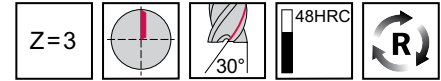
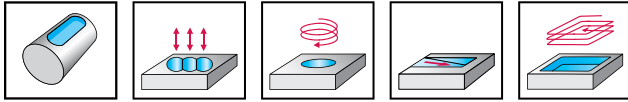
●● Primary application ● Other application  
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide routing cutters

## MC716 Advance



- Type 30



Tool	Designation	D <sub>c</sub> h10 mm	h <sub>11</sub> mm	L <sub>c</sub> mm	h <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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	0,2	6	54	18	6	3	☺
	MC716-05.0W3A-	5	0,2	6	54	18	6	3	☺
	MC716-05.75W3A-	5,75	0,2	7	54	18	6	3	☺
	MC716-06.0W3A-	6	0,2	7	54	18	6	3	☺
	MC716-06.75W3A-	6,75	0,2	8	58	22	8	3	☺
	MC716-07.0W3A-	7	0,2	8	58	22	8	3	☺
	MC716-07.75W3A-	7,75	0,2	9	58	22	8	3	☺
	MC716-08.0W3A-	8	0,2	9	58	22	8	3	☺
	MC716-09.0W3A-	9	0,3	10	66	26	10	3	☺
	MC716-09.7W3A-	9,7	0,3	11	66	26	10	3	☺
	MC716-10.0W3A-	10	0,3	11	66	26	10	3	☺
	MC716-11.7W3A-	11,7	0,3	12	73	28	12	3	☺
MC716-12.0W3A-	12	0,3	12	73	28	12	3	☺	
MC716-13.7W3A-	13,7	0,3	14	75	30	14	3	☺	
MC716-14.0W3A-	14	0,3	14	75	30	14	3	☺	
MC716-15.7W3A-	15,7	0,3	16	82	34	16	3	☺	
MC716-16.0W3A-	16	0,3	16	82	34	16	3	☺	
MC716-20.0W3A-	20	0,4	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

D1

**WALTER SELECT** ●● Primary application ● Other application

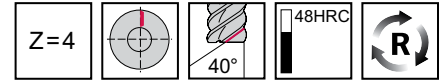
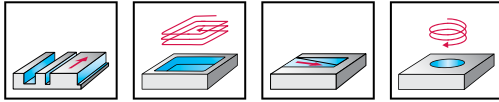
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹☹ machining conditions

# Solid carbide shoulder/slot milling cutter

MC319 Advance



- Long reach



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h12 mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

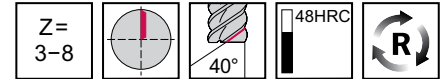
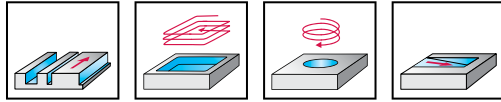
●● Primary application ● Other application  
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder/slot milling cutter

## MC320 Advance



- Long reach



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h12 mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

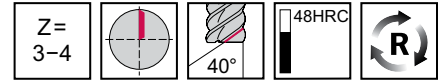
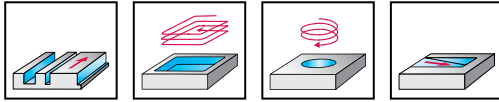
**WALTER  
SELECT**

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



# Solid carbide shoulder/slot milling cutter

MC320 Advance



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●		

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

D1

**WALTER  
SELECT**

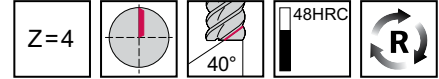
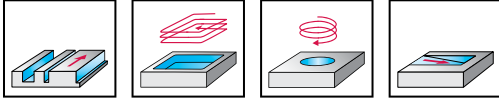
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide shoulder/slot milling cutter

MC320 Advance inch

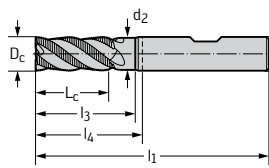


- Long reach



	P	M	K	N	S	H	O
WK40TF	●●	●	●	●	●	●	●

## Tool



Designation	D <sub>c</sub> h12 inch	D <sub>c</sub> h12 inch	L <sub>c</sub> inch	l <sub>3</sub> inch	d <sub>2</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> 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

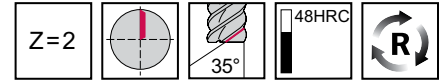
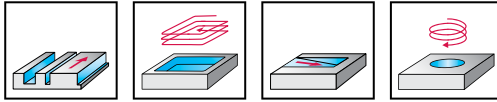
D1

**WALTER SELECT** ●● Primary application   ● Other application

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

# Solid carbide shoulder/slot milling cutters

MC232 Perform



	P	M	K	N	S	H	0
WJ30ED	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h12 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30ED
 DIN 6535 HA	MC232-02.0A2B-	2	6	57	29	4	2	☺
	MC232-02.5A2B-	2,5	7	57	29	4	2	☺
	MC232-03.0A2B-	3	7	57	29	4	2	☺
	MC232-03.5A2B-	3,5	7	57	29	4	2	☺
 DIN 6535 HB	MC232-04.0A2B-	4	8	57	29	4	2	☺
	MC232-05.0W2B-	5	10	57	21	6	2	☺
	MC232-06.0W2B-	6	10	57	21	6	2	☺
	MC232-08.0W2B-	8	16	63	27	8	2	☺
	MC232-10.0W2B-	10	19	72	32	10	2	☺
	MC232-12.0W2B-	12	22	83	38	12	2	☺
	MC232-16.0W2B-	16	26	92	44	16	2	☺
	MC232-20.0W2B-	20	32	104	54	20	2	☺

Slot milling  $a_p \leq 0.5 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WJ30ED: MC232-02.0A2B-WJ30ED

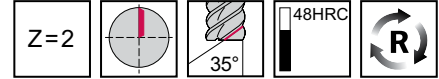
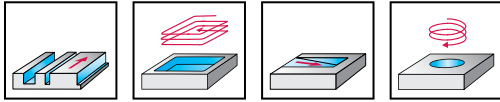
D1

**WALTER  
SELECT**

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

# Solid carbide shoulder/slot milling cutters

MC232 Perform inch



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> h12	D <sub>c</sub> h12 inch	L <sub>c</sub> inch	h <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> inch	Z	WJ30ED
	MC232.3.18A2D-	1/8"	0,1250	0,500	2,500	1,083	0,250	2	●●
	MC232.6.35A2D-	1/4"	0,2500	0,750	2,500	1,083	0,250	2	●●
Cylindrical shank									
	MC232.9.53W2D-	3/8"	0,3750	0,875	3,000	1,437	0,375	2	●●
	MC232.12.7W2D-	1/2"	0,5000	1,000	3,500	1,717	0,500	2	●●
	MC232.15.9W2D-	5/8"	0,6250	1,250	3,500	1,594	0,625	2	●●
	MC232.19.1W2D-	3/4"	0,7500	1,500	4,000	1,969	0,750	2	●●
DIN 6535 HB									

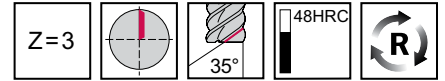
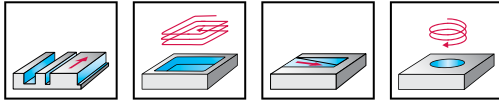
Slot milling  $a_p \leq 0.5 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WJ30ED: MC232.3.18A2D-WJ30ED

D1

<b>WALTER SELECT</b>	●● Primary application   ● Other application Best tool for → Good = 😊   → Average = 😐   → Poor = 😞 machining conditions	
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# Solid carbide shoulder/slot milling cutters

MC232 Perform



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h12 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30ED
 DIN 6535 HA	MC232-02.0A3B-	2	6	57	29	4	3	☺
	MC232-02.5A3B-	2,5	7	57	29	4	3	☺
	MC232-03.0A3B-	3	7	57	29	4	3	☺
	MC232-03.5A3B-	3,5	7	57	29	4	3	☺
	MC232-04.0A3B-	4	8	57	29	4	3	☺
 DIN 6535 HB	MC232-05.0W3B-	5	10	57	21	6	3	☺
	MC232-06.0W3B-	6	10	57	21	6	3	☺
	MC232-08.0W3B-	8	16	63	27	8	3	☺
	MC232-10.0W3B-	10	19	72	32	10	3	☺
	MC232-12.0W3B-	12	22	83	38	12	3	☺
	MC232-16.0W3B-	16	26	92	44	16	3	☺
	MC232-20.0W3B-	20	32	104	54	20	3	☺

Slot milling  $a_p \leq 0.5 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WJ30ED: MC232-02.0A3B-WJ30ED

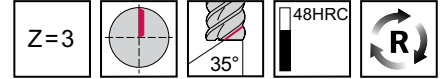
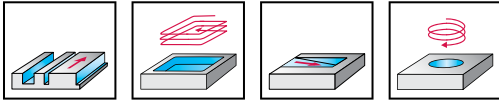
D1

WALTER  
SELECT

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

# Solid carbide shoulder/slot milling cutters

MC232 Perform inch



	P	M	K	N	S	H	O
WJ30ED	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> h12	D <sub>c</sub> h12 inch	L <sub>c</sub> inch	h <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> inch	Z	WJ30ED
	MC232.3.18A3D-	1/8"	0,1250	0,500	2,500	1,083	0,250	3	☺
	MC232.6.35A3D-	1/4"	0,2500	0,750	2,500	1,083	0,250	3	☺
Cylindrical shank									
	MC232.9.53W3D-	3/8"	0,3750	0,875	3,000	1,437	0,375	3	☺
	MC232.12.7W3D-	1/2"	0,5000	1,000	3,500	1,717	0,500	3	☺
	MC232.15.9W3D-	5/8"	0,6250	1,250	3,500	1,594	0,625	3	☺
	MC232.19.1W3D-	3/4"	0,7500	1,500	4,000	1,969	0,750	3	☺
DIN 6535 HB									

Slot milling  $a_p \leq 0.5 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WJ30ED: MC232.3.18A3D-WJ30ED

D1

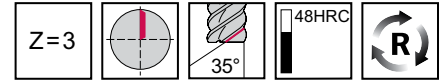
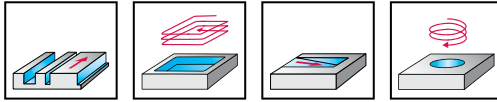
<b>WALTER SELECT</b>	●● Primary application   ● Other application Best tool for → Good = ☺   → Average = ☹   → Poor = ☹☹ machining conditions	
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# Solid carbide shoulder/slot milling cutters

MC232 Perform



- Long reach



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool		D <sub>c</sub> h12 mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30ED
<p>DIN 6535 HA</p>	Designation									
	MC232-02.0A3BC-	2	6	11	1,9	57	29	4	3	☹
	MC232-02.5A3BC-	2,5	7	12	2,4	57	29	4	3	☹
	MC232-03.0A3BC-	3	7	12	2,9	57	29	4	3	☹
	MC232-03.5A3BC-	3,5	7	15	3,3	57	29	4	3	☹
MC232-04.0A3BC-	4	8	15	3,8	57	29	4	3	☹	
<p>DIN 6535 HB</p>	MC232-05.0W3BC-	5	10	18	4,8	57	21	6	3	☹
	MC232-06.0W3BC-	6	10	19	5,7	57	21	6	3	☹
	MC232-08.0W3BC-	8	16	25	7,6	63	27	8	3	☹
	MC232-10.0W3BC-	10	19	30	9,5	72	32	10	3	☹
	MC232-12.0W3BC-	12	22	36	11,4	83	38	12	3	☹
	MC232-16.0W3BC-	16	26	42	15,2	92	44	16	3	☹
	MC232-20.0W3BC-	20	32	52	19	104	54	20	3	☹

Slot milling  $a_p \leq 0.5 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WJ30ED: MC232-02.0A3BC-WJ30ED

D1

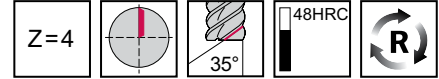
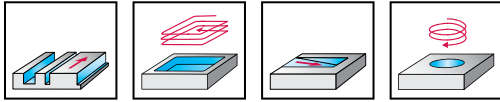
**WALTER SELECT**

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

●● Primary application ● Other application

# Solid carbide shoulder/slot milling cutters

MC232 Perform



	P	M	K	N	S	H	0
WJ30ED	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h12 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>2</sub> mm	d <sub>1</sub> mm	Z	WJ30ED
 DIN 6535 HA	MC232-02.0A4B-	2	7	57	29	4	4	☺
	MC232-02.5A4B-	2,5	8	57	29	4	4	☺
	MC232-03.0A4B-	3	8	57	29	4	4	☺
	MC232-03.5A4B-	3,5	10	57	29	4	4	☺
	MC232-04.0A4B-	4	11	57	29	4	4	☺
 DIN 6535 HB	MC232-05.0W4B-	5	13	57	21	6	4	☺
	MC232-06.0W4B-	6	13	57	21	6	4	☺
	MC232-08.0W4B-	8	19	63	27	8	4	☺
	MC232-10.0W4B-	10	22	72	32	10	4	☺
	MC232-12.0W4B-	12	26	83	38	12	4	☺
	MC232-16.0W4B-	16	32	92	44	16	4	☺
	MC232-20.0W4B-	20	38	104	54	20	4	☺

Slot milling  $a_p \leq 0.5 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WJ30ED: MC232-02.0A4B-WJ30ED

D1

**WALTER SELECT**

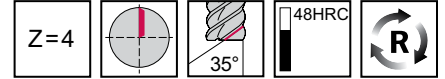
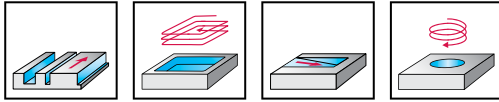
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

●● Primary application ● Other application



# Solid carbide shoulder/slot milling cutters

MC232 Perform inch



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h12	D <sub>c</sub> h12 inch	L <sub>c</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> inch	Z	WJ30ED
	MC232.3.18A4D-	1/8"	0,1250	0,500	2,500	1,083	0,250	4	☺
	MC232.6.35A4D-	1/4"	0,2500	0,750	2,500	1,083	0,250	4	☺
Cylindrical shank									
	MC232.9.53W4D-	3/8"	0,3750	0,875	3,000	1,437	0,375	4	☺
	MC232.12.7W4D-	1/2"	0,5000	1,000	3,500	1,717	0,500	4	☺
	MC232.15.9W4D-	5/8"	0,6250	1,250	3,500	1,594	0,625	4	☺
	MC232.19.1W4D-	3/4"	0,7500	1,500	4,000	1,969	0,750	4	☺
DIN 6535 HB									

Slot milling  $a_p \leq 0.5 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WJ30ED: MC232.3.18A4D-WJ30ED

**WALTER  
SELECT**

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

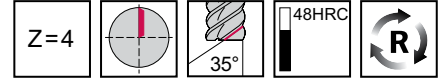
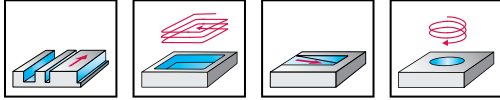
D1

# Solid carbide shoulder/slot milling cutters

MC232 Perform



- Long reach



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h12 mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30ED
<p>DIN 6535 HA</p>	MC232-02.0A4BC-	2	7	11	1,9	57	29	4	4	☹
	MC232-02.5A4BC-	2,5	8	12	2,4	57	29	4	4	☹
	MC232-03.0A4BC-	3	8	12	2,9	57	29	4	4	☹
	MC232-03.5A4BC-	3,5	10	15	3,3	57	29	4	4	☹
	MC232-04.0A4BC-	4	11	15	3,8	57	29	4	4	☹
<p>DIN 6535 HB</p>	MC232-05.0W4BC-	5	13	18	4,8	57	21	6	4	☹
	MC232-06.0W4BC-	6	13	19	5,7	57	21	6	4	☹
	MC232-08.0W4BC-	8	19	25	7,6	63	27	8	4	☹
	MC232-10.0W4BC-	10	22	30	9,5	72	32	10	4	☹
	MC232-12.0W4BC-	12	26	36	11,4	83	38	12	4	☹
	MC232-16.0W4BC-	16	32	42	15,2	92	44	16	4	☹
	MC232-20.0W4BC-	20	38	52	19	104	54	20	4	☹

Slot milling  $a_p \leq 0.5 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WJ30ED: MC232-02.0A4BC-WJ30ED

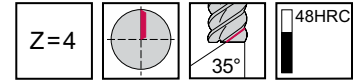
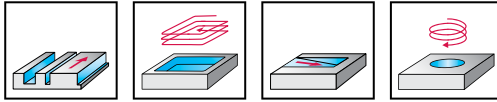
D1

WALTER  
SELECT

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

# Solid carbide shoulder/slot milling cutters

MC232 Perform



	P	M	K	N	S	H	O
WJ30ED	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h12 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WJ30ED
<p>DIN 6535 HA</p>	MC232-02.0A4B020C-	2	0,2	7	11	1,9	57	29	4	4	☺
	MC232-03.0A4B030C-	3	0,3	8	12	2,9	57	29	4	4	☺
	MC232-04.0A4B050C-	4	0,5	11	15	3,8	57	29	4	4	☺
<p>DIN 6535 HB</p>	MC232-05.0W4B050C-	5	0,5	13	18	4,8	57	21	6	4	☺
	MC232-06.0W4B050C-	6	0,5	13	19	5,7	57	21	6	4	☺
	MC232-06.0W4B080C-	6	0,8	13	19	5,7	57	21	6	4	☺
	MC232-06.0W4B100C-	6	1	13	19	5,7	57	21	6	4	☺
	MC232-08.0W4B050C-	8	0,5	19	25	7,6	63	27	8	4	☺
	MC232-08.0W4B080C-	8	0,8	19	25	7,6	63	27	8	4	☺
	MC232-08.0W4B100C-	8	1	19	25	7,6	63	27	8	4	☺
	MC232-08.0W4B150C-	8	1,5	19	25	7,6	63	27	8	4	☺
	MC232-08.0W4B200C-	8	2	19	25	7,6	63	27	8	4	☺
	MC232-10.0W4B050C-	10	0,5	22	30	9,5	72	32	10	4	☺
	MC232-10.0W4B080C-	10	0,8	22	30	9,5	72	32	10	4	☺
	MC232-10.0W4B100C-	10	1	22	30	9,5	72	32	10	4	☺
	MC232-10.0W4B150C-	10	1,5	22	30	9,5	72	32	10	4	☺
	MC232-10.0W4B200C-	10	2	22	30	9,5	72	32	10	4	☺
	MC232-12.0W4B050C-	12	0,5	26	36	11,4	83	38	12	4	☺
	MC232-12.0W4B080C-	12	0,8	26	36	11,4	83	38	12	4	☺
	MC232-12.0W4B100C-	12	1	26	36	11,4	83	38	12	4	☺
	MC232-12.0W4B150C-	12	1,5	26	36	11,4	83	38	12	4	☺
	MC232-12.0W4B200C-	12	2	26	36	11,4	83	38	12	4	☺
	MC232-12.0W4B250C-	12	2,5	26	36	11,4	83	38	12	4	☺
MC232-12.0W4B300C-	12	3	26	36	11,4	83	38	12	4	☺	
MC232-16.0W4B050C-	16	0,5	32	42	15,2	92	44	16	4	☺	
MC232-16.0W4B100C-	16	1	32	42	15,2	92	44	16	4	☺	
MC232-16.0W4B200C-	16	2	32	42	15,2	92	44	16	4	☺	
MC232-16.0W4B250C-	16	2,5	32	42	15,2	92	44	16	4	☺	
MC232-16.0W4B300C-	16	3	32	42	15,2	92	44	16	4	☺	
MC232-16.0W4B400C-	16	4	32	42	15,2	92	44	16	4	☺	

Slot milling  $a_p \leq 0.5 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WJ30ED: MC232-02.0A4B020C-WJ30ED

**WALTER SELECT**

●● Primary application ● Other application

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

D1

Tool		$D_c$ h12 mm	R mm	$L_c$ mm	$l_3$ mm	$d_2$ mm	$l_1$ mm	$l_4$ mm	$d_1$ mm	Z	WJ30ED
	Designation										
	MC232-20.0W4B050C-	20	0,5	38	52	19	104	54	20	4	☺
	MC232-20.0W4B100C-	20	1	38	52	19	104	54	20	4	☺
	MC232-20.0W4B200C-	20	2	38	52	19	104	54	20	4	☺
	MC232-20.0W4B250C-	20	2,5	38	52	19	104	54	20	4	☺
	MC232-20.0W4B300C-	20	3	38	52	19	104	54	20	4	☺
DIN 6535 HB	MC232-20.0W4B400C-	20	4	38	52	19	104	54	20	4	☺

Slot milling  $a_p \leq 0.5 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WJ30ED: MC232-02.0A4B020C-WJ30ED

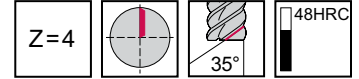
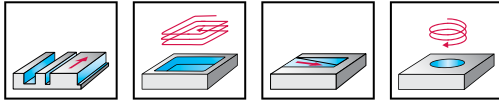
D1

**WALTER  
SELECT**

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

# Solid carbide shoulder/slot milling cutters

MC232 Perform inch



WJ30ED	P	M	K	N	S	H	O
--------	---	---	---	---	---	---	---

Tool		D <sub>c</sub> h12	D <sub>c</sub> h12 inch	R inch	L <sub>c</sub> inch	l <sub>3</sub> inch	d <sub>2</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> inch	Z	WJ30ED
<p>Cylindrical shank</p>	MC232.3.18A4D038C-	1/8"	0,1250	0,015	0,500	0,625	0,119	2,500	1,083	0,250	4	☺
	MC232.6.35A4D038C-	1/4"	0,2500	0,015	0,750	1,000	0,237	2,500	1,083	0,250	4	☺
	MC232.6.35A4D076C-	1/4"	0,2500	0,030	0,750	1,000	0,237	2,500	1,083	0,250	4	☺
<p>DIN 6535 HB</p>	MC232.9.53W4D038C-	3/8"	0,3750	0,015	0,875	1,125	0,356	3,000	1,437	0,375	4	☺
	MC232.9.53W4D076C-	3/8"	0,3750	0,030	0,875	1,125	0,356	3,000	1,437	0,375	4	☺
	MC232.12.7W4D038C-	1/2"	0,5000	0,015	1,000	1,500	0,475	3,500	1,717	0,500	4	☺
	MC232.12.7W4D076C-	1/2"	0,5000	0,030	1,000	1,500	0,475	3,500	1,717	0,500	4	☺
	MC232.12.7W4D152C-	1/2"	0,5000	0,060	1,000	1,500	0,475	3,500	1,717	0,500	4	☺
	MC232.12.7W4D318C-	1/2"	0,5000	0,125	1,000	1,500	0,475	3,500	1,717	0,500	4	☺
	MC232.15.9W4D318C-	5/8"	0,6250	0,125	1,250	1,563	0,594	3,500	1,594	0,625	4	☺
	MC232.19.1W4D076C-	3/4"	0,7500	0,030	1,500	1,875	0,713	4,000	1,969	0,750	4	☺
MC232.19.1W4D318C-	3/4"	0,7500	0,125	1,500	1,875	0,713	4,000	1,969	0,750	4	☺	

Slot milling  $a_p \leq 0.5 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WJ30ED: MC232.3.18A4D038C-WJ30ED

**WALTER  
SELECT**

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

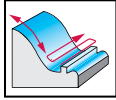
## Solid carbide ball-nose copy milling cutters

H602111

**Protostar®**



- Type AI 30



	P	M	K	N	S	H	O
uncoated				●●			

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	d <sub>1</sub> 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 d<sub>1</sub> <gt/ > 10 mm

D1

**WALTER  
SELECT**

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

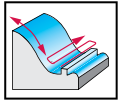
# Solid carbide mini ball-nose copy milling cutters

H4046918

**Protostar®**



- Long reach
- Type HSC 30



Z=2

	P	M	K	N	S	H	O
TAX	●●			●			

Tool	Designation	R mm	D <sub>c</sub> h7 mm	L <sub>c</sub> mm	l <sub>3</sub> mm	l <sub>4</sub> mm	d <sub>2</sub> mm	d <sub>1</sub> mm	l <sub>1</sub> 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

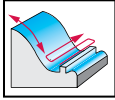
WALTER SELECT

●● 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 <sub>c</sub> h7 mm	R mm	L <sub>c</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	d <sub>1</sub> mm	Z	WB10TG
 DIN 6535 HA	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

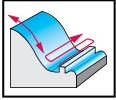
**WALTER  
SELECT**

●● 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		$D_c$ h7 mm	R mm	$L_c$ mm	$l_4$ mm	$l_1$ mm	$d_1$ mm	Z	WB10TG
	Designation								
	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

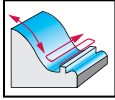
**WALTER SELECT**

●● Primary application    ● Other application

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

# Solid carbide ball-nose copy milling cutters

MC482 Advance



Z=4

	P	M	K	N	S	H	O
WB10TG						●●	

Tool	Designation	D <sub>c</sub> h7 mm	R mm	L <sub>c</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	d <sub>1</sub> mm	Z	WB10TG
 DIN 6535 HA	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

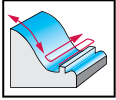
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

# 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 <sub>c</sub> h7 mm	R mm	L <sub>c</sub> mm	l <sub>4</sub> mm	d <sub>2</sub> mm	l <sub>3</sub> mm	l <sub>1</sub> mm	d <sub>1</sub> 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

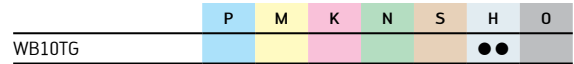
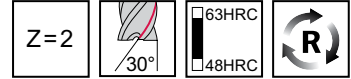
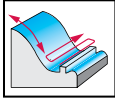
Best tool for → Good = ☺    → Average = ☹    → Poor = ☹☹ machining conditions

# Solid carbide ball-nose copy milling cutters

MC482 Advance



- Long reach



Tool		D <sub>c</sub> h7 mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	α	d <sub>1</sub> 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

**WALTER  
SELECT**

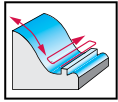
●● Primary application ● Other application  
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★ machining conditions

# Solid carbide ball-nose copy milling cutters

MC480 Advance



- Long reach



Z=2

30°

63HRC  
48HRC

R

	P	M	K	N	S	H	O
WB10TG						●●	

Tool	Designation	D <sub>c</sub> h7 mm	R mm	L <sub>c</sub> mm	d <sub>2</sub> mm	l <sub>3</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	Z	d <sub>1</sub> 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

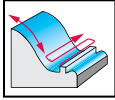
# Solid carbide ball-nose copy milling cutters

H8004028

**Protostar® Ultra**



- Long reach
- Type HSC 30



Z=2

63HRC  
48HRC

	P	M	K	N	S	H	O
TAX						●●	

Tool	Designation	R mm	D <sub>c</sub> h7 mm	L <sub>c</sub> mm	l <sub>3</sub> mm	l <sub>4</sub> mm	d <sub>2</sub> mm	d <sub>1</sub> mm	l <sub>1</sub> mm	Z
	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
	H8004028-10	5	10	10	35	38	9,5	12	83	2

DIN 6535 HA

D1

**WALTER SELECT**

●● Primary application   ● Other application

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

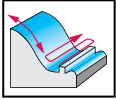
# Solid carbide ball-nose copy milling cutters

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 <sub>c</sub> h7 mm	L <sub>c</sub> mm	L <sub>c2</sub> mm	l <sub>3</sub> mm	l <sub>4</sub> mm	d <sub>2</sub> mm	d <sub>1</sub> mm	l <sub>1</sub> 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

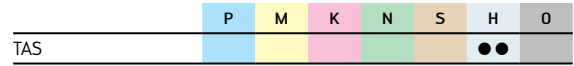
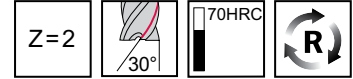
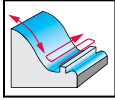
## Solid carbide ball-nose copy milling cutters

H8004788

**Proto-max™ Ultra**



– Long reach



Tool		R mm	D <sub>c</sub> h7 mm	L <sub>c</sub> mm	l <sub>4</sub> mm	d <sub>1</sub>	l <sub>1</sub> mm	Z
<p>DIN 6535 HA</p>	Designation							
	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



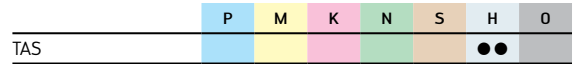
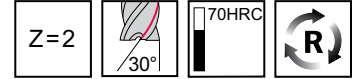
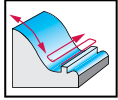
# Solid carbide mini ball-nose copy milling cutters

H4046988

Proto-max™ Ultra



- Long reach



Tool		R	L <sub>c</sub>	l <sub>3</sub>	d <sub>2</sub>	l <sub>1</sub>	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

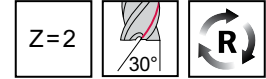
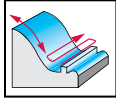
D1

●● 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 <sub>c</sub> h8	L <sub>c</sub>	l <sub>3</sub>	l <sub>4</sub>	d <sub>2</sub>	d <sub>1</sub>	l <sub>1</sub>	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

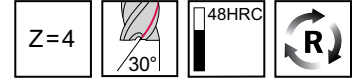
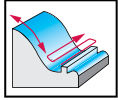
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

# Solid carbide ball-nose copy milling cutters

MC416 Advance



- Type 30



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	R mm	D <sub>c</sub> h7 mm	L <sub>c</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	d <sub>1</sub> mm	Z	WJ30TF
<p>DIN 6535 HA</p>	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	☺	
<p>DIN 6535 HB</p>	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**

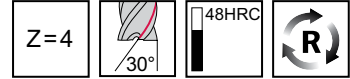
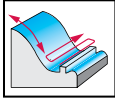
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# 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 <sub>c</sub> h9 inch	L <sub>c</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> inch	l <sub>1</sub> 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

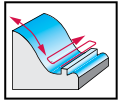
D1

**WALTER SELECT** ●● Primary application   ● Other application

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

# Solid carbide ball-nose copy milling cutters

MC416 Advance



Z=2

	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	R mm	D <sub>c</sub> h7 mm	L <sub>c</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	d <sub>1</sub> 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

**WALTER SELECT**

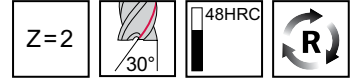
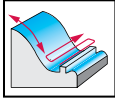
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# 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 <sub>c</sub> h7 mm	L <sub>c</sub> mm	L <sub>c2</sub> mm	l <sub>4</sub> mm	d <sub>2</sub> mm	l <sub>3</sub> mm	l <sub>1</sub> mm	Z	d <sub>1</sub> 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

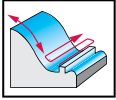
D1

**WALTER**  
**SELECT**

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

# Solid carbide ball-nose copy milling cutters

MC413 Advance



Z=4

30°

48HRC

	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	R mm	D <sub>c</sub> h7 mm	L <sub>c</sub> mm	L <sub>c2</sub> mm	l <sub>4</sub> mm	d <sub>2</sub> mm	l <sub>3</sub> mm	l <sub>1</sub> mm	Z	d <sub>1</sub> 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 d<sub>1</sub> <gt; 10 mm | Ordering example for the grade WJ30TF: MC413-05.0A4L-WJ30TF

D1

WALTER SELECT

●● Primary application    ● Other application

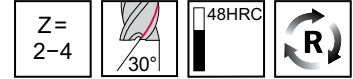
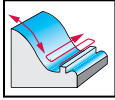
Best tool for → Good = ☺    → Average = ☹    → Poor = ☹☹ machining conditions

# 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 <sub>c</sub> h7 mm	L <sub>c</sub> mm	l <sub>4</sub> mm	d <sub>2</sub> mm	l <sub>3</sub> mm	l <sub>1</sub> mm	Z	d <sub>1</sub> 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 d<sub>1</sub> <gt; 10 mm | Ordering example for the grade WJ30TF: MC413-04.0A2XC-WJ30TF

D1

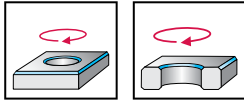
**WALTER  
SELECT**

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



# 60° solid carbide chamfer mill

MC500 Advance



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool		Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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										

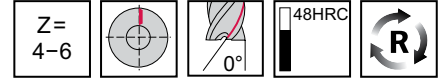
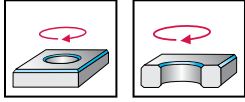
Shoulder milling  $a_e \leq 0.3 \times D_a$  | Ordering example for the grade WJ30TF: MC500-06.0A4L-WJ30TF

**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 <sub>c</sub> mm	D <sub>a</sub> mm	L <sub>c</sub> mm	h <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

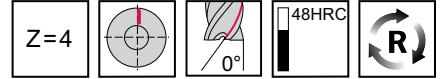
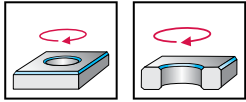
D1

**WALTER**  
**SELECT**

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

# 120° solid carbide chamfer mill

MC502 Advance



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

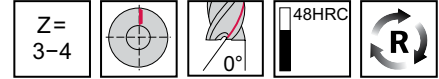
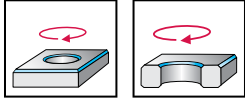
D1

**WALTER SELECT** ●● Primary application ● Other application

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

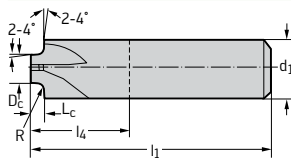
# Solid carbide quarter-round profile mill

MC503 Advance



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

## Tool



DIN 6535 HA

Designation	R mm	D <sub>c</sub> mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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**

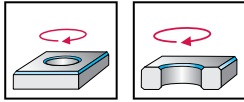
●● Primary application ● Other application  
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★ machining conditions

# Solid carbide forward/backward deburrer

MC504 Advance



- Long reach
- Type forward/backward deburrer



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool		D <sub>a</sub> mm	D <sub>c</sub> mm	L <sub>c</sub> mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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

D1

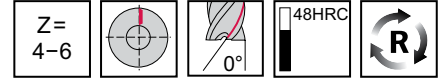
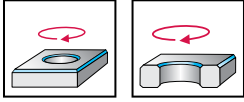
**WALTER  
SELECT**

●● 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 <sub>c</sub> inch	D <sub>a</sub> inch	L <sub>c</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub> 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

**WALTER**  
**SELECT**

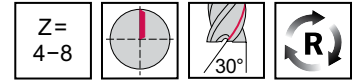
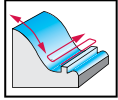
●● Primary application ● Other application  
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

# 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

**WALTER  
SELECT**

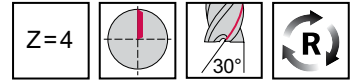
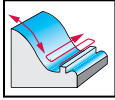
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Solid carbide circle segment milling cutters

MD839 Supreme



- Tangential



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

Tool		Designation	D <sub>a</sub> mm	R mm	R <sub>w</sub> mm	L <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>1</sub> 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	☺	☺

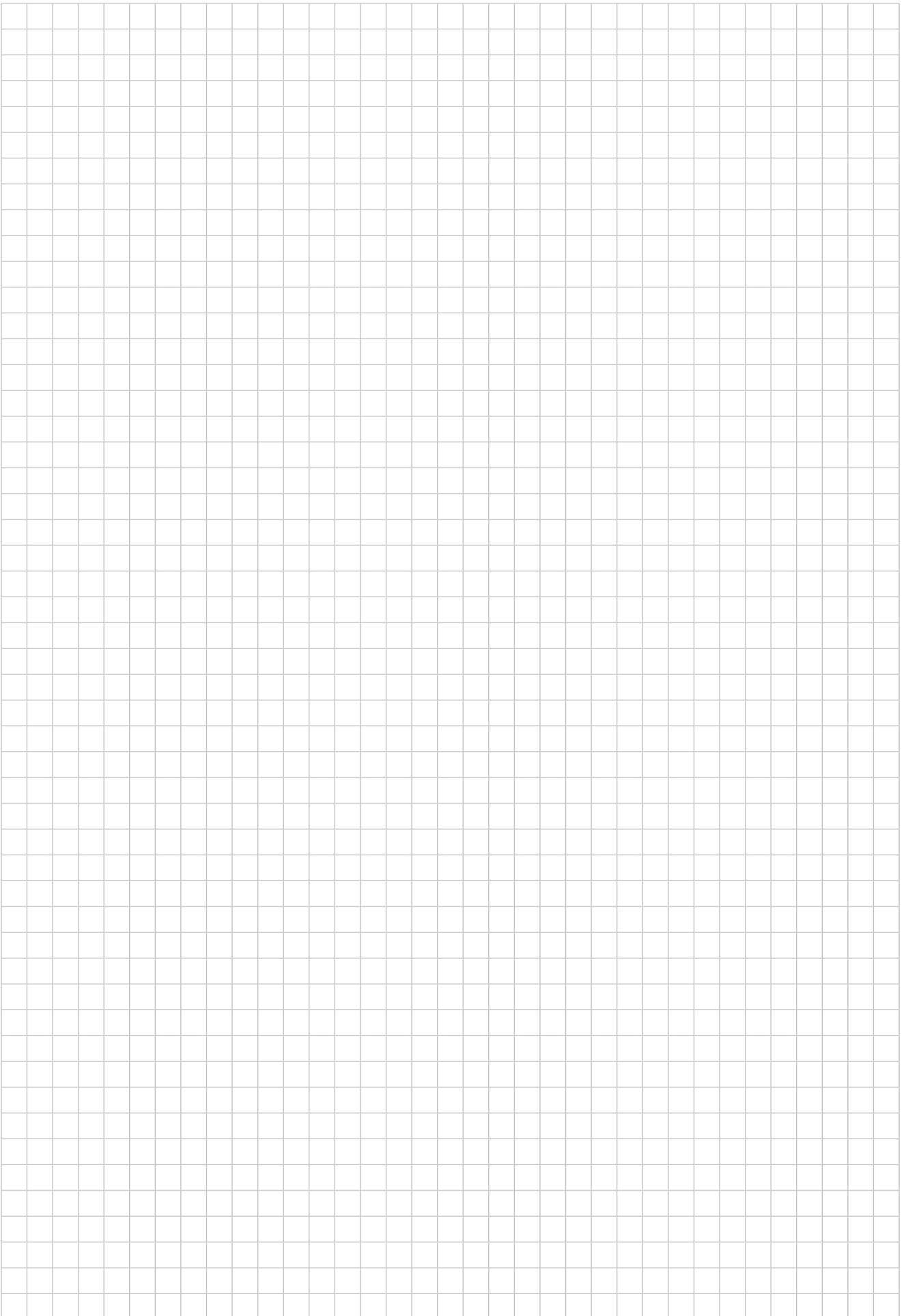
Ordering example for the grade WJ30RA: MD839-06A4P10100-WJ30RA

D1

**WALTER  
SELECT**

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





## High-feed milling cutters

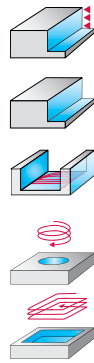


Designation	MC025 Advance	Protostar® Flash	MD025	MD025	Protostar® Flash
Diameter range	10–25,4	10–16	10–25	10–25	10–25
Number of teeth	4	3	5–6	5–6	4–5
Corner radius	1,5–3,18	1,5–2	1,5–3	1,5–3	1,5–3
Diameter range	0,375–0,750	—	0,375–1,000	0,375–1,000	—
Number of teeth	4	—	5–6	5–6	—
Corner radius	0,060–0,080	—	0,060–0,125	0,060–0,125	—
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	TAA	WJ30TF	TAX	WJ30RD	WJ30RA
Shank	ConeFit	ConeFit	ConeFit	ConeFit	ConeFit
<b>P</b> Steel	●●	●●	●●	●●	●●
<b>M</b> Stainless steel	●	●	●	●●	●●
<b>K</b> Cast iron	●	●	●	●	●
<b>N</b> NF metals				●	
<b>S</b> Materials with difficult cutting properties	●	●		●●	●
<b>H</b> Hard materials					
<b>O</b> Other					
Page in catalogue	D 243	D 246	D 241	D 241	D 245
QR code					
<a href="http://www.walter-tools.com/woc/">www.walter-tools.com/woc/</a>	MC025	protostar-flash	MD025	MD025	protostar-flash

**WALTER SELECT**

●● Primary application ● Other application

# Shoulder milling cutters



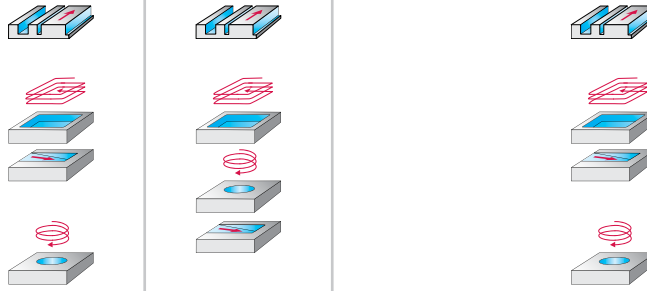
Designation	MC128	MD128	MD128
Diameter range	10–25	10–25	10–25
Number of teeth	6–8	6–8	6–8
Corner radius	0,5–4	0,5–4	0,5–4
Diameter range	—	—	—
Number of teeth	—	—	—
Corner radius	—	—	—
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30TF	WJ30TF	WJ30RD
Shank	ConeFit	ConeFit	ConeFit
<b>P</b> Steel	●●	●●	
<b>M</b> Stainless steel	●		●●
<b>K</b> Cast iron	●	●	
<b>N</b> NF metals			
<b>S</b> Materials with difficult cutting properties	●		●●
<b>H</b> Hard materials			
<b>O</b> Other			
Page in catalogue	D 239	D 237	D 237
QR code			
www.walter-tools.com/woc/	MC128	MD128	MD128

**WALTER SELECT**

●● Primary application ● Other application

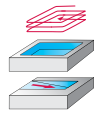
D1

## 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	WJ30TF	TAZ	TAX
Shank	ConeFit	ConeFit	ConeFit	ConeFit	ConeFit
<b>P</b> Steel	●●	●●	●●	●●	
<b>M</b> Stainless steel	●	●	●		●●
<b>K</b> Cast iron	●	●	●	●	
<b>N</b> NF metals					
<b>S</b> Materials with difficult cutting properties	●	●			●
<b>H</b> Hard materials					
<b>O</b> Other					
Page in catalogue	D 231	D 235	D 225	D 236	D 227
QR code					
<a href="http://www.walter-tools.com/woc/">www.walter-tools.com/woc/</a>	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	TAA
Shank	ConeFit
<b>P</b> Steel	
<b>M</b> Stainless steel	
<b>K</b> Cast iron	
<b>N</b> NF metals	● ●
<b>S</b> Materials with difficult cutting properties	
<b>H</b> Hard materials	
<b>O</b> Other	

Page in catalogue D 229



[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/) protostar

## 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
<b>P</b> Steel	●●
<b>M</b> Stainless steel	●●
<b>K</b> Cast iron	●
<b>N</b> NF metals	●
<b>S</b> Materials with difficult cutting properties	
<b>H</b> Hard materials	
<b>O</b> Other	

Page in catalogue D 247

QR code



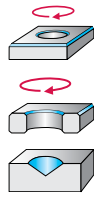
[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/)

protostar

**WALTER SELECT**

●● Primary application ● Other application

# Profiling cutters



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



Page in catalogue D 252



[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/) protostar

## Circle segment milling cutters



Designation	MD838	MD838
Diameter range	16	16
Number of teeth	8	8
Corner radius	2-4	2-4
Diameter range	—	—
Number of teeth	—	—
Corner radius	—	—
Standard	PWZ-NORM	PWZ-NORM
Coating / grade	WJ30RD	WJ30RD
Shank	ConeFit	ConeFit
<b>P</b> Steel	●●	●●
<b>M</b> Stainless steel		●●
<b>K</b> Cast iron	●	
<b>N</b> NF metals		●
<b>S</b> Materials with difficult cutting properties		●●
<b>H</b> Hard materials		
<b>O</b> Other		
Page in catalogue	D 251	D 251
QR code		
www.walter-tools.com/woc/	MD838	MD838

D1

**WALTER SELECT**

●● Primary application ● Other application



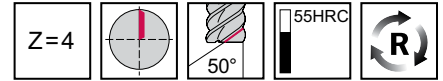
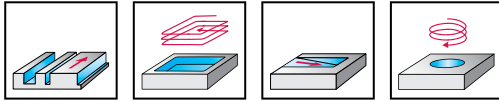
# Solid carbide shoulder/slot milling cutters

H4E34217

**Proto-max™<sub>ST</sub>**



- Long reach



	P	M	K	N	S	H	O
TAZ	●●		●				

Tool		L <sub>c</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub>	SW mm	Z
	Designation							
	H4E34217-E10-10	5,5	9,7	23,6	12,4	E10	8	4
	H4E34217-E12-12	6,5	11,7	28,3	14,5	E12	10	4
	H4E34217-E16-16	8,5	15,5	35,7	18,7	E16	12	4
	H4E34217-E20-20	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

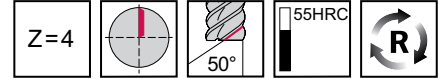
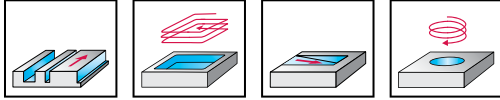
## Solid carbide shoulder/slot milling cutters

H4E38217

**Proto-max™<sub>ST</sub>**

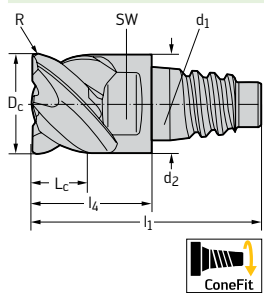


- Long reach



	P	M	K	N	S	H	O
TAZ	●●		●				

### Tool



ConeFit



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

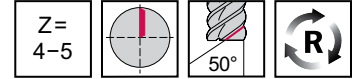
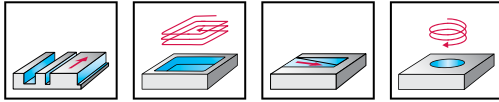
**WALTER  
SELECT**

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

# Solid carbide shoulder/slot milling cutters

H2EC34217

Proto-max™<sub>Inox</sub>



	P	M	K	N	S	H	O
TAA		●●			●		

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

ConeFit

Slot milling  $a_p \leq 0,4 \times D_c$  | Shoulder milling  $a_e \leq 0,5 \times D_c$

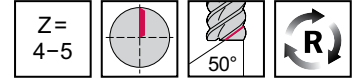
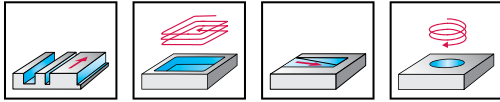
D1

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

## Solid carbide shoulder/slot milling cutters

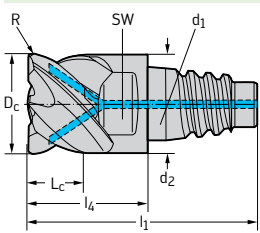
H2EC38217

Proto-max™<sub>Inox</sub>



TAA	P	M	K	N	S	H	O
		●●			●		

### Tool



ConeFit

Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub>	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

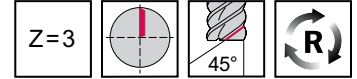
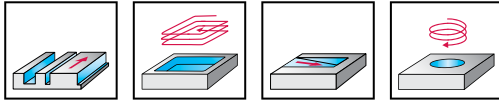
# Solid carbide shoulder/slot milling cutters

H6E2211

**Protostar®**



- Type AI 45



	P	M	K	N	S	H	O
uncoated				●●			

Tool		D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>2</sub> mm	d <sub>1</sub>	SW mm	Z
	Designation								
	H6E2211-E10-10	10	5,5	23,6	12,4	9,7	E10	8	3
	H6E2211-E12-12	12	6,5	28,3	14,5	11,7	E12	10	3
	H6E2211-E16-16	16	8,5	35,7	18,7	15,5	E16	12	3
	H6E2211-E20-20	20	11	40,8	21,3	19,3	E20	16	3
	H6E2211-E25-25	25	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

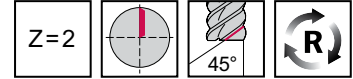
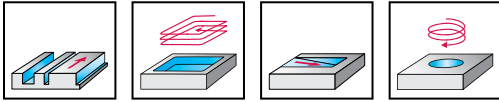
## Solid carbide shoulder/slot milling cutters

H6E2511

**Protostar®**



- Type AI 45



	P	M	K	N	S	H	O
uncoated				●●			

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>2</sub> mm	d <sub>1</sub>	SW mm	Z
	H6E2511-E10-10	10	5,5	23,6	12,4	9,7	E10	8	2
	H6E2511-E12-12	12	6,5	28,3	14,5	11,7	E12	10	2
	H6E2511-E16-16	16	8,5	35,7	18,7	15,5	E16	12	2



ConeFit

Slot milling  $a_p \leq 0.5 \times D_c$  | Shoulder milling  $a_e \leq 0.5 \times D_c$  | Bodies and assembly parts are included in the scope of delivery

D1

**WALTER  
SELECT**

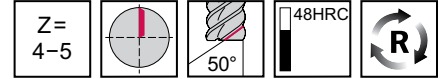
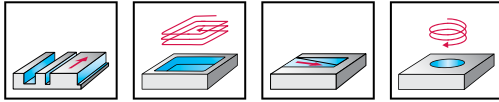
●● Primary application ● Other application  
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

# Solid carbide shoulder/slot milling cutters

MC326



- Type N 50



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h10 mm	L <sub>c</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub>	SW mm	Z	WJ30TF
	MC326-10.0E4P-	10	5,5	9,7	23,6	12,4	E10	8	4	☺
	MC326-12.0E4P-	12	6,5	11,7	28,3	14,5	E12	10	4	☺
	MC326-16.0E4P-	16	8,5	15,5	35,7	18,7	E16	12	4	☺
	MC326-20.0E4P-	20	11	19,3	40,8	21,3	E20	16	4	☺
	MC326-25.0E5P-	25	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**

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

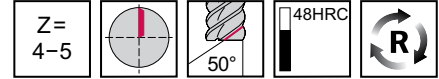
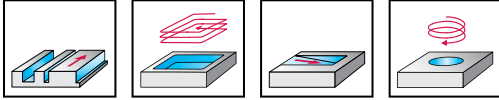
●● Primary application ● Other application

# Solid carbide shoulder/slot milling cutters

MC326 inch

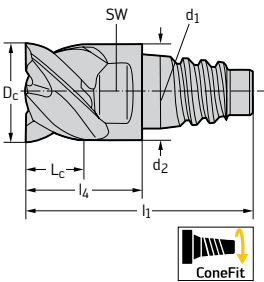


- Type N 50



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

## Tool



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

**WALTER SELECT**

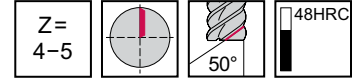
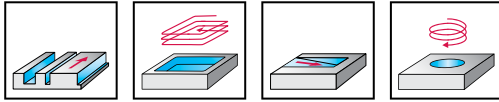
●● Primary application   ● Other application

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



# Solid carbide shoulder/slot milling cutters

MC326 mm



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub>	SW mm	Z	WJ30TF
 ConeFit	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

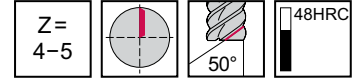
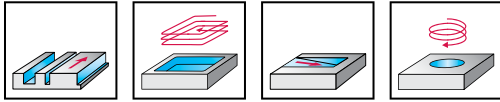
D1

**WALTER  
SELECT**

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

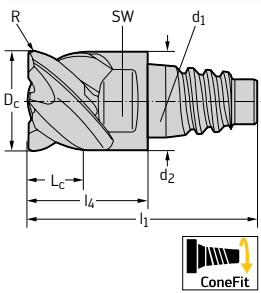
# Solid carbide shoulder/slot milling cutters

MC326 inch



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

## Tool



ConeFit

Designation	D <sub>c</sub> h9 inch	D <sub>c</sub> h9 inch	R inch	L <sub>c</sub> inch	d <sub>2</sub> inch	l <sub>1</sub> inch	l <sub>4</sub> inch	d <sub>1</sub>	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

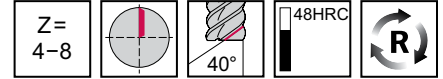
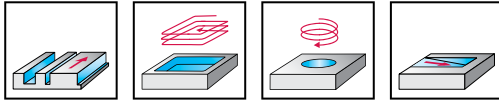
D1

**WALTER**  
**SELECT**

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

# Solid carbide shoulder/slot milling cutter

MC320 mm



	P	M	K	N	S	H	O
WJ30TF	●	●	●	●	●		

Tool		D <sub>c</sub> h12 mm	L <sub>c</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub>	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**

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

●● Primary application ● Other application

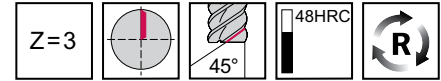
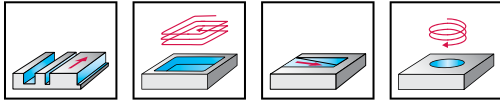
# Solid carbide shoulder/slot milling cutters

H3E29148

**Protostar®**



- Type 45



	P	M	K	N	S	H	O
TAX	●●		●				

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

ConeFit

Slot milling  $a_p \leq 0,5 \times D_c$  | Shoulder milling  $a_e \leq 0,6 \times D_c$  | Bodies and assembly parts are included in the scope of delivery

D1

**WALTER  
SELECT**

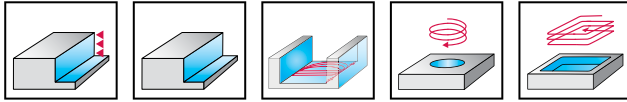
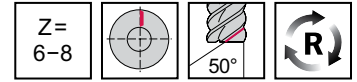
●● Primary application ● Other application  
Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

# Solid carbide shoulder milling cutters

MD128 mm



- Type N 50



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

Tool		D <sub>c</sub> h10 mm	L <sub>c</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub>	SW mm	Z	WJ30RA	WJ30RD
	Designation										
	MD128-10.0E6X-	10	15	9,7	33,1	21,9	E10	8	6	☺	☺
	MD128-12.0E6X-	12	18	11,7	39,8	26	E12	10	6	☺	☺
	MD128-16.0E6X-	16	24	15,5	51,2	34,2	E16	12	6	☺	☺
	MD128-20.0E8X-	20	30	19,3	59,8	40,3	E20	16	8	☺	☺
	MD128-25.0E8X-	25	37,5	24,2	73,6	49,8	E25	20	8	☺	☺

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

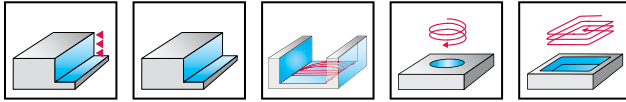
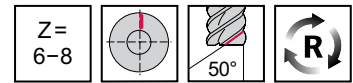
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹☹ machining conditions

# Solid carbide shoulder milling cutters

MD128 mm



- Type N 50



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

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub>	SW mm	Z	WJ30RA	WJ30RD
<p>ConeFit</p>	MD128-10.0E6X050-	10	0,5	15	9,7	33,1	21,9	E10	8	6	☺	☺
	MD128-10.0E6X100-	10	1	15	9,7	33,1	21,9	E10	8	6	☺	☺
	MD128-12.0E6X050-	12	0,5	18	11,7	39,8	26	E12	10	6	☺	☺
	MD128-12.0E6X100-	12	1	18	11,7	39,8	26	E12	10	6	☺	☺
	MD128-12.0E6X200-	12	2	18	11,7	39,8	26	E12	10	6	☺	☺
	MD128-16.0E6X050-	16	0,5	24	15,5	51,2	34,2	E16	12	6	☺	☺
	MD128-16.0E6X100-	16	1	24	15,5	51,2	34,2	E16	12	6	☺	☺
	MD128-16.0E6X200-	16	2	24	15,5	51,2	34,2	E16	12	6	☺	☺
	MD128-20.0E8X100-	20	1	30	19,3	59,8	40,3	E20	16	8	☺	☺
	MD128-20.0E8X400-	20	4	30	19,3	59,8	40,3	E20	16	8	☺	☺
	MD128-25.0E8X100-	25	1	37,5	24,2	73,6	49,8	E25	20	8	☺	☺
	MD128-25.0E8X400-	25	4	37,5	24,2	73,6	49,8	E25	20	8	☺	☺

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

D1

**WALTER  
SELECT**

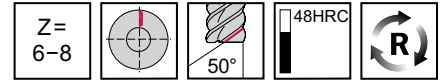
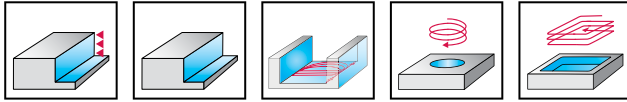
●● Primary application ● Other application  
Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ / ★ machining conditions

# Solid carbide shoulder milling cutters

MC128



- Type N 50



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

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

ConeFit

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

D1

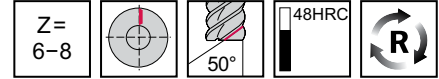
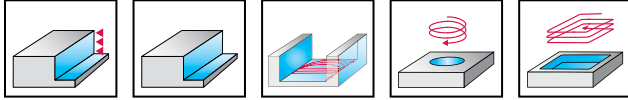
●● Primary application   ● Other application  
 Best tool for → Good = 😊   → Average = 😐   → Poor = ☹ machining conditions

# Solid carbide shoulder milling cutters

MC128



- Type N 50



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h9 mm	R mm	L <sub>c</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub>	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

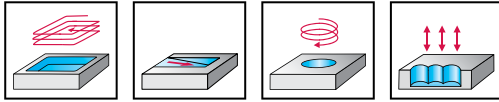
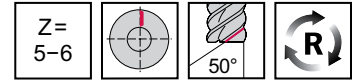
**WALTER SELECT** ●● Primary application   ● Other application

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



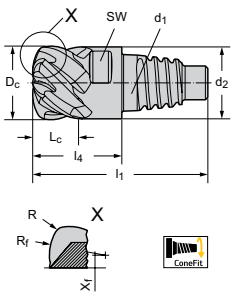
# Solid carbide high-feed milling cutter

MD025



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

## Tool



Designation	D <sub>c</sub> h9 mm	L <sub>c</sub> mm	x <sub>f</sub> mm	R <sub>f</sub> mm	R <sub>grs</sub> mm	R mm	l <sub>1</sub> mm	l <sub>4</sub> mm	SW mm	d <sub>1</sub>	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

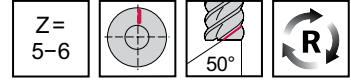
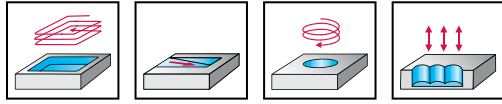
**WALTER SELECT**

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

●● Primary application ● Other application

# Solid carbide high-feed milling cutter

MD025 inch



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

Tool	Designation	$D_c$	$L_c$	$x_f$	$R_f$	$R_{grs}$	$R$	$l_1$	$l_4$	SW	$d_1$	Z	WJ30RA	WJ30RD
		h9 inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch		☺
	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

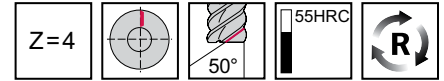
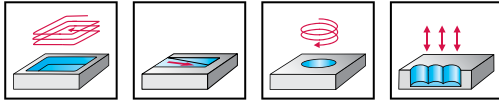
D1

**WALTER SELECT** ●● Primary application   ● Other application

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

# Solid carbide high-feed milling cutter

MC025 Advance



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h9 mm	a <sub>pf</sub> mm	x <sub>f</sub> mm	R <sub>f</sub> mm	R <sub>ers</sub> mm	R mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub>	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<sub>e</sub> ≤ 0.5 x D<sub>c</sub> | Ordering example for the grade WJ30TF: MC025-10.0E4P150-WJ30TF

D1

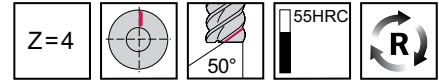
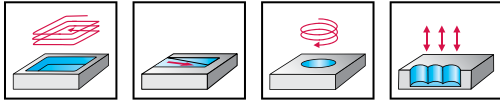
**WALTER SELECT**

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

●● Primary application ● Other application

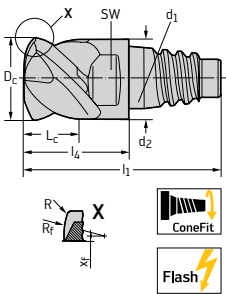
# Solid carbide high-feed milling cutter

MC025 Advance inch



	P	M	K	N	S	H	O
WJ30TF	●●	●	●	●	●		

## Tool



Designation	D <sub>c</sub> h9 mm	a <sub>pf</sub> mm	x <sub>f</sub> mm	R <sub>f</sub> mm	R <sub>rs</sub> mm	R mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub>	Z	SW mm	WJ30TF
MC025.9.53E4P152-	10,0000	5,3	1,7	4,6	1,936	1,500	23,6	12,4	E10	4	8	☺
MC025.12.7E4P152-	13,0000	7	2,5	6	2,176	1,500	28,3	14,5	E12	4	10	☺
MC025.15.9E4P203-	16,0000	8,5	3	8	2,787	2,000	35,7	18,7	E16	4	12	☺
MC025.19.1E4P203-	19,0000	10,5	4	9	2,971	2,000	40,8	21,3	E20	4	16	☺
MC025.25.4E4P318-	25	14	5	12	4,423	3,2	49,6	25,6	E25	4	20	☺

ConeFit

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

D1

**WALTER  
SELECT**

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

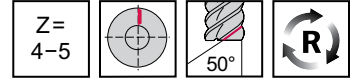
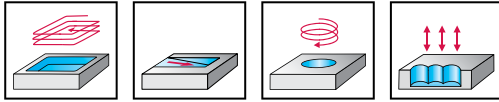
# Solid carbide shoulder/slot milling cutters

H2EC94717

**Protostar® Flash**



- Type Flash N 50



	P	M	K	N	S	H	O
TAA		●●			●		

Tool	Designation	D <sub>c</sub> h9 mm	a <sub>pf</sub> mm	x <sub>f</sub> mm	R <sub>f</sub> mm	R <sub>ers</sub> mm	R mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	SW mm	d <sub>1</sub>	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  $a_e \leq 0.5 \times D_c$

D1

**WALTER SELECT** ●● Primary application ● Other application

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

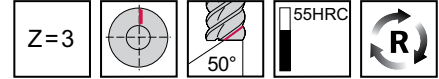
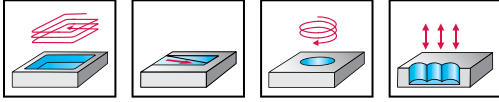
# Solid carbide shoulder/slot milling cutters

H3E93718

**Protostar® Flash**



- Type Flash N 50



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool	Designation	D <sub>c</sub> h9 mm	a <sub>pf</sub> mm	L <sub>c</sub> mm	x <sub>f</sub> mm	R <sub>f</sub> mm	R <sub>ers</sub> mm	R mm	l <sub>1</sub> mm	l <sub>4</sub> mm	SW mm	d <sub>1</sub>	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  $a_e \leq 0.5 \times D_c$

D1

**WALTER SELECT**

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

●● Primary application ● Other application

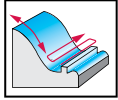
# Solid carbide ball-nose copy milling cutters

H8E11118

**Protostar®**



- Type N 40



Z=4

40°

48HRC

	P	M	K	N	S	H	O
TAX	●●	●●	●	●			

Tool	Designation	R mm	D <sub>c</sub> h9 mm	L <sub>c</sub> mm	l <sub>4</sub> mm	d <sub>2</sub> mm	d <sub>1</sub>	l <sub>1</sub> mm	Z	SW mm
	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

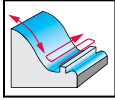
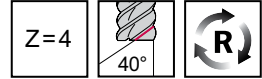
●● Primary application   ● Other application

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	Designation	R inch	$D_c$ h9 inch	$L_c$ inch	$l_4$ inch	$d_2$ inch	$d_1$	$l_1$ inch	Z	SW inch
<p>ConeFit</p>	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

D1

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



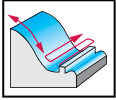
# Solid carbide ball-nose copy milling cutters

H8E01118

**Protostar®**



- Type N 40



Z=2

40°

48HRC

R

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

Tool	Designation	R mm	D <sub>c</sub> h9 mm	L <sub>c</sub> mm	l <sub>4</sub> mm	d <sub>2</sub> mm	d <sub>1</sub>	l <sub>1</sub> mm	Z	SW mm
<p>ConeFit</p>	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

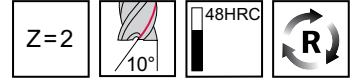
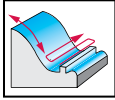
## Solid carbide ball-nose copy milling cutters

H1E01118

**Protostar®**



- Type N 10



	P	M	K	N	S	H	O
TAX	●●	●●	●	●			

Tool		R	D <sub>c</sub>	L <sub>c</sub>	l <sub>4</sub>	d <sub>2</sub>	d <sub>1</sub>	l <sub>1</sub>	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

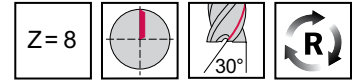
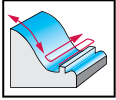
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

# Solid carbide circle segment milling cutters

MD838



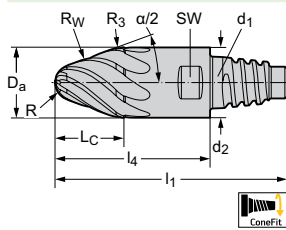
- Conical



	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

**WALTER  
SELECT**

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

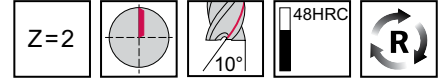
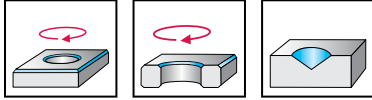
# 60° solid carbide chamfer mill

H1E58518

**Protostar®**



- 60° type chamfer milling cutters



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool		D <sub>c</sub> mm	D <sub>a</sub> mm	L <sub>c</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	SW mm	d <sub>1</sub> mm	Z
	Designation									
	H1E58518-E10-10	1,5	10	7,23	9,7	23	12	6	E10	2
	H1E58518-E12-12	1,5	12	7,73	11,7	28	14	8	E12	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

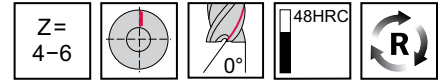
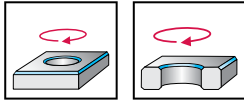
# 60° solid carbide chamfer mill

H3E58518

**Protostar®**



- 60° type chamfer milling cutters



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool		D <sub>c</sub> mm	D <sub>a</sub> mm	L <sub>c</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	SW mm	d <sub>1</sub> mm	Z
	Designation									
	H3E58518-E10-10	3,5	10	5,6	9,7	24	12	8	E10	4
	H3E58518-E12-12	4,5	12	6,5	11,7	28	15	10	E12	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

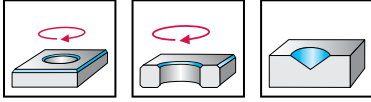
# 90° solid carbide chamfer mill

H1E58318

**Protostar®**

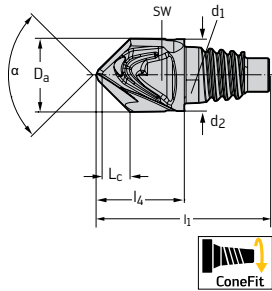


- 90° type chamfer milling cutters



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

## Tool



Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	L <sub>c</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	SW mm	d <sub>1</sub> mm	Z
H1E58318-E10-10	1,5	10	4,23	9,7	23	12	6	E10	2
H1E58318-E12-12	1,5	12	5,23	11,7	28	14	8	E12	2
H1E58318-E16-16	1,5	16	7,23	15,5	35	18	10	E16	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

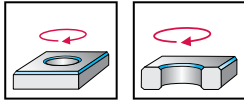
# 90° solid carbide chamfer mill

H3E58318

**Protostar®**



- 90° type chamfer milling cutters



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool		D <sub>c</sub> mm	D <sub>a</sub> mm	L <sub>c</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	SW mm	d <sub>1</sub> mm	Z
	Designation									
	H3E58318-E10-10	1,5	10	4,25	9,7	24	12	8	E10	4
	H3E58318-E12-12	3	12	4,5	11,7	28	13	10	E12	6
	H3E58318-E16-16	3	16	6,5	15,5	36	17	12	E16	8

ConeFit

Shoulder milling  $a_e \leq 0.3 \times D_a$

D1

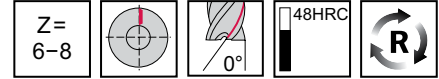
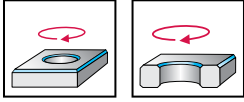
**WALTER SELECT** ●● Primary application ● Other application

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

# Solid carbide chamfer milling cutter 90°

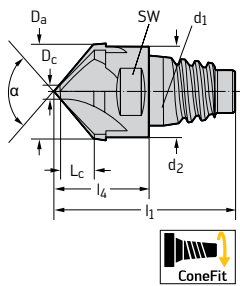
AH3E58318 inch

**Protostar®**



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

## Tool



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



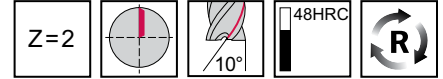
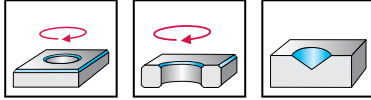
# 120° solid carbide chamfer mill

H1E58118

**Protostar®**



- 120° type chamfer milling cutters



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool		D <sub>c</sub> mm	D <sub>a</sub> mm	L <sub>c</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	SW mm	d <sub>1</sub> mm	Z
	Designation									
	H1E58118-E10-10	1,5	10	2,43	9,7	23	12	6	E10	2
	H1E58118-E12-12	1,5	12	3,03	11,7	28	14	8	E12	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

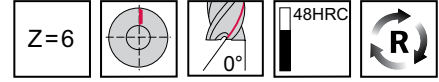
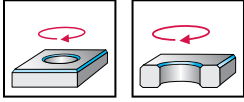
# 120° solid carbide chamfer mill

H3E58118

**Protostar®**



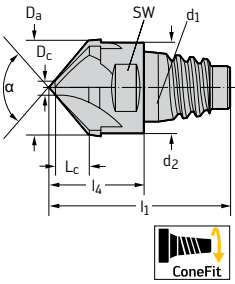
- 120° type chamfer milling cutters



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

## Tool

Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	L <sub>c</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	SW mm	d <sub>1</sub> mm	Z
H3E58118-E12-12	3	12	2,6	11,7	28	14	10	E12	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

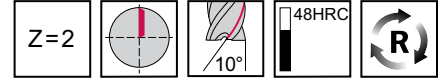
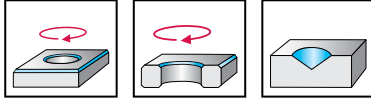
# 150° solid carbide chamfer mill

H1E58018

**Protostar®**



- Type chamfer milling cutter 150°



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool		Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	L <sub>c</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	SW mm	d <sub>1</sub> mm	Z
		H1E58018-E12-12	1,5	12	1,6	11,7	28	14	8	E12	2

ConeFit

Shoulder milling  $a_e \leq 0.5 \times D_a$

D1

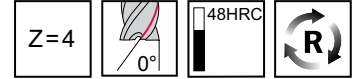
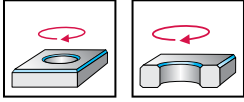
**WALTER SELECT** ●● Primary application ● Other application

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

# Solid carbide quarter-round profile mill

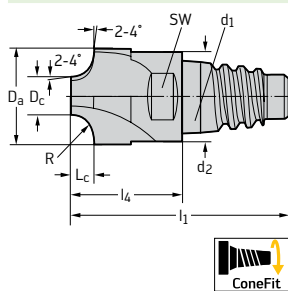
H3E68118

**Protostar®**



	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

## Tool



Designation	R mm	D <sub>c</sub> mm	D <sub>a</sub> mm	L <sub>c</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	SW mm	d <sub>1</sub>	Z
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



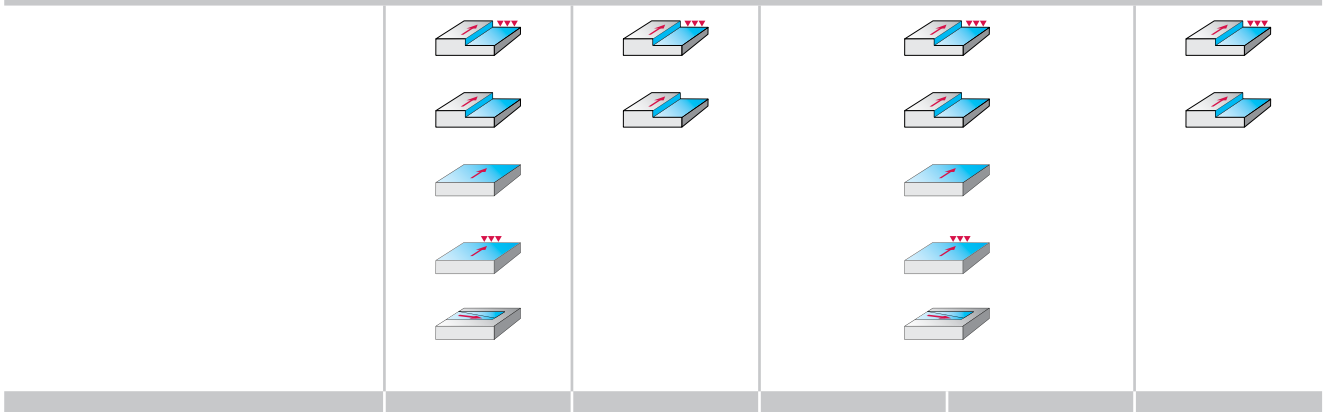
ConeFit

D1

**WALTER SELECT** ●● Primary application ● Other application

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

## Shoulder milling cutters



Designation

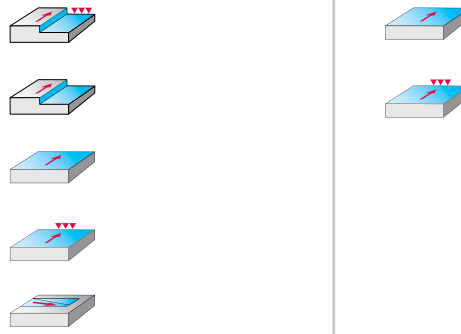
Diameter range	40-63	32-40	50-80	40-63	25-40
Number of teeth	6	4-6	6-8	6	4-6
Corner radius					
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard					
Coating / grade	WP40	WP40	WP40	WP40	WKM
Shank	Modulare Aufnahme NCT	Modular NCT adaptor	DIN 1835 B	Shell mill mount DIN 138 transverse keyway	Modular NCT adaptor
P Steel	●●	●●	●●		
M Stainless steel					
K Cast iron				●●	●●
N NF metals					
S Materials with difficult cutting properties					
H Hard materials					
O Other					
Page in catalogue	D 266	D 265	D 267	D 266	D 265
QR code					
www.walter-tools.com/woc/	F1682	F1678	F1675	F1682	F1678

WALTER SELECT

●● Primary application ● Other application

D1

## Shoulder milling cutters

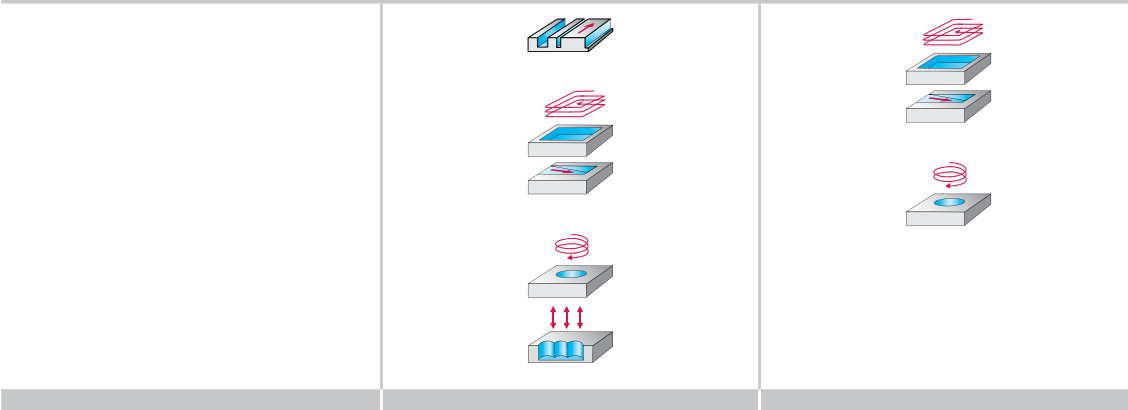


Designation		MP260	MP160	MP060
Diameter range	50–80	4–20	16–40	40,6–125,6
Number of teeth	6–8	2–3	3–4	10–22
Corner radius		0,1–0,2	0,2	—
Diameter range	—	—	—	—
Number of teeth				
Corner radius				
Standard				
Coating / grade	WKM	WKM	WDN20	WDN20
Shank	DIN 1835 B	Shell mill mount DIN 138 transverse keyway	ScrewFit DIN 6535 HA	ScrewFit DIN 6535 HA
<b>P</b> Steel				
<b>M</b> Stainless steel				
<b>K</b> Cast iron	●●			
<b>N</b> NF metals		●●	●●	●●
<b>S</b> Materials with difficult cutting properties				
<b>H</b> Hard materials				
<b>O</b> Other		●	●	●
Page in catalogue	D 267	D 268	D 270	D 272
QR code				
<a href="http://www.walter-tools.com/woc/">www.walter-tools.com/woc/</a>	F1675	MP260	MP160	MP060

**WALTER SELECT**

●● Primary application ● Other application

## Brazed milling tools



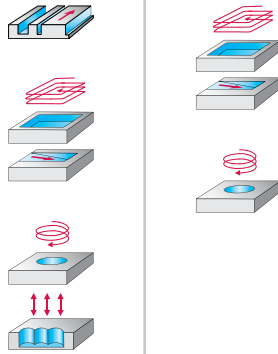
Designation	MC275	MC075
Diameter range	8–12	8–12
Number of teeth	4–6	4
Corner radius	1	1–1,5
Diameter range	—	—
Number of teeth	—	—
Corner radius	—	—
Standard	PWZ-NORM	PWZ-NORM
Coating / grade	WIS10	WIS10
Shank	DIN 6535 HA	DIN 6535 HA
<b>P</b> Steel		
<b>M</b> Stainless steel		
<b>K</b> Cast iron		
<b>N</b> NF metals		
<b>S</b> Materials with difficult cutting properties	●●	●●
<b>H</b> Hard materials		
<b>O</b> Other		
Page in catalogue	D 273	D 274
QR code		
<a href="http://www.walter-tools.com/woc/">www.walter-tools.com/woc/</a>	MC275	MC075



WALTER SELECT

●● Primary application ● Other application

D1

## Brazed milling tools



Designation	MC275	MC075	
Diameter range	12–25	16–25	
Number of teeth	4–8	4	
Corner radius	1–1,5	2–3	
Diameter range	—	—	
Number of teeth			
Corner radius			
Standard	PWZ-NORM	PWZ-NORM	
Coating / grade	WIS10	WIS10	WIS10
Shank	ConeFit	ConeFit	ConeFit
<b>P</b> Steel			
<b>M</b> Stainless steel			
<b>K</b> Cast iron			
<b>N</b> NF metals			
<b>S</b> Materials with difficult cutting properties	●●	●●	
<b>H</b> Hard materials			
<b>O</b> Other			
Page in catalogue	D 275	D 276	
QR code			
<a href="http://www.walter-tools.com/woc/">www.walter-tools.com/woc/</a>	MC275	MC075	

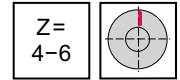
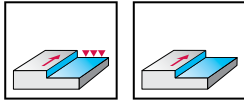


# Brazed helical shoulder milling cutters

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	0,42
		F1678.W.032.Z04.50.K	32	0,5	50	69	130	32	4	0,71
		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	1,03
		F1678.W.040.Z06.63.P	40	0,8	63	84	145	32	6	1,02

DIN 1835 B

D1

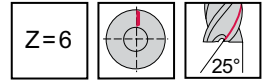
**WALTER SELECT**

●● Primary application    ● Other application

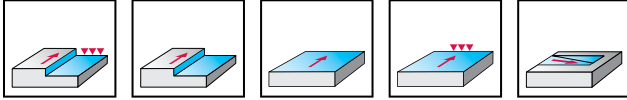
Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

# Brazed helical shoulder milling cutters

F1682

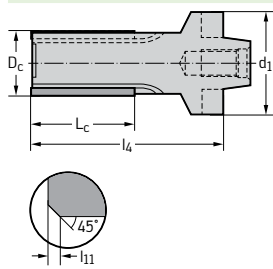


- Brazed cutting edges



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

## Tool



Modular NCT adaptor

Designation	D <sub>c</sub> js16 mm	l <sub>1</sub> mm	L <sub>c</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	d <sub>1</sub> mm	Z	kg
F1682.N6.040.Z06.63.K	40	0,8	63	120	136	63	6	1,34
F1682.N6.040.Z06.63.P	40	0,8	63	120	136	63	6	1,35
F1682.N8.050.Z06.80.P	50	0,8	80	135	153	80	6	2,45
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

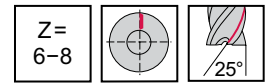
D1

WALTER  
SELECT

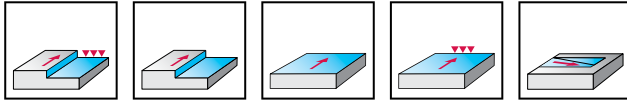
●● Primary application ● Other application  
 Best tool for → Good = 😊 → Average = 😐 → Poor = ☹️ machining conditions

# Brazed helical shoulder milling cutters

F1675 mm



- Brazed cutting edges



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

Tool		Designation	D <sub>c</sub> js16 mm	l <sub>11</sub> mm	L <sub>c</sub> mm	l <sub>1</sub> mm	d <sub>1</sub> 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

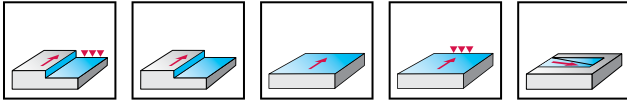
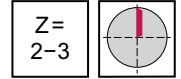
Shell mill mount DIN 138 transverse keyway

D1

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

**PCD routing cutters**

**MP260** mm



	P	M	K	N	S	H	O
WDN20				●●			●

Tool		Designation	D <sub>c</sub> mm	R mm	L <sub>c</sub> mm	l <sub>4</sub> mm	d <sub>1</sub>	Z	kg	WDN20
		MP260-016T02P	16	0,2	15	30	T14	2	0,04	☺
		MP260-016T03P	16	0,2	15	30	T14	3	0,03	☺
		MP260-020T03P	20	0,2	18	30	T18	3	0,05	☺

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

D1

**WALTER SELECT**

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

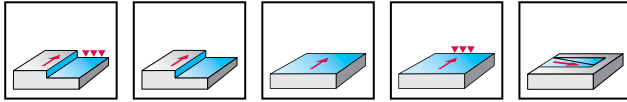
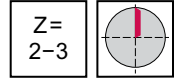
●● Primary application ● Other application

# PCD routing cutters

MP260 mm



– Solid carbide shank



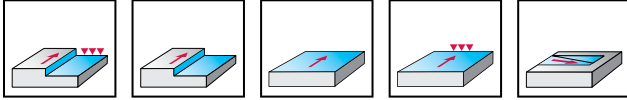
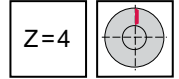
	P	M	K	N	S	H	O
WDN20				●●			●

Tool		Designation	D <sub>c</sub> mm	R mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	kg	WDN20
<p>DIN 6535 HA</p>		MP260-004A02P	4	0,1	6	52	12	4	2	0,02	☺
		MP260-005A02P	5	0,1	8	55	15	6	2	0,02	☺
		MP260-006A02P	6	0,2	8	60	20	6	2	0,02	☺
		MP260-008A02P	8	0,2	10	70	15	8	2	0,04	☺
		MP260-010A02P	10	0,2	12	80	17	10	2	0,08	☺
		MP260-012A02P	12	0,2	16	80	21	12	2	0,11	☺
		MP260-016A02P	16	0,2	20	90	25	16	2	0,22	☺
		MP260-016A03P	16	0,2	20	90	25	16	3	0,22	☺
		MP260-020A03P	20	0,2	20	100	48,5	20	3	0,4	☺

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

# PCD shoulder milling cutters

MP160 mm



	P	M	K	N	S	H	O
WDN20				●●			●

Tool		Designation	D <sub>c</sub> mm	R mm	L <sub>c</sub> mm	l <sub>4</sub> mm	d <sub>1</sub>	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

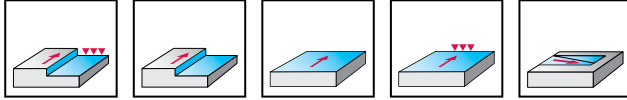
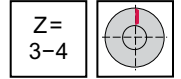
<b>WALTER SELECT</b>	●● Primary application    ● Other application	
	Best tool for → Good = 😊    → Average = 😐    → Poor = 😞	machining conditions

# PCD shoulder milling cutters

MP160 mm



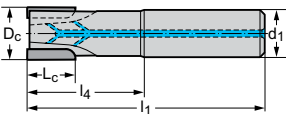
– Solid carbide shank



	P	M	K	N	S	H	O
WDN20				●●			●

## Tool

Designation	D <sub>c</sub> mm	R mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	kg	WDN20
MP160-016A03P	16	0,2	20	90	25	16	3	0,22	☺
MP160-020A04P	20	0,2	20	100	48,5	20	4	0,39	☹
MP160-025A04P	25	0,2	20	100	42,5	25	4	0,62	☹



DIN 6535 HA

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

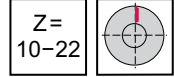
D1

**WALTER  
SELECT**

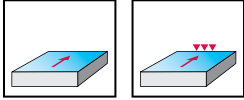
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# PCD face milling cutters

MP060 mm



- κ = 75° up to L<sub>c</sub> = 1.1 mm



	P	M	K	N	S	H	O
WDN20				●●			●

Tool		D <sub>c</sub> mm	h <sub>1</sub> mm	L <sub>c</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	kg	WDN20
	Designation								
	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	☺	

Shell mill mount DIN 138 transverse keyway

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

D1

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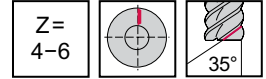
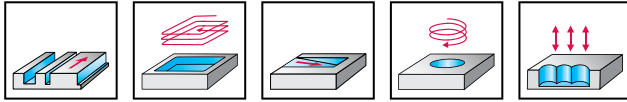


# Ceramic shoulder/slot milling cutters

MC275 mm



- Long reach



	P	M	K	N	S	H	O
WIS10					●●		

Tool		D <sub>c</sub> h12 mm	R mm	l <sub>3</sub> mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> mm	Z	WIS10
	Designation									
	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**

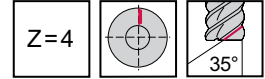
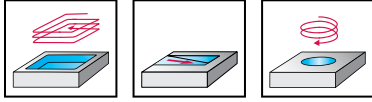
●● Primary application ● Other application  
 Best tool for → Good = ☺ → Average = ☹ → Poor = ☹ machining conditions

# Ceramic shoulder/slot milling cutters

MC075 mm



- Long reach



	P	M	K	N	S	H	O
WIS10					●●		

## Tool

Designation	a <sub>pf</sub> mm	D <sub>c</sub> h12 mm	x <sub>f</sub> mm	R <sub>f</sub> mm	R <sub>ers</sub> mm	R mm	L <sub>c</sub> mm	l <sub>3</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub> 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<sub>e</sub> ≤ 0.5 x D<sub>c</sub> | Ordering example for the grade WIS10: MC075-08.0A4P100C-WIS10

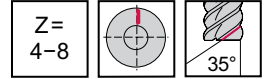
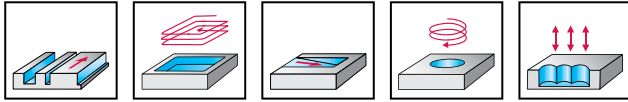
D1

**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					●●		

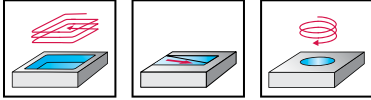
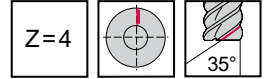
Tool	Designation	D <sub>c</sub> h12 mm	R mm	d <sub>2</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	d <sub>1</sub>	SW mm	Z	WIS10
	MC275-12.0E4P100-	12	1	11,7	32,6	18,8	E12	10	4	☺
	MC275-12.0E6P100-	12	1	11,7	32,6	18,8	E12	10	6	☺
	MC275-16.0E6P150-	16	1,5	15,5	42,7	25,7	E16	12	6	☺
	MC275-16.0E8P150-	16	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

# Ceramic shoulder/slot milling cutters

MC075 mm



	P	M	K	N	S	H	O
WIS10					●●		

Tool		a <sub>pf</sub> mm	D <sub>c</sub> h12 mm	x <sub>f</sub> mm	R <sub>f</sub> mm	R <sub>ers</sub> mm	R mm	L <sub>c</sub> mm	l <sub>1</sub> mm	l <sub>4</sub> mm	SW mm	d <sub>1</sub>	Z	WIS10
	Designation													
	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  $a_e \leq 0.5 \times D_c$  | Ordering example for the grade WIS10: MC075-16.0E4P200-WIS10

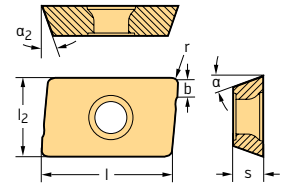
D1

**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 <sub>2</sub>	b mm	P					M				K					N		S				
									HC					HC				HC					HC	HW	HC				
									WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WSM35G	WSM35S	WSP45G	WSP45S	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM35S	WSP45G	WSP45S
ADGT0803PER-D51	G	2	3.35	9.52	0.4	15°	20°	1.2	☺	☺	☺	☺	☺			☺	☺				☺	☺	☺					☺	☺
ADGT1204PER-D51	G	2	4.76	13.6	0.8	15°	20°	1.2	☺	☺	☺	☺	☺			☺	☺				☺	☺	☺					☺	☺
ADGT1606PER-D51	G	2	6.15	17.5	0.8	15°	20°	1.6	☺	☺	☺	☺	☺			☺	☺				☺	☺	☺					☺	☺
ADGT1807PER-D51	G	2	7.94	19	1.2	15°	17°	1.8	☺	☺						☺	☺				☺	☺	☺					☺	☺
ADGT1204PER-D56	G	2	4.76	13.6	0.8	15°	20°	1.2	☺	☺	☺	☺	☺			☺	☺				☺	☺	☺					☺	☺
ADGT1606PER-D56	G	2	6.15	17.5	0.8	15°	20°	1.6	☺	☺	☺	☺	☺			☺	☺				☺	☺	☺					☺	☺
ADGT1807PER-D56	G	2	7.94	19	1.2	15°	17°	1.8	☺	☺						☺	☺				☺	☺	☺					☺	☺
ADGT10T330R-D67	G	2	3.8	11.3	3	15°	15°	0.8				☺	☺			☺	☺											☺	☺
ADGT10T3PER-D67	G	2	3.8	11.3	0.8	15°	15°	1.2		☺	☺	☺	☺	☺	☺	☺	☺										☺	☺	☺
ADGT120416R-D67	G	2	4.76	13.6	1.6	15°	20°	1		☺	☺	☺	☺			☺	☺										☺	☺	☺
ADGT1204PER-D67	G	2	4.76	13.6	0.8	15°	20°	1.2		☺	☺	☺	☺			☺	☺										☺	☺	☺
ADGT160616R-D67	G	2	6.15	17.5	1.6	15°	20°	1		☺	☺	☺	☺			☺	☺										☺	☺	☺
ADGT1606PER-D67	G	2	6.15	17.5	0.8	15°	20°	1.6		☺	☺	☺	☺			☺	☺										☺	☺	☺
ADGT0803PER-F56	G	2	3.35	9.52	0.4	15°	20°	1.2				☺	☺	☺	☺	☺	☺										☺	☺	☺
ADGT120404R-F56	G	2	4.76	13.6	0.4	15°	20°	1.2				☺	☺			☺	☺										☺	☺	☺
ADGT120430R-F56	G	2	4.76	13.6	3	15°	20°	0.8				☺	☺			☺	☺										☺	☺	☺
ADGT120440R-F56	G	2	4.76	13.6	4	15°	20°	0.4				☺	☺			☺	☺										☺	☺	☺
ADGT1204PER-F56	G	2	4.76	13.6	0.8	15°	20°	1.2				☺	☺			☺	☺										☺	☺	☺
ADGT160612R-F56	G	2	6.15	17.5	1.2	15°	20°	1.6				☺	☺			☺	☺										☺	☺	☺
ADGT160616R-F56	G	2	6.15	17.5	1.6	15°	20°	1.4				☺	☺			☺	☺										☺	☺	☺
ADGT160620R-F56	G	2	6.15	17.5	2	15°	20°	1.4				☺	☺			☺	☺										☺	☺	☺
ADGT160632R-F56	G	2	6.15	17.5	3.2	15°	20°	1.2				☺	☺			☺	☺										☺	☺	☺
ADGT160640R-F56	G	2	6.15	17.5	4	15°	20°	1				☺	☺			☺	☺										☺	☺	☺
ADGT1606PER-F56	G	2	6.15	17.5	0.8	15°	20°	1.6				☺	☺	☺	☺	☺	☺										☺	☺	☺
ADGT10T3PER-G77	G	2	3.8	11.3	0.8	15°	15°	1.2				☺	☺	☺	☺	☺	☺										☺	☺	☺
ADGT1204PER-G77	G	2	4.76	13.6	0.8	15°	20°	1.2				☺	☺			☺	☺										☺	☺	☺
ADGT1606PER-G77	G	2	6.15	17.5	0.8	15°	20°	1.2				☺	☺			☺	☺										☺	☺	☺
ADHT0803PEL-G88	H	2	3.35	9.52	0.4	15°	20°	1.2																			☺	☺	☺
ADHT0803PER-G88	H	2	3.35	9.52	0.4	15°	20°	1.2																			☺	☺	☺
ADHT10T3PER-G88	H	2	3.8	11.3	0.8	15°	15°	1.2																			☺	☺	☺
ADHT120416L-G88	H	2	4.76	13.6	1.6	15°	20°	1																			☺	☺	☺
ADHT120416R-G88	H	2	4.76	13.6	1.6	15°	20°	1																			☺	☺	☺
ADHT120430L-G88	H	2	4.76	13.6	3	15°	20°	0.8																			☺	☺	☺
ADHT120440L-G88	H	2	4.76	13.6	4	15°	20°	0.4																			☺	☺	☺
ADHT120440R-G88	H	2	4.76	13.6	4	15°	20°	0.4																			☺	☺	☺
ADHT1204PEL-G88	H	2	4.76	13.6	0.8	15°	20°	1.2																			☺	☺	☺
ADHT1204PER-G88	H	2	4.76	13.6	0.8	15°	20°	1.2																			☺	☺	☺
ADHT160616L-G88	H	2	6.15	17.5	1.6	15°	20°	1.4																			☺	☺	☺
ADHT160616R-G88	H	2	6.15	17.5	1.6	15°	20°	1.4																			☺	☺	☺
ADHT1606PEL-G88	H	2	6.15	17.5	0.8	15°	20°	1.6																			☺	☺	☺
ADHT1606PER-G88	H	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

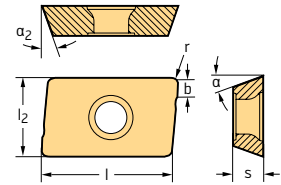
HC = Coated carbide  
HW = Uncoated carbide



# Positive rhombic

## ADMT

### Tiger-tec® Gold



#### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α <sub>2</sub>	b mm	P					M					K					S					
									HC					HC					HC					HC					
									WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WSM35G	WSM35S	WSM45X	WSP45G	WSP45S	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSM45X	WSP45G	WSP45S
ADMT080302R-F56	M	2	3,35	9,52	0,2	15°	20°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT080304L-F56	M	2	3,35	9,52	0,4	15°	20°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT080304R-F56	M	2	3,35	9,52	0,4	15°	20°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT080308L-F56	M	2	3,35	9,52	0,8	15°	20°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT080308R-F56	M	2	3,35	9,52	0,8	15°	20°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT080312R-F56	M	2	3,35	9,52	1,2	15°	20°	1	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT080316R-F56	M	2	3,35	9,52	1,6	15°	20°	1	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT080320R-F56	M	2	3,35	9,52	2	15°	20°	1	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT10T304R-F56	M	2	3,8	11,3	0,4	15°	15°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT10T308R-F56	M	2	3,8	11,3	0,8	15°	15°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT10T312R-F56	M	2	3,8	11,3	1,2	15°	15°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT10T316R-F56	M	2	3,8	11,3	1,6	15°	15°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT10T320R-F56	M	2	3,8	11,3	2	15°	15°	1	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT10T325R-F56	M	2	3,8	11,3	2,5	15°	15°	1	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT10T330R-F56	M	2	3,8	11,3	3	15°	15°	0,8	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT10T332R-F56	M	2	3,8	11,3	3,2	15°	15°	0,8	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT120404R-F56	M	2	4,76	13,6	0,4	15°	20°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT120408L-F56	M	2	4,76	13,6	0,8	15°	20°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT120408R-F56	M	2	4,76	13,6	0,8	15°	20°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT120412R-F56	M	2	4,76	13,6	1,2	15°	20°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT120416L-F56	M	2	4,76	13,6	1,6	15°	20°	1	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT120416R-F56	M	2	4,76	13,6	1,6	15°	20°	1	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT120420R-F56	M	2	4,76	13,6	2	15°	20°	1	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT120425L-F56	M	2	4,76	13,6	2,5	15°	20°	0,8	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT120425R-F56	M	2	4,76	13,6	2,5	15°	20°	0,8	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT120430L-F56	M	2	4,76	13,6	3	15°	20°	0,8	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT120430R-F56	M	2	4,76	13,6	3	15°	20°	0,8	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT120432R-F56	M	2	4,76	13,6	3,2	15°	20°	0,8	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT120440L-F56	M	2	4,76	13,6	4	15°	20°	0,4	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT120440R-F56	M	2	4,76	13,6	4	15°	20°	0,4	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT160608L-F56	M	2	6,15	17,5	0,8	15°	20°	1,6	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT160608R-F56	M	2	6,15	17,5	0,8	15°	20°	1,6	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT160612R-F56	M	2	6,15	17,5	1,2	15°	20°	1,6	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT160616L-F56	M	2	6,15	17,5	1,6	15°	20°	1,4	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT160616R-F56	M	2	6,15	17,5	1,6	15°	20°	1,4	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT160620R-F56	M	2	6,15	17,5	2	15°	20°	1,4	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT160625L-F56	M	2	6,15	17,5	2,5	15°	20°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT160625R-F56	M	2	6,15	17,5	2,5	15°	20°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT160630L-F56	M	2	6,15	17,5	3	15°	20°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT160630R-F56	M	2	6,15	17,5	3	15°	20°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT160632R-F56	M	2	6,15	17,5	3,2	15°	20°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT160640L-F56	M	2	6,15	17,5	4	15°	20°	1	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT160640R-F56	M	2	6,15	17,5	4	15°	20°	1	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT160650R-F56	M	2	6,15	17,5	5	15°	20°		⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT160660R-F56	M	2	6,15	17,5	6	15°	20°		⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕
ADMT180712R-F56	M	2	7,04	19	1,2	15°	17°	1,8	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕	⊕	⊕

Ordering example for the grade WAK15: ADMT080304R-D56 WAK15

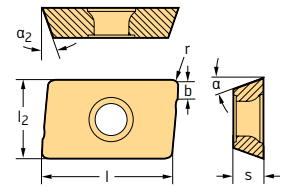
Ordering example for the grade WKP25S: ADMT080304R-D56 WKP25S

Ordering example for the grade WKP35G: ADMT080304R-D56 WKP35G

HC = Coated carbide



# Positive rhombic ADMT Tiger-tec® Gold



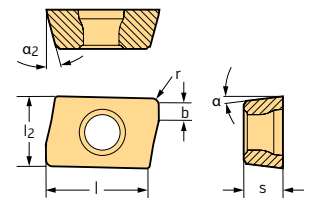
## Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α <sub>2</sub>	b mm	P					M				K				S							
									HC					HC				HC				HC							
									WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WSM35G	WSM35S	WSM45X	WSP45G	WSP45S	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSM45X	WSP45G	WSP45S
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 <sub>2</sub> mm	r mm	α	α <sub>2</sub>	b mm	P				M				K				N		S				
										HC				HC				HC				HC	HW	HC				
										WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM35S	WSP45G	
ACGT060204R-G65	G	2	2,38	6,7	4,4	0,4	7°	15°	0,9	☉	☉	☉	☉	☉	☉	☉					☉	☉	☉	☉	☉	☉	☉	☉
ACGT060204R-M85	G	2	2,38	6,7	4,4	0,4	7°	15°	0,9														☉	☉				
ACMT060202R-G55	M	2	2,38	6,7	4,4	0,2	7°	15°	1	☉	☉	☉	☉									☉	☉					☉
ACMT060204R-G55	M	2	2,38	6,7	4,4	0,4	7°	15°	0,9	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
ACMT060208R-G55	M	2	2,38	6,7	4,4	0,8	7°	15°	0,8	☉	☉	☉	☉									☉	☉	☉	☉	☉	☉	☉
ACMT060212R-G55	M	2	2,38	6,7	4,4	1,2	7°	15°	0,6	☉	☉	☉	☉									☉	☉	☉	☉	☉	☉	☉
ACMT060216R-G55	M	2	2,38	6,7	4,4	1,6	7°	15°	0,1	☉	☉	☉	☉									☉	☉	☉	☉	☉	☉	☉
ACMT060204R-K55	M	2	2,38	6,7	4,4	0,4	7°	15°	0,9	☉	☉	☉	☉	☉	☉	☉						☉	☉			☉	☉	☉

Ordering example for the grade WKP25S: ACGT060204R-G65 WKP25S  
 Ordering example for the grade WKP35G: ACGT060204R-G65 WKP35G

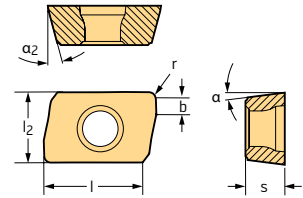
HC = Coated carbide  
 HW = Uncoated carbide

**WALTER SELECT** Optimum indexable insert for → Good = ☉ → Average = ☉ → Poor = ☉ machining conditions

# Positive rhombic

## BCGT / BCHT / BCMT

### Tiger-tec® Gold



#### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α <sub>2</sub>	b mm	P				M				K					N		S					
									HC				HC				HC					HC	HW	HC					
									WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	
BCGT090304R-G55	G	2	3,21	10,3	0,4	7°	15°	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
BCGT120408R-G55	G	2	4,8	13,8	0,8	7°	15°	1,3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
BCGT160508R-G55	G	2	5,75	17,3	0,8	7°	15°	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
BCGT090304R-K85	G	2	3,21	10,3	0,4	7°	15°	1,2															☺	☺					
BCHT120404R-K85	H	2	4,8	13,8	0,4	7°	15°	1,7															☺	☺					
BCHT120408R-K85	H	2	4,8	13,8	0,8	7°	15°	1,3															☺	☺					
BCHT120412R-K85	H	2	4,8	13,8	1,2	7°	15°	1,2															☺	☺					
BCHT120416R-K85	H	2	4,8	13,8	1,6	7°	15°	1,1															☺	☺					
BCHT120420R-K85	H	2	4,8	13,8	2	7°	15°	1,2															☺	☺					
BCHT120425R-K85	H	2	4,8	13,8	2,5	7°	15°	1															☺	☺					
BCHT120430R-K85	H	2	4,8	13,8	3	7°	15°	0,7															☺	☺					
BCHT120440R-K85	H	2	4,8	13,8	4	7°	15°	0,4															☺	☺					
BCHT160508R-K85	H	2	5,75	17,3	0,8	7°	15°	2															☺	☺					
BCHT160512R-K85	H	2	5,75	17,3	1,2	7°	15°	1,7															☺	☺					
BCHT160516R-K85	H	2	5,75	17,3	1,6	7°	15°	1,7															☺	☺					
BCHT160520R-K85	H	2	5,75	17,3	2	7°	15°	1,5															☺	☺					
BCHT160525R-K85	H	2	5,75	17,3	2,5	7°	15°	1,4															☺	☺					
BCHT160530R-K85	H	2	5,75	17,3	3	7°	15°	1,2															☺	☺					
BCHT160540R-K85	H	2	5,75	17,3	4	7°	15°	1,1															☺	☺					
BCMT090304R-F55	M	2	3,21	10,3	0,4	7°	15°	1,2	☺	☺	☺					☺	☺	☺	☺	☺	☺								☺
BCMT120408R-F55	M	2	4,8	13,8	0,8	7°	15°	1,3	☺	☺	☺	☺				☺	☺	☺	☺	☺	☺								☺
BCMT160508R-F55	M	2	5,75	17,3	0,8	7°	15°	2	☺	☺	☺	☺				☺	☺	☺	☺	☺	☺							☺	☺
BCMT090302R-G55	M	2	3,21	10,3	0,2	7°	15°	1,4		☺	☺	☺				☺				☺	☺								☺
BCMT090304R-G55	M	2	3,21	10,3	0,4	7°	15°	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺								☺
BCMT090308R-G55	M	2	3,21	10,3	0,8	7°	15°	0,8		☺	☺	☺				☺				☺	☺								☺
BCMT090312R-G55	M	2	3,21	10,3	1,2	7°	15°	0,4		☺	☺	☺				☺				☺	☺								☺
BCMT090316R-G55	M	2	3,21	10,3	1,6	7°	15°	0,4		☺	☺	☺				☺				☺	☺								☺
BCMT090320R-G55	M	2	3,21	10,3	2	7°	15°	0,4		☺	☺	☺				☺				☺	☺								☺
BCMT120404R-G55	M	2	4,8	13,8	0,4	7°	15°	1,3		☺	☺	☺				☺				☺	☺								☺
BCMT120408R-G55	M	2	4,8	13,8	0,8	7°	15°	1,3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺								☺
BCMT120412R-G55	M	2	4,8	13,8	1,2	7°	15°	1,2		☺	☺	☺				☺				☺	☺								☺
BCMT120416R-G55	M	2	4,8	13,8	1,6	7°	15°	1,1		☺	☺	☺				☺				☺	☺								☺
BCMT120420R-G55	M	2	4,8	13,8	2	7°	15°	1,2		☺	☺	☺				☺				☺	☺								☺
BCMT120425R-G55	M	2	4,8	13,8	2,5	7°	15°	1		☺	☺	☺				☺				☺	☺								☺
BCMT120430R-G55	M	2	4,8	13,8	3	7°	15°	0,7		☺	☺	☺				☺				☺	☺								☺
BCMT120432R-G55	M	2	4,8	13,8	3,2	7°	15°	0,5		☺	☺	☺				☺				☺	☺								☺
BCMT120440R-G55	M	2	4,8	13,8	4	7°	15°	0,4		☺	☺	☺				☺				☺	☺								☺
BCMT160508R-G55	M	2	5,75	17,3	0,8	7°	15°	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺								☺
BCMT160512R-G55	M	2	5,75	17,3	1,2	7°	15°	1,7		☺	☺	☺				☺				☺	☺								☺
BCMT160516R-G55	M	2	5,75	17,3	1,6	7°	15°	1,5		☺	☺	☺				☺				☺	☺								☺
BCMT160520R-G55	M	2	5,75	17,3	2	7°	15°	1,5		☺	☺	☺				☺				☺	☺								☺
BCMT160525R-G55	M	2	5,75	17,3	2,5	7°	15°	1,4		☺	☺	☺				☺				☺	☺								☺
BCMT160530R-G55	M	2	5,75	17,3	3	7°	15°	1,2		☺	☺	☺				☺				☺	☺								☺

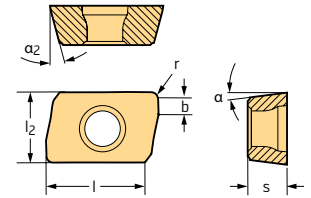
Ordering example for the grade WAK15: BCGT090304R-G55 WAK15  
 Ordering example for the grade WKP25S: BCGT090304R-G55 WKP25S  
 Ordering example for the grade WKP35G: BCGT090304R-G55 WKP35G

HC = Coated carbide  
 HW = Uncoated carbide

**WALTER SELECT**

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

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



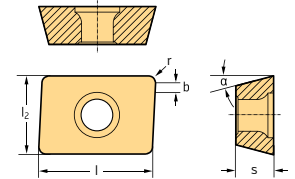
**Indexable inserts**

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α <sub>2</sub>	b mm	P				M				K				N		S						
									HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC					
									WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	
BCMT160532R-G55	M	2	5,75	17,3	3,2	7°	15°	1,1	☉	☉	☉	☉				☉				☉	☉							☉	☉
BCMT160540R-G55	M	2	5,75	17,3	4	7°	15°	1,1	☉	☉	☉	☉				☉				☉	☉						☉	☉	
BCMT160550R-G55	M	2	5,75	17,3	5	7°	15°	0,7	☉	☉	☉	☉				☉				☉	☉						☉	☉	
BCMT160560R-G55	M	2	5,75	17,3	6	7°	15°	0,1	☉	☉	☉	☉				☉				☉	☉						☉	☉	
BCMT090304R-K55	M	2	3,21	10,3	0,4	7°	15°	1,2	☉	☉	☉	☉	☉							☉	☉				☉	☉		☉	☉
BCMT120408R-K55	M	2	4,8	13,8	0,8	7°	15°	1,3	☉	☉	☉	☉	☉							☉	☉				☉	☉		☉	☉
BCMT160508R-K55	M	2	5,75	17,3	0,8	7°	15°	2	☉	☉	☉	☉	☉							☉	☉				☉	☉		☉	☉

Ordering example for the grade WAK15: BCGT090304R-G55 WAK15  
 Ordering example for the grade WKP25S: BCGT090304R-G55 WKP25S  
 Ordering example for the grade WKP35G: BCGT090304R-G55 WKP35G

HC = Coated carbide  
 HW = Uncoated carbide

**Positive rhombic**  
**LDMW / LDMT**  
**Tiger-tec® Gold**



**Indexable inserts**

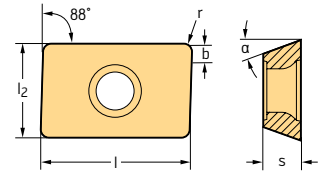
Designation	Tolerance class	Number of cutting edges	s mm	l mm	l <sub>2</sub> mm	r mm	α	b mm	P				M				K				S							
									HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC						
									WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WSM35G	WSM35S	WSP45G	WSP45S	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G	WSP45S		
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

**WALTER SELECT** Optimum indexable insert for → Good = ☉ → Average = ☉ → Poor = ☉ machining conditions

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



## Indexable inserts

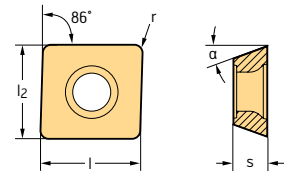
Designation	Tolerance class	Number of cutting edges	s mm	l mm	l <sub>2</sub> mm	r mm	α	b mm	P				M		K		S	
									WKP25S	WKP35S	WSP45G	WSP45S	HC	HC	HC	HC		
 LPMT15T308R-F55	G	2	3,97	15	9,52	0,8	11°	1,4			☒							
 LPMW150412TR-A27	M	2	4,76	15,88	12,7	1,2	11°		☒	☒						☒	☒	
 LPMT070304R-D51	M	2	3,18	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°		☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
 LPMT150612R-D57	M	2	6,35	15,88	12,7	1,2	11°		☒	☒						☒	☒	

Ordering example for the grade WSP45G: LPGT15T308R-F55 WSP45G










HC = Coated carbide

D2

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



## Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l <sub>2</sub> mm	r mm	α	P			M			K			N		S		
								HC			HC			HC			HC		HC		
								WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WKP25S	WKP35G	WKP35S	WXN15	WSM35G	WSM35S	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°	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹		☹	☹	☹

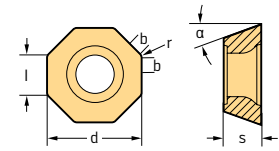
Ordering example for the grade WKP25S: MPHX060304-A57 WKP25S

HC = Coated carbide

# Positive octagonal

## ODHW / ODHT / ODMT / ODMW

### Tiger-tec® Gold



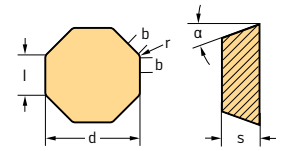
#### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	α	b mm	P				M				K				N		S								
									HC				HC				HC				CN	HC	HW	HC							
									WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSN10	WKN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G		
ODHW050412-A57	H	8	4,76	12,7	5,26	1,2	15°																								
ODHW060516-A57	H	8	5,56	15,88	6,58	1,6	15°																								
ODHT050408-F57	H	8	4,76	12,7	5,26	0,8	15°			☹	☹	☹																			☹
ODHT060512-F57	H	8	5,56	15,88	6,58	1,2	15°			☹	☹	☹																			☹
ODHW0504ZZN-A57	H	8	4,76	12,7	5,26	0,8	15°	1,2	☹	☹	☹						☹			☹	☹	☹									
ODHW0605ZZN-A57	H	8	5,56	15,88	6,58	0,8	15°	1,6	☹	☹	☹						☹			☹	☹	☹									
ODHT0504ZZN-F57	H	8	4,76	12,7	5,26	0,8	15°	1,2	☹	☹	☹	☹	☹	☹						☹	☹	☹					☹	☹			☹
ODHT0605ZZN-F57	H	8	5,56	15,88	6,58	0,8	15°	1,6	☹	☹	☹	☹	☹	☹						☹	☹	☹					☹	☹			☹
ODHT0504ZZN-G77	H	8	4,76	12,7	5,26	0,8	15°	1,6				☹																			☹
ODHT0605ZZN-G77	H	8	5,56	15,88	6,58	0,8	15°	1,6				☹																			☹
ODHT0504ZZN-G88	H	8	4,76	12,7	5,26	0,8	15°	1,2															☹	☹							
ODHT0605ZZN-G88	H	8	5,56	15,88	6,58	0,8	15°	1,6															☹	☹							
ODMT0504ZZN-F57	M	8	4,76	12,7	5,26	0,8	15°	1,2	☹	☹	☹	☹	☹	☹						☹	☹	☹					☹	☹			☹
ODMT0605ZZN-F57	M	8	5,56	15,88	6,58	0,8	15°	1,6	☹	☹	☹	☹	☹	☹						☹	☹	☹					☹	☹			☹
ODMT050408-D57	M	8	4,76	12,7	5,26	0,8	15°			☹	☹	☹	☹	☹						☹	☹	☹					☹	☹			☹
ODMT060512-D57	M	8	5,56	15,88	6,58	1,2	15°			☹	☹	☹	☹	☹						☹	☹	☹					☹	☹			☹
ODMT0504ZZN-D57	M	8	4,76	12,7	5,26	0,8	15°	1,2	☹	☹	☹	☹	☹	☹						☹	☹	☹					☹	☹			☹
ODMT0605ZZN-D57	M	8	5,56	15,88	6,58	0,8	15°	1,6	☹	☹	☹	☹	☹	☹						☹	☹	☹					☹	☹			☹
ODMW050408T-A27	M	8	4,76	12,7	5,26	0,8	15°			☹	☹	☹								☹	☹	☹									
ODMW060508T-A27	M	8	5,56	15,88	6,58	0,8	15°			☹	☹	☹								☹	☹	☹									
ODMW050408-A57	M	8	4,76	12,7	5,26	0,8	15°			☹	☹	☹								☹	☹	☹									
ODMW060508-A57	M	8	5,56	15,88	6,58	0,8	15°			☹	☹	☹								☹	☹	☹									

Ordering example for the grade WSN10: ODHW050412-A57 WSN10

 HC = Coated carbide  
 CN = Silicon nitride Si<sub>3</sub>N<sub>4</sub>  
 HW = Uncoated carbide

# Positive octagonal OPHN Tiger-tec® Silver



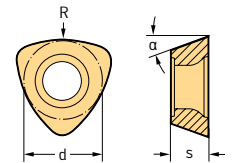
## Indexable inserts

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	CN
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 Si<sub>3</sub>N<sub>4</sub>

# Positive triangular P26315 / P26325 Tiger-tec® Gold



## Indexable inserts

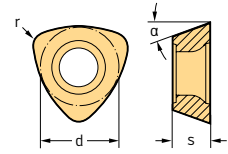
Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	R mm	P		M		K		S	
							HC	WKP25S	HC	WSP45G	HC	WKP25S	HC	WKP35S
P26315R10	M	3	2,78	6,75	14°	10								
P26315R12	M	3	3,18	8,5	14°	12,5								
P26315R15	M	3	3,97	10,5	14°	15								
P26315R16	M	3	3,97	10,5	14°	16								
P26315R20	M	3	4,76	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

D2

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



## Indexable inserts

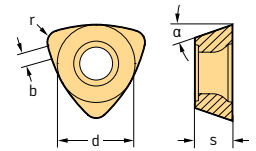
Designation	Tolerance class	Number of cutting edges	s mm	d mm	r mm	α	P			M			K			S		
							HC			HC			HC			HC		
							WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G	
 P26335R10	M	3	3,18	6,75	0,8	14°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P26335R14	M	3	3,97	9,52	1,2	14°	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
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



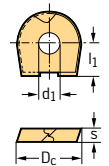
## Indexable inserts

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	WSP45G	WSP45G	WSP45G	WSP45G	WSP45G	WSP45G	WSP45G	WSP45G	WSP45G	WSP45G
 P26379-R10	M	3	3,18	6,75	0,8	14°	0,9	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	P26379-R14	M	3	3,97	9,52	1,2	14°	1	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	P26379-R25	M	3	5,56	13	2	14°	1,1	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WSP45G: P26379-R10 WSP45G

HC = Coated carbide

# Profile milling cutter inserts P3204 / P3201 Tiger-tec® Gold



## Indexable inserts

Designation	Tolerance class	Number of cutting edges	D <sub>c</sub> <sup>+0.03</sup> mm	s mm	h <sub>1</sub> mm	d <sub>1</sub> mm	P			M			K			S			H				
							HC			HC			HC			HC			HC				
							WHH15X	WKP25	WKP35	WSP46	WSP46G	WSM36	WSP46	WSP46G	WHH15X	WKP25	WKP35	WSM36	WSP46	WSP46G	WHH15X	WKP25	WKP35
P3204-D08	H	2	8	2	4	3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P3204-D10	H	2	10	2,5	5	4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P3204-D12	H	2	12	2,5	6	5	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P3204-D16	H	2	16	3	6	5	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P3204-D20	H	2	20	3	6	5	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P3204-D25	H	2	25	4	9	6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P3204-D30	H	2	30	5	10	8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P3204-D32	H	2	32	5	10	8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P3204-D07.94	H	2	7,940	2	4	3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P3204-D09.52	H	2	9,530	2,5	5	4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P3204-D12.7	H	2	12,700	2,5	6	5	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P3204-D15.87	H	2	15,880	3	6	5	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P3204-D19.05	H	2	19,050	3	6	5	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P3204-D25.4	H	2	25,400	4	9	6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P3204-D31.75	H	2	31,750	5	10	8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WHH15X: P3204-D08 WHH15X

Ordering example for the grade WSM36: P3204-D08 WSM36

Ordering example for the grade WSP46: P3204-D08 WSP46

Ordering example for the grade WSP46G: P3204-D08 WSP46G

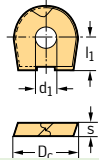
HC = Coated carbide

D2


## Profile milling cutter inserts

### P3204 / P3201

### Tiger-tec® Gold



#### Indexable inserts

Designation	Tolerance class	Number of cutting edges	Dc <sup>-0.03</sup> mm	s mm	l <sub>1</sub> mm	d <sub>1</sub> mm	P				M			K		S		H
							WHH15X	WKP25	WKP35	WSP46	WSP46G	WSM36	WSP46	WSP46G	WHH15X	WKP25	WKP35	WSM36
 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 WSP46: P3204-D08 WSP46

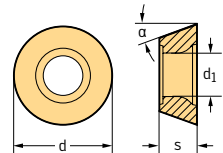
Ordering example for the grade WSP46G: P3204-D08 WSP46G

HC = Coated carbide





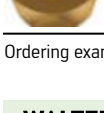
## Positive round

### ROMX / ROHX / ROGX

### Tiger-tec® Gold



#### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α °	d <sub>1</sub> mm	P				M					K			N		S		H													
							WHH15X	WKP25S	WKP35G	WKP35S	WMP45G	WSP45G	WSP45S	WSM35G	WSM35S	WMP45G	WSM45X	WSP45G	WSP45S	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	WSP45S	WHH15X			
 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																					☺									
 ROHX10T3M0T-A27	H	4	3,97	10	11°	4,4																				☺										
ROHX1204M0T-A27	H	4	4,76	12	11°	4,4																				☺		☺								
ROHX1605M0T-A27	H	6	5,56	16	15°	5,5																				☺		☺								

Ordering example for the grade WSM35G: ROMX0803M0-D57 WSM35G

HC = Coated carbide

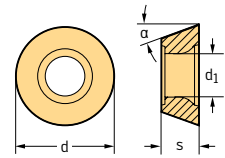
HW = Uncoated carbide

**WALTER SELECT**

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



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



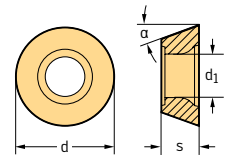
## Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d <sub>1</sub> mm	P						M					K				N		S				H						
							HC						HC					HC				HC	HW	HC				HC						
							WHH15X	WKP25S	WKP35G	WKP35S	WMP45G	WSP45G	WSP45S	WSM35G	WSM35S	WMP45G	WSM45X	WSP45G	WSP45S	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	WSP45S	WHH15X	
ROMX0803M04-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 WSM35G: ROMX0803M0-D57 WSM35G

 HC = Coated carbide  
HW = Uncoated carbide

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



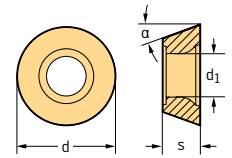
## Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d <sub>1</sub> mm	P						M					K				N		S				H					
							HC						HC					HC				HC	HW	HC				HC					
							WHH15X	WKP25S	WKP35G	WKP35S	WMP45G	WSM35G	WSM35S	WSP45G	WHH15X	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSP45G	WHH15X	WXN15	WK10	WSM35G	WSM35S	WSP45G	WHH15X			
RDGT0803M0-G88	G	4	3,18	8	15°	3,4																			☺	☺							
RDGT10T3M0-G88	G	4	3,97	10	15°	4,4																			☺	☺							
RDGT1204M0-G88	G	6	4,76	12	15°	4,4																			☺	☺							
RDGT1605M0-G88	G	6	5,56	16	15°	5,5																			☺	☺							
RDGT2006M0-G88	G	6	6,35	20	15°	6,5																			☺	☺							
RDHW0803M0-A57	H	4	3,18	8	15°	3,4	☺								☺										☺	☺							☺
RDHW10T3M0-A57	H	4	3,97	10	15°	4,4	☺								☺										☺	☺							☺
RDHW1204M0-A57	H	6	4,76	12	15°	4,4	☺								☺										☺	☺							☺
RDHW1605M0-A57	H	6	5,56	16	15°	5,5	☺								☺										☺	☺							☺
RDHW2006M0-A57	H	6	6,35	20	15°	6,5	☺								☺										☺	☺							☺
RDMW0803M0T-A27	M	4	3,18	8	15°	3,4				☺															☺	☺							
RDMW10T3M0T-A27	M	4	3,97	10	15°	4,4				☺															☺	☺							
RDMW1204M0T-A27	M	6	4,76	12	15°	4,4				☺															☺	☺							
RDMW1605M0T-A27	M	6	5,56	16	15°	5,5				☺															☺	☺							
RDMW2006M0T-A27	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**  
**RDGT / RDHW / RDMW / RDMT**  
**Tiger-tec® Gold**



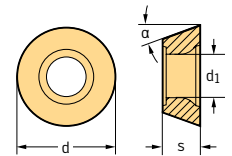
**Indexable inserts**

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d <sub>1</sub> mm	P				M			K			N		S			H
							WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WHH15X	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM35S
 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**



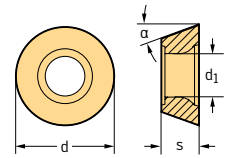
**Indexable inserts**

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d <sub>1</sub> mm	P				M			K			N	S			H
							WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WK10
 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



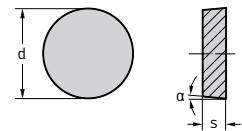
### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d <sub>1</sub> mm	P			M			K			N	S			H		
							W	K	W	W	W	W	W	W	W	W	W	W	W	W	W	W
							W	K	W	W	W	W	W	W	W	W	W	W	W	W		
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

## Ceramic – Positive round RPGN



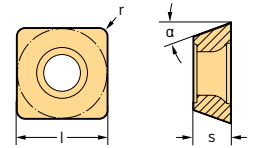
### Indexable inserts

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

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

CS = Uncoated ceramic SIAION

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



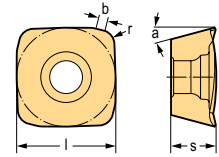
## Indexable inserts

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	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WK10	WSM35G	WSM35S	WSM45X
	SDHT06T204-G88	H	4	2,78	6,35	0,4	15°																		
	SDHT09T304-G88	H	4	3,97	9,52	0,4	15°																		
	SDHT09T308-G88	H	4	3,97	9,52	0,8	15°																		
	SDHT120408-G88	H	4	4,76	12,7	0,8	15°																		
	SDMW06T204-A57	M	4	2,78	6,35	0,4	15°	☉	☉	☉	☉														
	SDMW09T308-A57	M	4	3,97	9,52	0,8	15°	☉	☉	☉	☉														
	SDMW09T320-A57	M	4	3,97	9,52	2	15°	☉	☉	☉	☉			☉	☉									☉	
	SDMW120408-A57	M	4	4,76	12,7	0,8	15°	☉	☉	☉	☉														
	SDMW120425-A57	M	4	4,76	12,7	2,5	15°	☉	☉	☉	☉			☉	☉										☉
	SDMT06T204-D51	M	4	2,78	6,35	0,4	15°	☉	☉	☉	☉														☉
	SDMT09T308-D51	M	4	3,97	9,52	0,8	15°	☉	☉	☉	☉														☉
	SDMT120408-D51	M	4	4,76	12,7	0,8	15°	☉	☉	☉	☉														☉
	SDMT06T204-D57	M	4	2,78	6,35	0,4	15°	☉	☉	☉	☉	☉	☉												☉
	SDMT09T308-D57	M	4	3,97	9,52	0,8	15°	☉	☉	☉	☉	☉	☉												☉
	SDMT120408-D57	M	4	4,76	12,7	0,8	15°	☉	☉	☉	☉	☉	☉												☉
	SDMT06T204-F57	M	4	2,78	6,35	0,4	15°	☉	☉	☉	☉	☉	☉	☉											☉
	SDMT06T208-F57	M	4	2,78	6,35	0,8	15°	☉	☉	☉	☉														☉
	SDMT06T212-F57	M	4	2,78	6,35	1,2	15°	☉	☉	☉	☉	☉	☉												☉
	SDMT09T304-F57	M	4	3,97	9,52	0,4	15°	☉	☉	☉	☉														☉
	SDMT09T308-F57	M	4	3,97	9,52	0,8	15°	☉	☉	☉	☉	☉	☉												☉
	SDMT09T312-F57	M	4	3,97	9,52	1,2	15°	☉	☉	☉	☉														☉
	SDMT09T316-F57	M	4	3,97	9,52	1,6	15°	☉	☉	☉	☉														☉
	SDMT09T320-F57	M	4	3,97	9,52	2	15°	☉	☉	☉	☉	☉	☉												☉
	SDMT120408-F57	M	4	4,76	12,7	0,8	15°	☉	☉	☉	☉	☉	☉	☉											☉
	SDMT120412-F57	M	4	4,76	12,7	1,2	15°	☉	☉	☉	☉														☉
	SDMT120416-F57	M	4	4,76	12,7	1,6	15°	☉	☉	☉	☉														☉
	SDMT120420-F57	M	4	4,76	12,7	2	15°	☉	☉	☉	☉														☉
	SDMT120425-F57	M	4	4,76	12,7	2,5	15°	☉	☉	☉	☉	☉	☉												☉

Ordering example for the grade WK10: SDHT06T204-G88 WK10

HC = Coated carbide  
HW = Uncoated carbide

## Positive square SDMX Tiger-tec® Gold



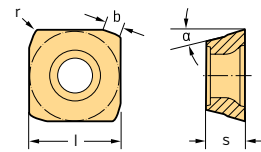
### Indexable inserts

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	WSM35S	WSM45X	WSP45G	WKP35G	WKP35S	WSM35G	WSM35S	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

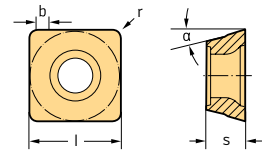
Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P		M	K	S	
								HC		HC	HC	HC	
								WKP35G	WKP35S	WSP45G	WKP35G	WKP35S	WSP45G
SDMT06T2ZDR-D57	M	4	2,78	6,35	0,4	15°	1,2	☑	☑	☑	☑	☑	☑
SDMT09T3ZDR-D57	M	4	3,97	9,52	0,8	15°	1,2	☑	☑	☑	☑	☑	☑
SDMT1204ZDR-D57	M	4	4,76	12,7	0,8	15°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

Ordering example for the grade WKP35G: SDMT06T2ZDR-D57 WKP35G


HC = Coated carbide



# Positive square SDGT Tiger-tec® Gold



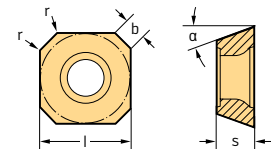
## Indexable inserts

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	WSM35S	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	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	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM35S	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	☉	☉	☉	☉		☉	☉		☉	☉	☉	☉	☉	☉			☉	☉	☉		☉
 SDGT09T3AZN-G77	G	4	3.97	9.52	0.3	15°	1.2				☉					☉												☉
SDGT1204AZN-G77	G	4	4.76	12.7	0.3	15°	1.4				☉					☉												☉

Ordering example for the grade WAK15: SDMW09T3AZN-A57 WAK15  
 Ordering example for the grade WKP25S: SDMW09T3AZN-A57 WKP25S  
 Ordering example for the grade WKP35G: SDMW09T3AZN-A57 WKP35G

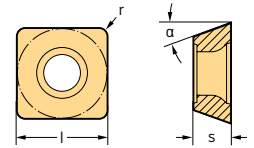
HC = Coated carbide  
 HT = Uncoated cermet  
 HW = Uncoated carbide

### WALTER SELECT

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



**Positive square**  
**SPGT / SPHW / SPHT / SPMW / SPMT / SDEB / SPEB**  
**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				HW	CN	HC	HW	HC				
							WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WSM35G	WSM35S	WSP45G	WSP45S	WAK15	WKP25S	WKP35G	WKP35S	WKM	WSN10	WXN15	WK10	WSM35G	WSM35S	WSP45G	WSP45S
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°													☉								

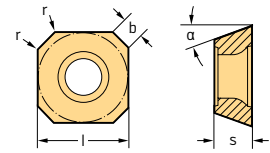
Ordering example for the grade WSM35G: SPGT120606-F57 WSM35G

HC = Coated carbide  
 HW = Uncoated carbide  
 CN = Silicon nitride Si<sub>3</sub>N<sub>4</sub>

## Positive square

 SPGT / SPKT / SPMW / SPMT / SDGT / SDHW / SDMW /  
 SDMT / 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				
								WC	HC	WC	HC	WC	HC	WC	HC	WC	HW	WC	HC	WC	HC				
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	⊕	⊕	⊕	⊕													⊕	⊕
SDGT09T3AEN-F57	G	4	3,97	9,52	0,3	15°	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕							⊕	⊕	⊕
SDGT09T3AEN-G88	G	4	3,97	9,52	0,3	15°	1,2												⊕	⊕					
SDHW09T3AEN-A57	H	4	3,97	9,52	0,3	15°	1,2			⊕															
SDMW09T3AEN-A57	M	4	3,97	9,52	0,5	15°	1,2	⊕	⊕																
SDMT09T3AEN-D57	M	4	3,97	9,52	0,5	15°	1,2		⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕							⊕	⊕	⊕
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																⊕		

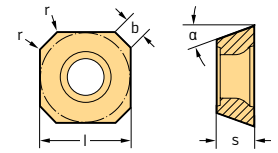
Ordering example for the grade WK10: SPGT1204AEN-K88 WK10

 HC = Coated carbide  
 HW = Uncoated carbide



## WALTER SELECT

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

**Positive square**  
**SPJW / SPGT**  
**Tiger-tec® Gold**



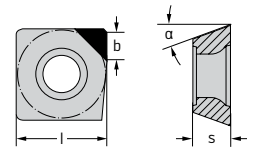
**Indexable inserts**

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P				M				K			S				
								HC				HC				HC			HC				
								WKP25S	WKP35S	WSP45G	WSP45S	WSM35G	WSM35S	WSP45G	WSP45S	WAK15	WKP25S	WKP35S	WSM35G	WSM35S	WSP45G	WSP45S	
 SPJW1204EDR	J	4	4,76	12,7		11°	1,4	☺	☺							☺	☺	☺					
 SPGT1204EDR-F55	G	4	4,76	12,7	0,5	11°	1,3	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺


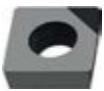
Ordering example for the grade WAK15: SPJW1204EDR WAK15

HC = Coated carbide

**Positive square**  
**SPHW**



**Indexable inserts**

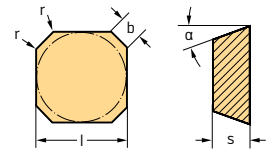
Designation	Tolerance class	Number of cutting edges	s mm	l mm	α	b mm	N DP	WCD10
 SPHW1204EDR-A88	H	1	4,76	12,7	11°	1,5		☺
 SPHW1204PDR-A88	H	1	4,76	12,7	11°	1,5		☺

Ordering example for the grade WCD10: SPHW1204EDR-A88 WCD10



DP = Polycrystalline diamond

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

Positive square  
SEKN / SEKR  
Tiger-tec® Silver



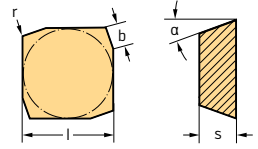
## Indexable inserts

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  
Tiger-tec® Silver



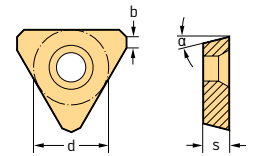
## Indexable inserts

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

Ordering example for the grade WKP25S: SPFN1204EDN WKP25S

HC = Coated carbide

# Positive triangular TPAW / TPJW Tiger-tec® Silver



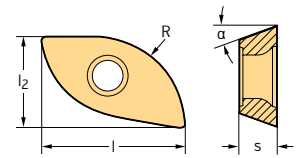
## Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P		K		
							HC		HC		
							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	l <sub>2</sub> mm	l mm	s mm	α	R mm	P				M				K		S					
								HC				HC				HC		HC					
								WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WSM35G	WSM35S	WSP45G	WSP45S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G	WSP45S
XDGT1303080R-D57	G	2	8,5	13,12	3	15°	8	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT16T3100R-D57	G	2	9	15,93	3,74	15°	10	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT2004125R-D57	G	2	11,3	19,94	4,68	15°	12,5	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT2405150R-D57	G	2	13,5	23,94	5,62	15°	15	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT2506160R-D57	G	2	14,4	25,54	6	15°	16	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT3207200R-D57	G	2	18	31,95	7,5	15°	20	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT4009250R-D57	G	2	22,5	39,95	9,39	15°	25	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT1303079R-D57	G	2	8,5	13,12	3	15°	7,84	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT16T3095R-D57	G	2	9	15,93	3,74	15°	9,530	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT2004127R-D57	G	2	11,3	19,94	4,68	15°	12,7	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT3207191R-D57	G	2	18	31,95	7,5	15°	19,05	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
XDGT4009254R-D57	G	2	22,5	39,95	9,39	15°	25,4	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑

Ordering example for the grade WKP35S: XDGT1303080R-D57 WKP35S

Ordering example for the grade WKP35S: XDGT16T3100R-D57 WKP35S

Ordering example for the grade WSP45G: XDGT16T3100R-D57 WSP45G

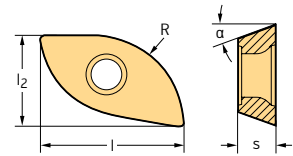
HC = Coated carbide

D2

# Positive form inserts

## XDGT / XDMT

### Tiger-tec® Gold



#### Tool

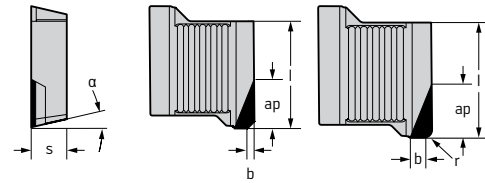
Designation	Tolerance class	Number of cutting edges	l <sub>2</sub> mm	l mm	s mm	α	R mm	P				M				K			S				
								HC				HC				HC			HC				
								WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WSM35G	WSM35S	WSP45G	WSP45S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G	WSP45S
XDMT1303080R-F55	M	2	8,5	13,12	3	15°	8	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
XDMT16T3100R-F55	M	2	9	15,93	3,74	15°	10	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
XDMT2004125R-F55	M	2	11,3	19,94	4,68	15°	12,5	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
XDMT2405150R-F55	M	2	13,5	23,94	5,62	15°	15	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
XDMT2506160R-F55	M	2	14,4	25,54	6	15°	16	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
XDMT3207200R-F55	M	2	18	31,95	7,5	15°	20	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
XDMT4009250R-F55	M	2	22,5	39,95	9,39	15°	25	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
XDMT1303079R-F55	M	2	8,5	13,12	3	15°	7,920	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
XDMT16T3095R-F55	M	2	9	15,93	3,74	15°	9,530	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
XDMT2004127R-F55	M	2	11,3	19,94	4,68	15°	12,7	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
XDMT2506159R-F55	M	2	14,4	25,54	6	15°	15,880	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
XDMT3207191R-F55	M	2	18	31,95	7,5	15°	19,05	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
XDMT4009254R-F55	M	2	22,5	39,95	9,39	15°	25,4	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉

Ordering example for the grade WKP35S: XDGT1303080R-D57 WKP35S  
 Ordering example for the grade WKP35S: XDGT16T3100R-D57 WKP35S  
 Ordering example for the grade WSP45G: XDGT16T3100R-D57 WSP45G

HC = Coated carbide

# PCD indexable inserts

## XOEN



#### Indexable inserts

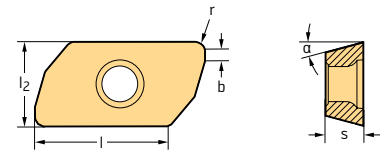
Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	a <sub>p</sub> mm	N
									WDN20
XOEN12T308R-A-A88	E	1	4	12,11	0,8	13°	1,2	5	☉
XOEN12T3AZR-A-A88	E	1	4	12,21		13°	0,8	5,1	☉
XOEN12T308R-F-A88	E	1	4	12,11	0,8	13°	1,2	10,3	☉

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


DP = Polycrystalline diamond



# Positive rhombic ZDGT



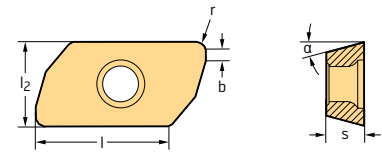
## Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l <sub>2</sub> mm	r mm	α	b mm	N		
									HC		HW
									WNN15	WXN15	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



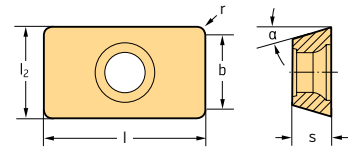
## Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l <sub>2</sub> mm	r mm	α	b mm	N	
									HW	WMG40
 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	☺	☺
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



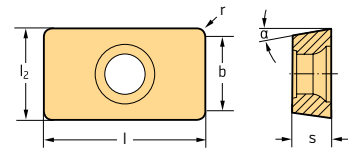
### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P	M	K
								HC	HC	HC
								WXM15	WXM15	WXM15
 ADGX10T3PER-F56	G	2	3,8	11,3	0,8	15°	5	☺	☺	☺
ADGX1606PER-F56	G	2	6,15	17,5	0,8	15°	8	☺	☺	☺


Ordering example for the grade WXM15: ADGX10T3PER-F56 WXM15

HC = Coated carbide

## Positive rhombic BCGX



### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l2 mm	r mm	α	b mm	P	M	K	H	
									HC	HC	HC	HC	
									WHH15X	WXM15	WXM15	WAK15	WHH15X
 BCGX0903PDR-G55	G	2	3,21	10,3	6,3	0,4	7°	5	☺	☺	☺	☺	
BCGX1605PDR-G55	G	2	5,81	17,3	9,9	0,8	7°	8	☺	☺	☺	☺	

Ordering example for the grade WAK15: BCGX0903PDR-G55 WAK15

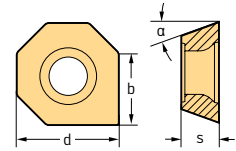
HC = Coated carbide

D2




# Finishing inserts

## ODHX

### Tiger-tec® Silver



#### Indexable inserts

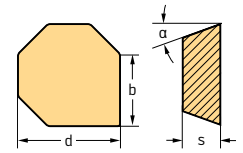
Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P			M		K			H
							WHH15X	WCX15	WKP35S	WHH15X	WCX15	WKP35S	WHH15X	WCX15	WKP35S
 ODHX0504ZZR-A57	H	1	4,76	12,7	15°	7,2	☺	☺	☺	☺	☺	☺	☺	☺	☺
ODHX0605ZZR-A57	H	1	5,56	15,88	15°	9,4	☺	☺	☺	☺	☺	☺	☺	☺	☺
 ODHX0605ZZN-A57	H	8	5,56	15,88	15°	6	☺	☺	☺	☺	☺	☺	☺	☺	☺
 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



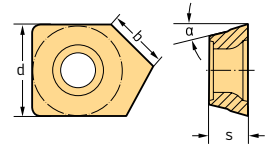
## Indexable inserts

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	WXM15	WXM15	WAK15	WHH15X	WXM15	WCB80	WHH15X	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				☺								
 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



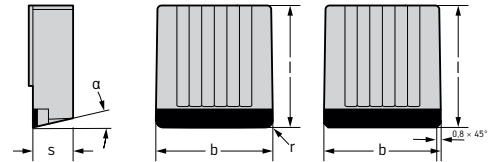
### Indexable inserts

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

Ordering example for the grade WAK15: SDHX09T3AZR-A88 WAK15

HC = Coated carbide

## PCD finishing inserts XOEX



### Indexable inserts

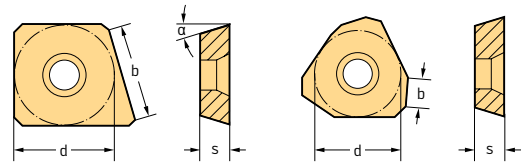
Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	N	
								DP	WDN20
XOEX12T308N-F-A88 XOEX12T3AZR-F-A88	E	1	4	12,16	0,8	13°	11,8	☺	☺
	E	1	4	12,16	0,8	13°	11,8	☺	☺

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





DP = Polycrystalline diamond

## Finishing inserts

P2901 / P2903 / P2905 / SPHX



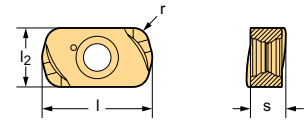
### Indexable inserts

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		
							WHH15X	WXM15	WXM15	WAK15	WHH15X	WXM15	WK10	WCD10	WHH15X
 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

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

## Negative rhombic ENMX Tiger-tec® Gold



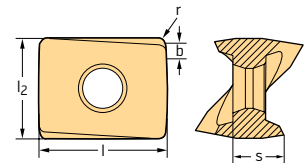
### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l <sub>2</sub> mm	r mm	P				M				K				S		H				
							HC				HC				HC				HC		HC				
							WHP15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSM45X	WSP45G	WHP15X	
 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 WHP15X: ENMX08T316R-D27 WHP15X  
Ordering example for the grade WKK25G: ENMX08T316R-D27 WKK25G

HC = Coated carbide

## Negative rhombic LNGX Tiger-tec® Gold



### Indexable inserts

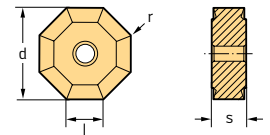
Designation	Tolerance class	Number of cutting edges	s mm	l mm	l <sub>2</sub> mm	r mm	b mm	P				M				K				N		S			
								HC				HC				HC				HC		HW	HC		
								WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM35S	WSP45G	
 LNGX130708R-L55	G	4	7,74	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



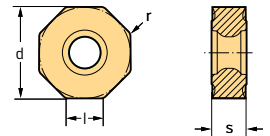
## Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	P		K		H
							HC		HC		HC
 ONHF050408-F67	H	16	4,76	12,7	5,26	0,8	WHP15X WKP25S	WAK15	WHP15X WKP25S	WHP15X	



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
 ONHU050408-F67	H	16	4,86	12,7	5,26	0,8	WKP35G WSP45G	WSM35G WSM35S	WSP45G	WKP35G WSM35G	WSM35S WSP45G	
 ONMU050408-D57	M	16	4,86	12,7	5,26	0,8						

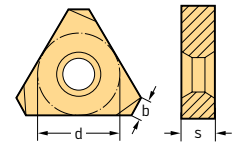
Ordering example for the grade WKP35G: ONHU050408-F67 WKP35G

HC = Coated carbide



## 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	A	6	4,5	15	1,1	☺	☹	☹	☹
P2352-2R	A	6	4,5	18	1,1	☹	☹	☹	☹
 P23522-1R	A	6	4,5	15	1,1	☹	☹	☹	☹

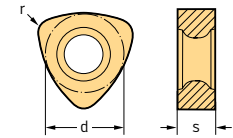
Ordering example for the grade WKP25S: P2352-1R WKP25S

HC = Coated carbide


## Negative triangular

### P23696

### Tiger-tec® Gold



#### Indexable inserts

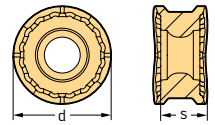
Designation	Tolerance class	Number of cutting edges	s mm	d mm	r mm	P				M			K			S			
						HC	HC	HC	HC	HC	HC	HC	HC	HC	HC	HC			
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G	
 P23696-1.0	M	6	5,31	9,52	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P23696-2.0	M	6	7,41	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

# Negative round RNMX Tiger-tec® Gold



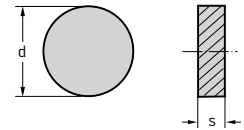
## Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	P		M				S	
					HC		HC				HC	
					WSP45G	WSP45S	WSM35G	WSM35S	WSP45G	WSP45S	WSM35G	WSM35S
 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

# Ceramic – Negative round RNGN



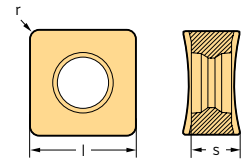
## Indexable inserts

Designation	d mm	S		
		CS	CR	
		WIS10	WIS30	WIS20
 RNGN120700E	12,7	☑	☑	☑
 RNGN120700T01020 RNGN150700T01020	12,7 15,875	☑	☑	☑






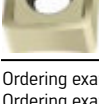







See the ISO 1832 designation key for dimensions  
Ordering example for the grade WIS10:  
RNGN120700E WIS10

CS = Uncoated ceramic SiAlON  
CR = Reinforced ceramic

# Negative square SNGX / SNMX Tiger-tec® Gold



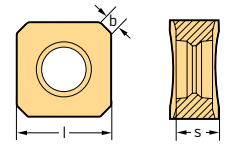
## Indexable inserts

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	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G
 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



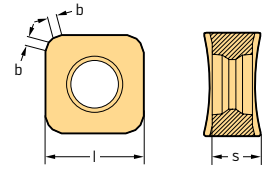
## Indexable inserts

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	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM35S	WSP45G	
SNGX1205ANN-F27	G	8	5,59	12,7	1,5	☺	☺	☺								☺	☺	☺						
SNGX0904ANN-F57	G	8	4,69	9,52	1,2	☺	☺	☺	☺	☺	☺	☺		☺	☺	☺	☺	☺				☺	☺	☺
SNGX1205ANN-F57	G	8	5,54	12,7	1,5	☺	☺	☺	☺	☺	☺	☺		☺	☺	☺	☺	☺				☺	☺	☺
SNGX1606ANN-F57	G	8	6,3	16	1,8			☺	☺			☺						☺						☺
SNGX0904ANN-F67	G	8	4,72	9,52	1,2	☺	☺	☺	☺	☺	☺	☺				☺	☺	☺				☺	☺	☺
SNGX1205ANN-F67	G	8	5,54	12,7	1,5	☺	☺	☺	☺	☺	☺	☺				☺	☺	☺				☺	☺	☺
SNHX0904ANN-K88	H	8	4,68	9,52	1,5														☺	☺				
SNHX1205ANN-K88	H	8	5,54	12,7	1,5														☺					
SNMX0904ANN-F27	M	8	4,72	9,52	1,2	☺	☺	☺								☺	☺	☺						
SNMX1205ANN-F27	M	8	5,59	12,7	1,5	☺	☺	☺								☺	☺	☺						
SNMX0904ANN-F57	M	8	4,69	9,52	1,2	☺	☺	☺	☺	☺	☺	☺		☺	☺	☺	☺	☺				☺	☺	☺
SNMX1205ANN-F57	M	8	5,54	12,7	1,5	☺	☺	☺	☺	☺	☺	☺		☺	☺	☺	☺	☺				☺	☺	☺
SNMX0904ANN-F67	M	8	4,72	9,52	1,2		☺	☺	☺	☺	☺	☺				☺	☺	☺				☺	☺	☺
SNMX1205ANN-F67	M	8	5,54	12,7	1,5	☺	☺	☺				☺				☺	☺	☺						





Ordering example for the grade WKP25S: SNGX1205ANN-F27 WKP25S  
 Ordering example for the grade WKP35G: SNGX1205ANN-F27 WKP35G

HC = Coated carbide  
 HW = Uncoated carbide

# Negative square SNGX / SNMX Tiger-tec® Gold



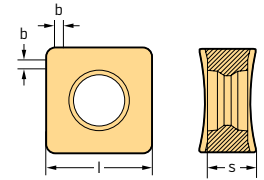
## Indexable inserts

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	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	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	☺	☺						☺			☺	☺					








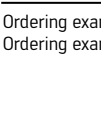



Ordering example for the grade WKP25S: SNGX1205ENN-F27 WKP25S  
 Ordering example for the grade WKP35G: SNGX1205ENN-F27 WKP35G

HC = Coated carbide

# Negative square SNGX / SNHX / SNMX Tiger-tec® Gold



## Indexable inserts

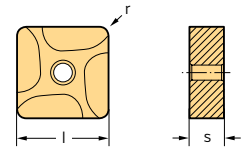
Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P			M			K			N		S		
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WKN15
 SNGX1205ZNN-F27	G	8	5,77	12,7	1,2	☺	☺	☺											
 SNGX0904ZNN-F57	G	8	4,9	9,52	1	☺	☺	☺	☺										☺
 SNGX1205ZNN-F57	G	8	5,77	12,7	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺				☺	☺
 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

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

**Negative square**  
**SNEF**  
**Tiger-tec® Gold**



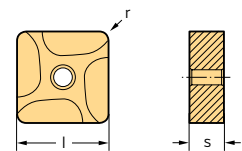
Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	b mm	Material	
							P	K
 SNEF120408R-B67	E	8	4,76	12,7	0,8	2,1	HC	
							WKP35G	
								WKK25G
								WKK25S
								WKP35G


Ordering example for the grade WKK25G: SNEF120408R-B67 WKK25G

HC = Coated carbide

**Negative square**  
**SNEX**  
**Tiger-tec® Silver**



Indexable inserts

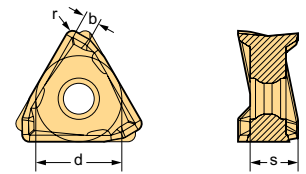
Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	b mm	Material	
							P	K
 SNEX15T612R-B67	E	8	7,1		1,2		HC	HC
							WKP35S	WKP35S

Ordering example for the grade WKP35S: SNEX15T612R-B67 WKP35S



HC = Coated carbide



# Negative triangular TNMU Tiger-tec® Gold



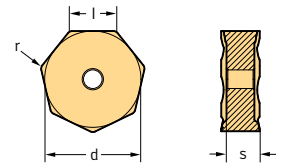
## Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	r mm	b mm	P				M		K		S
							HC				HC		HC		HC
							WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G
 TNMU11T304R-G57 TNMU160508R-G57	M	6	3,75	6,72	0,4	1	☺	☺	☺	☺	☺	☺	☺	☺	☺
	M	6	5,35	9,6	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺
 TNMU11T304R-G27 TNMU160508R-G27	M	6	3,75	6,72	0,4	1	☺	☺	☺	☺	☺	☺	☺	☺	☺
	M	6	5,35	9,6	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺





Ordering example for the grade WKP25S: TNMU11T304R-G57 WKP25S  
Ordering example for the grade WKP35G: TNMU11T304R-G57 WKP35G

HC = Coated carbide

# 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	WKK25S	WKP25S	WKP35G	WKP35S
 XNHF070508-D27 XNHF090612-D27	H	14	5	14,5	7	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺
	H	14	5,68	19,05	9	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺
 XNHF070508-D57 XNHF090612-D57	H	14	5	14,5	7	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺
	H	14	5,68	19,05	9	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺
 XNHF070508-D67	H	14	5	14,5	7	0,8				☺		☺			
 XNMF070508-D27 XNMF090612-D27	M	14	4,74	14,5	7	0,8	☺	☺	☺	☺	☺	☺	☺	☺	
	M	14	5,68	19,05	9	1,2	☺	☺	☺	☺	☺	☺	☺	☺	

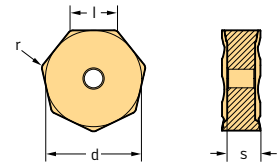
Ordering example for the grade WKK25G: XNHF070508-D27 WKK25G

HC = Coated carbide



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

D2

## Negative heptagonal XNHF / XNMF Tiger-tec® Gold



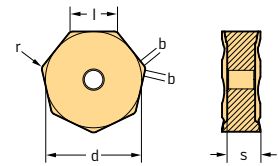
### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	P			K					
							HC			HC					
							WKP25S	WKP35G	WKP35S	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S
 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



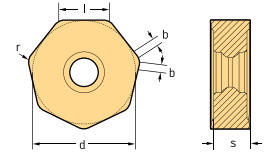
### Indexable inserts

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	WKK25S	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	☺				☹	☹	☹	☹	☹
 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



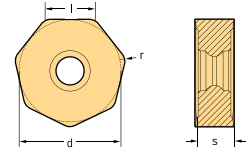
## Indexable inserts

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	WSM35S	WSM45X	WSP45G	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSM45X	WSP45G
 XNGU0705ANN-F57	G	14	5	14,5	6,98	0,8	1,1	☺	☺	☺	☹	☹	☹	☹	☹			☹	☹	☹	☹	☹	☹	☹
 XNMU0705ANN-F27	M	14	5	14,5	6,98	0,8	1,1	☺	☺	☺						☹	☹	☹	☹	☹				
XNMU0906ANN-F27	M	14	5,88	19,05	9,18	0,8	1,4	☺	☺	☺						☹	☹	☹	☹	☹				
 XNMU0705ANN-F57	M	14	5	14,5	6,98	0,8	1,1	☺	☺	☺	☹	☹	☹	☹	☹			☹	☹	☹	☹	☹	☹	☹
XNMU0906ANN-F57	M	14	5,88	19,05	9,18	0,8	1,4	☺	☺	☺	☹	☹	☹	☹	☹			☹	☹	☹	☹	☹	☹	☹
 XNMU0705ANN-F67	M	14	5	14,5	6,98	0,8	1,1	☺	☺			☹	☹	☹				☹	☹	☹	☹	☹	☹	☹
XNMU0906ANN-F67	M	14	5,88	19,05	9,18	0,8	1,4	☺	☺					☹				☹	☹	☹		☹	☹	☹


Ordering example for the grade WKP25S: XNGU0705ANN-F57 WKP25S  
 Ordering example for the grade WKP35G: XNGU0705ANN-F57 WKP35G

HC = Coated carbide

# Negative heptagonal XNMU Tiger-tec® Gold



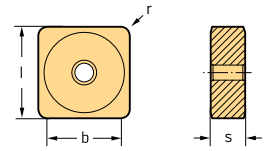
## Indexable inserts

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	WSM35S	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G	
 XNMU070508-F57 XNMU090612-F57	M	14	5	14,5	6,98	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	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



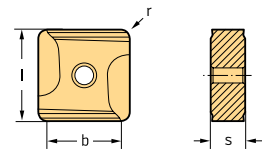
### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	b mm	Material	
							K WHH15X	H WHH15X
 SNEF1204PNN-A27	E	8	4,76	12,7	1,2	10,3	☺	☺


Ordering example for the grade WHH15X: SNEF1204PNN-A27 WHH15X

HC = Coated carbide

## Finishing inserts SNEX



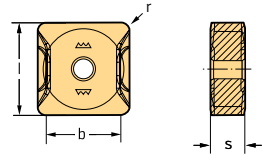
### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	b mm	Material		
							K WAK15	HC WHH15X	H WHH15X
 SNEX1204PNR-B67	E	4	4,76	12,7	0,8	10,8	☺	☺	☺


Ordering example for the grade WAK15: SNEX1204PNR-B67 WAK15

HC = Coated carbide

## Finishing inserts SNEX



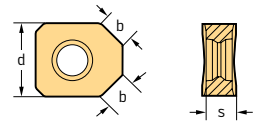
### Indexable inserts

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	☺	☺	☺


Ordering example for the grade WAK15: SNEX1204PNN-A27 WAK15

HC = Coated carbide

## Finishing inserts XNGX



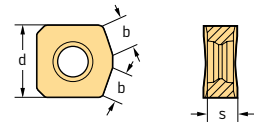
### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P		M		K		H	
						WHH15X	WXM15	WHH15X	WXM15	WAK15	WHH15X	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 WAK15: XNGX0904ANN-F67 WAK15

HC = Coated carbide

## Finishing inserts XNGX



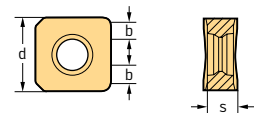
### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P		M		K		H
						WHH15X	WCX15	WHH15X	WCX15	WHH15X	WCX15	WHH15X
 XNGX1205ENN-F67	G	2	5,42	12,7	4,5	HC	HC	HC	HC	HC	HC	
						☺	☺	☺	☺	☺	☺	


Ordering example for the grade WAK15: XNGX1205ENN-F67 WAK15

HC = Coated carbide

## Finishing inserts XNGX



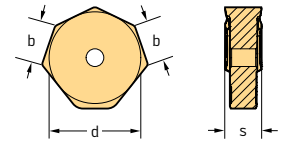
### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P		M		K		H
						WHH15X	WCX15	WHH15X	WCX15	WHH15X	WCX15	WHH15X
 XNGX0904ZNN-F67	G	2	4,83	9,52	3,5	HC	HC	HC	HC	HC	HC	
						☺	☺	☺	☺	☺	☺	
XNGX1205ZNN-F67	G	2	5,62	12,7	4	☺	☺	☺	☺	☺	☺	


Ordering example for the grade WAK15: XNGX0904ZNN-F67 WAK15

HC = Coated carbide

## Finishing inserts XNHX



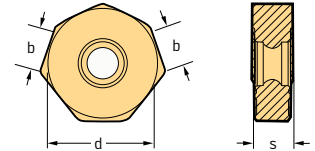
### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	Material		
						WAK15	WHH15X	WHH15X
 XNHX0705ANN-D67 XNHX0906ANN-D67	H	2	4,97	14,5	5,8	☺	☺	☺
	H	2	5,57	19,05	7,5	☺	☺	☺


Ordering example for the grade WAK15: XNHX0705ANN-D67 WAK15

HC = Coated carbide

## Finishing inserts XNGX



### Indexable inserts

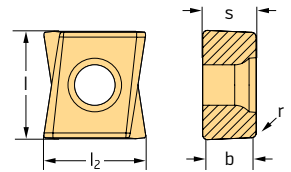
Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P		M		K		H
						HC	HC	HC	HC	HC	HC	
 XNGX0705ANN-F67	G	2	5	14,5	5,7	☺	☺	☺	☺	☺	☺	☺
						WHH15X	WXM15	WXM15	WAK15	WHH15X	WXM15	WHH15X

Ordering example for the grade WAK15: XNGX0705ANN-F67 WAK15


HC = Coated carbide



## Finishing inserts LNHX



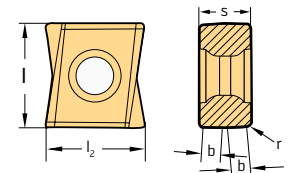
### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l <sub>2</sub> mm	r mm	b mm	P		M		K		H
								WH15X	HC	WXM15	HC	WAK15	HC	WH15X
 LNHX0904PDR-L55T LNHX1306PDR-L55T	H	2	4,5	9	8,5	0,4	3,5	☺	☺	☺	☺	☺	☺	☺
	H	2	6,8	13	12	0,6	5	☺	☺	☺	☺	☺	☺	☺


Ordering example for the grade WAK15: LNHX0904PDR-L55T WAK15

HC = Coated carbide

## Finishing inserts LNHX



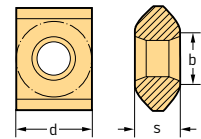
### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l <sub>2</sub> mm	r mm	b mm	P		M		K		H
								WH15X	HC	WXM15	HC	WAK15	HC	WH15X
 LNHX130608R-L55T	H	4	6,8	13	12	0,8	2,2	☺	☺	☺	☺	☺	☺	☺


Ordering example for the grade WAK15: LNHX130608R-L55T WAK15

HC = Coated carbide

## Finishing inserts P45420



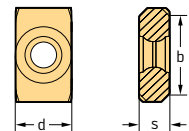
### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P		M		K		H	
						W	H	W	X	W	X	W	X
 P45420-G67	H	4	4,76	9,52	7	HC	HC	HC	HC	HC	HC	HC	HC
						W	H	W	X	W	X	W	X
						W	H	W	X	W	X	W	X


Ordering example for the grade WHH15X: P45420-G67 WHH15X

HC = Coated carbide

## Finishing inserts P45424



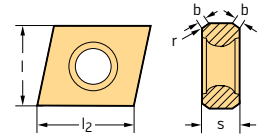
### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P		K		H	
						W	H	W	X	W	X
 P45424-1-G67	G	4	5	12	8	HC	HC	HC	HC	HC	HC
						W	H	W	X	W	X
P45424-2-G67	G	4	6,5	20	15	W	H	W	X	W	X

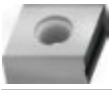



Ordering example for the grade WAK15: P45424-1-G67 WAK15

HC = Coated carbide

# Tangential rhombic CNHU / CNMQ / CNMU Tiger-tec® Gold



## Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l <sub>2</sub> mm	r mm	b mm	P			M			K			S		
								HC			HC			HC			HC		
								WKP25S	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WKP25S	WKP35S	WSM35G	WSM35S	WSP45G	
 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		0,8			☺										
CNMQ120608-A57T	M	2	6,5	12		0,8			☺										
CNMQ160812-A57T	M	2	8	16		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: l<sub>2</sub> = width of cut

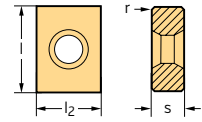
Ordering example for the grade WKP25S: CNHU0805PPN-D57T WKP25S

Ordering example for the grade WKP35S: CNHU0805PPN-D57T WKP35S

Ordering example for the grade WSP45G: CNHU0805PPN-D57T WSP45G

HC = Coated carbide

## Tangential rhombic LNMU Tiger-tec® Gold



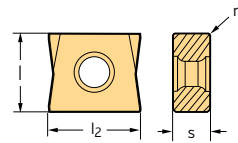
### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l <sub>2</sub> mm	r mm	P				M		K			S	
							HC				HC		HC			HC	
							WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WAK15	WKP25S	WKP35G	WKP35S	WSP45G	WSP45S
	LNMU150812T-F27T	M	4	8	15	14	1.2	☹	☹	☹			☹	☹	☹		
	LNMU201012T-F27T	M	4	10	20	16	1.2	☹	☹	☹			☹	☹	☹		
	LNMU150812-F57T	M	4	8	15	14	1.2	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
	LNMU201012-F57T	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 <sub>2</sub> mm	r mm	P				M				K				S		
							HC				HC				HC				HC		
							WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G
	LNHU080304-B57T	H	4	3,5	8	9	0,4	☹	☹	☹				☹	☹	☹	☹	☹	☹		
	LNHU080404-B57T	H	4	4,5	8	9,4	0,4	☹	☹	☹				☹	☹	☹	☹	☹	☹		
	LNHU100508-B57T	H	4	5,5	10	12,3	0,8	☹	☹	☹				☹	☹	☹	☹	☹	☹		
	LNHU120608-B57T	H	4	6,5	12	13,9	0,8	☹	☹	☹				☹	☹	☹	☹	☹	☹		
	LNHU080304-F57T	H	4	3,5	8	9	0,4	☹	☹	☹	☹	☹	☹			☹	☹	☹	☹	☹	☹
	LNHU080404-F57T	H	4	4,5	8	9,4	0,4	☹	☹	☹	☹	☹	☹			☹	☹	☹	☹	☹	☹
	LNHU100508-F57T	H	4	5,5	10	12,3	0,8	☹	☹	☹	☹	☹	☹			☹	☹	☹	☹	☹	☹
	LNHU120608-F57T	H	4	6,5	12	13,9	0,8	☹	☹	☹	☹	☹	☹			☹	☹	☹	☹	☹	☹
	LNHU160812-F57T	H	4	8	16	16,9	1,2	☹	☹	☹	☹	☹	☹			☹	☹	☹	☹	☹	☹
	LNMU080404-B57T	M	4	4,5	8	9,4	0,4							☹	☹	☹	☹	☹	☹		
	LNMU100508-B57T	M	4	5,5	10	12,3	0,8							☹	☹	☹	☹	☹	☹		
	LNMU160812-B57T	M	4	8	16	16,9	1,2							☹	☹	☹	☹	☹	☹		
	LNMU080304-F57T	M	4	3,5	8	9	0,4	☹	☹	☹	☹	☹	☹			☹	☹	☹	☹	☹	☹
	LNMU080404-F57T	M	4	4,5	8	9,4	0,4	☹	☹	☹	☹	☹	☹			☹	☹	☹	☹	☹	☹
	LNMU100508-F57T	M	4	5,5	10	12,3	0,8	☹	☹	☹	☹	☹	☹			☹	☹	☹	☹	☹	☹
	LNMU120608-F57T	M	4	6,5	12	13,9	0,8	☹	☹	☹	☹	☹	☹			☹	☹	☹	☹	☹	☹
	LNMU160812-F57T	M	4	8	16	16,9	1,2	☹	☹	☹	☹	☹	☹			☹	☹	☹	☹	☹	☹

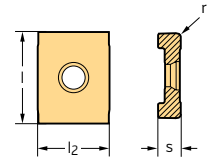
Ordering example for the grade WKK25G: LNHU080304-B57T WKK25G

HC = Coated carbide



WALTER SELECT

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

## Tangential rhombic LNHX / LNMX Tiger-tec® Gold



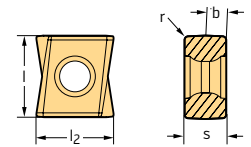
### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	P		M		K		S		
						HC		HC		HC		HC		
						WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WKP35S	WSM35G	WSM35S	WSP45G
 LNHX070204-F57T	H	4	2,4	9	0,4	☉	☉	☉	☉	☉	☉	☉	☉	☉
 LNMX070204-F57T	M	4	2,4	9	0,4	☉		☉	☉		☉	☉	☉	☉










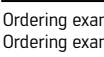



Ordering example for the grade WKP35S: LNHX070204-F57T WKP35S  
Ordering example for the grade WSM35G: LNHX070204-F57T WSM35G

HC = Coated carbide

## Tangential rhombic LNHU / LNMU Tiger-tec® Gold



### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l2 mm	r mm	b mm	P				M				K				N		S						
								HC				HC				HC				HC	HW	HC						
								WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM35S	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								☉													☉

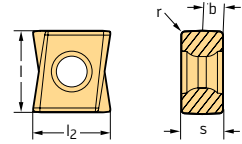
Ordering example for the grade WAK15: LNHU090404R-L55T WAK15  
Ordering example for the grade WKK25G: LNHU090404R-L55T WKK25G

HC = Coated carbide  
HW = Uncoated carbide


### WALTER SELECT

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

# Tangential rhombic LNHU / LNMU Tiger-tec® Gold



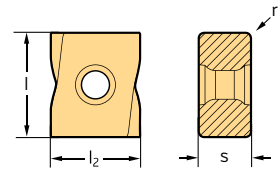
## Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l <sub>2</sub> mm	r mm	b mm	P				M				K				N		S		
								HC				HC				HC				HC	HW	HC		
 LNHU090404R-L85T LNHU130608R-L85T	H	4	4,5	9	8,5	0,4	1,5													☉	☉			
	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

# Tiger-tec® Gold

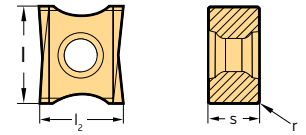


## Indexable inserts



Designation	Tolerance class	Number of cutting edges	s mm	l mm	l <sub>2</sub> mm	r mm	P				M	K		S
							HC				HC	HC		HC
 LNMX201012R-F27T LNMX201012R-F57T	M	4	10	20	17,05	1,2								
	M	4	10	20	17,05	1,2	☉	☉	☉	☉	☉	☉	☉	☉

Ordering example for the grade WKP35G: LNMX201012R-F27T WKP35G

HC = Coated carbide

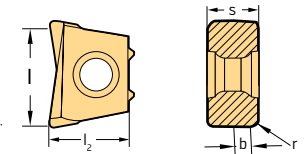


### Indexable inserts



Designation	Tolerance class	Number of cutting edges	s mm	l mm	l <sub>2</sub> mm	r mm	P		M		S	
							HC	WSP45G	HC	WSM45X	HC	WSP45G
 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



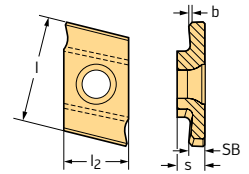
### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l <sub>2</sub> mm	r mm	b mm	P		M		S	
								HC	WSP45G	HC	WSM45X	HC	WSP45G
 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



## Indexable inserts

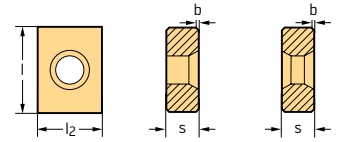
Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P	K
						HC	HC
						WKP35S	WKP35S
 P20200-1.1	H	2	2,35	9	0,1		
P20200-1.2	H	2	2,35	9	0,2		
P20200-1.3	H	2	2,35	9	0,2		
P20200-1.4	H	2	2,35	9	0,2		
P20200-1.5	H	2	2,35	9	0,2		
P20200-2.1	H	2	3,4	12	0,2		
P20200-2.2	H	2	3,4	12	0,2		
P20200-2.3	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



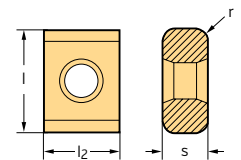
## Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l <sub>2</sub> mm	b mm	Material		
							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



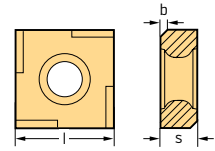
## Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	l <sub>2</sub> mm	r mm	Material					
							P	M	K	S		
							HC	HC	HC	HC		
							WKP25S	WSM35G	WSM35S	WKP25S	WSM35G	WSM35S
	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					
	P44280-2R40-D57	H	8	6,35	12,7	9,52	4					
	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	8	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



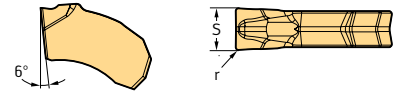
### Indexable inserts

Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P		K	
						HC	HC	HC	HC
						WKP35S	WAK15	WKP25S	WKP35S
 SNHQ1205ZZR-A57T	H	8	5	12	0.8				




























Ordering example for the grade WAK15: SNHQ1205ZZR-A57T WAK15

HC = Coated carbide

## Slitting – cutting inserts SX Tiger-tec® Gold



### Cutting inserts

Designation	s mm	r mm	S <sub>Tol</sub> mm	l <sub>Tol</sub> mm	P				M				K	N	S		
					HC				HC				HC	HW	HC		
					WKP23S	WSM23S	WSM33G	WSM33S	WSM43S	WSM23S	WSM33G	WSM33S	WSM43S	WKP23S	WK1	WSM23S	WSM33G
 SX-1E150N01-SF5	1.5	0.15	±0.05	±0.1													
SX-2E200N02-SF5	2	0.2	±0.05	±0.1													
SX-3E300N02-SF5	3	0.2	±0.05	±0.1													
SX-4E400N02-SF5	4	0.2	±0.05	±0.1													
SX-5E500N04-SF5	5	0.4	±0.05	±0.1													
 SX-1E150N01-SK8	1.5	0.1	±0.02	±0.05													
SX-2E200N02-SK8	2	0.2	±0.02	±0.05													
SX-3E300N02-SK8	3	0.2	±0.02	±0.05													
SX-4E400N02-SK8	4	0.2	±0.02	±0.05													
SX-5E500N04-SK8	5	0.4	±0.02	±0.05													

 l<sub>Tol</sub> = Repeat accuracy when changing indexable inserts within one insert batch

 Radius tolerance r<sub>Tol</sub> = ±0.05 mm

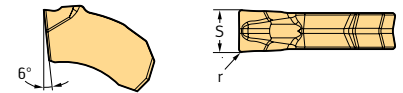
Ordering example for the grade WSM33G: SX-1E150N01-SF5 WSM33G

 HC = Coated carbide  
 HW = Uncoated carbide

# Slitting – cutting inserts

## SX

### Tiger-tec® Gold



#### Cutting inserts

Designation	s mm	r mm	S <sub>Tol</sub> mm	l <sub>Tol</sub> mm	P				M				K		N		S					
					HC				HC				HC		HW		HC					
					WKP23S	WSM23S	WSM33G	WSM33S	WSM43S	WSM23S	WSM33G	WSM33S	WSM43S	WKP23S	WK1	WSM23S	WSM33G	WSM33S	WSM43S			
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																		

l<sub>Tol</sub> = Repeat accuracy when changing indexable inserts within one insert batch  
 Radius tolerance r<sub>Tol</sub> = ±0.05 mm  
 Ordering example for the grade WSM33G: SX-1E150N01-SF5 WSM33G

HC = Coated carbide  
 HW = Uncoated carbide

## Face milling cutters

Machining				
	Lead angle $\kappa$	42°	42°	43°



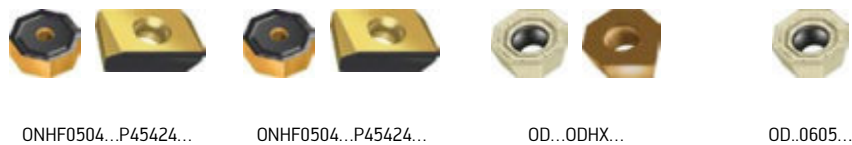
Designation	M2026		M2025		M5004 Xtra-tec® XT		F2010	
Diameter range	208,47– 258,47	—	88,47– 168,47	—	32–170	1,250–6,394	90–325	—

### Boring bar/adaptor type

DIN 1835 B								
Cylindrical bore DIN 138	✓		✓		✓	✓	✓	
ScrewFit					✓	✓		
Cylindrical shank					✓	✓		
Cylindrical modular					✓			
Steep taper								
HSK								
NCT								

<b>P</b> Steel					●●		●●	
<b>M</b> Stainless steel					●●		●●	
<b>K</b> Cast iron	●●		●●		●●		●●	
<b>N</b> NF metals					●●		●●	
<b>S</b> Materials with difficult cutting properties					●●		●●	
<b>H</b> Hard materials	●		●		●		●	
<b>O</b> 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 422	D 422	D 370	D 428

### QR code


[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/)

M2026

M2025

M5004

F2010

**WALTER SELECT**

●● Primary application ● Other application

## Face milling cutters

Machining				
Lead angle $\kappa$	45°	45°	45°	45°



Designation	M5009 Xtra-tec® XT		M4003		M3024 Walter BLAXX		F4045 Xtra-tec®	
Diameter range	50,43–174	1,911–6,551	29,63–173,41	1,129–6,528	49,8–172,86	2,386–6,506	72,8–172,8	—

Boring bar/adaptor type

DIN 1835 B								
Cylindrical bore DIN 138	✓	✓	✓	✓	✓	✓	✓	
ScrewFit	✓							
Cylindrical shank			✓	✓				
Cylindrical modular								
Steep taper								
HSK								
NCT								
<b>P</b> Steel	●●		●●		●●			
<b>M</b> Stainless steel	●●		●●		●●			
<b>K</b> Cast iron	●●		●●		●●		●●	
<b>N</b> NF metals	●●		●●		●●			
<b>S</b> Materials with difficult cutting properties	●●		●●		●●			
<b>H</b> Hard materials	●		●				●	
<b>O</b> 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 378	D 400	D 408	D 418

QR code



www.walter-tools.com/woc/

M5009

M4003

M3024

F4045

WALTER SELECT

●● Primary application ● Other application

## Face milling cutters

Machining				
Lead angle $\kappa$	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								

<b>P</b> Steel	●●	●●	●●	●●
<b>M</b> Stainless steel	●●	●●	●●	●
<b>K</b> Cast iron	●●	●●	●●	●●
<b>N</b> NF metals		●●	●●	
<b>S</b> Materials with difficult cutting properties	●●	●●	●●	
<b>H</b> Hard materials		●	●	
<b>O</b> 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 438	D 432	D 434	D 430

### QR code



F2010



F2010



F2010



F2010

[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/)
**WALTER SELECT**

●● Primary application ● Other application

## Face milling cutters

Machining



Lead angle  $\kappa$

60°

60°

75°

88°



Designation	M3016 Walter BLAXX		F2260		M5011 Xtra-tec® XT		M5012 Xtra-tec® XT	
Diameter range	143,6– 333,6	—	113–263	—	55,5– 165,5	—	40–160	—

Boring bar/adaptor type

DIN 1835 B								
Cylindrical bore DIN 138	✓		✓		✓		✓	
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
<b>P</b> Steel	●●		●		●●		●●	
<b>M</b> Stainless steel	●				●●		●●	
<b>K</b> Cast iron	●●		●●		●●		●●	
<b>N</b> NF metals							●●	
<b>S</b> Materials with difficult cutting properties	●				●●		●●	
<b>H</b> Hard materials					●		●	
<b>O</b> Other					●		●	

Indexable inserts



LNMU1508...

SN.X1205...XNGX1205ENN...

SN.X...XNGX...ZNN...

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 416	D 426	D 390	D 394

QR code



www.walter-tools.com/woc/

M3016

F2260

M5011

M5012

WALTER SELECT

●● Primary application ● Other application

## Face milling cutters

Machining		
Lead angle $\kappa$	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				

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

### Indexable inserts



SP..1204...SPHX1204...



P2903..

Number of cutting edges	1 / 1	3
Max. depth of cut	3	9
Page in catalogue	D 424	D 436

### QR code



F2250

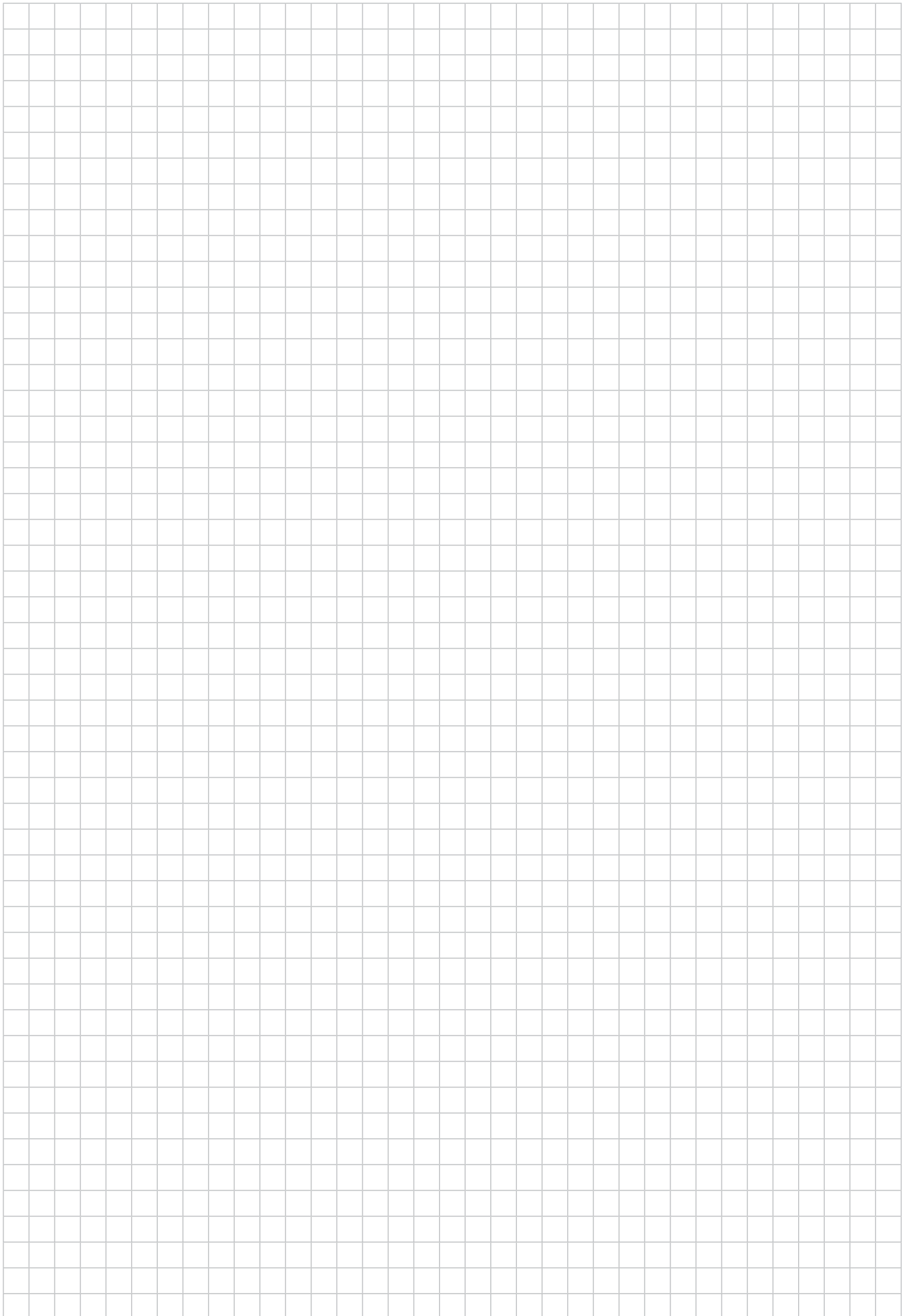


F2010

[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/)
**WALTER SELECT**

●● Primary application ● Other application





D 2

## High-feed milling cutters

Machining				
Lead angle $\kappa$	15°	15°	15°	15°



Designation	M5008 Xtra-tec® XT		M4002		F2330		F2010	
Diameter range	16-66	0,625-2,500	20-125	0,750-4,000	20-85	0,750-4,000	93-328	—

### Boring bar/adaptor type

DIN 1835 B						✓		
Cylindrical bore DIN 138	✓	✓	✓	✓	✓	✓	✓	
ScrewFit	✓	✓	✓	✓	✓	✓		
Cylindrical shank	✓	✓	✓	✓	✓	✓		
Cylindrical modular	✓		✓					
Steep taper								
HSK								
NCT								
<b>P</b> Steel	●●	●●	●●	●●	●●	●●	●●	●●
<b>M</b> Stainless steel	●●	●●	●●	●●	●●	●●	●●	●●
<b>K</b> Cast iron	●●	●●	●●	●●	●●	●●	●●	●●
<b>N</b> NF metals	●●	●●	●●	●●	●●	●●	●●	●●
<b>S</b> Materials with difficult cutting properties	●●	●●	●●	●●	●●	●●	●●	●●
<b>H</b> Hard materials	●●	●●	●	●			●	●
<b>O</b> Other								

### Indexable inserts



EN.X08T3...

SD...SD.X...

P263...

SD..1204...

Number of cutting edges	4	4 / 4	3	4
Max. depth of cut	1	1 - 2	1 - 2	2
Page in catalogue	D 442	D 448	D 456	D 432

### QR code


[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/)

M5008

M4002

F2330

F2010

**WALTER SELECT**

●● Primary application ● Other application

## High-feed milling cutters

Machining		
	15°	21°



Designation	F2010		F4030 Xtra-tec®	
Diameter range	87-322,15	—	25-100	1,000-4,000

Boring bar/adaptor type

DIN 1835 B				✓
Cylindrical bore DIN 138	✓		✓	✓
ScrewFit			✓	✓
Cylindrical shank			✓	✓
Cylindrical modular				
Steep taper				
HSK				
NCT				

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

Indexable inserts



P263...



P23696...

Number of cutting edges	3	6
Max. depth of cut	2	1 - 2
Page in catalogue	D 460	D 452

QR code



F2010



F4030

www.walter-tools.com/woc/

**WALTER SELECT**

● ● Primary application ● Other application

## Shoulder milling cutters

Machining				
Lead angle $\kappa$	90°	90°	90°	90°



Designation	M5137 Xtra-tec® XT		M5130 Xtra-tec® XT		M4130		M2331	
Diameter range	25–100	1,000–4,000	10–160	0,500–6,000	16–80	—	40–50	—

### Boring bar/adaptor type

DIN 1835 B	✓	✓	✓	✓	✓			
Cylindrical bore DIN 138	✓	✓	✓	✓	✓		✓	
ScrewFit			✓	✓				
Cylindrical shank			✓	✓				
Cylindrical modular			✓					
Steep taper								
HSK								
NCT								

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

### Indexable inserts



TNMU...



AC... / BC...BCGX...



LD...



ZDGT...A...

Number of cutting edges	6	2 / 2	2	2
Max. depth of cut	5 - 8	5 - 15	8 - 16	15 - 20
Page in catalogue	D 488	D 466	D 496	D 508

### QR code



M5137



M5130



M4130



M2331

[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/)
**WALTER SELECT**

●● Primary application ● Other application

## Shoulder milling cutters

Machining				
Lead angle $\kappa$	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								
<b>P</b> Steel					●●		●●	
<b>M</b> Stainless steel					●●		●●	
<b>K</b> Cast iron	●●				●●		●●	
<b>N</b> NF metals			●●		●●		●●	
<b>S</b> Materials with difficult cutting properties					●●		●●	
<b>H</b> Hard materials					●		●	
<b>O</b> Other			●		●		●	

Indexable inserts



Number of cutting edges	8 / 4	2	4	4 / 4
Max. depth of cut	6,5	15 - 20	15	12
Page in catalogue	D 510	D 504	D 522	D 518

QR code



www.walter-tools.com/woc/

M2136

M2131

F5241

F5141

WALTER SELECT

●● Primary application ● Other application

## Shoulder milling cutters

Machining				
Lead angle $\kappa$	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								

<b>P</b> Steel	●●	●●	●●	●●	●●	●●	●●	●●
<b>M</b> Stainless steel	●●	●●	●●	●●	●●	●●	●●	●●
<b>K</b> Cast iron	●●	●●	●●	●●	●●	●●	●●	●●
<b>N</b> NF metals	●●	●●	●●	●●	●●	●●	●●	●●
<b>S</b> Materials with difficult cutting properties	●●	●●	●●	●●	●●	●●	●●	●●
<b>H</b> Hard materials	●							
<b>O</b> 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 512	D 558	D 556	D 574

### QR code


[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/)

F5041

F5138

F5038

F4338

**WALTER SELECT**

●● Primary application ● Other application

## Shoulder milling cutters

Machining				
Lead angle $\kappa$	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

DIN 1835 B		✓	✓	✓	✓	✓		
Cylindrical bore DIN 138	✓	✓	✓	✓			✓	
ScrewFit	✓		✓	✓	✓			
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT	✓		✓					

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

Indexable inserts



Number of cutting edges	2	2	2	2
Max. depth of cut	29 - 99	33 - 54	22 - 37	16,7
Page in catalogue	D 570	D 566	D 562	D 532

QR code



www.walter-tools.com/woc/

F4238

F4138

F4038

F4042

WALTER SELECT

●● Primary application ● Other application

## Shoulder milling cutters

Machining				
Lead angle $\kappa$	90°	90°	90°	90°



Designation	F4042R Xtra-tec®		F4041 Xtra-tec®		F2338F		F2010	
Diameter 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								

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

### Indexable inserts



AD..10T3...ADGX10T3...

LN.X1307...

LP..1506...SP..1206...

BC..1605...

Number of cutting edges	2 / 2	4	2 / 4	2
Max. depth of cut	10	13	48 - 70	15
Page in catalogue	D 528	D 524	D 576	D 548

### QR code


[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/)

F4042R

F4041

F2338F

F2010

**WALTER SELECT**

●● Primary application ● Other application



## Shoulder milling cutters

Machining				
Lead angle $\kappa$	90°	90°	90°	90°



Designation	F2010		F2010		F2010		F2010	
Diameter range	80-315	3,000-12,000	80-315	—	80-315	—	80-315	—

Boring bar/adaptor type

DIN 1835 B								
Cylindrical bore DIN 138	✓	✓	✓		✓		✓	
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								

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

Indexable inserts



Number of cutting edges	2	4	4	4
Max. depth of cut	11.7 - 11.7	12	8	13
Page in catalogue	D 544	D 542	D 540	D 538

QR code



www.walter-tools.com/woc/	F2010	F2010	F2010	F2010
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WALTER SELECT

●● Primary application ● Other application

## Shoulder milling cutters

Machining				
Lead angle $\kappa$	90°	90°	89,75°	89,5°



Designation	F2010		F2010		M4132		F2010	
Diameter range	80-315	—	80-315	—	16-125	0,625-3	80-315	—

### Boring bar/adaptor type

DIN 1835 B					✓	✓		
Cylindrical bore DIN 138	✓		✓		✓	✓	✓	
ScrewFit					✓			
Cylindrical shank								
Cylindrical modular					✓			
Steep taper								
HSK								
NCT								

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

### Indexable inserts



Number of cutting edges	2	2	4	4
Max. depth of cut	15	11,7	5,6 - 11,6	11,6
Page in catalogue	D 536	D 534	D 500	D 432

### QR code



www.walter-tools.com/woc/

F2010

F2010

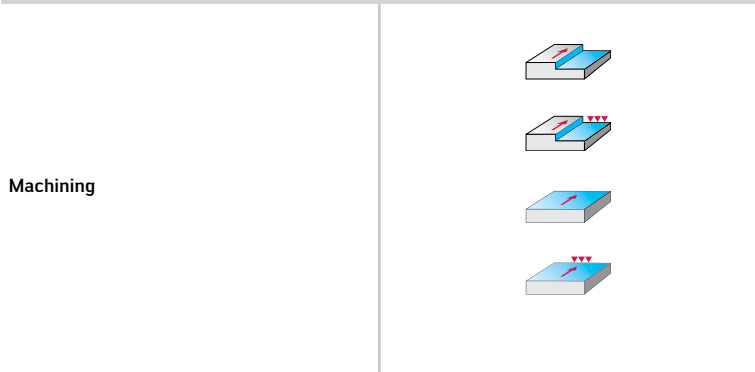
M4132

F2010

**WALTER SELECT**

●● Primary application ● Other application

## Shoulder milling cutters



Lead angle $\kappa$	89,5°
---------------------	-------



Designation	F2010	
Diameter range	80–315	—

Boring bar/adaptor type

DIN 1835 B		
Cylindrical bore DIN 138	✓	
ScrewFit		
Cylindrical shank		
Cylindrical modular		
Steep taper		
HSK		
NCT		

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

Indexable inserts



SD..09T3...

Number of cutting edges	4
Max. depth of cut	8,4
Page in catalogue	D 552

QR code



[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/) F2010

**WALTER SELECT**

● ● Primary application ● Other application

## Slot milling cutters

Machining				
	90°		90°	
Lead angle $\kappa$	90°		90°	



Designation	M4792		M4791		M4258		M4257	
Diameter range	17,9–39,9	0,750–1,500	—	0,750–1,750	50–100	3,000–4,000	40–63	1,500–2,500

**Boring bar/adaptor type**

DIN 1835 B	✓	✓		✓			✓	✓
Cylindrical bore DIN 138					✓	✓	✓	✓
ScrewFit							✓	
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								

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

**Indexable inserts**

 LD...  
SD...

SD...

 LD..1704...  
SD..1204...

 LD..14T3...  
SD...09T3...

Number of cutting edges	2 / 4	4	2 / 4	2 / 4
Max. depth of cut	8,3 - 26,9	5,6 - 11,6	25 - 118	47 - 54
Cutting width SB [mm]				
Page in catalogue	D 580	D 578	D 586	D 586

**QR code**

[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/)

M4792

M4791

M4258

M4257

**WALTER SELECT**

●● Primary application ● Other application

## Slot milling cutters

Machining				
Lead angle $\kappa$	90°	90°	90°	90°



Designation	M4256		M3255 Walter BLAXX		F5055 Walter BLAXX		F4253 Xtra-tec®	
Diameter range	20-32	—	50-80	2,000-3,000	63-500	3,937-6,299	100-315	—
Boring bar/adaptor type								
DIN 1835 B	✓							
Cylindrical bore DIN 138			✓	✓	✓	✓	✓	
ScrewFit	✓							
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
<b>P</b> Steel	●●				●●		●●	
<b>M</b> Stainless steel	●●		●●		●●		●●	
<b>K</b> Cast iron	●●				●●		●●	
<b>N</b> NF metals					●●			
<b>S</b> Materials with difficult cutting properties	●●		●●		●●		●●	
<b>H</b> Hard materials								
<b>O</b> Other								

Indexable inserts



LD..08T2...  
SD..06T2...      XNHX1306...  
LNHX1206...      SX...      LNU...

Number of cutting edges	2 / 4	2 / 4	1	4
Max. depth of cut	27 - 37	46 - 58	—	—
Cutting width SB [mm]			1,5-5	12-25
Page in catalogue	D 586	D 596	D 620	D 618

QR code



www.walter-tools.com/woc/

M4256      M3255      F5055      F4253

## Slot milling cutters

Machining				
Lead angle $\kappa$	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								

<b>P</b> Steel	●●	●●	●●	●●
<b>M</b> Stainless steel	●●	●●	●●	●●
<b>K</b> Cast iron	●●	●●	●●	●●
<b>N</b> NF metals	●●	●●	●●	●●
<b>S</b> Materials with difficult cutting properties	●●	●●	●●	●●
<b>H</b> Hard materials				
<b>O</b> 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 612	D 610	D 604	D 602

### QR code



[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/)

F4153

F4053

F2252

F2252

# Slot milling cutters

Machining



Lead angle $\kappa$	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								
<b>P</b> Steel	●●		●●		●●		●●	
<b>M</b> Stainless steel	●●		●●		●●		●●	
<b>K</b> Cast iron	●●		●●		●●		●●	
<b>N</b> NF metals	●●		●●		●●		●●	
<b>S</b> Materials with difficult cutting properties	●●		●●		●●		●●	
<b>H</b> Hard materials								
<b>O</b> 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 600		D 606		D 606		D 606	

QR code



www.walter-tools.com/woc/

F2252

F2252

F2252

F2252

**WALTER SELECT**

●● Primary application ● Other application

## Copy milling cutters

Machining				
Lead angle $\kappa$				



Designation	M5468 Xtra-tec® XT		M5460 Xtra-tec® XT		M2473		M2472	
Diameter range	10–160	1,000–5,000	8–32	0,375–1,000	40–63	—	32–50	—

### Boring bar/adaptor type

DIN 1835 B	✓	✓	✓	✓				
Cylindrical bore DIN 138	✓	✓			✓		✓	
ScrewFit	✓		✓		✓		✓	
Cylindrical shank			✓	✓				
Cylindrical modular	✓		✓					
Steep taper								
HSK								
NCT								

<b>P</b> Steel	●●	●●	●●	●●				
<b>M</b> Stainless steel	●●	●●	●●	●●				
<b>K</b> Cast iron	●●	●●	●●	●●	●		●	
<b>N</b> NF metals	●●	●●	●●	●●				
<b>S</b> Materials with difficult cutting properties	●●	●●	●●	●●	●●		●●	
<b>H</b> Hard materials	●●	●●	●●	●●				
<b>O</b> 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 626	D 664	D 660	D 658

### QR code



M5468



M5460



M2473



M2472

[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/)
**WALTER SELECT**

●● Primary application ● Other application



## Copy milling cutters

Machining				
Lead angle $\kappa$				



Designation	M2471		F2339		F2334R		F2239	
Diameter range	25-63	2,000-2,500	16-40	0,625-2,000	25-80	1,250-2,500	20-63	—

Boring bar/adaptor type

DIN 1835 B			✓	✓			✓	
Cylindrical bore DIN 138	✓	✓			✓	✓		
ScrewFit	✓		✓	✓	✓	✓	✓	
Cylindrical shank	✓				✓	✓		
Cylindrical modular			✓				✓	
Steep taper								
HSK								
NCT								✓

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

Indexable inserts



RN.X...



XD.T...SP...



RO.X...



P26315...SP...

Number of cutting edges	8	2 / 4	4	3 / 4
Max. depth of cut	5 - 6	11 - 57	5 - 6	15 - 84
Page in catalogue	D 654	D 674	D 650	D 672

QR code



www.walter-tools.com/woc/

M2471

F2339

F2334R

F2239

WALTER SELECT

●● Primary application ● Other application

## Copy milling cutters

Machining			
Lead angle $\kappa$			



Designation	F2139		F2010	
Diameter range	8–32	—	83,3–318,3	—

### Boring bar/adaptor type

DIN 1835 B				
Cylindrical bore DIN 138			✓	
ScrewFit	✓			
Cylindrical shank	✓			
Cylindrical modular				
Steep taper				
HSK				
NCT				

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

### Indexable inserts



P32...



R0.X1605...

Number of cutting edges	1	6
Max. depth of cut	4 - 16	8
Page in catalogue	D 668	D 680

### QR code



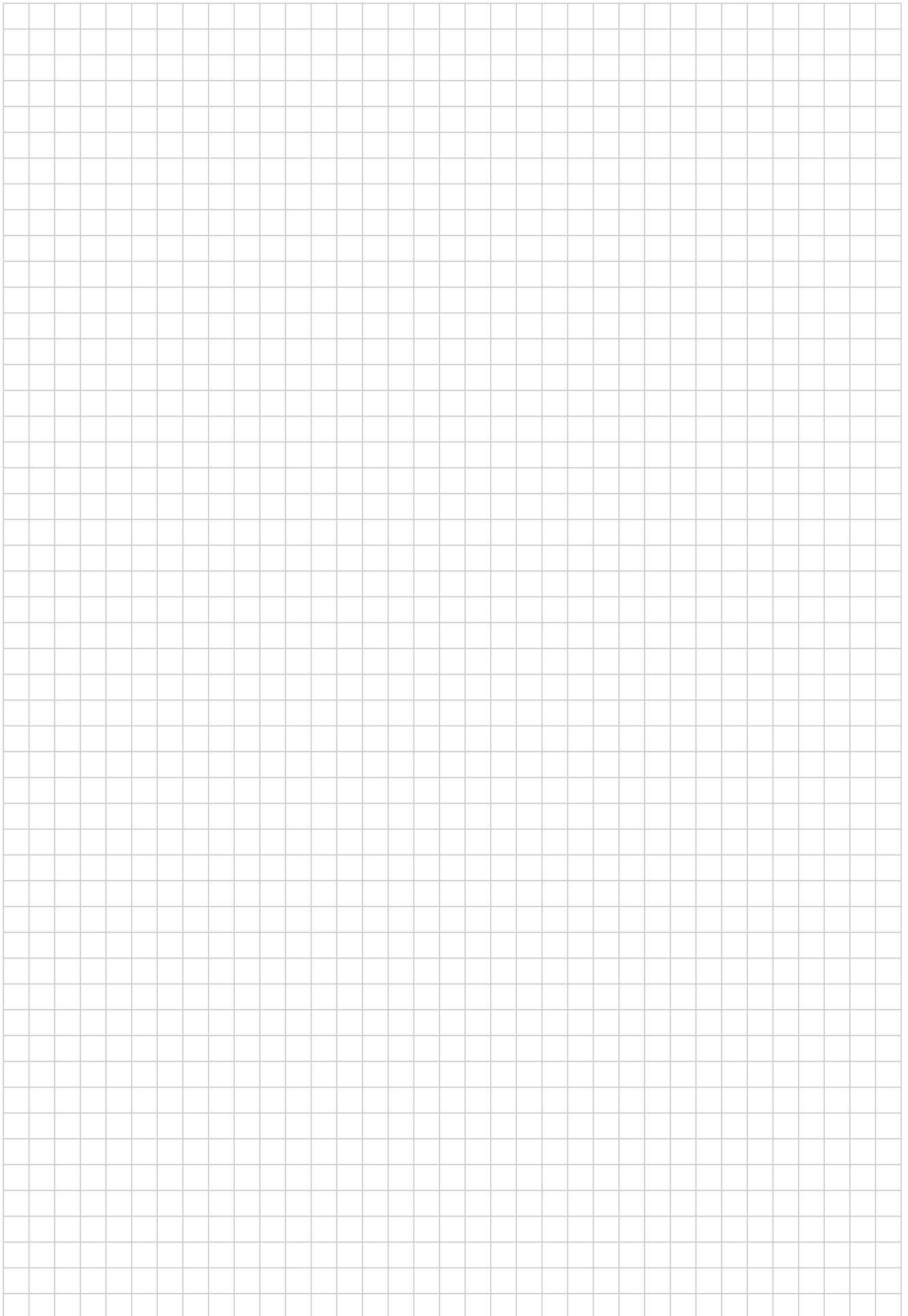
F2139



F2010

[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/)
**WALTER SELECT**

●● Primary application ● Other application



## Profiling cutters

Machining								
	30°		45°		60°		90°	
Lead angle $\kappa$	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								

<b>P</b> Steel	●●	●●	●●	●●	●●	●●	●●	●●
<b>M</b> Stainless steel	●●	●●	●●	●●	●●	●●	●●	●●
<b>K</b> Cast iron	●●	●●	●●	●●	●●	●●	●●	●●
<b>N</b> NF metals	●●	●●	●●	●●	●●	●●	●●	●●
<b>S</b> Materials with difficult cutting properties	●●	●●	●●	●●	●●	●●	●●	●●
<b>H</b> Hard materials								
<b>O</b> 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 684	D 682	D 686	D 694

### QR code


[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/)

M4574

M4574

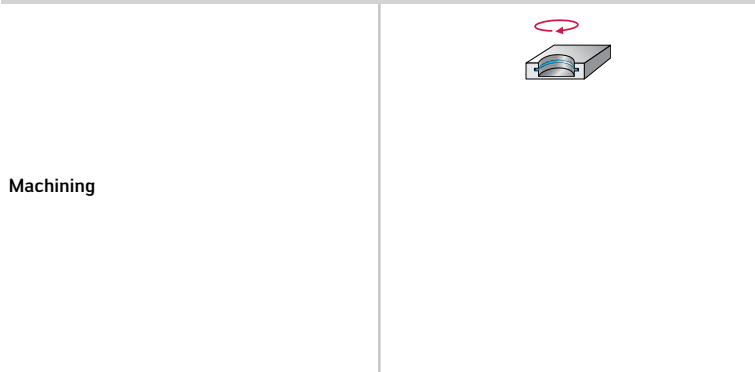
M4574

M4575

**WALTER SELECT**

●● Primary application ● Other application

# Profiling cutters



Machining

Lead angle $\kappa$	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	✓	

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

Indexable inserts



P20200...

Number of cutting edges	2
Max. depth of cut	—
Page in catalogue	D 698

QR code

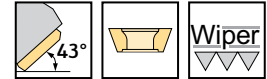
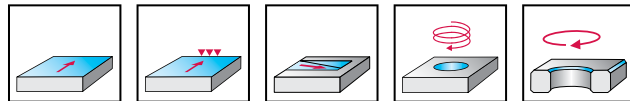


[www.walter-tools.com/woc/](http://www.walter-tools.com/woc/) F2036

# 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 <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	L <sub>c2</sub> mm	Z	kg	No. of inserts	Type
 ScrewFit	M5004-032-T28-02-03	24	32	T28	40		3	8	2	0,16	2	OD .. 0504 .. ODHX0504ZZR
	M5004-040-T36-03-03	32	40	T36	40		3	8	3	0,3	3	
 Cylindrical modular	M5004-032-TC16-02-03	24	32	M16	40		3	8	2	0,15	2	OD .. 0504 .. ODHX0504ZZR
 Cylindrical shank	M5004-032-A20-02-03	24	32	20	35	110	3	8	2	0,25	2	OD .. 0504 .. ODHX0504ZZR
	M5004-032-A25-02-03	24	32	25	35	150	3	8	2	0,51	2	
	M5004-040-A20-03-03	32	40	20	35	110	3	8	3	0,28	3	
	M5004-040-A25-03-03	32	40	25	35	150	3	8	3	0,59	3	
 Shell mill mount DIN 138 transverse keyway	M5004-050-B16-04-03	42	50	16	40		3	8	4	0,38	4	OD .. 0504 .. ODHX0504ZZR
	M5004-050-B16-05-03	42	50	16	40		3	8	5	0,22	5	
	M5004-052-B22-04-03	44	52	22	45		3	8	4	0,42	4	
	M5004-052-B22-05-03	44	52	22	40		3	8	5	0,35	5	
	M5004-058-B16-04-03	50	58	16	40		3	8	4	0,51	4	
	M5004-058-B16-05-03	50	58	16	40		3	8	5	0,3	5	
	M5004-063-B22-05-03	55	63	22	40		3	8	5	0,62	5	
	M5004-063-B22-06-03	55	63	22	40		3	8	6	0,4	6	
	M5004-063-B22-07-03	55	63	22	40		3	8	7	0,39	7	
	M5004-066-B27-06-03	58	66	27	50		3	8	6	0,6	6	
M5004-066-B27-07-03	58	66	27	50		3	8	7	0,6	7		
M5004-071-B22-06-03	63	71	22	40		3	8	6	0,72	6		

Bodies and assembly parts are included in the scope of delivery

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts		
D <sub>c</sub> [mm]	24–117	
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 3 Nm

Accessories		
D <sub>c</sub> [mm]	24–117	
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M				K						N		S			H		
					HC				HC				CN						HC	HW	HC			HC		
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WSN10	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSM45X
ODHT050408-F57	H	8	0.8			☉	☉	☉	☉							☉	☉									
ODHW050412-A57	H	8	1.2							☉																
ODMT050408-D57	M	8	0.8			☉	☉	☉	☉																	
ODMW050408-A57	M	8	0.8			☉	☉	☉	☉		☉															
ODMW050408T-A27	M	8	0.8			☉	☉	☉	☉																	
ODHT0504ZZN-F57	H	8	0.8	1.2		☉	☉	☉	☉																	
ODHT0504ZZN-G77	H	8	0.8	1.6																						
ODHT0504ZZN-G88	H	8	0.8	1.2															☉	☉						
ODHW0504ZZN-A57	H	8	0.8	1.2		☉	☉	☉	☉		☉															
ODMT0504ZZN-D57	M	8	0.8	1.2		☉	☉	☉	☉																	
ODMT0504ZZN-F57	M	8	0.8	1.2		☉	☉	☉	☉																	
ODHX0504ZZR-A57	H	1	0.8	7.2	☉						☉	☉													☉	

ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN...  
 ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN . .

HC = Coated carbide  
 CN = Silicon nitride Si<sub>3</sub>N<sub>4</sub>  
 HW = Uncoated carbide

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

# Octagonal face milling cutters

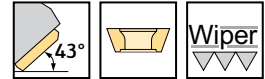
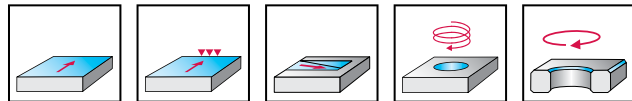
M5004

OD .. 0504 ..; ODHX0504ZZR

Xtra-tec® XT

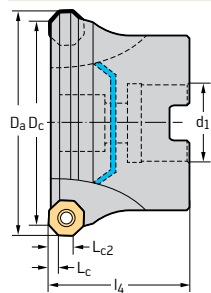


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5004	●	●	●	●	●	●	●

## Tool



Shell mill mount DIN 138 transverse keyway

Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	L <sub>c2</sub> mm	Z	kg	No. of inserts	Type
M5004-071-B22-07-03	63	71	22	40		3	8	7	0,48	7	OD .. 0504 .. ODHX0504ZZR
M5004-080-B27-06-03	72	80	27	50		3	8	6	0,88	6	
M5004-080-B27-07-03	72	80	27	50		3	8	7	1,16	7	
M5004-080-B27-08-03	72	80	27	50		3	8	8	0,91	8	
M5004-088-B27-07-03	80	88	27	50		3	8	7	1,05	7	
M5004-088-B27-08-03	80	88	27	50		3	8	8	1,07	8	
M5004-100-B32-08-03	92	100	32	50		3	8	8	1,59	8	
M5004-100-B32-10-03	92	100	32	50		3	8	10	1,57	10	
M5004-108-B32-08-03	100	108	32	50		3	8	8	1,77	8	
M5004-108-B32-10-03	100	108	32	50		3	8	10	1,77	10	
M5004-125-B40-10-03	117	125	40	63		3	8	10	3,07	10	
M5004-125-B40-12-03	117	125	40	63		3	8	12	3	12	

Bodies and assembly parts are included in the scope of delivery



### Assembly parts

	D <sub>c</sub> [mm]	24–117
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 3 Nm

### Accessories

	D <sub>c</sub> [mm]	24–117
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P								M				K						N		S				H
					HC								HC				CN		HC		HW		HC				HC		
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WSN10	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X	
	ODHT050408-F57	H	8	0.8			☉	☉	☉																				
	ODHW050412-A57	H	8	1.2						☉																			
	ODMT050408-D57	M	8	0.8			☉	☉	☉	☉																			
	ODMW050408-A57	M	8	0.8			☉	☉	☉		☉																		
	ODMW050408T-A27	M	8	0.8			☉	☉	☉																				
	ODHT0504ZZN-F57	H	8	0.8	1.2		☉	☉	☉																				
	ODHT0504ZZN-G77	H	8	0.8	1.6																								
	ODHT0504ZZN-G88	H	8	0.8	1.2														☉	☉									
	ODHW0504ZZN-A57	H	8	0.8	1.2		☉	☉	☉		☉																		
	ODMT0504ZZN-D57	M	8	0.8	1.2		☉	☉	☉																				
ODMT0504ZZN-F57	M	8	0.8	1.2		☉	☉	☉																					
	ODHX0504ZZR-A57	H	1	0.8	7.2	☉					☉	☉													☉				

ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN...  
 ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN . .

HC = Coated carbide  
 CN = Silicon nitride Si<sub>3</sub>N<sub>4</sub>  
 HW = Uncoated carbide

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

# Octagonal face milling cutters

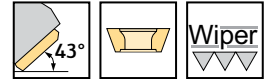
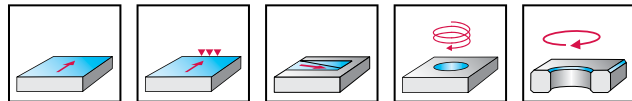
M5004 inch

OD .. 0504 ..; ODHX0504ZZR

Xtra-tec® XT



– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5004	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> inch	D <sub>a</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	L <sub>c2</sub> inch	Z	lbs	No. of inserts	Type
<p>ScrewFit</p>	M5004.031-T28-02-03	0,935	1,250	T28	1,575		0,118	0,315	2	0,359	2	OD .. 0504 .. ODHX0504ZZR
	M5004.038-T36-03-03	1,185	1,500	T36	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

### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [inch]	0,935–3
	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				H			
					WHH15X	WKP255	WKP356	WKP355	WSP456	WSM356	WSM355	WSM45X	WSP456	WSN10	WAK15	WHH15X	WKK256	WKK255	WKP255	WKP356	WKP355	WXN15	WK10	WSM356	WSM355	WSM45X
 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...  
 ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN . .

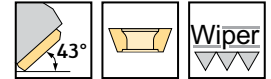
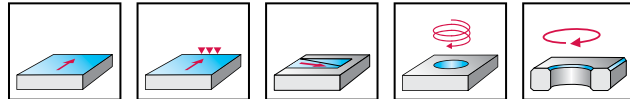
HC = Coated carbide  
 CN = Silicon nitride Si<sub>3</sub>N<sub>4</sub>  
 HW = Uncoated carbide

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

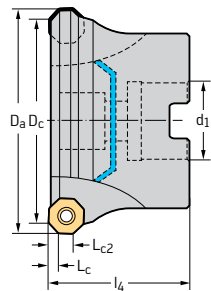
# Octagonal face milling cutters

**M5004** mm
**OD .. 0605 ..; ODHX0605ZZR**
**Xtra-tec® XT**


– 8 cutting edges per indexable insert

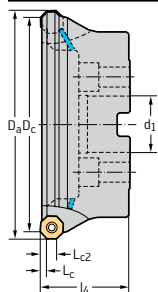


M5004	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

**Tool**


Shell mill mount DIN 138 transverse keyway

Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> mm	L <sub>c2</sub> mm	Z	kg	No. of inserts	Type
M5004-050-B16-03-04	40	50	16	40	4	10	3	0,19	3	OD .. 0605 .. ODHX0605ZZR
M5004-052-B22-03-04	42	52	22	45	4	10	3	0,29	3	
M5004-060-B16-03-04	50	60	16	40	4	10	3	0,29	3	
M5004-063-B22-04-04	53	63	22	40	4	10	4	0,38	4	
M5004-063-B22-05-04	53	63	22	40	4	10	5	0,34	5	
M5004-063-B22-06-04	53	63	22	40	4	10	6	0,35	6	
M5004-066-B27-05-04	56	66	27	50	4	10	5	0,63	5	
M5004-066-B27-06-04	56	66	27	50	4	10	6	0,83	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	0,45	6	
M5004-080-B27-05-04	70	80	27	50	4	10	5	0,85	5	
M5004-080-B27-06-04	70	80	27	50	4	10	6	0,85	6	
M5004-080-B27-07-04	70	80	27	50	4	10	7	0,82	7	
M5004-090-B27-06-04	80	90	27	50	4	10	6	1	6	
M5004-090-B27-07-04	80	90	27	50	4	10	7	0,99	7	
M5004-100-B32-07-04	90	100	32	50	4	10	7	1,44	7	
M5004-100-B32-09-04	90	100	32	50	4	10	9	1,4	9	
M5004-110-B32-07-04	100	110	32	50	4	10	7	1,64	7	
M5004-110-B32-09-04	100	110	32	50	4	10	9	1,69	9	
M5004-125-B40-08-04	115	125	40	63	4	10	8	2,79	8	
M5004-125-B40-10-04	115	125	40	63	4	10	10	2,8	10	
M5004-135-B40-08-04	125	135	40	63	4	10	8	3,16	8	
M5004-135-B40-10-04	125	135	40	63	4	10	10	3,1	10	
M5004-160-B40-09-04	150	160	40	63	4	10	9	4,23	9	OD .. 0605 .. ODHX0605ZZR
M5004-160-B40-11-04	150	160	40	63	4	10	11	4,22	11	
M5004-170-B40-09-04	160	170	40	63	4	10	9	4,71	9	
M5004-170-B40-11-04	160	170	40	63	4	10	11	4,66	11	



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 <sub>c</sub> [mm]	40–160
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm

### Accessories

	D <sub>c</sub> [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				CN	K				N		S				H	
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X		WSP45G	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10		WSM35G
	ODHT060512-F57	H	8	1.2		⊕	⊕	⊕	⊕																
	ODHW060516-A57	H	8	1.6										⊕											
	ODMT060512-D57	M	8	1.2		⊕	⊕	⊕	⊕																
	ODMW060508-A57	M	8	0.8		⊕	⊕	⊕	⊕					⊕											
	ODMW060508T-A27	M	8	0.8		⊕	⊕	⊕	⊕					⊕											
	ODHT0605ZZN-F57	H	8	0.8	1.6	⊕	⊕	⊕	⊕																
	ODHT0605ZZN-G77	H	8	0.8	1.6																				
	ODHT0605ZZN-G88	H	8	0.8	1.6														⊕	⊕					
	ODHW0605ZZN-A57	H	8	0.8	1.6		⊕	⊕	⊕					⊕											
	ODMT0605ZZN-D57	M	8	0.8	1.6		⊕	⊕	⊕																
	ODMT0605ZZN-F57	M	8	0.8	1.6		⊕	⊕	⊕																
	ODHX0605ZZR-A57	H	1	0.8	9.4	⊕								⊕	⊕										⊕

ODHX0605ZZR-A57 wiper insert only in combination with ODH.0605ZZN . .

HC = Coated carbide  
CN = Silicon nitride Si<sub>3</sub>N<sub>4</sub>  
HW = Uncoated carbide

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

# Octagonal face milling cutters

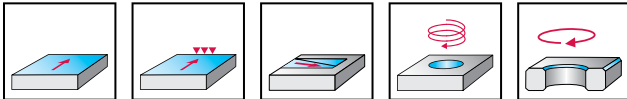
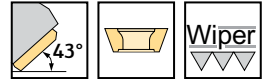
M5004 inch

OD .. 0605 ..; ODHX0605ZZR

Xtra-tec® XT

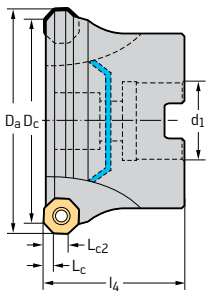


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5004	●	●	●	●	●	●	●

## Tool



Shell mill mount DIN 138 transverse keyway

Designation	D <sub>c</sub> inch	D <sub>a</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	L <sub>c</sub> inch	L <sub>c2</sub> 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 <sub>c</sub> [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 <sub>c</sub> [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				CN		K						N		S				H		
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WSN10	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X	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 Si<sub>3</sub>N<sub>4</sub>  
HW = Uncoated carbide

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

# Face milling cutters

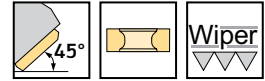
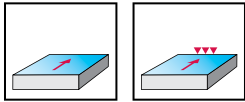
M5009

SN . X0904 ..; XNGX0904ANN

Xtra-tec® XT

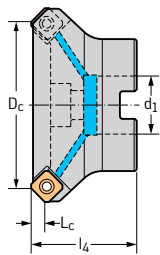


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5009	●	●	●	●	●	●	●

## Tool



Shell mill mount DIN 138 transverse keyway

Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
M5009-040-B16-04-05	40	16	40	5	4	0,3	4	SN . X0904 .. XNGX0904ANN
M5009-040-B16-06-05	40	16	40	5	6	0,29	6	
M5009-050-B22-06-05	50	22	40	5	6	0,44	6	
M5009-050-B22-08-05	50	22	40	5	8	0,43	8	
M5009-063-B22-07-05	63	22	40	5	7	0,56	7	
M5009-063-B22-09-05	63	22	40	5	9	0,56	9	
M5009-080-B27-08-05	80	27	50	5	8	1,36	8	
M5009-080-B27-11-05	80	27	50	5	11	1,36	11	
M5009-100-B32-09-05	100	32	50	5	9	1,85	9	
M5009-100-B32-13-05	100	32	50	5	13	1,83	13	

Bodies and assembly parts are included in the scope of delivery



### Assembly parts

	D <sub>c</sub> [mm]	40–100
	Clamping screw for indexable insert Tightening torque	FS2579 (T8IP) 1,2 Nm

### Accessories

	D <sub>c</sub> [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	
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WK25G	WK25S	WKP25S	WKP35G	WKP35S	WXM15	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

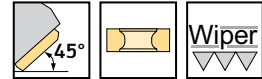
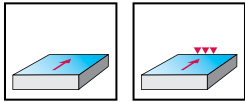
M5009 inch

SN . X0904 ..; XNGX0904ANN

Xtra-tec® XT

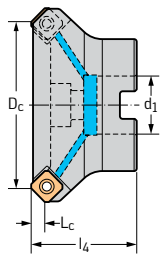


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5009	●	●	●	●	●	●	●

## Tool



Shell mill mount DIN 138 transverse keyway

Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
M5009.038-B19-04-05	1,500	0,750	1,500	0,197	4	0,573	4	SN . X0904 .. XNGX0904ANN
M5009.038-B19-06-05	1,500	0,750	1,500	0,197	6	0,551	6	
M5009.051-B19-06-05	2,000	0,750	1,500	0,197	6	0,882	6	
M5009.051-B19-08-05	2,000	0,750	1,500	0,197	8	0,882	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	6,526	9	

Bodies and assembly parts are included in the scope of delivery

### Assembly parts

D <sub>c</sub> [inch]		1,5–2	2,5–3	4
	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 <sub>c</sub> [inch]		1,5–4
	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	WSP45G	WXM15	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35G	WSM35S
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

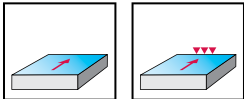
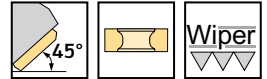
M5009 mm

SN . X1205 ..; XNGX1205ANN

Xtra-tec® XT



– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5009	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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	0,54	8	
	M5009-063-B27-08-06	63	27	50	6	8	0,8	8	
	M5009-080-B27-10-06	80	27	50	6	10	1,15	10	
	M5009-100-B32-12-06	100	32	50	6	12	1,79	12	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5009-125-B40-16-06	125	40	63	6	16	3,34	16	SN . X1205 .. XNGX1205ANN
	M5009-160-B40-20-06	160	40	63	6	20	5,05	20	

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 <sub>c</sub> [mm]	50–160
	Clamping screw for indexable insert Tightening torque	FS1459 (T15IP) 4 Nm

### Accessories

	D <sub>c</sub> [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			
					HC					HC				HC					HC	HW	HC			HC			
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXM15	WKK10	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		☉	☉	☉	☉	☉	☉																
	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 = ☉

# Face milling cutters

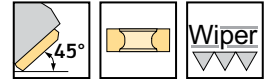
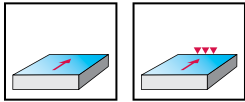
M5009 inch

SN . X1205 ..; XNGX1205ANN

Xtra-tec® XT

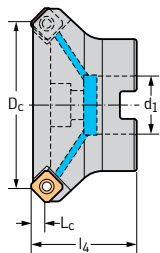


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5009	●	●	●	●	●	●	●

## Tool



Shell mill mount DIN 138 transverse keyway

Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	L <sub>c</sub> 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	10,251	19	

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 <sub>c</sub> [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 <sub>c</sub> [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	WKP255	WKP356	WKP355	WSP456	WXMI5	WSM35G	WSM35S	WSP45G	WXMI5	WAK15	WHH15X	WKK25G	WKK255	WKP255	WKP35G	WKP355	WXMI5	WXNI5	WK10	WSM35G	WSM35S	WSP45G
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...

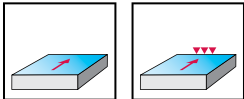
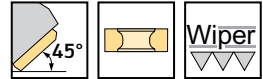
HC = Coated carbide  
HW = Uncoated carbide

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

# 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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>ScrewFit</p>	M5009-040-T36-04-06-AP	40	T36	40	6	4	0,37	4	SN . X1205 .. XNGX1205ANN
	M5009-050-B22-04-06-AP	50	22	40	6	4	0,61	4	SN . X1205 .. XNGX1205ANN
M5009-063-B22-06-06-AP	63	22	40	6	6	0,79	6		
M5009-063-B27-06-06-AP	63	27	50	6	6	0,8	6		
M5009-080-B27-05-06-AP	80	27	50	6	5	1,22	5		
M5009-080-B27-07-06-AP	80	27	50	6	7	1,39	7		
M5009-100-B32-06-06-AP	100	32	50	6	6	1,87	6		
M5009-100-B32-08-06-AP	100	32	50	6	8	2,69	8		
<p>Shell mill mount DIN 138 transverse keyway</p>	M5009-125-B40-07-06-AP	125	40	63	6	7	4,68	7	SN . X1205 .. XNGX1205ANN
	M5009-125-B40-10-06-AP	125	40	63	6	10	3,38	10	
	M5009-160-B40-08-06-AP	160	40	63	6	8	5,19	8	
	M5009-160-B40-12-06-AP	160	40	63	6	12	5,1	12	
<p>Shell mill mount DIN 138 transverse keyway</p>									

M5009...-AP with carbide shim | 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 <sub>c</sub> [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 <sub>c</sub> [mm]	40-125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Key for shim screw	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P					M				K					N		S			H		
					HC					HC				HC					HC	HW	HC			HC		
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WKC10	WSM35G	WSM35S
	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		☉	☉	☉	☉	☉	☉															
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 D 385

# Face milling cutters

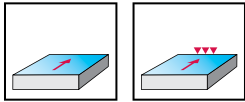
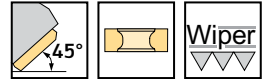
M5009 inch

SN . X1205 ..; XNGX1205ANN

Xtra-tec® XT

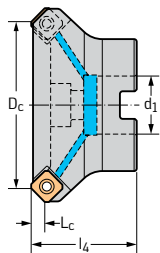


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5009	●	●	●	●	●	●	●

## Tool



Shell mill mount DIN 138 transverse keyway

Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	L <sub>c</sub> 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...-AP with carbide shim | Bodies and assembly parts are included in the scope of delivery

D2

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

D <sub>c</sub> [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 <sub>c</sub> [inch]		2-6
	Torque screwdriver, analogue	FS2003
	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		
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	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		☺	☺	☺	☺			☺														
	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 = ☹

# Face milling cutters

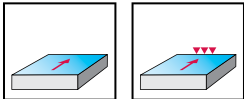
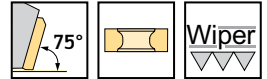
M5011

SN . X1205 ..; XNGX1205ZNN

Xtra-tec® XT



- 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5011	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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	0,43	7	SN . X1205 .. XNGX1205ZNN
	M5011-063-B27-07-08	63	27	50	8	7	0,75	7	
	M5011-080-B27-09-08	80	27	50	8	9	0,99	9	
	M5011-100-B32-11-08	100	32	50	8	11	1,66	11	
	M5011-125-B40-14-08	125	40	63	8	14	3,13	14	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5011-160-B40-18-08	160	40	63	8	18	4,66	18	SN . X1205 .. XNGX1205ZNN

Bodies and assembly parts are included in the scope of delivery

Assembly parts		Type D <sub>c</sub> [mm]	SN . X1205 .. 63-160
	Clamping screw for indexable insert Tightening torque		FS1459 (T15IP) 4 Nm

Accessories		Type D <sub>c</sub> [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	
					HC						HC				HC						HC			HC	
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	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 = beschichtetes Hartmetall

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

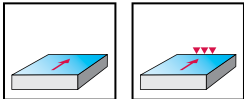
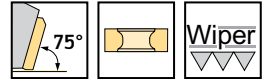
☺ ☺ ☺ / \* = New addition to the product range

D2

## Face milling cutters

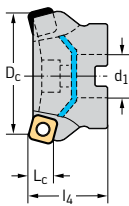
**M5011** mm
**SN . X1205 ..; XNGX1205ZNN**
**Xtra-tec® XT**


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5011	●	●	●	●	●	●	●

### Tool



Shell mill mount DIN 138 transverse keyway

Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
M5011-050-B22-04-08-AP	50	22	40	8	4	0,32	4	SN . X1205 .. XNGX1205ZNN
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	0,99	7	
M5011-100-B32-08-08-AP	100	32	50	8	8	1,67	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

Assembly parts		Type D <sub>c</sub> [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 <sub>c</sub> [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	WSP45G	WXM15	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WSM35G	WSM35S
	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 = beschichtetes Hartmetall

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

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

# Face milling cutters

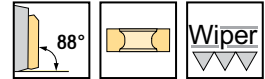
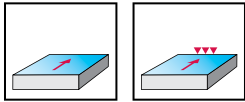
M5012 mm

SN . X0904 ..; XNGX0904ZNN

Xtra-tec® XT

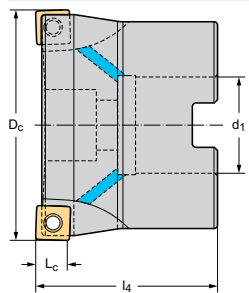


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5012	●	●	●	●	●	●	●

## Tool



Shell mill mount DIN 138 transverse keyway

Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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	0,61	6	
M5012-063-B27-08-08	63	27	50	8	8	0,6	8	
M5012-080-B27-07-08	80	27	50	8	7	1,09	7	
M5012-080-B27-10-08	80	27	50	8	10	1,07	10	
M5012-100-B32-08-08	100	32	50	8	8	1,84	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



### Assembly parts

	D <sub>c</sub> [mm]	40–100
	Clamping screw for indexable insert Tightening torque	FS2579 (T8IP) 1,2 Nm

### Accessories

	D <sub>c</sub> [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		
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WK25G	WK25S	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35G
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 = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

# Face milling cutters

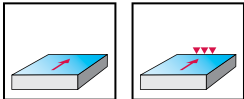
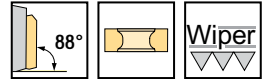
M5012

SN . X1205 ..; XNGX1205ZNN

Xtra-tec® XT



– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5012							

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	M5012-063-B22-07-10	63	22	40	10	7	0,44	7	SN . X1205 .. XNGX1205ZNN
	M5012-063-B27-07-10	63	27	50	10	7	0,66	7	
	M5012-080-B27-09-10	80	27	50	10	9	0,98	9	
	M5012-100-B32-11-10	100	32	50	10	11	1,69	11	
	M5012-125-B40-14-10	125	40	63	10	14	3,23	14	
<p>Shell mill mount DIN 138 transverse keyway</p>	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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [mm]	63–160
	Clamping screw for indexable insert Tightening torque	FS1459 (T15IP) 4 Nm

### Accessories

	D <sub>c</sub> [mm]	63–125	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					N		S			H	
					HC					HC				HC					HC	HW	HC			HC	
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXM15	WKK10	WSM35G
	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 = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

# Face milling cutters

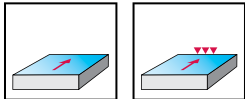
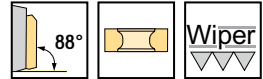
M5012 mm

SN . X1205 ..; XNGX1205ZNN

Xtra-tec® XT



– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5012	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	M5012-050-B22-04-10-AP	50	22	40	10	4	0,33	4	SN . X1205 .. XNGX1205ZNN
	M5012-063-B22-05-10-AP	63	22	40	10	5	0,45	5	
	M5012-063-B27-05-10-AP	63	27	50	10	5	0,68	5	
	M5012-080-B27-07-10-AP	80	27	50	10	7	0,98	7	
	M5012-100-B32-08-10-AP	100	32	50	10	8	1,71	8	
	M5012-125-B40-10-10-AP	125	40	63	10	10	3,27	10	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5012-160-B40-12-10-AP	160	40	63	10	12	4,75	12	SN . X1205 .. XNGX1205ZNN

M5012...-AP with carbide shim | Bodies and assembly parts are included in the scope of delivery

D2

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [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	
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WKN15	WKC10	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		☉	☉	☉	☉	☉	☉	☉																
	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 = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

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

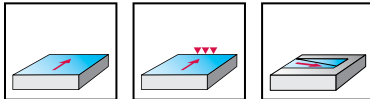
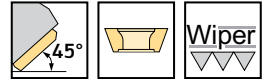
# Face milling cutters

M4003 mm

SD .. 09T3AZN; SDHX09T3AZR



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4003	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>Cylindrical shank</p>	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	
<p>Shell mill mount DIN 138 transverse keyway</p>	M4003-032-B16-04-4.5	32	16	40		4,5	4	0,27	4	SD .. 09T3AZN SDHX09T3AZR
	M4003-032-B16-05-4.5	32	16	40		4,5	5	0,27	5	
	M4003-040-B16-04-4.5	40	16	40		4,5	4	0,36	4	
	M4003-040-B16-06-4.5	40	16	40		4,5	6	0,35	6	
	M4003-050-B22-06-4.5	50	22	40		4,5	6	0,52	6	
	M4003-050-B22-08-4.5	50	22	40		4,5	8	0,51	8	
	M4003-063-B22-07-4.5	63	22	40		4,5	7	0,68	7	
	M4003-063-B22-10-4.5	63	22	40		4,5	10	0,67	10	
	M4003-080-B27-08-4.5	80	27	50		4,5	8	1,24	8	
	M4003-080-B27-12-4.5	80	27	50		4,5	12	1,13	12	
M4003-100-B32-09-4.5	100	32	50		4,5	9	2,02	9		
M4003-100-B32-14-4.5	100	32	50		4,5	14	2,84	14		

Bodies and assembly parts are included in the scope of delivery

### Assembly parts

	D <sub>c</sub> [mm]	20–100
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 2 Nm

### Accessories

	D <sub>c</sub> [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	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WDN20	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X		
SDGT09T3AZN-F57	G	4	0.3	1.4	☺	☺	☺	☺	☺		☺	☺	☺	☺	☺	☺																	
SDGT09T3AZN-G77	G	4	0.3	1.2				☺						☺																			
SDGW09T3AZR-A88	G	1	0.3																				☺										
SDHT09T3AZN-G88	H	4	0.3	1.2																				☺	☺								
SDMT09T3AZN-D57	M	4	0.3	1.2		☺	☺	☺	☺		☺	☺	☺	☺				☺	☺	☺	☺	☺					☺	☺		☺	☺		
SDMT09T3AZN-F57	M	4	0.3	1.4		☺	☺	☺	☺				☺	☺							☺	☺							☺	☺			
SDMW09T3AZN-A57	M	4	0.3	1.2		☺	☺	☺	☺												☺	☺							☺	☺			
SDHX09T3AZR-A88	H	1	0.5	5.6	☺					☺					☺	☺	☺						☺									☺	

HC = beschichtetes Hartmetall  
 DP = Polykristaliner Diamant  
 HW = unbeschichtetes Hartmetall

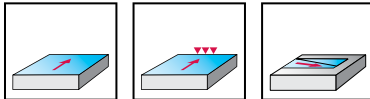
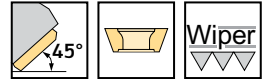
# Face milling cutters

M4003 inch

SD .. 09T3AZN; SDHX09T3AZR



- 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4003	●	●	●	●	●	●	●

## Tool

	Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> 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
	M4003.031-A31-04-4.5	1,250	1,250	1,378	4,331	0,177	4	1,614	4	
<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 <sub>c</sub> [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 <sub>c</sub> [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					HC						DP	HC	HW	HC					HC				
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WDN20	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X			
SDGT09T3AZN-F57	G	4	0,012	0,055	☺	☺	☺	☺	☺		☺	☺	☺	☺	☺					☺	☺	☺												
SDGT09T3AZN-G77	G	4	0,012	0,047																														
SDGW09T3AZR-A88	G	1	0,012																															
SDHT09T3AZN-G88	H	4	0,012	0,047																														
SDMT09T3AZN-D57	M	4	0,012	0,047	☺	☺	☺	☺	☺		☺	☺	☺	☺			☺	☺	☺	☺	☺	☺												
SDMT09T3AZN-F57	M	4	0,012	0,055	☺	☺	☺	☺	☺																									
SDMW09T3AZN-A57	M	4	0,012	0,047	☺	☺	☺	☺																										
SDHX09T3AZR-A88	H	1	0,020	0,22	☺					☺					☺	☺	☺						☺											☺

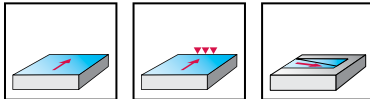
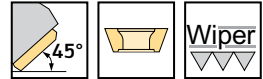
HC = beschichtetes Hartmetall  
 DP = Polykristaliner Diamant  
 HW = unbeschichtetes Hartmetall

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

# 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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> 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	0,65	5	
	M4003-063-B22-07-6.5	63	22	40		6,5	7	0,65	7	
	M4003-080-B27-06-6.5	80	27	50		6,5	6	1,19	6	
	M4003-080-B27-09-6.5	80	27	50		6,5	9	1,28	9	
	M4003-100-B32-07-6.5	100	32	50		6,5	7	2,05	7	
	M4003-100-B32-11-6.5	100	32	50		6,5	11	2,02	11	
	M4003-125-B40-08-6.5	125	40	63		6,5	8	3,43	8	
	M4003-125-B40-13-6.5	125	40	63		6,5	13	3,39	13	
<p>Shell mill mount DIN 138 transverse keyway</p>	M4003-160-B40-09-6.5	160	40	63		6,5	9	4,34	9	SD .. 1204AZN SDHX1204AZR
	M4003-160-B40-15-6.5	160	40	63		6,5	15	4,29	15	

Bodies and assembly parts are included in the scope of delivery

D2

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 🟢 → Good = 🟡 → Moderate = 🟠

### Assembly parts

	D <sub>c</sub> [mm]	25–160
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm

### Accessories

	D <sub>c</sub> [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					HC	HW	HC			HC							
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X		
SDGT1204AZN-F57	G	4	0,3	1,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺																
SDGT1204AZN-G77	G	4	0,3	1,4																												
SDHT1204AZN-G88	H	4	0,3	1,4																				☺	☺							
SDMT1204AZN-D57	M	4	0,3	1,4	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺									
SDMT1204AZN-F57	M	4	0,3	1,8	☺	☺	☺	☺	☺	☺																						
SDMW1204AZN-A57	M	4	0,3	1,4	☺	☺	☺	☺								☺																
SDHX1204AZR-A88	H	1	0,5	7,5	☺					☺						☺	☺	☺						☺								☺

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

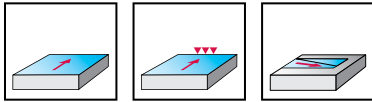
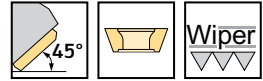
# Face milling cutters

M4003 inch

SD .. 1204AZN; SDHX1204AZR

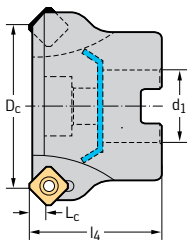


– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4003	●	●	●	●	●	●	●

## Tool



Shell mill mount DIN 138 transverse keyway

Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	L <sub>c</sub> 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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

D <sub>c</sub> [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 <sub>c</sub> [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					HC					HC	HW	HC			HC						
					WHH15X	WKP255	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP255	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X	
SDGT1204AZN-F57	G	4	0,012	0,071	☺	☺	☺	☺	☺		☺	☺				☺				☺	☺	☺				☺	☺		☺		
SDGT1204AZN-G77	G	4	0,012	0,055																											
SDHT1204AZN-G88	H	4	0,012	0,055																				☺	☺						
SDMT1204AZN-D57	M	4	0,012	0,055	☺	☺	☺	☺			☺	☺				☺	☺	☺	☺	☺	☺	☺				☺	☺		☺		
SDMT1204AZN-F57	M	4	0,012	0,071	☺	☺	☺	☺					☺	☺						☺	☺	☺						☺			
SDMW1204AZN-A57	M	4	0,012	0,055	☺	☺	☺	☺								☺				☺	☺	☺						☺			
SDHX1204AZR-A88	H	1	0,020	0,297	☺					☺					☺	☺	☺						☺								☺

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

### WALTER SELECT

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

# Heptagon face milling cutters

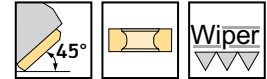
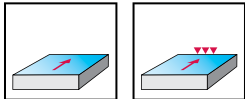
M3024

XN . U0705 ..; XNGX0705ANN

Walter BLAXX



- 14 cutting edges per indexable insert



	P	M	K	N	S	H	O
M3024	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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	0,84	6	
	M3024-080-B27-06-04	80	89,8	27	50	4	6	1,46	6	
	M3024-080-B27-07-04	80	89,8	27	50	4	7	1,45	7	
	M3024-100-B32-07-04	100	109,8	32	50	4	7	2,71	7	
	M3024-100-B32-08-04	100	109,8	32	50	4	8	2,66	8	
	M3024-125-B40-08-04	125	134,8	40	63	4	8	4,22	8	
<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	6,54	12	

Bodies and assembly parts are included in the scope of delivery

### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [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									
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WSM35G	WSM35S	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 = ⊕

# Heptagon face milling cutters

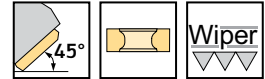
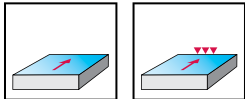
M3024 inch

XN . U0705 ..; XNGX0705ANN

Walter BLAXX

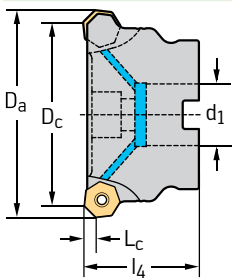


– 14 cutting edges per indexable insert



	P	M	K	N	S	H	O
M3024	●●	●●	●●	●●	●●	●●	●●

## Tool



Shell mill mount DIN 138 transverse keyway

Designation	D <sub>c</sub> inch	D <sub>a</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	L <sub>c</sub> 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



**Assembly parts**

D <sub>c</sub> [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 <sub>c</sub> [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
					W	K	W	W	W	W	W	W	W	W	W	W	W	W
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

# Heptagon face milling cutters

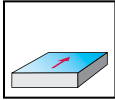
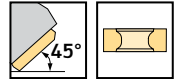
M3024

XN . U0906 ..; XNGX0906ANN

Walter BLAXX



- 14 cutting edges per indexable insert



	P	M	K	N	S	H	O
M3024	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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	4,24	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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [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		
				WKP255	WKP35G	WKP355	WSP45G	WSM355	WSM45X	WSP45G	WKK25G	WKK25S	WKP255	WKP35G	WKP355	WSM355	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 = beschichtetes Hartmetall

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

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

# Heptagon face milling cutters

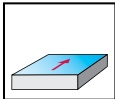
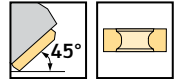
M3024 inch

XN . U0906 ..; XNGX0906ANN

Walter BLAXX



– 14 cutting edges per indexable insert



	P	M	K	N	S	H	O
M3024	●●	●●	●●	●●	●●	●●	●●

Tool	Designation	D <sub>c</sub> inch	D <sub>a</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	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	
<p>Shell mill mount DIN 138 transverse keyway</p>	M3024.152-B38-09-06	6,000	6,506	1,500	2,48	0,236	9	15,684	9	XN . U0906 .. XNGX0906ANN

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 <sub>c</sub> [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 <sub>c</sub> [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			
				WKP255	WKP35G	WKP35S	WSP45G	WSM35S	WSM45X	WSP45G	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35S	WSM45X	WSP45G
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 = beschichtetes Hartmetall

# Heavy Duty Face Mill

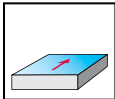
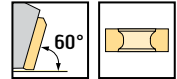
M3016

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 <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
	M3016-125-B40-06-16	125	143,6	40	63	16	6	5,24	6	LNMX201012R
	M3016-160-B40-07-16	160	178,6	40	63	16	7	6,38	7	
	M3016-200-B60-09-16	200	218,6	60	63	16	9	11,35	9	LNMX201012R
	M3016-250-B60-11-16	250	268,6	60	63	16	11	16	11	
	M3016-315-B60-13-16	315	333,6	60	80	16	13	32	13	LNMX201012R

Shell mill mount DIN 138 transverse keyway

Shell mill mount DIN 138 transverse keyway

Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [mm]	125–315
	Clamping screw for indexable insert Tightening torque	FS2090 (T20IP) 6,4 Nm
	Clamping screw for stop piece Tightening torque	FS2081 (T15IP) 4 Nm
	Stop piece	FR753

### Accessories

	D <sub>c</sub> [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
				WC	HC	HC	HC	HC	
	M	4	1.2	WKP25S	WKP35G	WSP45G	WKP25S	WKP35G	WSP45G
	M	4	1.2	WKP35S	WSP45G	WKP35S	WKP35S	WSP45G	WSP45G

HC = beschichtetes Hartmetall

WALTER SELECT

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

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

Face milling cutters D 415

# Heptagon face milling cutters

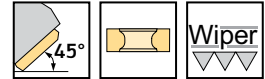
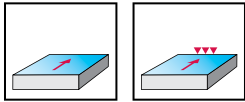
F4045

XNHF0705 ..; XNHX0705ANN

Xtra-tec®

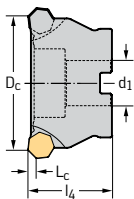


- 14 cutting edges per indexable insert



	P	M	K	N	S	H	O
F4045			●●			●	

## Tool



Shell mill mount DIN 138 transverse keyway

Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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	3,45	18	

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 <sub>c</sub> [mm]	63–125
	Clamping wedge	FK374
	Clamping screw for clamping wedge	FS2134 (T15IP) 6 Nm

### Accessories

	D <sub>c</sub> [mm]	63–125
	Torque T-handle	FS2041
	Interchangeable blade for clamping wedge	FS2047 (T15IP)
	Screwdriver	FS1485 (T15IP)

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P			K						H	
					HC			HC						HC	
					WKP25S	WKP35G	WKP35S	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WHH15X
	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

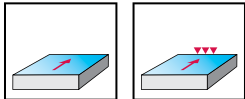
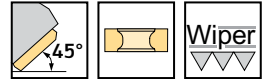
F4045

XNHF0906 ..; XNHX0906ANN

Xtra-tec®



- 14 cutting edges per indexable insert



	P	M	K	N	S	H	O
F4045			●			●	

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F4045.B40.125.Z16.06	125	40	63	6	16	3,95	16	XNHF0906 .. XNHX0906ANN
<p>Shell mill mount DIN 138 transverse keyway</p>	F4045.B40.160.Z20.06	160	40	63	6	20	6,3	20	XNHF0906 .. XNHX0906ANN

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 <sub>c</sub> [mm]	125–160
	Clamping wedge	FK375
	Clamping screw for clamping wedge	FS2157 (T25IP) 6 Nm

### Accessories

	D <sub>c</sub> [mm]	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	WKP25S	WKP35G	WKP35S	WAK15	WHH15X	HC		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		☺	☺					☺	☺	☺	☺	☺	
	XNHF0906ANN-D27	H	14	0.8	1.4	☺	☺	☺				☺	☺	☺	☺	☺	
	XNHF0906ANN-D57	H	14	0.8	1.4	☺	☺	☺				☺	☺	☺	☺	☺	
	XNHX0906ANN-D67	H	2	0.6	7.5				☺	☺							☺

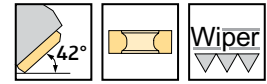
XNHX0906ANN-D67 wiper insert only in combination with XNHF090612...

HC = Coated carbide

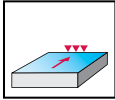
# Octagonal Finishing Face Mill

## M2025 / M2026

### ONHF050408



– 16 cutting edges per indexable insert



	P	M	K	N	S	H	O
M2025			●●			●	
M2026			●●			●	

Tool	Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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 3	ONHF050408 P45424-1-G67
	M2025-100-B32-15-03	100	108	32	50	3	15	1,97	12 3	ONHF050408 P45424-1-G67
M2025-125-B40-18-03	125	133	40	63	3	18	4,16	15 3		
M2025-160-B40-21-03	160	168	40	63	3	21	5,94	18 3		
 Shell mill mount DIN 138 transverse keyway	M2026-200-B60-27-03	200	208	60	63	3	27	9,29	24 3	ONHF050408 P45424-2-G67
	M2026-250-B60-33-03	250	258	60	63	3	33	15,22	30 3	

\*Example: Z = 9 + 3 (9 roughing inserts + 3 wiper cutting edges) | 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	ONHF050408
	Clamping wedge		FK379
	Clamping screw for clamping wedge		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		
						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 = beschichtetes Hartmetall

WALTER SELECT

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

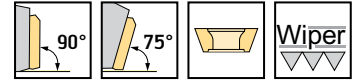
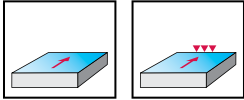
☺ ☹ ☹☹ / \* = New addition to the product range

Face milling cutters D 421

# 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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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	1,32	7	

Shell mill mount DIN 138 transverse keyway

Pre-balanced tools | D<sub>c</sub> 80–100 mm, basic body made of steel; D<sub>c</sub> 125–200 mm, basic body made of aluminium | \*Approach angle κ = 75° (EDR) / κ = 90° (PDR) | 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 <sub>c</sub> [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	FS1145 (SW 2,5) 3,5 Nm

### Accessories

	D <sub>c</sub> [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	WCD10	N
					DP
 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

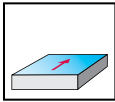
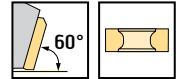
# Heavy Duty Face Mill

F2260 mm

LNMU150812



- Tangential arrangement of indexable inserts
- 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2260	●		●●				

Tool		Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊



### Assembly parts

	D <sub>c</sub> [mm]	100–250
	Clamping screw for indexable insert Tightening torque	FS1009 (T20) 5 Nm

### Accessories

	D <sub>c</sub> [mm]	100–250
	Screwdriver for indexable insert	FS228 (T20)
	Torque T-handle	FS2041
	Interchangeable blade	FS2044 (T20)

### Indexable inserts

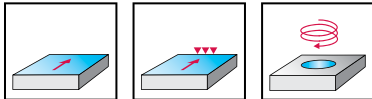
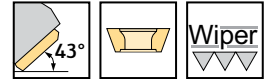
Designation	Tolerance class	Number of cutting edges	r mm	P		M	K		S				
				HC		HC	HC		HC				
				WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WAK15	WKP25S	WKP35G	WKP35S	WSP45G
LNMU150812-F57T	M	4	1.2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNMU150812T-F27T	M	4	1.2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = beschichtetes Hartmetall

# 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 <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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	9,75	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 = 😊

D2

### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [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				
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	CN	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X	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 . .

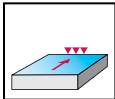
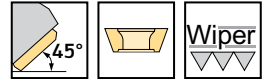
HC = Coated carbide  
CN = Silicon nitride Si<sub>3</sub>N<sub>4</sub>  
HW = Uncoated carbide

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

# 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 <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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 = 😊

D2

### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [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
				WH15X	HC	WXM15	HC	WAK15	HC	WXM15
ODHX0605ZZN-A57	H	8	6	☺	☺	☺	☺	☺	☺	☺
ODHX0605ZZN-A88	H	8	6	☺	☺	☺	☺	☺	☺	☺

HC = beschichtetes Hartmetall

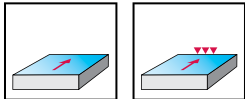
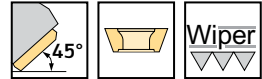
#### WALTER SELECT

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

# 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 <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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	
	<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.160.Z10.06.R758M	160	174	40	63	6	10	5,5	10
F2010.B.200.Z12.06.R758M		200	214	60	63	6	12	8,3	12	
F2010.B.250.Z12.06.R758M		250	264	60	63	6	12	14,7	12	
F2010.B.250.Z16.06.R758M		250	264	60	63	6	16	14,6	16	
<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	

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 <sub>c</sub> [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 <sub>c</sub> [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			H		
					HC						HC					HC					HC	HW	HC			HC		
					WHH15X	WKP255	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP255	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35G	WSM35S	WSM45X
SDGT1204AZN-F57	G	4	0,3	1,8	☺	☺	☺	☺	☺	☺	☺	☺																
SDGT1204AZN-G77	G	4	0,3	1,4					☺																			
SDHT1204AZN-G88	H	4	0,3	1,4																	☺	☺						
SDMT1204AZN-D57	M	4	0,3	1,4		☺	☺	☺	☺																			
SDMT1204AZN-F57	M	4	0,3	1,8		☺	☺	☺	☺																			
SDMW1204AZN-A57	M	4	0,3	1,4		☺	☺	☺	☺																			
SDHX1204AZR-A88	H	1	0,5	7,5	☺							☺	☺	☺							☺							☺

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

WALTER SELECT

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

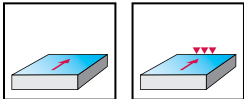
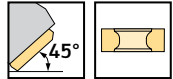
☺ ☹ ☹☹ / \* = New addition to the product range

Face milling cutters D 431

# 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 <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	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
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.125.Z08.06.R720M	125	139	40	63	6,5	8	3,62	8	
	<p>Shell mill mount DIN 138 transverse keyway</p>	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	
<p>Shell mill mount DIN 138 transverse keyway</p>	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 = 😊



### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [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	HW	HC		HC					
					WHH15X	WKP255	WKP356	WKP355	WSP45G	WXMI5	WSM35G	WSM35S	WSP45G	WXMI5	WAK15	WHH15X	WKK25G	WKK25S	WKP255	WKP356	WKP355	WXMI5	WXNI5	WK10	WSM35G	WSM35S
	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	☉					☉	☉	☉					☉							☉	

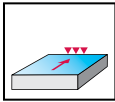
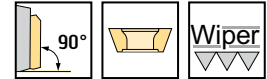
HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

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

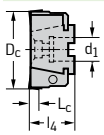
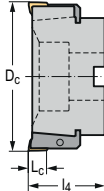
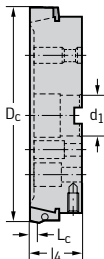
# Face milling cutters

**F2010** 
**P2903-2R**


- Adjustable runout
- 3 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
 <p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.080.Z06.09.R500M	80		27	50	9	6	1,15	6	P2903-2R
	F2010.B.100.Z07.09.R500M	100		32	50	9	7	1,15	7	P2903-2R
 <p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.125.Z08.09.R500M	125		40	63	9	8	3,31	8	
	F2010.B.160.Z10.09.R500M	160		40	63	9	10	5,27	10	P2903-2R
	F2010.B.200.Z12.09.R500M	200		60	63	9	12	9,5	12	
F2010.B.250.Z16.09.R500M	250		60	63	9	16	16,5	16		
 <p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.315.Z14.09.R500M	315		60	80	9	14	27,63	14	P2903-2R
	F2010.B.315.Z18.09.R500M	315		60	80	9	18	27,35	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 <sub>c</sub> [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 <sub>c</sub> [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

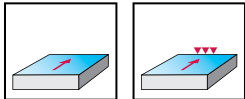
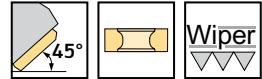
Designation	Tolerance class	Number of cutting edges	b mm	P	M	K	N	H
				WHH15X HC	WXM15 HC	WAK15 HC	WHH15X HC	WXM15 HW
 P2903-2R	A	3	3,5	☺	☺	☺	☺	☺

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

# 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 <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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	
	F2010.B.160.Z10.04.R759M	160	170	40	63	4	10	5,5	10	XN . U0705 .. XNGX0705ANN
	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

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [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		HC										
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WSM35G	WSM35S	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 = ☉

# High-feed milling cutter

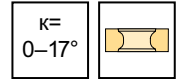
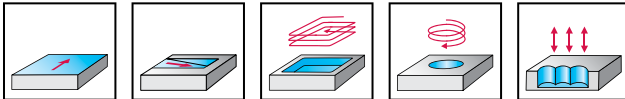
M5008 mm

ENMX08T316R

Xtra-tec® XT



– 4 cutting edges per indexable insert



M5008	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

## Tool

	Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	a <sub>r</sub> mm	Z	kg	No. of inserts	Type
ScrewFit	M5008-016-T14-02-01	10,1	16	T14	25		1	2,9	2	0,03	2	ENMX08T316R
	M5008-020-T18-03-01	14,1	20	T18	30		1	2,9	3	0,05	3	
	M5008-020-T18-04-01	14,1	20	T18	30		1	2,9	4	0,05	4	
	M5008-025-T22-04-01	19,1	25	T22	35		1	2,9	4	0,09	4	
	M5008-025-T22-05-01	19,1	25	T22	35		1	2,9	5	0,09	5	
	M5008-030-T28-04-01	24,1	30	T28	40		1	2,9	4	0,17	4	
	M5008-030-T28-05-01	24,1	30	T28	40		1	2,9	5	0,17	5	
	M5008-032-T28-05-01	26,1	32	T28	40		1	2,9	5	0,18	5	
	M5008-032-T28-06-01	26,1	32	T28	40		1	2,9	6	0,18	6	
	M5008-035-T28-05-01	29,1	35	T28	40		1	2,9	5	0,2	5	
	M5008-035-T28-06-01	29,1	35	T28	40		1	2,9	6	0,2	6	
	M5008-040-T36-06-01	34,1	40	T36	40		1	2,9	6	0,33	6	
M5008-040-T36-08-01	34,1	40	T36	40		1	2,9	8	0,32	8		
M5008-042-T36-06-01	36,1	42	T36	40		1	2,9	6	0,34	6		
M5008-042-T36-08-01	36,1	42	T36	40		1	2,9	8	0,33	8		
Cylindrical modular	M5008-016-TC08-02-01	10,1	16	M8	25		1	2,9	2	0,03	2	ENMX08T316R
	M5008-020-TC10-03-01	14,1	20	M10	30		1	2,9	3	0,04	3	
	M5008-020-TC10-04-01	14,1	20	M10	30		1	2,9	4	0,04	4	
	M5008-025-TC12-04-01	19,1	25	M12	35		1	2,9	4	0,08	4	
	M5008-025-TC12-05-01	19,1	25	M12	35		1	2,9	5	0,08	5	
	M5008-030-TC16-04-01	24,1	30	M16	40		1	2,9	4	0,16	4	
	M5008-030-TC16-05-01	24,1	30	M16	40		1	2,9	5	0,16	5	
	M5008-032-TC16-05-01	26,1	32	M16	40		1	2,9	5	0,17	5	
	M5008-032-TC16-06-01	26,1	32	M16	40		1	2,9	6	0,17	6	
	M5008-035-TC16-05-01	29,1	35	M16	40		1	2,9	5	0,19	5	
	M5008-035-TC16-06-01	29,1	35	M16	40		1	2,9	6	0,2	6	
	M5008-040-TC16-06-01	34,1	40	M16	40		1	2,9	6	0,22	6	
M5008-040-TC16-08-01	34,1	40	M16	40		1	2,9	8	0,23	8		
M5008-042-TC16-06-01	36,1	42	M16	40		1	2,9	6	0,24	6		
M5008-042-TC16-08-01	36,1	42	M16	40		1	2,9	8	0,25	8		
Cylindrical shank	M5008-016-A16-02-01	10	16	16	30	100	1	2,9	2	0,13	2	ENMX08T316R
	M5008-020-A20-03-01	14,1	20	20	50	130	1	2,9	3	0,27	3	
	M5008-020-A20-04-01	14,1	20	20	50	130	1	2,9	4	0,27	4	
	M5008-025-A25-04-01	19,1	25	25	60	140	1	2,9	4	0,47	4	
	M5008-025-A25-05-01	19,1	25	25	60	140	1	2,9	5	0,46	5	
	M5008-032-A32-05-01	26,1	32	32	70	150	1	2,9	5	0,84	5	
M5008-032-A32-06-01	26,1	32	32	70	150	1	2,9	6	0,83	6		

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 <sub>a</sub> [mm]	16-66
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm

### Accessories

	D <sub>a</sub> [mm]	16-66
	Torque screwdriver, analogue	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	P				M				K				S				H		
				HC				HC				HC				HC				HC		
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X	
ENMX08T316R-D27	M	4	1.6	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
ENMX08T316R-F47	M	4	1.6	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒

HC = beschichtetes Hartmetall

# High-feed milling cutter

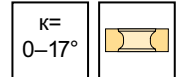
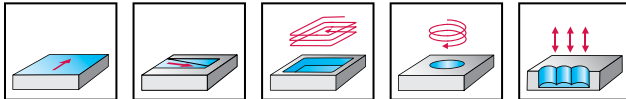
M5008

ENMX08T316R

Xtra-tec® XT

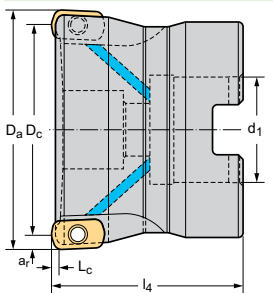


– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5008	●	●	●	●	●	●	●

## Tool



Shell mill mount DIN 138 transverse keyway

Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	a <sub>r</sub> mm	Z	 kg	No. of inserts	Type
M5008-032-B16-05-01	26,1	32	16	40		1	2,9	5	0,13	5	ENMX08T316R
M5008-032-B16-06-01	26,1	32	16	40		1	2,9	6	0,13	6	
M5008-035-B16-05-01	29,1	35	16	40		1	2,9	5	0,14	5	
M5008-035-B16-06-01	29,1	35	16	40		1	2,9	6	0,15	6	
M5008-040-B16-06-01	34,1	40	16	40		1	2,9	6	0,2	6	
M5008-040-B16-08-01	34,1	40	16	40		1	2,9	8	0,21	8	
M5008-042-B16-06-01	36,1	42	16	40		1	2,9	6	0,23	6	
M5008-042-B16-08-01	36,1	42	16	40		1	2,9	8	0,23	8	
M5008-050-B22-07-01	44,1	50	22	40		1	2,9	7	0,36	7	
M5008-050-B22-09-01	44,1	50	22	40		1	2,9	9	0,36	9	
M5008-052-B22-07-01	46,1	52	22	40		1	2,9	7	0,38	7	
M5008-052-B22-09-01	46,1	52	22	40		1	2,9	9	0,38	9	
M5008-063-B22-08-01	57,1	63	22	40		1	2,9	8	0,52	8	
M5008-063-B22-10-01	57,1	63	22	40		1	2,9	10	0,51	10	
M5008-066-B27-08-01	60,1	66	27	50		1	2,9	8	0,82	8	
M5008-066-B27-10-01	60,1	66	27	50		1	2,9	10	0,81	10	

Bodies and assembly parts are included in the scope of delivery



### Assembly parts

	D <sub>a</sub> [mm]	16-66
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm

### Accessories

	D <sub>a</sub> [mm]	16-66
	Torque screwdriver, analogue	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	P				M				K				S				H			
				HC				HC				HC				HC				HC			
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X	HC	
ENMX08T316R-D27	M	4	1.6	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
ENMX08T316R-F47	M	4	1.6		☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒

HC = beschichtetes Hartmetall

# High-feed milling cutter

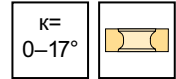
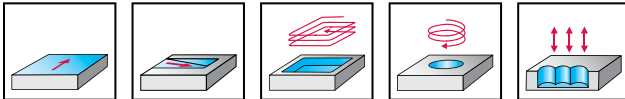
M5008 inch

ENMX08T316R

Xtra-tec® XT



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5008	●	●	●	●	●	●	●

## Tool

	Designation	D <sub>c</sub> inch	D <sub>a</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	a <sub>r</sub> inch	Z	lbs	No. of inserts	Type
<p>ScrewFit</p>	M5008.015-T14-02-01	0,394	0,625	T14	0,984		0,039	0,114	2	0,064	2	ENMX08T316R
	M5008.019-T18-03-01	0,516	0,750	T18	1,181		0,039	0,114	3	0,099	3	ENMX08T316R
	M5008.026-T22-04-01	0,768	1,000	T22	1,378		0,039	0,114	4	0,201	4	ENMX08T316R
	M5008.026-T22-05-01	0,768	1,000	T22	1,378		0,039	0,114	5	0,196	5	ENMX08T316R
	M5008.031-T28-05-01	1,016	1,250	T28	1,575		0,039	0,114	5	0,408	5	ENMX08T316R
	M5008.031-T28-06-01	1,016	1,250	T28	1,575		0,039	0,114	6	0,397	6	ENMX08T316R
	M5008.038-T36-06-01	1,268	1,500	T36	1,575		0,039	0,114	6	0,705	6	ENMX08T316R
	M5008.038-T36-08-01	1,268	1,500	T36	1,575		0,039	0,114	8	0,69	8	ENMX08T316R
<p>Cylindrical shank</p>	M5008.015-A15-02-01	0,394	0,625	0,625	1,000	4,000	0,039	0,114	2	0,295	2	ENMX08T316R
	M5008.019-A19-03-01	0,516	0,750	0,750	1,000	5,000	0,039	0,114	3	0,542	3	ENMX08T316R
	M5008.026-A26-04-01	0,768	1,000	1,000	1,000	5,500	0,039	0,114	4	1,107	4	ENMX08T316R
	M5008.026-A26-05-01	0,768	1,000	1,000	1,000	5,500	0,039	0,114	5	1,096	5	ENMX08T316R
<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	0,397	6	ENMX08T316R
	M5008.038-B19-08-01	1,268	1,500	0,750	1,500		0,039	0,114	8	0,384	8	ENMX08T316R
	M5008.051-B19-07-01	1,768	2,000	0,750	1,500		0,039	0,114	7	0,591	7	ENMX08T316R
	M5008.051-B19-09-01	1,768	2,000	0,750	1,500		0,039	0,114	9	0,584	9	ENMX08T316R
	M5008.064-B26-08-01	2,268	2,500	1,000	1,577		0,039	0,114	8	1,166	8	ENMX08T316R
	M5008.064-B26-10-01	2,268	2,500	1,000	1,577		0,039	0,114	10	1,146	10	ENMX08T316R

Bodies and assembly parts are included in the scope of delivery

### Assembly parts

	D <sub>a</sub> [inch]	0,625–1,25	1,5–2	2,5
	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 <sub>a</sub> [inch]	0,625–2,5
	Torque screwdriver, analogue	FS2002
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	P				M				K				S				H		
				HC				HC				HC				HC				HC		
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X	
	M	4	0,063	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
ENMX08T316R-D27	M	4	0,063	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
ENMX08T316R-F47	M	4	0,063	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒

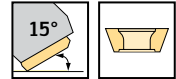
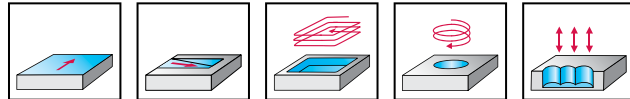
HC = beschichtetes Hartmetall

# High-feed milling cutter

## M4002 mm

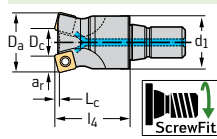


– 4 cutting edges per indexable insert



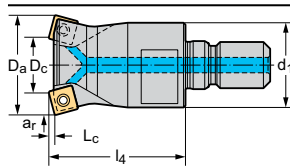
M4002	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

### Tool

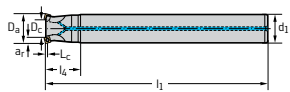


ScrewFit

Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	a <sub>r</sub> mm	Z	kg	No. of inserts	Type
M4002-020-T18-02-01	8,4	20	T18	30		1	6	2	0,07	2	SD .. 06T2 .. SDM .. 06T2ZDR
M4002-025-T22-02-01,5	8,3	25	T22	40		1,5	8	2	0,11	2	SD .. 09T3 .. SDMX0904ZDR
M4002-025-T22-03-01	13,4	25	T22	35		1	6	3	0,12	3	SD .. 06T2 .. SDM .. 06T2ZDR
M4002-032-T28-03-01,5	15,3	32	T28	40		1,5	8	3	0,16	3	SD .. 09T3 .. SDMX0904ZDR
M4002-032-T28-04-01	20,4	32	T28	40		1	6	4	0,22	4	SD .. 06T2 .. SDM .. 06T2ZDR
M4002-035-T28-03-01,5	18,3	35	T28	40		1,5	8	3	0,2	3	SD .. 09T3 .. SDMX0904ZDR
M4002-040-T36-04-01,5	23,3	40	T36	40		1,5	8	4	0,31	4	
M4002-042-T36-03-01,5	25,3	42	T36	40		1,5	8	3	0,3	3	
M4002-020-TC10-02-01	8,4	20	M10	30		1	6	2	0,06	2	SD .. 06T2 .. SDM .. 06T2ZDR
M4002-025-TC12-02-01,5	8,09	25	M12	40		1,5	8	2	0,09	2	SD .. 09T3 .. SDMX0904ZDR
M4002-025-TC12-03-01	13,4	25	M12	35		1	6	3	0,1	3	SD .. 06T2 .. SDM .. 06T2ZDR
M4002-032-TC16-03-01,5	15,09	32	M16	40		1,5	8	3	0,14	3	SD .. 09T3 .. SDMX0904ZDR
M4002-032-TC16-04-01	20,4	32	M16	40		1	6	4	0,19	4	SD .. 06T2 .. SDM .. 06T2ZDR
M4002-035-TC16-03-01	23,4	35	M16	40		1	6	3	0,21	3	
M4002-035-TC16-03-01,5	18,09	35	M16	40		1,5	8	3	0,16	3	SD .. 09T3 .. SDMX0904ZDR
M4002-035-TC16-04-01	23,4	35	M16	40		1	6	4	0,21	4	SD .. 06T2 .. SDM .. 06T2ZDR
M4002-020-A20-02-01	8,4	20	20	30	200	1	6	2	0,49	2	SD .. 06T2 .. SDM .. 06T2ZDR
M4002-025-A25-03-01	13,4	25	25	35	200	1	6	3	0,76	3	
M4002-032-A32-04-01	20,4	32	32	40	250	1	6	4	1,5	4	



Cylindrical modular



Cylindrical shank

\*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			
					WKP255	WKP35G	WKP35S	WSP45G	WSP35G	WSP35S	WSP45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WKN15	WKC10	WSP35G	WSP35S	WSP45X
SDHT06T204-G88	H	4	0,4												⊕	⊕							
SDMT06T204-D57	M	4	0,4		⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		
SDMT06T204-F57	M	4	0,4		⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		
SDMT06T208-F57	M	4	0,8																				
SDMT06T212-F57	M	4	1,2																				
SDMW06T204-A57	M	4	0,4		⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		
SDHT09T308-G88	H	4	0,8												⊕	⊕							
SDMT09T308-D57	M	4	0,8		⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		
SDMT09T308-F57	M	4	0,8		⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		
SDMT09T312-F57	M	4	1,2																				
SDMT09T316-F57	M	4	1,6																				
SDMT09T320-F57	M	4	2																				
SDMW09T308-A57	M	4	0,8		⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		
SDMW09T320-A57	M	4	2							⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		
SDMX0904ZDR-E27	M	4	1	0,8		⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		
SDMX0904ZDR-E57	M	4	1	0,8		⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		
SDHT120408-G88	H	4	0,8												⊕	⊕							
SDMT120408-D57	M	4	0,8		⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		
SDMT120408-F57	M	4	0,8		⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		
SDMT120412-F57	M	4	1,2																				
SDMT120416-F57	M	4	1,6																				
SDMT120420-F57	M	4	2																				
SDMT120425-F57	M	4	2,5																				
SDMW120408-A57	M	4	0,8		⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		
SDMW120425-A57	M	4	2,5							⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		
SDMX1205ZDR-E27	M	4	2	1,2		⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		
SDMX1205ZDR-E57	M	4	2	1,2		⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		
SDMT06T2ZDR-D57	M	4	0,4	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		
SDMT09T3ZDR-D57	M	4	0,8	1,2	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		
SDMT1204ZDR-D57	M	4	0,8	1,8	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕		

For SD..120425 indexable inserts, the circumference of the body must be reworked.

$R_{(body)} = r_{(indexable insert)}$

HC = Coated carbide  
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ⊕ → Good = ⊕ → Moderate = ⊕

⊕ ⊕ ⊕ / \* = New addition to the product range

High-feed milling cutter D 445

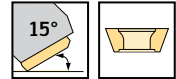
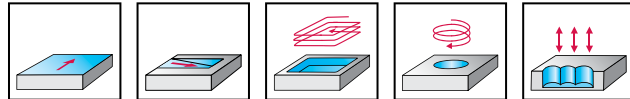
D2

# High-feed milling cutter

## M4002 mm

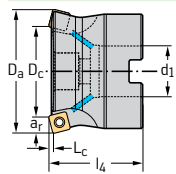


– 4 cutting edges per indexable insert



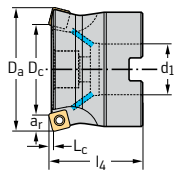
M4002	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

### Tool



Shell mill mount DIN 138 transverse keyway

Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	a <sub>r</sub> mm	Z	kg	No. of inserts	Type
M4002-040-B16-05-01	28,4	40	16	40		1	6	5	0,22	5	SD .. 06T2 .. SDM .. 06T2ZDR
M4002-042-B16-04-01,5	25,3	42	16	40		1,5	8	4	0,2	4	SD .. 09T3 .. SDMX0904ZDR
M4002-050-B22-04-02	27,2	50	22	40		2	11	4	0,29	4	SD .. 1204 .. SDMX1205ZDR
M4002-050-B22-05-01,5	33,3	50	22	40		1,5	8	5	0,29	5	SD .. 09T3 .. SDMX0904ZDR
M4002-050-B22-05-02	27,2	50	22	40		2	11	5	0,29	5	SD .. 1204 .. SDMX1205ZDR
M4002-052-B22-04-01,5	35,3	52	22	40		1,5	8	4	0,37	4	SD .. 09T3 .. SDMX0904ZDR
M4002-052-B22-04-02	29,2	52	22	40		2	11	4	0,32	4	SD .. 1204 .. SDMX1205ZDR
M4002-052-B22-05-01,5	35,3	52	22	40		1,5	8	5	0,34	5	SD .. 09T3 .. SDMX0904ZDR
M4002-052-B22-05-02	29,2	52	22	40		2	11	5	0,35	5	SD .. 1204 .. SDMX1205ZDR
M4002-052-B22-06-01	40,4	52	22	40		1	6	6	0,41	6	SD .. 06T2 .. SDM .. 06T2ZDR
M4002-063-B22-05-02	40,2	63	22	40		2	11	5	0,4	5	SD .. 1204 .. SDMX1205ZDR
M4002-063-B22-06-01,5	46,3	63	22	50		1,5	8	6	0,51	6	SD .. 09T3 .. SDMX0904ZDR
M4002-063-B22-06-02	40,2	63	22	40		2	11	6	0,4	6	SD .. 1204 .. SDMX1205ZDR
M4002-066-B27-04-02	43,2	66	27	50		2	11	4	0,79	4	SD .. 1204 .. SDMX1205ZDR
M4002-066-B27-05-01,5	49,3	66	27	50		1,5	8	5	0,8	5	SD .. 09T3 .. SDMX0904ZDR
M4002-066-B27-05-02	43,2	66	27	50		2	11	5	0,57	5	SD .. 1204 .. SDMX1205ZDR
M4002-066-B27-06-01,5	49,3	66	27	50		1,5	8	6	0,79	6	SD .. 09T3 .. SDMX0904ZDR
M4002-066-B27-06-02	43,2	66	27	50		2	11	6	0,53	6	SD .. 1204 .. SDMX1205ZDR
M4002-080-B27-06-02	57,2	80	27	50		2	11	6	0,96	6	
M4002-080-B27-08-02	57,2	80	27	50		2	11	8	0,98	8	
M4002-085-B27-05-02	62,2	85	27	50		2	11	5	1,5	5	
M4002-085-B27-06-02	62,2	85	27	50		2	11	6	1,41	6	
M4002-085-B27-08-02	62,2	85	27	50		2	11	8	1,53	8	
M4002-100-B32-07-02	77,2	100	32	60		2	11	7	2,01	7	
M4002-100-B32-09-02	77,2	100	32	60		2	11	9	2	9	
M4002-125-B40-08-02	102,2	125	40	60		2	11	8	3,02	8	



Shell mill mount DIN 138 transverse keyway

\*Measured using SDM.06T204, SDM.09T308, SDM.120408 | Bodies and assembly parts are included in the scope of delivery

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

## Assembly parts

		SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Type Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

## Accessories

		SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Type Torque screwdriver, analogue	FS2001	FS2003	FS2003
	Type Torque screwdriver, digital		FS2248	FS2248
	Type Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Type 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			
					WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM35S
SDHT06T204-G88	H	4	0,4																			
SDMT06T204-D57	M	4	0,4		+	+	+	+														
SDMT06T204-F57	M	4	0,4		+	+	+	+														
SDMT06T208-F57	M	4	0,8		+	+	+	+														
SDMT06T212-F57	M	4	1,2		+	+	+	+														
SDMW06T204-A57	M	4	0,4		+	+	+	+														
SDHT09T308-G88	H	4	0,8														+	+				
SDMT09T308-D57	M	4	0,8		+	+	+	+														
SDMT09T308-F57	M	4	0,8		+	+	+	+														
SDMT09T312-F57	M	4	1,2		+	+	+	+														
SDMT09T316-F57	M	4	1,6		+	+	+	+														
SDMT09T320-F57	M	4	2		+	+	+	+														
SDMW09T308-A57	M	4	0,8		+	+	+	+														
SDMW09T320-A57	M	4	2		+	+	+	+														
SDMX0904ZDR-E27	M	4	1	0,8																		
SDMX0904ZDR-E57	M	4	1	0,8																		
SDHT120408-G88	H	4	0,8																			
SDMT120408-D57	M	4	0,8		+	+	+	+														
SDMT120408-F57	M	4	0,8		+	+	+	+														
SDMT120412-F57	M	4	1,2		+	+	+	+														
SDMT120416-F57	M	4	1,6		+	+	+	+														
SDMT120420-F57	M	4	2		+	+	+	+														
SDMT120425-F57	M	4	2,5		+	+	+	+														
SDMW120408-A57	M	4	0,8		+	+	+	+														
SDMW120425-A57	M	4	2,5		+	+	+	+														
SDMX1205ZDR-E27	M	4	2	1,2																		
SDMX1205ZDR-E57	M	4	2	1,2																		
SDMT06T2ZDR-D57	M	4	0,4	1,2																		
SDMT09T3ZDR-D57	M	4	0,8	1,2																		
SDMT1204ZDR-D57	M	4	0,8	1,8																		

For SD..120425 indexable inserts, the circumference of the body must be reworked.  
 $R_{(body)} = r_{(indexable\ insert)}$

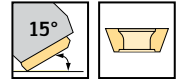
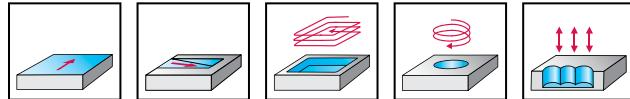
HC = Coated carbide  
 HW = Uncoated carbide

# High-feed milling cutter

## M4002 inch



– 4 cutting edges per indexable insert



M4002	P	M	K	N	S	H	O
-------	---	---	---	---	---	---	---

Tool	Designation	D <sub>c</sub> inch	D <sub>a</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	a <sub>r</sub> inch	Z	lbs	No. of inserts	Type
<p>ScrewFit</p>	M4002.019-T18-02-01	0,291	0,750	T18	1,181		0,039	0,224	2	0,150	2	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002.026-T22-02-01,5	0,339	1,000	T22	1,575		0,059	0,330	2	0,024	2	SD .. 09T3 .. SDMX0904ZDR
	M4002.026-T22-03-01	0,543	1,000	T22	1,378		0,039	0,224	3	0,243	3	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002.031-T28-03-01,5	0,593	1,250	T28	1,575		0,059	0,330	3	0,359	3	SD .. 09T3 .. SDMX0904ZDR
	M4002.031-T28-04-01	0,795	1,250	T28	1,575		0,039	0,224	4	0,463	4	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002.038-T36-04-01,5	0,843	1,500	T36	1,575		0,059	0,330	4	0,648	4	SD .. 09T3 .. SDMX0904ZDR
<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	0,772	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	1,305	5	SD .. 1204 .. SDMX1205ZDR
	M4002.064-B19-06-01,5	1,843	2,500	0,750	1,969		0,059	0,330	6	1,764	6	SD .. 09T3 .. SDMX0904ZDR
	M4002.076-B26-06-02	2,094	3,000	1,000	1,969		0,079	0,45	6	2,551	6	SD .. 1204 .. SDMX1205ZDR
	M4002.102-B38-07-02	3,094	4,000	1,500	2,48		0,079	0,45	7	5,82	7	

\*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) 0,664 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			
					WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP255	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S
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		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
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		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMX0904ZDR-E27	M	4	0.039	0.031	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMX0904ZDR-E57	M	4	0.039	0.031	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
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		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMX1205ZDR-E27	M	4	0.079	0.047	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMX1205ZDR-E57	M	4	0.079	0.047	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT06T2ZDR-D57	M	4	0.016	0.047	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT09T3ZDR-D57	M	4	0.031	0.048	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDMT1204ZDR-D57	M	4	0.031	0.071	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

For SD..120425 indexable inserts, the circumference of the body must be reworked.  
 $R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide  
 HW = Uncoated carbide

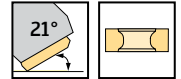
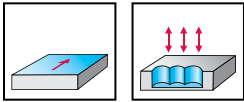
### WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

# 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
	F4030.T22.025.Z02.01	13,4	25	T22	35		1	6	2	0,12	2	P23696-1 . 0
	F4030.T28.032.Z03.01	20,4	32	T28	40		1	7	3	0,2	3	
	F4030.T28.035.Z03.01	23,4	35	T28	40		1	7	3	0,24	3	
	F4030.T36.040.Z04.01	28,4	40	T36	40		1	7	4	0,33	4	P23696-2 . 0
	F4030.T45.050.Z04.02	32	50	T45	45		2	10	4	0,51	4	
	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	1,46	3	
	F4030.B22.050.Z05.01	38,4	50	22	40		1	7	5	0,04	5	P23696-1 . 0
	F4030.B22.052.Z04.01	40,4	52	22	40		1	7	4	0,43	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.B27.085.Z05.02	67	85	27	50		2	10	5	1,4	5	
F4030.B32.100.Z06.02	82	100	32	50		2	10	6	2,52	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




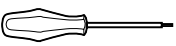
**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊


### 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	WSM35S	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S
 P23696-1.0 P23696-2.0	M	6	1.2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	M	6	1.6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = beschichtetes Hartmetall

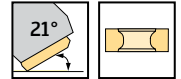
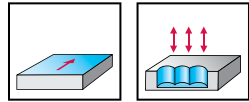
# High-Feed-Fräser

## 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
<p>ScrewFit</p>	F4030.UT22.026.Z02.01	0,543	1,000	T22	1,378		0,039	0,236	2	0,258	2	P23696-1 . 0
	F4030.UT28.031.Z03.01	0,793	1,250	T28	1,575		0,039	0,276	3	0,441	3	
	F4030.UT36.038.Z03.01	1,043	1,500	T36	1,575		0,039	0,276	3	0,772	3	
	F4030.UT45.051.Z04.02	1,291	2,000	T45	1,772		0,079	0,394	4	1,153	4	P23696-2 . 0
<p>DIN 1835 B</p>	F4030.UW26.031.Z03.01	0,793	1,250	1,000	2,09	4,371	0,039	0,276	3	0,882	3	P23696-1 . 0
	Cylindrical shank											
	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	
<p>Shell mill mount DIN 138 transverse keyway</p>	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.UB38.102.Z06.02	3,291	4,000	1,500	2,480		0,079	0,394	6	5,115	6	
	F4030.UB38.102.Z07.02	3,291	4,000	1,500	2,480		0,079	0,394	7	6,975	7	

Pre-balanced tools | 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	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	WSM35S	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G
P23696-1.0	M	6	0,047	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P23696-2.0	M	6	0,063	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

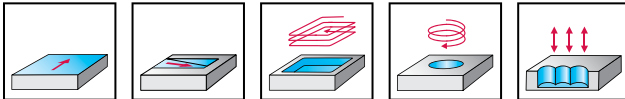
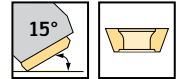
HC = beschichtetes Hartmetall

# 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	T18	30		1	8	2	0,05	2	P2633 . R10 P26379-R10
F2330.T22.025.Z03.01	15	25	T22	35		1	8	3	0,12	3	
F2330.T28.032.Z03.01,5	18	32	T28	40		1,5	11	3	0,2	3	P2633 . R14 P26379-R14
F2330.T28.035.Z03.01,5	21	35	T28	40		1,5	11	3	0,21	3	
F2330.T36.040.Z03.01,5	26	40	T36	40		1,5	11	3	0,37	3	
F2330.T36.042.Z03.01,5	28	42	T36	40		1,5	11	3	0,38	3	
ScrewFit											
F2330.Z20.020.Z02.01	10	20	20	30	200	1	8	2	0,49	2	P2633 . R10 P26379-R10
F2330.Z25.025.Z03.01	15	25	25	35	200	1	8	3	0,76	3	
F2330.Z32.032.Z03.01,5	18	32	32	40	250	1,5	11	3	1,48	3	P2633 . R14 P26379-R14
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	1,06	7	
F2330.B22.050.Z04.01,5	30	50	22	40		1,5	11	4	0,36	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

**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) 0,8 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	
				WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WKP35G	WKP35S	WSM35G	WSM35S
P26335R10	M	3	0,8	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26337R10	M	3	0,8	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26339R10	M	3	0,8	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26379-R10	M	3	0,8	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26335R14	M	3	1,2	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26337R14	M	3	1,2	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26339R14	M	3	1,2	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26379-R14	M	3	1,2	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26335R25	M	3	2	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26337R25	M	3	2	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26339R25	M	3	2	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26379-R25	M	3	2	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑

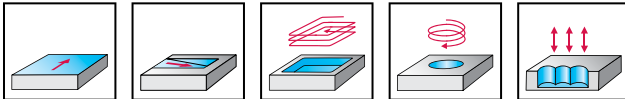
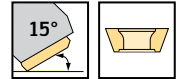
HC = beschichtetes Hartmetall

# 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	T18	1,181		0,039	0,311	2	0,181	2	P2633 . R10 P26379-R10
F2330.UT22.026.Z03.01	0,606	1,000	T22	1,378		0,039	0,311	3	0,276	3	
F2330.UT28.031.Z03.01.5	0,699	1,250	T28	1,575		0,059	0,437	3	0,483	3	P2633 . R14 P26379-R14
F2330.UT36.038.Z03.01.5	0,949	1,500	T36	1,575		0,059	0,437	3	0,809	3	
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	6	2,172	6	
F2330.UB26.064.Z04.02	2,060	2,500	1,000	1,969		0,079	0,634	4	1,587	4	P2633 . R25 P26379-R25
F2330.UB26.076.Z05.02	2,060	3,000	1,000	1,969		0,079	0,634	5	2,615	5	
F2330.UB26.076.Z06.01.5	2,060	3,000	1,000	1,969		0,059	0,437	6	2,681	6	P2633 . R14 P26379-R14
F2330.UB38.102.Z06.02	3,213	4,000	1,500	2,48		0,079	0,634	6	5,600	6	
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

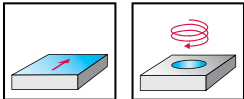
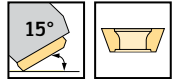
Designation	Tolerance class	Number of cutting edges	r inch	P			M			K			S		
				HC			HC			HC			HC		
				WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G	
P26335R10	M	3	0,031	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26337R10	M	3	0,031	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26339R10	M	3	0,031	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26379-R10	M	3	0,031	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26335R14	M	3	0,047	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26337R14	M	3	0,047	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26339R14	M	3	0,047	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26379-R14	M	3	0,047	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26335R25	M	3	0,079	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26337R25	M	3	0,079	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26339R25	M	3	0,079	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
P26379-R25	M	3	0,079	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑

HC = beschichtetes Hartmetall

# 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 <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	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
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.125.Z08.02.R729M	115	132	40	63	2	8	3,62	8	
	<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.160.Z10.02.R729M	150	167	40	63	2	10	5,64	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	
<p>Shell mill mount DIN 138 transverse keyway</p>	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 <sub>c</sub> [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 <sub>c</sub> [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			
				WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G
P26335R25	M	3	2	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
P26337R25	M	3	2	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
P26339R25	M	3	2	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
P26379-R25	M	3	2	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒

HC = beschichtetes Hartmetall

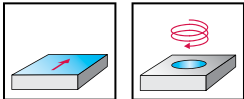
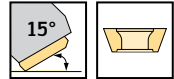
#### WALTER SELECT

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

# 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 <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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
	F2010.B.100.Z07.08.R755M	89,93	113	32	50	2	7	1,9	7	SD .. 1204 .. SDMX1205ZDR
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.125.Z08.08.R755M	114,93	138	40	63	2	8	3,6	8	SD .. 1204 .. SDMX1205ZDR
	F2010.B.160.Z10.08.R755M	149,93	173	40	63	2	10	5,6	10	SD .. 1204 .. SDMX1205ZDR
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.200.Z12.08.R755M	189,93	213	60	63	2	12	9,89	12	SD .. 1204 .. SDMX1205ZDR
	F2010.B.250.Z12.08.R755M	239,93	263	60	63	2	12	14,8	12	SD .. 1204 .. SDMX1205ZDR
	F2010.B.250.Z16.08.R755M	239,93	263	60	63	2	16	14,6	16	SD .. 1204 .. SDMX1205ZDR
	F2010.B.315.Z14.08.R755M	304,93	328	60	80	2	14	26,3	14	SD .. 1204 .. SDMX1205ZDR
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.315.Z18.08.R755M	304,93	328	60	80	2	18	26,2	18	SD .. 1204 .. SDMX1205ZDR

\*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 <sub>c</sub> [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 <sub>c</sub> [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	r mm	b mm	P				M				K				N		S			
					HC				HC				HC				HC	HW	HC			
					WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WKC10	WSM35G	WSM35S
	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																		
	SDMX1205ZDR-E27	M	4	2	1,2																	
	SDMX1205ZDR-E57	M	4	2	1,2																	
	SDMT1204ZDR-D57	M	4	0,8	1,8																	

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  
 HW = Uncoated carbide

### WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

# Shoulder milling cutters

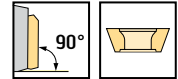
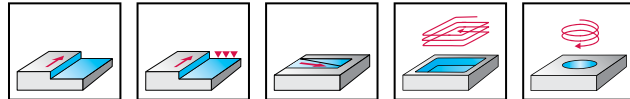
M5130

AC .. 0602 .. R

Xtra-tec® XT



– 2 cutting edges per indexable insert



M5130	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
ScrewFit	M5130-010-T09-02-05	10	T09	20		5	2	0,02	2	AC .. 0602 .. R
	M5130-012-T09-03-05	12	T09	20		5	3	0,02	3	
	M5130-016-T14-03-05	16	T14	25		5	3	0,04	3	
	M5130-016-T14-04-05	16	T14	25		5	4	0,03	4	
	M5130-020-T18-04-05	20	T18	25		5	4	0,05	4	
	M5130-020-T18-05-05	20	T18	25		5	5	0,05	5	
	M5130-025-T22-05-05	25	T22	30		5	5	0,1	5	
	M5130-025-T22-07-05	25	T22	30		5	7	0,1	7	
	M5130-032-T28-06-05	32	T28	35		5	6	0,19	6	
	M5130-032-T28-08-05	32	T28	35		5	8	0,2	8	
M5130-040-T36-07-05	40	T36	35		5	7	0,34	7		
M5130-040-T36-10-05	40	T36	35		5	10	0,35	10		
Cylindrical modular	M5130-010-TC06-02-05	10	M6	20		5	2	0,01	2	AC .. 0602 .. R
	M5130-012-TC06-03-05	12	M6	20		5	3	0,01	3	
	M5130-016-TC08-03-05	16	M8	25		5	3	0,03	3	
	M5130-016-TC08-04-05	16	M8	25		5	4	0,03	4	
	M5130-020-TC10-04-05	20	M10	25		5	4	0,05	4	
	M5130-020-TC10-05-05	20	M10	25		5	5	0,05	5	
	M5130-025-TC12-05-05	25	M12	30		5	5	0,1	5	
	M5130-025-TC12-07-05	25	M12	30		5	7	0,1	7	
	M5130-032-TC16-06-05	32	M16	35		5	6	0,19	6	
	M5130-032-TC16-08-05	32	M16	35		5	8	0,2	8	
M5130-040-TC16-07-05	40	M16	35		5	7	0,24	7		
M5130-040-TC16-10-05	40	M16	35		5	10	0,27	10		
DIN 1835 B	M5130-010-W10-02-05	10	10	16	60	5	2	0,03	2	AC .. 0602 .. R
	M5130-010-W16-02-05	10	16	30	80	5	2	0,09	2	
	M5130-012-W12-03-05	12	12	19	65	5	3	0,05	3	
	M5130-012-W16-03-05	12	16	30	80	5	3	0,09	3	
	M5130-016-W16-03-05	16	16	21	70	5	3	0,09	3	
	M5130-016-W16-04-05	16	16	21	70	5	4	0,11	4	
	M5130-020-W20-04-05	20	20	24	75	5	4	0,16	4	
	M5130-020-W20-05-05	20	20	24	75	5	5	0,16	5	
M5130-025-W25-05-05	25	25	26	85	5	5	0,29	5		
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 <sub>c</sub> [mm]	10-63
	Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0,5 Nm

### Accessories

	D <sub>c</sub> [mm]	10-63
	Torque screwdriver, analogue	FS2001
	Interchangeable blade	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M			K					N		S	
					HC				HC			HC					HC	HW	HC	
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G
ACGT060204R-G65	G	2	0,4	0,9	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
ACGT060204R-M85	G	2	0,4	0,9												☺	☺			
ACMT060202R-G55	M	2	0,2	1		☺	☺	☺											☺	
ACMT060204R-G55	M	2	0,4	0,9	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺				☺	
ACMT060208R-G55	M	2	0,8	0,8		☺	☺	☺											☺	
ACMT060212R-G55	M	2	1,2	0,6		☺	☺	☺											☺	
ACMT060216R-G55	M	2	1,6	0,1		☺	☺	☺											☺	
ACMT060204R-K55	M	2	0,4	0,9	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺			☺	☺	

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

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

Shoulder milling cutters D 463

# Shoulder milling cutters

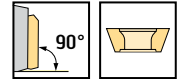
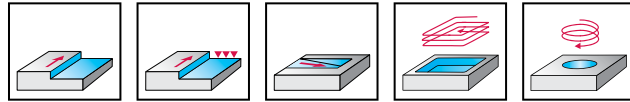
M5130

AC .. 0602 .. R

Xtra-tec® XT



– 2 cutting edges per indexable insert



M5130	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>Cylindrical shank</p>	M5130-010-A10-02-05	10	10	16	60	5	2	0,04	2	AC .. 0602 .. R
	M5130-010-A16-02-05	10	16	30	80	5	2	0,1	2	
	M5130-012-A12-03-05	12	12	19	70	5	3	0,05	3	
	M5130-012-A16-03-05	12	16	30	80	5	3	0,09	3	
	M5130-014-A16-03-05	14	16	30	80	5	3	0,06	3	
	M5130-016-A16-03-05	16	16	21	90	5	3	0,12	3	
	M5130-016-A16-04-05	16	16	21	90	5	4	0,13	4	
	M5130-018-A16-03-05	18	16	21	90	5	3	0,13	3	
	M5130-020-A20-04-05	20	20	24	110	5	4	0,24	4	
	M5130-020-A20-05-05	20	20	24	110	5	5	0,24	5	
	M5130-022-A20-04-05	22	20	24	110	5	4	0,25	4	
	M5130-025-A25-05-05	25	25	26	120	5	5	0,42	5	
M5130-025-A25-07-05	25	25	26	120	5	7	0,42	7		
<p>Shell mill mount DIN 138 transverse keyway</p>	M5130-032-B16-06-05	32	16	40		5	6	0,14	6	AC .. 0602 .. R
	M5130-032-B16-08-05	32	16	40		5	8	0,14	8	
	M5130-040-B16-07-05	40	16	40		5	7	0,27	7	
	M5130-040-B16-10-05	40	16	40		5	10	0,27	10	
	M5130-050-B22-09-05	50	22	40		5	9	0,42	9	
	M5130-050-B22-12-05	50	22	40		5	12	0,42	12	
	M5130-063-B22-11-05	63	22	40		5	11	0,54	11	
	M5130-063-B22-14-05	63	22	40		5	14	0,54	14	

Bodies and assembly parts are included in the scope of delivery



### Assembly parts

	D <sub>c</sub> [mm]	10–63
	Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0,5 Nm

### Accessories

	D <sub>c</sub> [mm]	10–63
	Torque screwdriver, analogue	FS2001
	Interchangeable blade	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)

### Indexable inserts

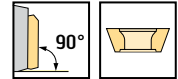
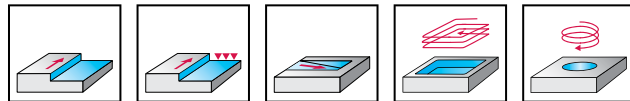
Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M			K					N		S	
					HC				HC			HC					HC	HW	HC	
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G
ACGT060204R-G65	G	2	0,4	0,9	☺	☺	☺	☺	☺											
ACGT060204R-M85	G	2	0,4	0,9											☺	☺				
ACMT060202R-G55	M	2	0,2	1		☺	☺	☺											☺	
ACMT060204R-G55	M	2	0,4	0,9	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺					☺	
ACMT060208R-G55	M	2	0,8	0,8		☺	☺	☺											☺	
ACMT060212R-G55	M	2	1,2	0,6		☺	☺	☺											☺	
ACMT060216R-G55	M	2	1,6	0,1		☺	☺	☺											☺	
ACMT060204R-K55	M	2	0,4	0,9	☺	☺	☺	☺	☺									☺	☺	

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

# 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 <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
 ScrewFit	M5130.013-T09-03-05	0,500	T09	0,787		0,197	3	0,044	3	AC .. 0602 .. R
	M5130.015-T14-03-05	0,625	T14	0,984		0,197	3	0,071	3	
	M5130.015-T14-04-05	0,625	T14	0,984		0,197	4	0,099	4	
	M5130.019-T18-04-05	0,750	T18	0,984		0,197	4	0,11	4	
	M5130.019-T18-05-05	0,750	T18	0,984		0,197	5	0,132	5	
	M5130.026-T22-05-05	1,000	T22	1,181		0,197	5	0,212	5	
	M5130.026-T22-07-05	1,000	T22	1,181		0,197	7	0,243	7	
	M5130.031-T28-06-05	1,250	T28	1,378		0,197	6	0,421	6	
	M5130.031-T28-08-05	1,250	T28	1,378		0,197	8	0,443	8	
	M5130.038-T36-07-05	1,500	T36	1,378		0,197	7	0,765	7	
M5130.038-T36-10-05	1,500	T36	1,378		0,197	10	0,789	10		
 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	0,891	9	AC .. 0602 .. R
	M5130.051-B19-12-05	2,000	0,750	1,575		0,197	12	0,911	12	
	M5130.064-B26-11-05	2,500	1,000	1,575		0,197	11	1,444	11	
	M5130.064-B26-14-05	2,500	1,000	1,575		0,197	14	1,457	14	

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 <sub>c</sub> [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 <sub>c</sub> [inch]	0,5–2,5
	Torque screwdriver, analogue	FS2002
	Interchangeable blade	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)

### Indexable inserts

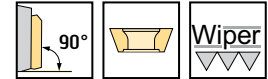
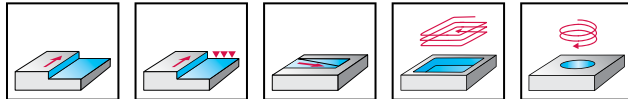
Designation	Tolerance class	Number of cutting edges	r inch	b inch	P				M			K					N		S		
					HC				HC			HC					HC	HW	HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WKL0	WSM35G	WSM35S
ACGT060204R-G65	G	2	0,016	0,035	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺		
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 = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

# Shoulder milling cutters

**M5130** 
**BC .. 0903 .. R**
**Xtra-tec® XT**


– 2 cutting edges per indexable insert



M5130	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
 ScrewFit	M5130-016-T14-02-09	16	T14	25		9	2	0,03	2	BC .. 0903 .. R
	M5130-020-T18-02-09	20	T18	30		9	2	0,05	2	
	M5130-020-T18-03-09	20	T18	30		9	3	0,05	3	
	M5130-025-T22-03-09	25	T22	35		9	3	0,09	3	
	M5130-025-T22-04-09	25	T22	35		9	4	0,09	4	
	M5130-032-T28-04-09	32	T28	40		9	4	0,18	4	
 Cylindrical modular	M5130-016-TC08-02-09	16	M8	25		9	2	0,03	2	BC .. 0903 .. R
	M5130-020-TC10-02-09	20	M10	30		9	2	0,05	2	
	M5130-020-TC10-03-09	20	M10	30		9	3	0,05	3	
	M5130-025-TC12-03-09	25	M12	35		9	3	0,1	3	
	M5130-025-TC12-04-09	25	M12	35		9	4	0,09	4	
	M5130-032-TC16-04-09	32	M16	40		9	4	0,17	4	
 DIN 1835 B	M5130-016-W16-02-09	16	16	41	90	9	2	0,12	2	BC .. 0903 .. R
	M5130-020-W20-02-09	20	20	39	90	9	3	0,18	3	
	M5130-020-W20-03-09	20	20	39	90	9	3	0,18	3	
	M5130-025-W25-04-09	25	25	43	100	9	4	0,31	4	
	M5130-032-W32-05-09	32	32	49	110	9	5	0,57	5	
	 Cylindrical shank	M5130-016-A16-02-09	16	16	41	180	9	2	0,25	
M5130-018-A16-02-09		18	16	41	180	9	2	0,26	2	
M5130-020-A20-02-09		20	20	39	200	9	2	0,44	2	
M5130-020-A20-03-09		20	20	39	200	9	3	0,44	3	
M5130-022-A20-03-09		22	20	39	200	9	3	0,44	3	
M5130-025-A25-03-09		25	25	43	200	9	3	0,68	3	
M5130-025-A25-04-09		25	25	43	200	9	4	0,68	4	
 Shell mill mount DIN 138 transverse keyway		M5130-032-B16-03-09	32	16	40		9	3	0,12	3
	M5130-032-B16-06-09	32	16	40		9	6	0,12	6	
	M5130-040-B16-04-09	40	16	40		9	4	0,19	4	
	M5130-040-B16-06-09	40	16	40		9	6	0,21	6	
	M5130-040-B16-07-09	40	16	40		9	7	0,21	7	
	M5130-050-B22-05-09	50	22	40		9	5	0,32	5	
	M5130-050-B22-07-09	50	22	40		9	7	0,49	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 <sub>c</sub> [mm] Clamping screw for indexable insert Tightening torque	16-63 FS2576 (T8IP) 1,2 Nm
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### Accessories

	D <sub>c</sub> [mm] Torque screwdriver, analogue	16-63 FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	P						M					K						N			S				H	
			HC						HC					HC						DP	HC	HW	HC				HC	
			WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WDN20	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G
	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

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

## Shoulder milling cutters

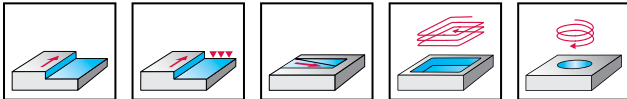
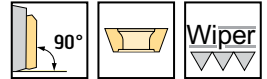
M5130

BC .. 0903 .. R

Xtra-tec® XT



– 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5130	●	●	●	●	●	●	●





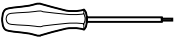
Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	M5130-050-B22-08-09	50	22	40		9	8	0,34	8	BC .. 0903 .. R
	M5130-063-B22-07-09	63	22	40		9	7	0,5	7	
	M5130-063-B22-11-09	63	22	40		9	11	0,51	11	

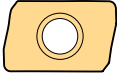
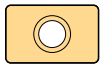
Bodies and assembly parts are included in the scope of delivery

D2

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts		
D <sub>c</sub> [mm]		16–63
	Clamping screw for indexable insert Tightening torque	FS2576 (T8IP) 1,2 Nm
Accessories		
D <sub>c</sub> [mm]		16–63
	Torque screwdriver, analogue	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts			Tolerance class	Number of cutting edges	P					M					K					N			S			H			
Designation	Image				HC					HC					HC					DP	HC	HW	HC			HC			
			WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WDN20	WXN15	WK10	WSM35G	WSM35S	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  
 $R(\text{body}) = r(\text{indexable insert}) - 1 \text{ mm}$   
 BCGX0903PDR-G55 wiper insert only in combination with BCGT090304R-G55

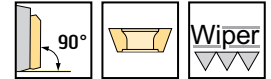
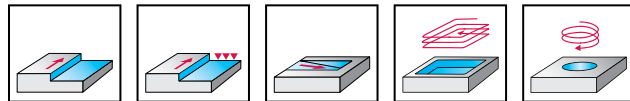
HC = Coated carbide  
 DP = Polycrystalline diamond  
 HW = Uncoated carbide

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

# Shoulder milling cutters

**M5130** inch
**BC .. 0903 .. R**
**Xtra-tec® XT**


– 2 cutting edges per indexable insert



M5130	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
 DIN 1835 B	M5130.015-W15-02-09	0,625	0,625	0,945	2,851	0,354	2	0,198	2	BC .. 0903 .. R
	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	
 Cylindrical shank	M5130.015-A15-02-09	0,625	0,625	1,630	7,000	0,354	2	0,54	2	BC .. 0903 .. R
	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	
 Shell mill mount DIN 138 transverse keyway	M5130.051-B19-05-09	2,000	0,750	1,575		0,354	5	0,756	5	BC .. 0903 .. R
	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



### Assembly parts

	D <sub>c</sub> [inch]	0,625–1	2
	Clamping screw for indexable insert Tightening torque	FS2576 (T8IP) 0,885 lbs	FS2576 (T8IP) 0,885 lbs
	Clamping screw for arbour-mounted tools		FS1523

### Accessories

	D <sub>c</sub> [inch]	0,625–2
	Torque screwdriver, analogue	FS2002
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	P						M					K					N			S			H				
			HC						HC					HC					DP	HC	HW	HC			HC				
			WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM43X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WDN20	WXN15	WK10	WSM35G	WSM35S	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

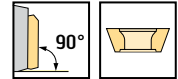
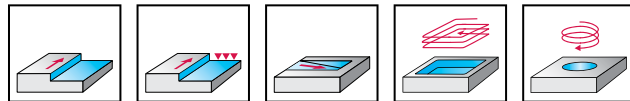
HC = Coated carbide  
 DP = Polycrystalline diamond  
 HW = Uncoated carbide

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

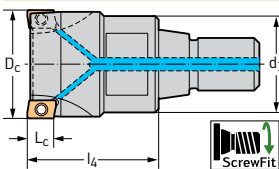
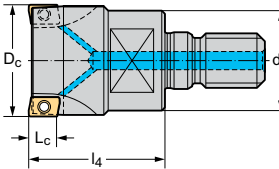
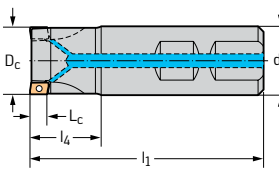
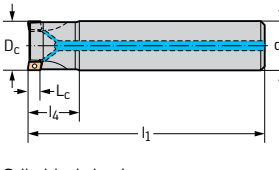
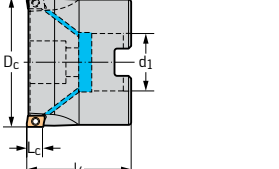
# Shoulder milling cutters

**M5130** mm
**BC .. 1204 .. R**
**Xtra-tec® XT**


– 2 cutting edges per indexable insert



M5130	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
 ScrewFit	M5130-025-T22-03-12	25	T22	35		12	3	0,09	3	BC .. 1204 .. R
	M5130-032-T28-03-12	32	T28	40		12	3	0,17	3	
	M5130-032-T28-04-12	32	T28	40		12	4	0,18	4	
	M5130-040-T36-03-12	40	T36	40		12	3	0,31	3	
	M5130-040-T36-05-12	40	T36	40		12	5	0,32	5	
	M5130-040-T36-06-12	40	T36	40		12	6	0,32	6	
 Cylindrical modular	M5130-025-TC12-03-12	25	M12	35		12	3	0,08	3	BC .. 1204 .. R
	M5130-032-TC16-03-12	32	M16	40		12	3	0,16	3	
	M5130-032-TC16-04-12	32	M16	40		12	4	0,17	4	
	M5130-040-TC16-03-12	40	M16	40		12	3	0,21	3	
	M5130-040-TC16-06-12	40	M16	40		12	6	0,22	6	
 DIN 1835 B	M5130-025-W25-03-12	25	25	43	100	12	3	0,3	3	BC .. 1204 .. R
	M5130-032-W32-03-12	32	32	49	110	12	3	0,53	3	
	M5130-032-W32-04-12	32	32	49	110	12	4	0,54	4	
	M5130-040-W32-05-12	40	32	49	110	12	5	0,68	5	
	M5130-040-W32-06-12	40	32	49	110	12	6	0,65	6	
 Cylindrical shank	M5130-022-A20-02-12	22	20	38	200	12	2	0,45	2	BC .. 1204 .. R
	M5130-025-A25-02-12	25	25	38	200	12	2	0,71	2	
	M5130-025-A25-03-12	25	25	38	200	12	3	0,68	3	
	M5130-032-A32-03-12	32	32	39	250	12	3	1,4	3	
	M5130-032-A32-04-12	32	32	39	250	12	4	1,42	4	
	M5130-040-A32-05-12	40	32	44	250	12	5	1,51	5	
 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	0,19	6	
	M5130-050-B22-03-12	50	22	40		12	3	0,32	3	
	M5130-050-B22-04-12	50	22	40		12	4	0,29	4	
	M5130-050-B22-06-12	50	22	40		12	6	0,46	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 <sub>c</sub> [mm]	22-80
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm

### Accessories

	D <sub>c</sub> [mm]	22-80
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	P				M				K				N			S					
			HC				HC				HC				DP	HC	HW	HC					
			WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WKC10	WSM35G	WSM35S	WSM45X	WSP45G
	BCGT120408R-B85	G	1																				
	BCGT120408R-G55	G	2	☉	☉	☉	☉	☉	☉	☉											☉	☉	☉
	BCHT120404R-K85	H	2																				
	BCHT120408R-K85	H	2																				
	BCHT120412R-K85	H	2																				
	BCHT120416R-K85	H	2																				
	BCHT120420R-K85	H	2																				
	BCHT120425R-K85	H	2																				
	BCHT120430R-K85	H	2																				
	BCHT120440R-K85	H	2																				
	BCMT120404R-G55	M	2		☉	☉	☉																☉
	BCMT120408R-G55	M	2	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉							☉	☉	☉
	BCMT120412R-G55	M	2		☉	☉	☉																☉
	BCMT120416R-G55	M	2		☉	☉	☉																☉
	BCMT120420R-G55	M	2		☉	☉	☉																☉
	BCMT120425R-G55	M	2		☉	☉	☉																☉
	BCMT120430R-G55	M	2		☉	☉	☉																☉
	BCMT120432R-G55	M	2		☉	☉	☉																☉
	BCMT120440R-G55	M	2		☉	☉	☉																☉
	BCMT120408R-F55	M	2	☉	☉	☉	☉																☉
	BCMT120408R-K55	M	2	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉							☉	☉	☉

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.  
 R (body) = r (indexable insert) - 1 mm

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

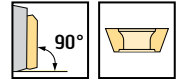
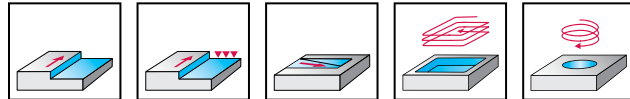
**WALTER SELECT** Stability of machine, workpiece and clamping arrangement → Very good = ☉ → Good = ☉ → Moderate = ☉

☉ ☉ ☉ / \* = New addition to the product range

## Shoulder milling cutters

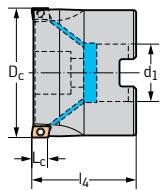
**M5130** mm
**BC .. 1204 .. R**
**Xtra-tec® XT**


– 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5130	●	●	●	●	●	●	●

### Tool



Shell mill mount DIN 138 transverse keyway

Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
M5130-050-B22-07-12	50	22	40		12	7	0,31	7	BC .. 1204 .. R
M5130-063-B22-04-12	63	22	40		12	4	0,45	4	
M5130-063-B22-05-12	63	22	40		12	5	0,47	5	
M5130-063-B22-07-12	63	22	40		12	7	0,72	7	
M5130-063-B22-08-12	63	22	40		12	8	0,5	8	
M5130-063-B27-04-12	63	27	50		12	4	0,66	4	
M5130-063-B27-05-12	63	27	50		12	5	0,67	5	
M5130-063-B27-07-12	63	27	50		12	7	0,94	7	
M5130-063-B27-08-12	63	27	50		12	8	0,71	8	
M5130-080-B27-05-12	80	27	50		12	5	0,91	5	
M5130-080-B27-06-12	80	27	50		12	6	0,94	6	
M5130-080-B27-08-12	80	27	50		12	8	1,02	8	
M5130-080-B27-09-12	80	27	50		12	9	1	9	

Bodies and assembly parts are included in the scope of delivery

### Assembly parts

	D <sub>c</sub> [mm]	22-80
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm

### Accessories

	D <sub>c</sub> [mm]	22-80
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	P				M				K					N			S				
			HC				HC				HC					DP	HC	HW	HC				
			WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WKC10	WSM35G	WSM35S	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		☉	☉	☉	☉															☉
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	BCMT120440R-G55	M	2		☉	☉	☉	☉															☉
	BCMT120408R-F55	M	2	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉									☉
	BCMT120408R-K55	M	2	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉							☉	☉	☉

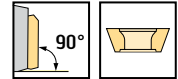
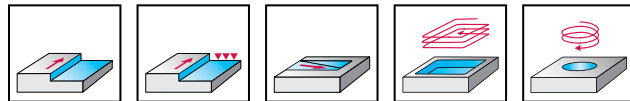
If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.  
R (body) = r (indexable insert) - 1 mm

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

# Shoulder milling cutters

**M5130** inch
**BC .. 1204 .. R**
**Xtra-tec® XT**


– 2 cutting edges per indexable insert



M5130	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
 ScrewFit	M5130.026-T22-03-12	1,000	T22	1,378		0,472	3	0,187	3	BC .. 1204 .. R
	M5130.031-T28-03-12	1,250	T28	1,575		0,472	3	0,351	3	
	M5130.031-T28-04-12	1,250	T28	1,575		0,472	4	0,375	4	
	M5130.038-T36-06-12	1,500	T36	1,575		0,472	6	0,710	6	
	M5130.051-T45-06-12	2,000	T45	1,575		0,472	6	1,074	6	
	M5130.051-T45-07-12	2,000	T45	1,575		0,472	7	1,076	7	
 DIN 1835 B	M5130.019-W19-02-12	0,750	0,750	1,024	3,059	0,472	2	0,291	2	BC .. 1204 .. R
	M5130.026-W26-03-12	1,000	1,000	1,339	3,280	0,472	3	0,558	3	
	M5130.031-W31-04-12	1,250	1,250	1,417	3,697	0,472	4	1,030	4	
 Cylindrical shank	M5130.019-A19-02-12	0,750	0,750	1,030	7,530	0,472	2	0,816	2	BC .. 1204 .. R
	M5130.026-A26-03-12	1,000	1,000	1,500	8,000	0,472	3	1,572	3	
	M5130.031-A31-04-12	1,250	1,250	1,630	10,000	0,472	4	3,142	4	
 Shell mill mount DIN 138 transverse keyway	M5130.038-B19-05-12	1,500	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	0,758	7	
	M5130.064-B26-05-12	2,500	1,000	1,575		0,472	5	1,208	5	
	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	2,028	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	2,125	9		

Bodies and assembly parts are included in the scope of delivery

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [inch]	0,75–1,25	1,5	2	2,5	3
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs	FS2573 (T9IP) 1,475 lbs
	Clamping screw for arbour-mounted tools		FS1523	FS1523	FS1519	FS1519

### Accessories

	D <sub>c</sub> [inch]	0,75–3
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	P		M				K					N			S						
			HC		HC				HC					DP	HC	HW	HC						
			WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP255	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G
	BCGT120408R-B85	G	1																				
	BCGT120408R-G55	G	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	BCHT120404R-K85	H	2																				
	BCHT120408R-K85	H	2																				
	BCHT120412R-K85	H	2																				
	BCHT120416R-K85	H	2																				
	BCHT120420R-K85	H	2																				
	BCHT120425R-K85	H	2																				
	BCHT120430R-K85	H	2																				
	BCHT120440R-K85	H	2																				
	BCMT120404R-G55	M	2		☺	☺	☺																☺
	BCMT120408R-G55	M	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	BCMT120412R-G55	M	2		☺	☺	☺															☺	☺
	BCMT120416R-G55	M	2		☺	☺	☺															☺	☺
	BCMT120420R-G55	M	2		☺	☺	☺															☺	☺
	BCMT120425R-G55	M	2		☺	☺	☺															☺	☺
	BCMT120430R-G55	M	2		☺	☺	☺															☺	☺
	BCMT120432R-G55	M	2		☺	☺	☺															☺	☺
	BCMT120440R-G55	M	2		☺	☺	☺															☺	☺
	BCMT120408R-F55	M	2	☺	☺	☺	☺															☺	☺
	BCMT120408R-K55	M	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

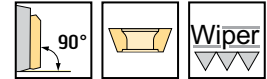
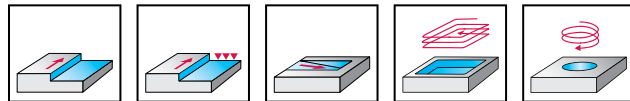
If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.  
R (body) = r (indexable insert) - 1 mm

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

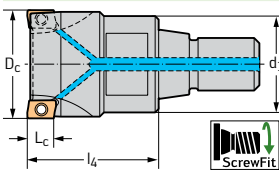
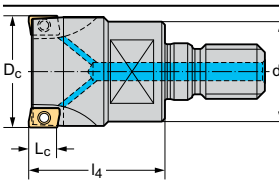
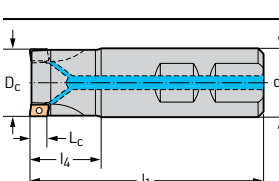
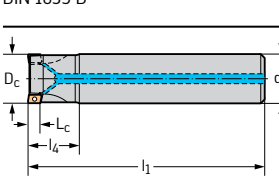
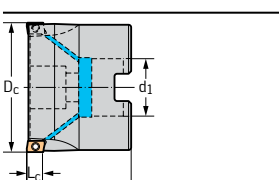
# Shoulder milling cutters

**M5130** mm
**BC .. 1605 .. R**
**Xtra-tec® XT**


– 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5130	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
 ScrewFit	M5130-032-T28-03-15	32	T28	40		15	3	0,16	3	BC .. 1605 .. R
	M5130-040-T36-03-15	40	T36	40		15	3	0,31	3	
	M5130-040-T36-04-15	40	T36	40		15	4	0,31	4	
	M5130-050-T45-03-15	50	T45	40		15	3	0,45	3	
	M5130-050-T45-05-15	50	T45	40		15	5	0,43	5	
	M5130-050-T45-06-15	50	T45	40		15	6	0,45	6	
 Cylindrical modular	M5130-032-TC16-03-15	32	M16	40		15	3	0,15	3	BC .. 1605 .. R
	M5130-040-TC16-03-15	40	M16	40		15	3	0,21	3	
	M5130-040-TC16-04-15	40	M16	40		15	4	0,2	4	
 DIN 1835 B	M5130-025-W25-02-15	25	25	43	100	15	2	0,3	2	BC .. 1605 .. R
	M5130-032-W32-03-15	32	32	49	110	15	3	0,57	3	
 Cylindrical shank	M5130-025-A25-02-15	25	25	38	200	15	2	0,68	2	BC .. 1605 .. R
	M5130-028-A25-02-15	28	25	38	200	15	2	0,7	2	
	M5130-032-A32-03-15	32	32	39	250	15	3	1,43	3	
	M5130-035-A32-03-15	35	32	39	250	15	3	1,46	3	
 Shell mill mount DIN 138 transverse keyway	M5130-040-B16-03-15	40	16	40		15	3	0,15	3	BC .. 1605 .. R
	M5130-040-B16-04-15	40	16	40		15	4	0,14	4	
	M5130-042-B16-03-15	42	16	40		15	3	0,17	3	
	M5130-050-B22-03-15	50	22	40		15	3	0,31	3	
	M5130-050-B22-05-15	50	22	40		15	5	0,41	5	
	M5130-050-B22-06-15	50	22	40		15	6	0,44	6	
	M5130-054-B22-03-15	54	22	40		15	3	0,34	3	
	M5130-063-B22-04-15	63	22	40		15	4	0,43	4	

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 <sub>c</sub> [mm]	25	28-160
	FS1461 (T15IP) 2.5 Nm	FS2300 (T15IP) 3.5 Nm

### Accessories

D <sub>c</sub> [mm]	25-125	160
	FS2003	FS2003
	FS2248	FS2248
	FS2014 (T15IP)	FS2014 (T15IP)
	FS1485 (T15IP)	FS1485 (T15IP)
	FS936 SET KOMPLETT	
	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	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXM15	WKK10	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X			
BCGT160508R-G55	G	2	0.8	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺																	
BCHT160508R-K85	H	2	0.8	2																													
BCHT160512R-K85	H	2	1.2	1.7																													
BCHT160516R-K85	H	2	1.6	1.7																													
BCHT160520R-K85	H	2	2	1.5																													
BCHT160525R-K85	H	2	2.5	1.4																													
BCHT160530R-K85	H	2	3	1.2																													
BCHT160540R-K85	H	2	4	1.1																													
BCMT160508R-F55	M	2	0.8	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
BCMT160508R-G55	M	2	0.8	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
BCMT160512R-G55	M	2	1.2	1.7		☺	☺	☺	☺	☺																							
BCMT160516R-G55	M	2	1.6	1.5		☺	☺	☺	☺	☺																							
BCMT160520R-G55	M	2	2	1.5		☺	☺	☺	☺	☺																							
BCMT160525R-G55	M	2	2.5	1.4		☺	☺	☺	☺	☺																							
BCMT160530R-G55	M	2	3	1.2		☺	☺	☺	☺	☺																							
BCMT160532R-G55	M	2	3.2	1.1		☺	☺	☺	☺	☺																							
BCMT160540R-G55	M	2	4	1.1		☺	☺	☺	☺	☺																							
BCMT160550R-G55	M	2	5	0.7		☺	☺	☺	☺	☺																							
BCMT160560R-G55	M	2	6	0.1		☺	☺	☺	☺	☺																							
BCMT160508R-K55	M	2	0.8	2		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
BCGX1605PDR-G55	G	2	0.8	8	☺					☺					☺	☺	☺						☺									☺	

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.  
 R (body) = r (indexable insert) - 1 mm  
 BCGX1605PDR-G55 wiper insert only in combination with BCGT160508-G55

HC = Coated carbide  
 HW = Uncoated carbide

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

# Shoulder milling cutters

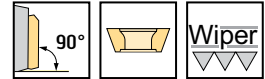
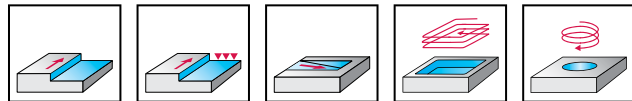
## M5130

### BC .. 1605 .. R

### Xtra-tec® XT



– 2 cutting edges per indexable insert



M5130	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> 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	0,66	4	
	M5130-063-B27-06-15	63	27	50		15	6	0,86	6	
	M5130-063-B27-07-15	63	27	50		15	7	0,68	7	
	M5130-066-B27-04-15	66	27	50		15	4	0,72	4	
	M5130-080-B27-05-15	80	27	50		15	5	0,92	5	
	M5130-080-B27-07-15	80	27	50		15	7	0,95	7	
	M5130-080-B27-08-15	80	27	50		15	8	0,97	8	
	M5130-085-B27-05-15	85	27	50		15	5	1,03	5	
	M5130-100-B32-05-15	100	32	50		15	5	1,55	5	
	M5130-100-B32-08-15	100	32	50		15	8	1,62	8	
M5130-125-B40-07-15	125	40	63		15	7	4,06	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	2,88	8	BC .. 1605 .. R
	M5130-160-B40-12-15	160	40	63		15	12	3,02	12	

Bodies and assembly parts are included in the scope of delivery

D2

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

D <sub>c</sub> [mm]		25	28-160
	Clamping screw for indexable insert Tightening torque	FS1461 (T15IP) 2.5 Nm	FS2300 (T15IP) 3.5 Nm

### Accessories

D <sub>c</sub> [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					HC	HW	HC			HC						
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXM15	WKK10	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X	
BCGT160508R-G55	G	2	0.8	2	☺	☺	☺	☺	☺		☺	☺	☺	☺	☺	☺									☺	☺					
BCHT160508R-K85	H	2	0.8	2																					☺	☺					
BCHT160512R-K85	H	2	1.2	1.7																					☺	☺					
BCHT160516R-K85	H	2	1.6	1.7																					☺	☺					
BCHT160520R-K85	H	2	2	1.5																					☺	☺					
BCHT160525R-K85	H	2	2.5	1.4																					☺	☺					
BCHT160530R-K85	H	2	3	1.2																					☺	☺					
BCHT160540R-K85	H	2	4	1.1																					☺	☺					
BCMT160508R-F55	M	2	0.8	2		☺	☺	☺	☺				☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
BCMT160508R-G55	M	2	0.8	2		☺	☺	☺	☺		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺			☺	☺	☺	☺	☺	☺
BCMT160512R-G55	M	2	1.2	1.7		☺	☺	☺	☺				☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
BCMT160516R-G55	M	2	1.6	1.5		☺	☺	☺	☺				☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
BCMT160520R-G55	M	2	2	1.5		☺	☺	☺	☺				☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
BCMT160525R-G55	M	2	2.5	1.4		☺	☺	☺	☺				☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
BCMT160530R-G55	M	2	3	1.2		☺	☺	☺	☺				☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
BCMT160532R-G55	M	2	3.2	1.1		☺	☺	☺	☺				☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
BCMT160540R-G55	M	2	4	1.1		☺	☺	☺	☺				☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
BCMT160550R-G55	M	2	5	0.7		☺	☺	☺	☺				☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
BCMT160560R-G55	M	2	6	0.1		☺	☺	☺	☺				☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺
BCMT160508R-K55	M	2	0.8	2		☺	☺	☺	☺		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺			☺	☺	☺	☺	☺	☺
BCGX1605PDR-G55	G	2	0.8	8	☺					☺					☺	☺	☺						☺								☺

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.  
 R (body) = r (indexable insert) - 1 mm  
 BCGX1605PDR-G55 wiper insert only in combination with BCGT160508-G55

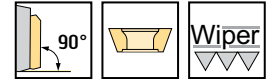
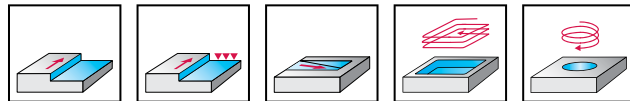
HC = Coated carbide  
 HW = Uncoated carbide

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

# 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 <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
<p>ScrewFit</p>	M5130.038-T36-03-15	1,500	T36	1,500		0,591	3	0,661	3	BC .. 1605 .. R
	M5130.038-T36-04-15	1,500	T36	1,500		0,591	4	0,701	4	
	M5130.051-T45-06-15	2,000	T45	1,575		0,591	6	1,016	6	
<p>DIN 1835 B</p>	M5130.026-W26-02-15	1,000	1,000	1,850	4,131	0,591	2	0,719	2	BC .. 1605 .. R
	M5130.031-W31-03-15	1,250	1,250	1,500	3,781	0,591	3	1,012	3	
	M5130.038-W31-04-15	1,500	1,250	1,730	4,008	0,591	4	1,261	3	
<p>Cylindrical shank</p>	M5130.026-A26-02-15	1,000	1,000	1,850	8,350	0,591	2	1,607	2	BC .. 1605 .. R
	M5130.031-A31-03-15	1,250	1,250	1,500	9,87	0,591	3	3,201	3	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5130.051-B19-03-15	2,000	0,750	1,575		0,591	3	0,710	3	BC .. 1605 .. R
	M5130.051-B19-05-15	2,000	0,750	1,575		0,591	5	0,661	5	
	M5130.051-B19-06-15	2,000	0,750	1,575		0,591	6	0,694	6	
	M5130.064-B26-04-15	2,500	1,000	1,575		0,591	4	1,096	4	
	M5130.064-B26-06-15	2,500	1,000	1,575		0,591	6	1,146	6	
	M5130.064-B26-07-15	2,500	1,000	1,575		0,591	7	1,131	7	
	M5130.076-B26-05-15	3,000	1,000	2,000		0,591	5	2,502	5	
	M5130.076-B26-07-15	3,000	1,000	2,000		0,591	7	2,008	7	
	M5130.076-B26-08-15	3,000	1,000	2,000		0,591	8	2,297	8	
	M5130.102-B38-05-15	4,000	1,500	2,500		0,591	5	5,269	5	
	M5130.102-B38-08-15	4,000	1,500	2,500		0,591	8	6,041	8	
	M5130.127-B38-07-15	5,000	1,500	2,500		0,591	7	7,542	7	
M5130.127-B38-10-15	5,000	1,500	2,500		0,591	10	8,201	10		
M5130.152-B38-08-15	6,000	1,500	2,500		0,591	8	10,437	8		
M5130.152-B38-12-15	6,000	1,500	2,500		0,591	12	10,229	12		

Bodies and assembly parts are included in the scope of delivery

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

D <sub>c</sub> [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	FS2300 (T15IP) 2,581 lbs	FS2300 (T15IP) 2,581 lbs	FS2300 (T15IP) 2,581 lbs
	Clamping screw for arbour-mounted tools			FS1523	FS1519	FS1583

### Accessories

D <sub>c</sub> [inch]		1–6
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	r inch	b inch	P						M					K					N		S			H									
					HC						HC					HC					HC	HW	HC			HC									
					WHH15X	WKP255	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP255	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X					
BCGT160508R-G55	G	2	0,031	0,079	☺	☺	☺	☺	☺	☺	☺	☺																							
BCHT160508R-K85	H	2	0,031	0,079																															
BCHT160512R-K85	H	2	0,047	0,067																															
BCHT160516R-K85	H	2	0,063	0,067																															
BCHT160520R-K85	H	2	0,079	0,059																															
BCHT160525R-K85	H	2	0,098	0,055																															
BCHT160530R-K85	H	2	0,118	0,047																															
BCHT160540R-K85	H	2	0,157	0,043																															
BCMT160508R-F55	M	2	0,031	0,079	☺	☺	☺	☺	☺			☺	☺	☺	☺	☺	☺	☺	☺																
BCMT160508R-G55	M	2	0,031	0,079	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺																
BCMT160512R-G55	M	2	0,047	0,067		☺	☺	☺	☺							☺	☺	☺	☺																
BCMT160516R-G55	M	2	0,063	0,059		☺	☺	☺	☺							☺	☺	☺	☺																
BCMT160520R-G55	M	2	0,079	0,059		☺	☺	☺	☺							☺	☺	☺	☺																
BCMT160525R-G55	M	2	0,098	0,055		☺	☺	☺	☺							☺	☺	☺	☺																
BCMT160530R-G55	M	2	0,118	0,047		☺	☺	☺	☺							☺	☺	☺	☺																
BCMT160532R-G55	M	2	0,126	0,043		☺	☺	☺	☺							☺	☺	☺	☺																
BCMT160540R-G55	M	2	0,157	0,043		☺	☺	☺	☺							☺	☺	☺	☺																
BCMT160550R-G55	M	2	0,197	0,028		☺	☺	☺	☺							☺	☺	☺	☺																
BCMT160560R-G55	M	2	0,236	0,004		☺	☺	☺	☺							☺	☺	☺	☺																
BCMT160508R-K55	M	2	0,031	0,079		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺																
BCGX1605PDR-G55	G	2	0,031	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 = ☺

# Shoulder milling cutters

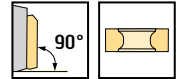
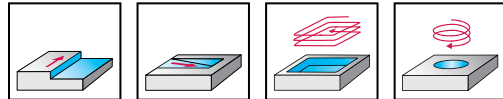
M5137 mm

TNMU11T304R

Xtra-tec® XT



– 6 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5137	●	●	●	●	●		

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>DIN 1835 B</p>	M5137-025-W25-03-05	25	25	40	96	5	3	0,3	3	TNMU11T304R
	M5137-032-W32-04-05	32	32	40	101	5	4	0,53	4	
	M5137-032-W32-05-05	32	32	40	101	5	5	0,53	5	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5137-040-B16-05-05	40	16	40		5	5	0,19	5	TNMU11T304R
	M5137-040-B16-06-05	40	16	40		5	6	0,19	6	
	M5137-050-B22-06-05	50	22	40		5	6	0,29	6	
	M5137-050-B22-08-05	50	22	40		5	8	0,29	8	
	M5137-063-B22-07-05	63	22	40		5	7	0,48	7	
	M5137-063-B22-09-05	63	22	40		5	9	0,48	9	

Bodies and assembly parts are included in the scope of delivery

D2

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [mm]	25-63
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm

### Accessories

	D <sub>c</sub> [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	☺	☺	☺	☺	☺	☺	☺	☺	☺
TNMU11T304R-G57	M	6	0,4	1	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = beschichtetes Hartmetall

# Shoulder milling cutters

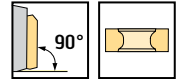
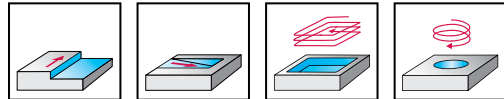
M5137 inch

TNMU11T304R

Xtra-tec® XT



– 6 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5137	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
<p>DIN 1835 B</p>	M5137.026-W26-03-05	1,000	1,000	1,181	3,462	0,197	3	0,639	3	TNMU11T304R
	M5137.031-W31-04-05	1,250	1,250	1,181	3,462	0,197	4	1,014	4	
	M5137.031-W31-05-05	1,250	1,250	1,181	3,462	0,197	5	0,992	5	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5137.038-B19-05-05	1,500	0,750	1,500		0,197	5	0,331	5	TNMU11T304R
	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	1,786	7	
	M5137.064-B26-09-05	2,500	1,000	1,500		0,197	9	1,146	9	

Bodies and assembly parts are included in the scope of delivery



### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [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	☺	☺	☺	☺	☺	☺
TNMU11T304R-G57	M	6	0,016	0,039	☺	☺	☺	☺	☺	☺

HC = beschichtetes Hartmetall

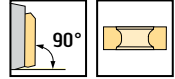
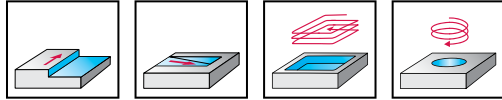
# Shoulder milling cutters

M5137

TNMU160508R

Xtra-tec® XT

– 6 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5137	●	●	●	●	●		

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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	TNMU160508R
	M5137-050-B22-05-08	50	22	40	8	5	0,25	5	
	M5137-063-B22-05-08	63	22	40	8	5	0,45	5	
	M5137-063-B22-07-08	63	22	40	8	7	0,42	7	
	M5137-080-B27-07-08	80	27	50	8	7	1,13	7	
	M5137-080-B27-09-08	80	27	50	8	9	0,94	9	
	M5137-100-B32-08-08	100	32	50	8	8	1,63	8	
	M5137-100-B32-11-08	100	32	50	8	11	1,62	11	

Bodies and assembly parts are included in the scope of delivery

D2

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [mm]	50–100
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 2 Nm

### Accessories

	D <sub>c</sub> [mm]	50–100
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M	K	S		
					HC		HC	HC	HC		
					WKP25S	WKP35G	WSP45G	WKP25S	WKP35G	WSP45G	
	TNMU160508R-G27	M	6	0.8	1.6						
	TNMU160508R-G57	M	6	0.8	1.6						

HC = beschichtetes Hartmetall

## Shoulder milling cutters

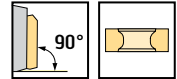
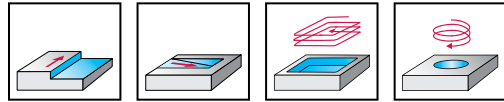
M5137 inch

TNMU160508R

Xtra-tec® XT



– 6 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5137	●	●	●	●	●		

Tool	Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	L <sub>c</sub> 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	TNMU160508R
	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	

Bodies and assembly parts are included in the scope of delivery

### Assembly parts

	D <sub>c</sub> [inch]	2	2,5-3	4
	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 <sub>c</sub> [inch]	2-4
	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	S
					HC	HC	HC	HC	
					WKP255	WKP356	WKP355	WSP45G	WSP45G
TNMU160508R-G27	M	6	0,031	0,063					
TNMU160508R-G57	M	6	0,031	0,063					

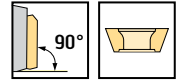
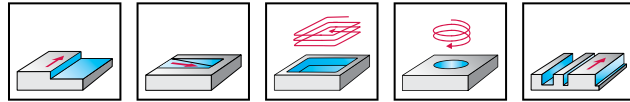
HC = beschichtetes Hartmetall

# Shoulder milling cutters

M4130



– 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4130	●	●	●	●	●		

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>DIN 1835 B</p>	M4130-016-W16-02-08	16	16	40	90	8	2	0,12	2	LDM . 08T204R
	M4130-020-W20-03-08	20	20	38	90	8	3	0,18	3	
	M4130-025-W25-04-08	25	25	42	100	8	4	0,32	4	
	M4130-032-W32-04-13	32	32	49	110	13	4	0,58	4	LDM . 14T308R
<p>Shell mill mount DIN 138 transverse keyway</p>	M4130-040-B16-05-13	40	16	40		13	5	0,2	5	LDM . 14T308R
	M4130-050-B22-05-16	50	22	40		16	5	0,27	5	LDM . 1704 .. R
	M4130-050-B22-06-13	50	22	40		13	6	0,36	6	LDM . 14T308R
	M4130-063-B27-06-16	63	27	50		16	6	0,65	6	LDM . 1704 .. R
	M4130-080-B27-07-16	80	27	50		16	7	0,92	7	

Bodies and assembly parts are included in the scope of delivery

### 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	WSP45S	WSM35G	WSM35S	WSP45G	WSP45S	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G
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	☺	☺								☺	☺						

HC = beschichtetes Hartmetall

D2

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

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

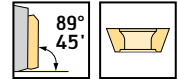
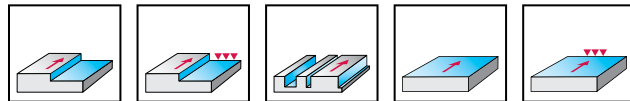
Shoulder milling cutters D 495

# Shoulder milling cutters

M4132



– 4 cutting edges per indexable insert



M4132	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
ScrewFit	M4132-016-T14-02-06	16	T14	25		5,6	2	0,04	2	SD .. 06T2 .. SDGT06T2PDR
	M4132-020-T18-02-06	20	T18	30		5,6	2	0,07	2	
	M4132-020-T18-03-06	20	T18	30		5,6	3	0,07	3	
	M4132-025-T22-02-09	25	T22	35		8,4	2	0,12	2	SD .. 09T3 .. SDGT09T3PDR
	M4132-025-T22-03-06	25	T22	35		5,6	3	0,11	3	SD .. 06T2 .. SDGT06T2PDR
	M4132-025-T22-04-06	25	T22	35		5,6	4	0,13	4	
	M4132-032-T28-03-09	32	T28	40		8,4	3	0,21	3	SD .. 09T3 .. SDGT09T3PDR
Cylindrical modular	M4132-040-T36-04-09	40	T36	40		8,4	4	0,36	4	
	M4132-050-T45-06-09	50	T45	40		8,4	6	0,55	6	
	M4132-016-TC08-02-06	16	M8	25		5,6	2	0,03	2	SD .. 06T2 .. SDGT06T2PDR
	M4132-020-TC10-02-06	20	M10	30		5,6	2	0,06	2	
	M4132-020-TC10-03-06	20	M10	30		5,6	3	0,06	3	
	M4132-025-TC12-02-09	25	M12	35		8,4	2	0,1	2	SD .. 09T3 .. SDGT09T3PDR
	M4132-025-TC12-03-06	25	M12	35		5,6	3	0,1	3	SD .. 06T2 .. SDGT06T2PDR
Shell mill mount DIN 138 transverse keyway	M4132-025-TC12-04-06	25	M12	35		5,6	4	0,1	4	
	M4132-032-TC16-02-09	32	M16	40		8,4	2	0,2	2	SD .. 09T3 .. SDGT09T3PDR
	M4132-032-TC16-03-09	32	M16	40		8,4	3	0,18	3	
	M4132-040-B16-04-09	40	16	40		8,4	4	0,22	4	SD .. 09T3 .. SDGT09T3PDR
	M4132-040-B16-05-09	40	16	40		8,4	5	0,22	5	
	M4132-050-B22-04-09	50	22	40		8,4	4	0,33	4	
	M4132-050-B22-04-12	50	22	40		11,6	4	0,31	4	SD .. 1204 .. SDGT1204PDR
	M4132-050-B22-05-12	50	22	40		11,6	5	0,32	5	
	M4132-050-B22-06-09	50	22	40		8,4	6	0,35	6	SD .. 09T3 .. SDGT09T3PDR
	M4132-063-B22-05-09	63	22	40		8,4	5	0,55	5	
	M4132-063-B22-05-12	63	22	40		11,6	5	0,5	5	SD .. 1204 .. SDGT1204PDR
	M4132-063-B22-06-12	63	22	40		11,6	6	0,54	6	
	M4132-063-B22-07-09	63	22	40		8,4	7	0,58	7	SD .. 09T3 .. SDGT09T3PDR
	M4132-080-B27-06-09	80	27	50		8,4	6	1,14	6	
	M4132-080-B27-06-12	80	27	50		11,6	6	1	6	SD .. 1204 .. SDGT1204PDR
M4132-080-B27-08-09	80	27	50		8,4	8	1,17	8	SD .. 09T3 .. SDGT09T3PDR	
M4132-080-B27-08-12	80	27	50		11,6	8	1,12	8	SD .. 1204 .. SDGT1204PDR	
M4132-100-B32-07-12	100	32	50		11,6	7	1,8	7		
M4132-100-B32-09-12	100	32	50		11,6	9	1,83	9		
M4132-125-B40-08-12	125	40	63		11,6	8	3,37	8		
M4132-125-B40-10-12	125	40	63		11,6	10	3,42	10		

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊



### Assembly parts

Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

### Accessories

Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
Torque screwdriver, analogue	FS2001	FS2003	FS2003
Torque screwdriver, digital		FS2248	FS2248
Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M				K				N			S		
					HC				HC				HC				DP	HC	HW	HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WKN15	WKC10	WSM35G
SDGT06T2PDR-D57	G	4	0,4	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDGT09T3PDR-D57	G	4	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDGT1204PDR-D57	G	4	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SDGW120408-A88	G	1	0,8														☺					
SDHT06T204-G88	H	4	0,4		☺	☺	☺	☺									☺	☺				
SDMT06T204-D51	M	4	0,4		☺	☺	☺	☺														☺
SDMT06T204-D57	M	4	0,4		☺	☺	☺	☺														☺
SDMT06T204-F57	M	4	0,4		☺	☺	☺	☺														☺
SDMT06T208-F57	M	4	0,8			☺	☺	☺														☺
SDMT06T212-F57	M	4	1,2			☺	☺	☺														☺
SDMW06T204-A57	M	4	0,4		☺	☺	☺															☺
SDHT09T304-G88	H	4	0,4															☺	☺			
SDHT09T308-G88	H	4	0,8															☺	☺			
SDMT09T308-D51	M	4	0,8		☺	☺	☺	☺														☺
SDMT09T308-D57	M	4	0,8		☺	☺	☺	☺														☺
SDMT09T304-F57	M	4	0,4			☺	☺	☺														☺
SDMT09T308-F57	M	4	0,8		☺	☺	☺	☺														☺
SDMT09T312-F57	M	4	1,2			☺	☺	☺														☺
SDMT09T316-F57	M	4	1,6			☺	☺	☺														☺
SDMT09T320-F57	M	4	2			☺	☺	☺														☺
SDMW09T308-A57	M	4	0,8		☺	☺	☺															☺
SDMW09T320-A57	M	4	2			☺	☺															☺
SDGW09T304-A88	G	1	0,4															☺				
SDHT120408-G88	H	4	0,8															☺	☺			
SDMT120408-F57	M	4	0,8		☺	☺	☺	☺														☺
SDMT120412-F57	M	4	1,2			☺	☺	☺														☺
SDMT120416-F57	M	4	1,6			☺	☺	☺														☺
SDMT120420-F57	M	4	2			☺	☺	☺														☺
SDMT120425-F57	M	4	2,5			☺	☺	☺														☺
SDMT120408-D51	M	4	0,8		☺	☺	☺	☺														☺
SDMT120408-D57	M	4	0,8		☺	☺	☺	☺														☺
SDMW120408-A57	M	4	0,8		☺	☺	☺															☺
SDMW120425-A57	M	4	2,5		☺	☺	☺															☺

SD..06T2.. : If the corner radius r is greater than 0.4 mm, the corner area of the body must be reworked.

SD..09T3.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.

SD..1204.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.

R<sub>(body)</sub> = r<sub>(indexable insert)</sub>

HC = Coated carbide

DP = Polycrystalline diamond

HW = Uncoated carbide

### WALTER SELECT

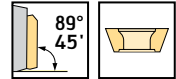
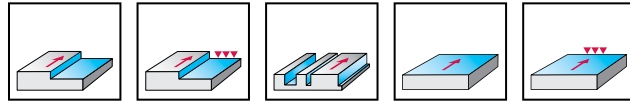
Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☹

# Shoulder milling cutters

M4132



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4132	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>DIN 1835 B</p>	M4132-016-W16-02-06	16	16	31	80	5,6	2	0,12	2	SD .. 06T2 .. SDGT06T2PDR
	M4132-020-W20-02-06	20	20	39	90	5,6	2	0,2	2	
	M4132-020-W20-03-06	20	20	39	90	5,6	3	0,19	3	
	M4132-025-W25-02-09	25	25	43	100	8,4	2	0,34	2	SD .. 09T3 .. SDGT09T3PDR
	M4132-025-W25-03-06	25	25	43	100	5,6	3	0,35	3	SD .. 06T2 .. SDGT06T2PDR
	M4132-025-W25-04-06	25	25	43	100	5,6	4	0,35	4	
	M4132-032-W32-02-09	32	32	49	110	8,4	2	0,61	2	SD .. 09T3 .. SDGT09T3PDR
	M4132-032-W32-03-09	32	32	49	110	8,4	3	0,61	3	
	M4132-040-W40-04-09	40	40	49	120	8,4	4	1,07	4	

Bodies and assembly parts are included in the scope of delivery

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					DP	HC	HW	HC				
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WKN15	WKC10	WSM35G	WSM35S	WSM45X	WSP45G
SDGT06T2PDR-D57	G	4	0,4	1,2	☺	☺	☺	☺	☺	☺	☺	☺								☺	☺	☺	☺	☺	☺
SDGT09T3PDR-D57	G	4	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺								☺	☺	☺	☺	☺	☺
SDGT1204PDR-D57	G	4	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺								☺	☺	☺	☺	☺	☺
SDGW120408-A88	G	1	0,8														☺								
SDHT06T204-G88	H	4	0,4		☺	☺	☺	☺									☺	☺							
SDMT06T204-D51	M	4	0,4		☺	☺	☺	☺																	
SDMT06T204-D57	M	4	0,4		☺	☺	☺	☺																	
SDMT06T204-F57	M	4	0,4		☺	☺	☺	☺	☺																
SDMT06T208-F57	M	4	0,8		☺	☺	☺	☺																	
SDMT06T212-F57	M	4	1,2		☺	☺	☺	☺																	
SDMW06T204-A57	M	4	0,4		☺	☺	☺	☺																	
SDHT09T304-G88	H	4	0,4														☺	☺							
SDHT09T308-G88	H	4	0,8														☺	☺							
SDMT09T308-D51	M	4	0,8		☺	☺	☺	☺																	
SDMT09T308-D57	M	4	0,8		☺	☺	☺	☺																	
SDMT09T304-F57	M	4	0,4		☺	☺	☺	☺	☺																
SDMT09T308-F57	M	4	0,8		☺	☺	☺	☺	☺																
SDMT09T312-F57	M	4	1,2		☺	☺	☺	☺																	
SDMT09T316-F57	M	4	1,6		☺	☺	☺	☺																	
SDMT09T320-F57	M	4	2		☺	☺	☺	☺																	
SDMW09T308-A57	M	4	0,8		☺	☺	☺	☺																	
SDMW09T320-A57	M	4	2		☺	☺	☺	☺	☺																
SDGW09T304-A88	G	1	0,4														☺								
SDHT120408-G88	H	4	0,8														☺	☺							
SDMT120408-F57	M	4	0,8		☺	☺	☺	☺	☺																
SDMT120412-F57	M	4	1,2		☺	☺	☺	☺																	
SDMT120416-F57	M	4	1,6		☺	☺	☺	☺																	
SDMT120420-F57	M	4	2		☺	☺	☺	☺																	
SDMT120425-F57	M	4	2,5		☺	☺	☺	☺																	
SDMT120408-D51	M	4	0,8		☺	☺	☺	☺																	
SDMT120408-D57	M	4	0,8		☺	☺	☺	☺																	
SDMW120408-A57	M	4	0,8		☺	☺	☺	☺																	
SDMW120425-A57	M	4	2,5		☺	☺	☺	☺	☺																

SD..06T2.. : If the corner radius r is greater than 0.4 mm, the corner area of the body must be reworked.  
 SD..09T3.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.  
 SD..1204.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.  
 R<sub>(body)</sub> = r<sub>(indexable insert)</sub>

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

### WALTER SELECT

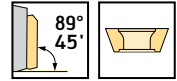
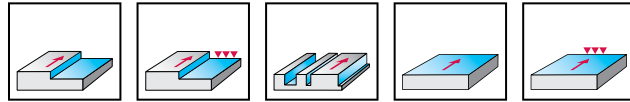
Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

# Shoulder milling cutters

M4132 inch



– 4 cutting edges per indexable insert



M4132	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
<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
<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	

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		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					DP		HC	HW		HC							
					WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM35S	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	☺	☺	☺	☺	☺	☺	☺	☺	☺																	
SDGW120408-A88	G	1	0,031																			☺								
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				☺	☺	☺	☺	☺	☺	☺																	
SDGW09T304-A88	G	1	0,016																				☺							
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				☺	☺	☺	☺	☺	☺	☺																	

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<sub>(body)</sub> = r<sub>(indexable insert)</sub>  
HC = Coated carbide  
DP = Polycrystalline diamond  
HW = Uncoated carbide

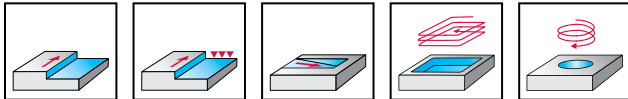
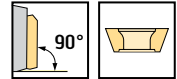
**WALTER SELECT** Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

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

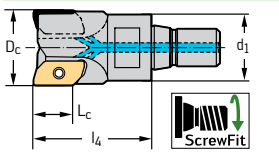
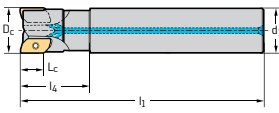
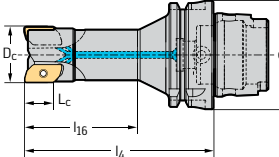
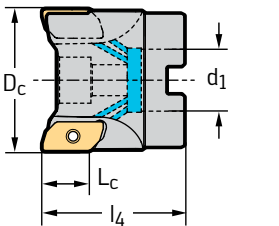
# Ramping milling cutters

**M2131** mm


- For pocket machining
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
M2131				●●			●

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	h <sub>16</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
 ScrewFit	M2131-025-T22-02-15	25	T22	45			15	2	0,12	2	ZD .. 15 . 4 ..
	M2131-032-T28-02-15	32	T28	50			15	2	0,23	2	
	M2131-032-T28-02-20	32	T28	50			20	2	0,19	2	ZD .. 20 . 5 ..
	M2131-032-T28-03-15	32	T28	50			15	3	0,21	3	ZD .. 15 . 4 ..
	M2131-040-T36-02-20	40	T36	50			20	2	0,35	2	ZD .. 20 . 5 ..
 Cylindrical shank	M2131-040-T36-03-15	40	T36	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 ..
 HSK DIN 69893-1 A	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	
	M2131-040-H63-02-20	40	63	110	65		20	2	1,22	2	ZD .. 20 . 5 ..
	M2131-050-H63-03-20	50	63	110	80		20	3	1,43	3	
	M2131-050-H63-04-15	50	63	110	80		15	4	0,21	4	ZD .. 15 . 4 ..
 Shell mill mount DIN 138 transverse keyway	M2131-050-H80-03-20-D	50	80	110	80		20	3	1,89	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	0,44	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	0,52	4	ZD .. 20 . 5 ..
	M2131-063-B22-05-15	63	22	50			15	5	0,61	5	ZD .. 15 . 4 ..
	M2131-080-B27-05-15	80	27	60			15	5	1,39	5	

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

### 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	WN15	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				☺	
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 (body) = r (indexable insert) - 1 mm

HC = Coated carbide  
HW = Uncoated carbide

### WALTER SELECT

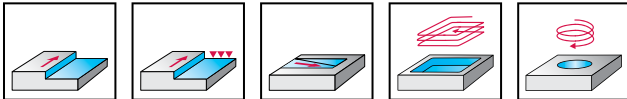
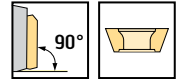
Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☹☹

# Ramping milling cutters

## M2131 inch



- For pocket machining
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
M2131				●●			●

Tool	Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
<p>ScrewFit</p>	M2131.026-T22-02-15	1,000	T22	1,752		0,591	2	0,026	2	ZD .. 15 . 4 ..
	M2131.031-T28-02-15	1,250	T28	2,000		0,591	2	0,511	2	
	M2131.031-T28-03-15	1,250	T28	2,000		0,591	3	0,465	3	
	M2131.038-T36-03-15	1,500	T36	2,000		0,591	3	0,838	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



### 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	
						WN15	WXN15	WK10	WMG40
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					☺
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 (body) = r (indexable insert) - 1 mm

HC = Coated carbide  
 HW = Uncoated carbide

**WALTER SELECT**

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

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

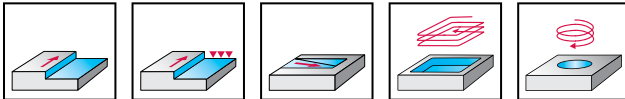
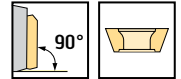
Shoulder milling cutters D 505

D2

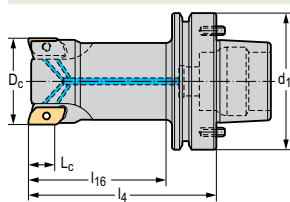
# Ramping milling cutters

**M2331** 

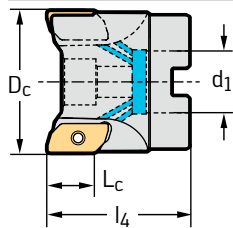

- For pocket machining
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
M2331				●			●

**Tool**


Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>16</sub> mm	L <sub>c</sub> 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


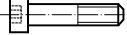
Pre-balanced tools | For information on high-speed applications, see "Technical information/Information on high-speed applications" | Tools with HSK have a residual imbalance of 3 gmm – with chip hole, without chip | M2331-...-MA special interface for Makino (similar to HSK-A DIN 69893) | Bodies and assembly parts are included in the scope of delivery

D2


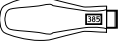

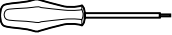
**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊


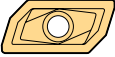












## Assembly parts

	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	
 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	
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:  
 $R(\text{body}) = r(\text{indexable insert}) - 1 \text{ mm}$

HW = Uncoated carbide

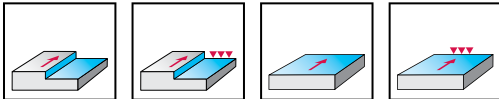
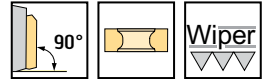
# Close pitch cutter

M2136

SNEF120408R; SNEX1204PN ..



- 8 cutting edges per indexable insert
- Axial repositioning not possible



	P	M	K	N	S	H	O
M2136			●●				

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [mm]	50–160
	Clamping wedge	FK377
	Clamping screw for clamping wedge	FS2185 (T10IP) 4 Nm

### Accessories

	D <sub>c</sub> [mm]	50–160
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2268 (T10IP)
	Screwdriver	FS2267 (T10IP)

### Indexable inserts

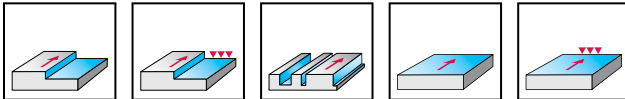
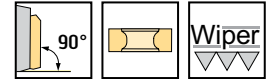
Designation	Tolerance class	Number of cutting edges	r mm	b mm	P	K						H
					HC	WAK15	WHH15X	HC	WKK25G	WKK25S	WKP35G	WHH15X
SNEF120408R-B67	E	8	0.8	2.1								
SNEX1204PNN-A27	E	4	1.2	10.3								
SNEX1204PNR-B67	E	4	0.8	10.8								

HC = beschichtetes Hartmetall

# Shoulder milling cutters

**F5041** mm
**LNH . 0904 .. R**  
**Walter BLAXX**


- Tangential arrangement of indexable inserts
- 4 cutting edges per indexable insert



F5041	P	M	K	N	S	H	O
	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
 ScrewFit	F5041.T22.025.Z03.08	25	T22	35		8	3	0,12	3	LNH . 0904 .. R
	F5041.T22.025.Z04.08	25	T22	35		8	4	0,11	4	
	F5041.T28.032.Z04.08	32	T28	40		8	4	0,22	4	
	F5041.T28.032.Z05.08	32	T28	40		8	5	0,22	5	
 DIN 1835 B	F5041.W25.025.Z03.08	25	25	43	100	8	3	0,34	3	LNH . 0904 .. R
	F5041.W25.025.Z04.08	25	25	43	100	8	4	0,34	4	
	F5041.W32.032.Z04.08	32	32	49	110	8	4	0,61	4	
	F5041.W32.032.Z05.08	32	32	49	110	8	5	0,61	5	
	F5041.W32.040.Z06.08	40	32	49	110	8	6	0,79	6	
 Cylindrical shank	F5041.Z25.025.Z03.08	25	25	38	200	8	3	0,74	3	LNH . 0904 .. R
	F5041.Z25.025.Z04.08	25	25	38	200	8	4	0,74	4	
	F5041.Z32.032.Z04.08	32	32	39	250	8	4	1,5	4	
	F5041.Z32.032.Z05.08	32	32	39	250	8	5	1,5	5	
 Shell mill mount DIN 138 transverse keyway	F5041.B16.040.Z04.08	40	16	40		8	4	0,3	4	LNH . 0904 .. R
	F5041.B16.040.Z06.08	40	16	40		8	6	0,36	6	
	F5041.B22.050.Z05.08	50	22	40		8	5	0,49	5	
	F5041.B22.050.Z07.08	50	22	40		8	7	0,51	7	
	F5041.B22.063.Z07.08	63	22	40		8	7	0,74	7	
	F5041.B22.063.Z10.08	63	22	40		8	10	0,82	10	

constructively balanced | Bodies and assembly parts are included in the scope of delivery

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [mm]	25-63
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm

### Accessories

	D <sub>c</sub> [mm]	25-63
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M				K				N		S			H						
					HC				HC				HC				HC	HW	HC			HC						
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X	
	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<sub>c</sub>=25 mm.

HC = Coated carbide  
HW = Uncoated carbide

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

# Shoulder milling cutters

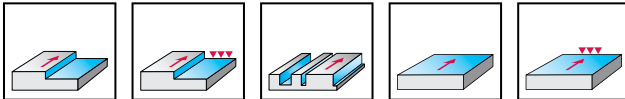
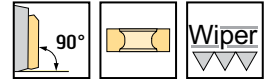
F5041 inch

LNH . 0904 .. R

Walter BLAXX



- Tangential arrangement of indexable inserts
- 4 cutting edges per indexable insert



F5041	P	M	K	N	S	H	O
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Tool	Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
<p>DIN 1835 B</p>	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>Cylindrical shank</p>	F5041.UZ26.026.Z03.08	1,000	1,000	1,97	8,000	0,315	3	1,64	3	LNH . 0904 .. R
<p>Shell mill mount DIN 138 transverse keyway</p>	F5041.UB19.051.Z05.08	2,000	0,750	1,575		0,315	5	1,371	5	LNH . 0904 .. R

constructively balanced | 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 <sub>c</sub> [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 <sub>c</sub> [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	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	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<sub>c</sub>=25 mm.

HC = Coated carbide  
HW = Uncoated carbide

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

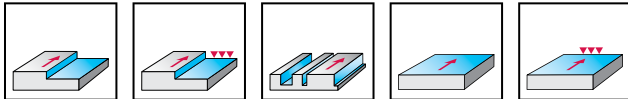
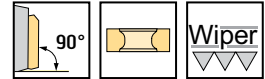
# Shoulder milling cutters

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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
 ScrewFit	F5141.T36.040.Z05.12	40	T36	40		12	5	0,36	5	LNH . 1306 .. R
	F5141.T45.050.Z06.12	50	T45	40		12	6	0,51	6	
 DIN 1835 B	F5141.W32.040.Z03.12	40	32	49	110	12	3	0,69	3	LNH . 1306 .. R
	F5141.W32.040.Z05.12	40	32	49	110	12	5	0,74	5	
 Cylindrical shank	F5141.Z32.040.Z03.12	40	32	44	250	12	3	1,57	3	LNH . 1306 .. R
 Shell mill mount DIN 138 transverse keyway	F5141.B16.040.Z04.12	40	16	40		12	4	0,33	4	LNH . 1306 .. R
	F5141.B16.040.Z05.12	40	16	40		12	5	0,22	5	
	F5141.B22.050.Z05.12	50	22	40		12	5	0,35	5	
	F5141.B22.050.Z06.12	50	22	40		12	6	0,45	6	
	F5141.B22.063.Z06.12	63	22	40		12	6	0,8	6	
	F5141.B22.063.Z08.12	63	22	40		12	8	0,71	8	
	F5141.B27.080.Z07.12	80	27	50		12	7	1,29	7	
	F5141.B27.080.Z10.12	80	27	50		12	10	1,27	10	
	F5141.B32.100.Z09.12	100	32	50		12	9	2,72	9	
	F5141.B32.100.Z13.12	100	32	50		12	13	2,68	13	
	F5141.B40.125.Z11.12	125	40	63		12	11	3,3	11	
	F5141.B40.125.Z16.12	125	40	63		12	16	4,35	16	

constructively balanced | Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [mm]	40–160
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm

### Accessories

	D <sub>c</sub> [mm]	40–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P					M					K					N		S			H								
					HC					HC					HC					HC	HW	HC			HC								
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	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<sub>c</sub>=40 mm.

HC = Coated carbide  
 HW = Uncoated carbide

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

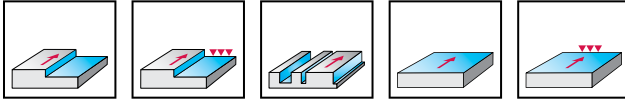
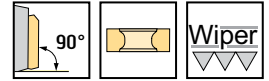
## Shoulder milling cutters

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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> 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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [mm]	40–160
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm

### Accessories

	D <sub>c</sub> [mm]	40–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P					M					K					N		S			H								
					HC					HC					HC					HC	HW	HC			HC								
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	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<sub>c</sub>=40 mm.

HC = Coated carbide  
 HW = Uncoated carbide

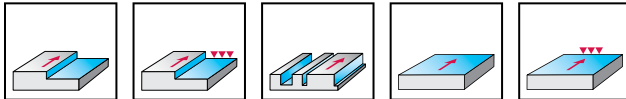
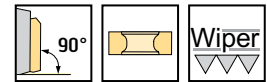
**WALTER SELECT** Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

# Shoulder milling cutters

**F5141** inch

**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 <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
 ScrewFit	F5141.UT36.038.Z04.12	1,500	T36	1,575		0,472	4	0,747	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
 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.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.Z09.12	4,000	1,500	2,480		0,472	9	7,538	9	
	F5141.UB38.127.Z11.12	5,000	1,500	2,480		0,472	11	10,132	11	
 Shell mill mount DIN 138 transverse keyway	F5141.UB38.152.Z13.12	6,000	1,500	2,480		0,472	13	13,316	13	LNH . 1306 .. R

Screwdriver included in the scope of delivery | 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 <sub>c</sub> [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 <sub>c</sub> [inch]		1,5-6
	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					HC					HC	HW	HC			HC									
					WHH15X	WKP255	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP255	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X				
	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<sub>C</sub>=40 mm.

HC = Coated carbide  
 HW = Uncoated carbide

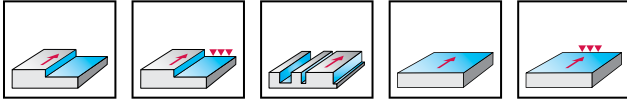
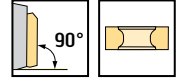
# Shoulder milling cutters

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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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	1,84	8	
	F5241.B40.125.Z10.15	125	40	63	15	10	4,21	10	
<p>Shell mill mount DIN 138 transverse keyway</p>	F5241.B40.160.Z12.15	160	40	63	15	12	5,4	12	LNHU1607 .. R

constructively balanced | Bodies and assembly parts are included in the scope of delivery

D2

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊



### Assembly parts

	D <sub>c</sub> [mm]	50	63–160
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm	FS2112 (T20IP) 5 Nm

### Accessories

	D <sub>c</sub> [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

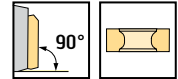
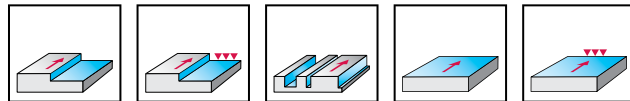
Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M				K				S	
					HC				HC				HC				HC	
					WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WKK25G	WKK25S	WKP255	WKP35G	WKP35S	WSM35G	WSM35S
	LNHU160708R-L55T	H	4	0,8	2,3	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
	LNHU160712R-L55T	H	4	1,2	1,9													
	LNHU160716R-L55T	H	4	1,6	1,6													

HC = beschichtetes Hartmetall

# 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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	z	kg	No. of inserts	Type
<p>ScrewFit</p>	F4041.T36.040.Z03.13	40	T36	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>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	0,43	3	
	F4041.B22.050.Z04.13	50	22	40		13	4	0,3	4	
	F4041.B22.063.Z04.13	63	22	40		13	4	0,76	4	
	F4041.B22.063.Z06.13	63	22	40		13	6	0,75	6	
	F4041.B27.063.Z04.13	63	27	50		13	4	0,9	4	
	F4041.B27.080.Z05.13	80	27	50		13	5	1,22	5	
	F4041.B27.080.Z07.13	80	27	50		13	7	1,23	7	
	F4041.B32.100.Z05.13	100	32	50		13	5	2,66	5	
	F4041.B32.100.Z08.13	100	32	50		13	8	2,64	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

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [mm]	40–125
	Clamping screw for indexable insert Tightening torque	FS1458 (T15IP) 2,5 Nm

### Accessories

	D <sub>c</sub> [mm]	40–125
	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				N		S	
					HC				HC			HC				HC	HW	HC	
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10
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

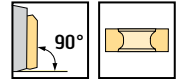
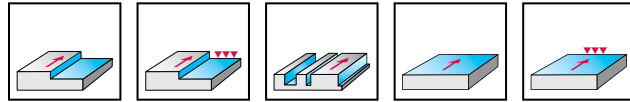
F4041 inch

LNGX1307 .. R

Xtra-tec®



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
F4041	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
<p>ScrewFit</p>	F4041.UT36.038.Z03.13	1,500	T36	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

### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [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	r inch	b inch	P			M			K			N		S						
					HC	HC	HC	HC	HC	HC	HC	HC	HW	HC	HC	HC						
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSP45G
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.

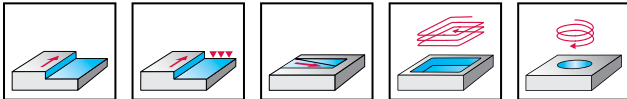
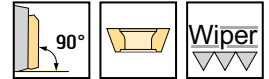
R<sub>(body)</sub> = r<sub>(indexable insert)</sub>

HC = Coated carbide  
HW = Uncoated carbide

# Shoulder milling cutters

**F4042R** 
**AD .. 10T3 .. R**
**Xtra-tec®**


- 2 cutting edges per indexable insert
- Reinforced design



	P	M	K	N	S	H	O
F4042R	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>ScrewFit</p>	F4042R.T14.016.Z02.10	16	T14	25		10	2	0,04	2	AD .. 10T3 .. R
	F4042R.T18.020.Z03.10	20	T18	30		10	3	0,06	3	
	F4042R.T22.025.Z03.10	25	T22	35		10	3	0,12	3	
	F4042R.T28.032.Z04.10	32	T28	35		10	4	0,18	4	
	F4042R.T28.032.Z05.10	32	T28	35		10	5	0,19	5	
<p>DIN 1835 B</p>	F4042R.W32.032.Z05.10	32	32	30	110	10	5	0,62	5	AD .. 10T3 .. R
<p>Shell mill mount DIN 138 transverse keyway</p>	F4042R.B22.050.Z05.10	50	22	40		10	5	0,38	5	AD .. 10T3 .. R
	F4042R.B22.050.Z07.10	50	22	40		10	7	0,39	7	
	F4042R.B22.063.Z06.10	63	22	40		10	6	0,65	6	
<p>Cylindrical shank</p>	F4042R.Z20.020.Z02.10	20	20	30	200	10	2	0,46	2	AD .. 10T3 .. R
	F4042R.Z32.032.Z03.10	32	32	40	200	10	3	1,18	3	

constructively balanced | Bodies and assembly parts are included in the scope of delivery

D2

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

**Assembly parts**

	D <sub>c</sub> [mm]	16-63
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm

**Accessories**

	D <sub>c</sub> [mm]	16-63
	Torque screwdriver, analogue	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

**Indexable inserts**

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P						M					K					N		S						
					HC						HC					HC					HC	HW	HC						
					WHH15	WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WXMI5	WSM35G	WSM35S	WSM45X	WSP45G	WSP45S	WXMI5	WHH15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXMI5	WXNI5	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																									
ADGX10T3PER-F56	G	2	0,8	5																									

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

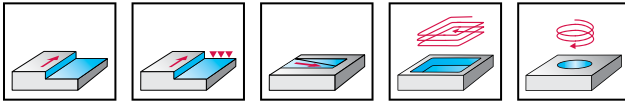
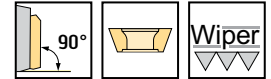
F4042R inch

AD .. 10T3 .. R

Xtra-tec®



- 2 cutting edges per indexable insert
- Reinforced design



	P	M	K	N	S	H	O
F4042R	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
 ScrewFit	F4042R.UT18.019.Z03.10	0,750	T18	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	
 DIN 1835 B	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	
 Cylindrical shank	F4042R.UB19.051.Z05.10	2,000	0,750	1,575		0,394	5	0,926	5	AD .. 10T3 .. 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 <sub>c</sub> [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 <sub>c</sub> [inch]	0,625-2
	Torque screwdriver, analogue	FS2002
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	r [inch]	b [inch]	P						M					K					N		S						
					HC						HC					HC					HC	HW	HC						
					WHH15	WKP255	WKP35G	WKP35S	WSP45G	WSP45S	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WSP45S	WXM15	WHH15	WKK25G	WKK25S	WKP255	WKP35G	WKP35S	WXM15	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			☉	☉	☉	☉	☉																	
	ADGX10T3PER-F56	G	2	0,031	0,197	☉							☉	☉						☉									

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

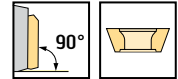
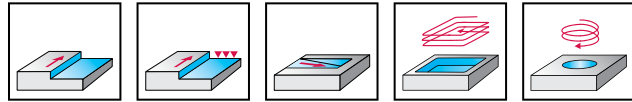
F4042

AD .. 1807 .. R

Xtra-tec®



– 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F4042	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<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
	F4042.B27.063.Z05.16	63	27	50	16,7	5	0,62	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	1,76	7		
F4042.B40.125.Z08.16	125	40	63	16,7	8	4,04	8		
<p>Shell mill mount DIN 138 transverse keyway</p>									

constructively balanced | Bodies and assembly parts are included in the scope of delivery

D2

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [mm]	63–160
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm

### Accessories

	D <sub>c</sub> [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

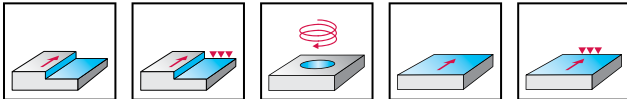
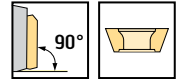
Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M		K			S		
					HC	HC	HC	HC	HC	HC				
					WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSP45G
ADGT1807PER-D51	G	2	1.2	1.8	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
ADGT1807PER-D56	G	2	1.2	1.8	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
ADMT180712R-D56	M	2	1.2	1.8	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
ADMT180712R-F56	M	2	1.2	1.8	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹

HC = beschichtetes Hartmetall

# 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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.11.R718M	125	40	63	11,7	8	3,91	8	
	 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.11.R718M	160	40	63	11,7	10	5,65	10
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 = 😊

### Assembly parts

	D <sub>c</sub> [mm]	80–315
	Cartridge for tool body	FR718M
	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 <sub>c</sub> [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								
					HC		HC				HC				HC	HW	HC								
					WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WSM35G	WSM35S	WSM45X	WSP45G	WSP45S	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSM45X
	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																					

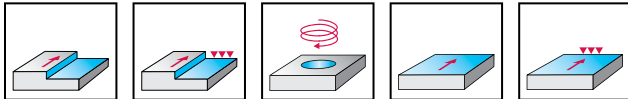
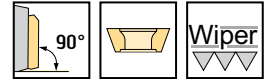
If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:  
R (body) = r (indexable insert) - 1 mm

HC = Coated carbide  
HW = Uncoated carbide

# Shoulder milling cutters

**F2010** mm
**AD .. 1606 .. R**


- Adjustable runout
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	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
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.15.R719M	125	40	63	15	8	3,65	8	
	 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.15.R719M	160	40	63	15	10	5,58	10
F2010.B.200.Z12.15.R719M		200	60	63	15	12	9,6	12	
F2010.B.250.Z12.15.R719M		250	60	63	15	12	16,1	12	
F2010.B.250.Z16.15.R719M		250	60	63	15	16	16,07	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.15.R719M	315	60	80	15	14	27,4	14	AD .. 1606 .. R
	F2010.B.315.Z18.15.R719M	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 <sub>c</sub> [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 <sub>c</sub> [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					
					WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WSP45S	WXM15	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35G	WSM35S
	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

ADGX1606PER-F56 wiper insert only in combination with ADGT1606PER-F56, ADGT1606PER-D67 or ADGT1606PER-G77

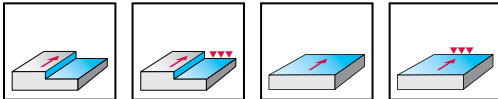
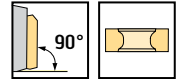
HC = Coated carbide

HW = Uncoated carbide

# 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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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 <sub>c</sub> [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 <sub>c</sub> [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			
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSP45G
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	☉	☉	☉	☉										☉	☉			

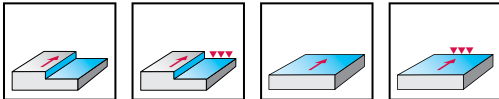
If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:  
 $R_{(body)} = r_{(indexable\ insert)}$

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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	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
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.08.R751M	125	40	63	8	8	3,5	8	
	 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.08.R751M	160	40	63	8	10	5,65	10
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	
 Shell mill mount DIN 138 transverse keyway	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 <sub>c</sub> [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 <sub>c</sub> [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					
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X	
	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	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
LNMX090404R-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 . .

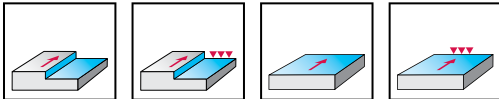
HC = Coated carbide  
HW = Uncoated carbide

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

# 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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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
	F2010.B.100.Z07.12.R752M	100	32	50	12	7	1,8	7	LNH . 1306 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.12.R752M	125	40	63	12	8	3,5	8	LNH . 1306 .. R
	F2010.B.160.Z10.12.R752M	160	40	63	12	10	5,5	10	LNH . 1306 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.200.Z12.12.R752M	200	60	63	12	12	9,86	12	LNH . 1306 .. R
	F2010.B.250.Z12.12.R752M	250	60	63	12	12	16,4	12	LNH . 1306 .. R
	F2010.B.250.Z16.12.R752M	250	60	63	12	16	14,5	16	LNH . 1306 .. R
 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	LNH . 1306 .. 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 = 😊

D2

### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [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		
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35G	WSM35S
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

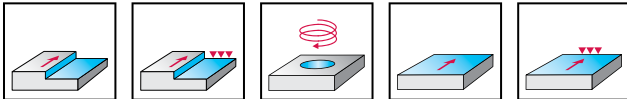
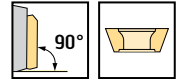
### WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

# 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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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	3,91	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 <sub>c</sub> [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 <sub>c</sub> [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					DP	HC	HW	HC						
			WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM35S	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	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺				☺	☺	☺	☺

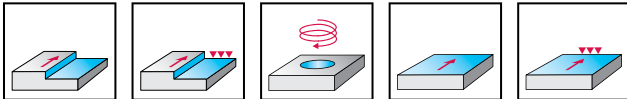
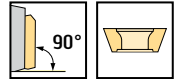
HC = beschichtetes Hartmetall  
 DP = Polykristaliner Diamant  
 HW = unbeschichtetes Hartmetall

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

# 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 <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	L <sub>c</sub> 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 = 😊

D2



Assembly parts		D <sub>c</sub> (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	FS1519

Accessories		D <sub>c</sub> (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				
			HC				HC				HC					DP	HC	HW	HC				
			WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM35S	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 = beschichtetes Hartmetall  
 DP = Polykristaliner Diamant  
 HW = unbeschichtetes Hartmetall

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

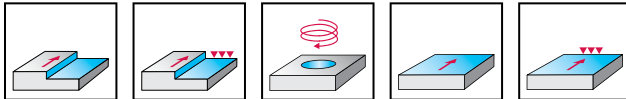
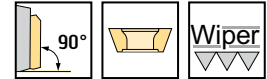
☉ ☉ ☉ / \* = New addition to the product range

D2

# 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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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
	F2010.B.100.Z07.15.R765M	100	32	50	15	7	1,77	7	BC .. 1605 .. R
<p>Shell mill mount DIN 138 transverse keyway</p>	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
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 <sub>c</sub> [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 <sub>c</sub> [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			H		
					HC					HC					HC					HC	HW	HC			HC		
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35G	WSM35S
BCGT160508R-G55	G	2	0,8	2	☺	☺	☺	☺	☺	☺	☺	☺								☺	☺						
BCHT160508R-K85	H	2	0,8	2																☺	☺						
BCHT160512R-K85	H	2	1,2	1,7																☺	☺						
BCHT160516R-K85	H	2	1,6	1,7																☺	☺						
BCHT160520R-K85	H	2	2	1,5																☺	☺						
BCHT160525R-K85	H	2	2,5	1,4																☺	☺						
BCHT160530R-K85	H	2	3	1,2																☺	☺						
BCHT160540R-K85	H	2	4	1,1																☺	☺						
BCMT160508R-F55	M	2	0,8	2	☺	☺	☺	☺	☺			☺	☺	☺	☺	☺	☺	☺						☺	☺		
BCMT160508R-G55	M	2	0,8	2	☺	☺	☺	☺	☺	☺		☺	☺	☺	☺	☺	☺	☺						☺	☺		
BCMT160512R-G55	M	2	1,2	1,7																					☺	☺	
BCMT160516R-G55	M	2	1,6	1,5																					☺	☺	
BCMT160520R-G55	M	2	2	1,5																					☺	☺	
BCMT160525R-G55	M	2	2,5	1,4																					☺	☺	
BCMT160530R-G55	M	2	3	1,2																					☺	☺	
BCMT160532R-G55	M	2	3,2	1,1																					☺	☺	
BCMT160540R-G55	M	2	4	1,1																					☺	☺	
BCMT160550R-G55	M	2	5	0,7																					☺	☺	
BCMT160560R-G55	M	2	6	0,1																					☺	☺	
BCMT160508R-K55	M	2	0,8	2		☺	☺	☺	☺	☺		☺	☺	☺	☺	☺	☺	☺						☺	☺		
BCGX1605PDR-G55	G	2	0,8	8	☺					☺		☺	☺							☺							☺

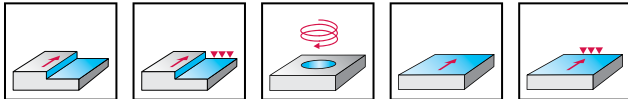
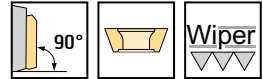
HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

**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 <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	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	
<p>Shell mill mount DIN 138 transverse keyway</p>	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	
<p>Shell mill mount DIN 138 transverse keyway</p>	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 = 😊

D2

## Assembly parts

D <sub>c</sub> [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	FS1519

## Accessories

D <sub>c</sub> [inch]		3-12
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

## Indexable inserts

Designation	Tolerance class	Number of cutting edges	r [inch]	b [inch]	P					M					K					N		S			H		
					HC					HC					HC					HC	HW	HC			HC		
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35G	WSM35S	WSM45X
	BCGT160508R-G55	G	2	0,031	0,079	☺	☺	☺	☺	☺	☺	☺	☺														
	BCHT160508R-K85	H	2	0,031	0,079																☺	☺					
	BCHT160512R-K85	H	2	0,047	0,067																☺	☺					
	BCHT160516R-K85	H	2	0,063	0,067																☺	☺					
	BCHT160520R-K85	H	2	0,079	0,059																☺	☺					
	BCHT160525R-K85	H	2	0,098	0,055																☺	☺					
	BCHT160530R-K85	H	2	0,118	0,047																☺	☺					
	BCHT160540R-K85	H	2	0,157	0,043																☺	☺					
	BCMT160508R-F55	M	2	0,031	0,079	☺	☺	☺	☺					☺		☺	☺	☺	☺	☺				☺	☺		
	BCMT160508R-G55	M	2	0,031	0,079	☺	☺	☺	☺					☺		☺	☺	☺	☺	☺				☺	☺		
	BCMT160512R-G55	M	2	0,047	0,067																				☺	☺	
	BCMT160516R-G55	M	2	0,063	0,059																				☺	☺	
	BCMT160520R-G55	M	2	0,079	0,059																				☺	☺	
	BCMT160525R-G55	M	2	0,098	0,055																				☺	☺	
	BCMT160530R-G55	M	2	0,118	0,047																				☺	☺	
	BCMT160532R-G55	M	2	0,126	0,043																				☺	☺	
	BCMT160540R-G55	M	2	0,157	0,043																				☺	☺	
	BCMT160550R-G55	M	2	0,197	0,028																				☺	☺	
	BCMT160560R-G55	M	2	0,236	0,004																				☺	☺	
	BCMT160508R-K55	M	2	0,031	0,079	☺	☺	☺	☺					☺		☺	☺	☺	☺	☺				☺	☺		
	BCGX1605PDR-G55	G	2	0,031	0,315	☺				☺				☺	☺	☺					☺						☺

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

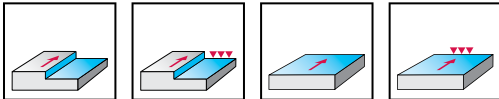
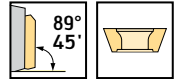
## WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

# 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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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 <sub>c</sub> [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 <sub>c</sub> [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

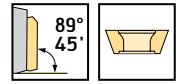
Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M				K				N			S		
					HC				HC				HC				DP	HC	HW	HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G
	G	4	0.8	1.2	☺	☺	☺	☺														
	G	1	0.4												☺							
	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			☺	☺	☺	☺	☺												☺

SD..09T3.. : If the corner radius r is greater than 0.8 mm, the corner area of the cassette must be reworked.

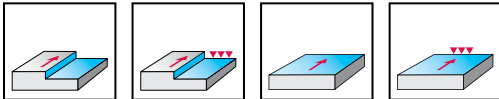
R<sub>(body)</sub> = r<sub>(indexable insert)</sub>

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

# Shoulder milling cutters

**F2010** 
**SD .. 1204 ..; SDGT1204PDR**


- Adjustable runout
- 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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
	F2010.B.100.Z07.08.R757M	100	32	50	11,6	7	1,9	7	SD .. 1204 .. SDGT1204PDR
<p>Shell mill mount DIN 138 transverse keyway</p>	F2010.B.125.Z08.08.R757M	125	40	63	11,6	8	3,6	8	
	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 <sub>c</sub> [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 <sub>c</sub> [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	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WKC10	WSM35G	WSM35S
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<sub>(body)</sub> = r<sub>(indexable insert)</sub>

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 553

D2

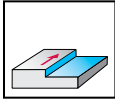
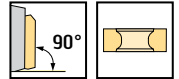
# Helical milling cutters

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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	z	kg	No. of inserts	Type
<p>ScrewFit</p>	F5038.T28.032.Z02.32	32	T28	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 <sub>c</sub> [mm]	25-40
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm

### Accessories

	D <sub>c</sub> [mm]	25	32-40
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)
	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 mm	b mm	P				M				K				N		S					
					HC		WSP		HC		WSP		HC		WSP		HC	HW	HC		WSP			
					WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WK25G	WK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	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	☉	☉	☉	☉			☉			☉	☉	☉	☉	☉					☉	☉

Indexable inserts with r <gt/ > 0.4 mm can only be used as front inserts.

HC = Coated carbide  
HW = Uncoated carbide

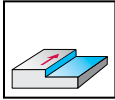
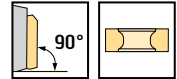
# Helical milling cutters

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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>ScrewFit</p>	F5138.T36.040.Z02.34	40	T36	55	34	2	0,43	2 / 4	LNH . 1306 .. R
	F5138.B22.050.Z03.34	50	22	55	34	3	0,5	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	1,19	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

### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [mm]	40-80
	Torque screwdriver, analogue	FS2003
	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 mm	b mm	P				M				K				N		S			
					HC				HC				HC				HC	HW	HC			
					WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S
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 = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

### WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☑ → Good = ☑ → Moderate = ☑

# Helical milling cutters

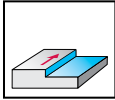
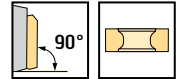
F5138 inch

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 <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> 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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

D <sub>c</sub> [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 <sub>c</sub> [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				
					WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S
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 = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

### WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☑ → Good = ☑ → Moderate = ☑

# Helical milling cutters

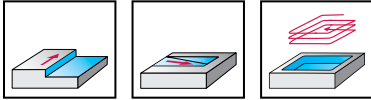
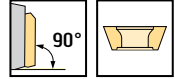
F4038

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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	z	kg	No. of inserts	Type
	F4038.T22.025.Z02.22	25	T22	40		22	2	0,12	2 / 4	AD .. 0803 .. R
	F4038.T28.032.Z03.30	32	T28	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	0,34	2 / 6	
	F4038.W32.032.Z03.37	32	32	50	111	37	3	0,56	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 <sub>c</sub> [mm]	20–32
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm

### Accessories

	D <sub>c</sub> [mm]	20–32
	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		
					HC					HC				HC			HC	HW	HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WSM35G	WSM35S	WSP45G	WSP45S	WAK15	WKP25S	WKP35G	WKP35S	WXN15	WKL0	WSM35G	WSM35S
ADGT0803PER-D51	G	2	0,4	1,2	☉	☉	☉	☉	☉												
ADGT0803PER-F56	G	2	0,4	1,2																	
ADHT0803PER-G88	H	2	0,4	1,2											☉	☉					
ADKT0803PER-F56	K	2	0,4	1,2	☉		☉	☉	☉												
ADMT080302R-F56	M	2	0,2	1,2		☉	☉	☉	☉												
ADMT080304R-F56	M	2	0,4	1,2	☉	☉	☉	☉	☉												
ADMT080308R-F56	M	2	0,8	1,2		☉	☉	☉	☉												
ADMT080312R-F56	M	2	1,2	1		☉	☉	☉	☉												
ADMT080316R-F56	M	2	1,6	1		☉	☉	☉	☉												
ADMT080320R-F56	M	2	2	1		☉	☉	☉	☉												
ADMT080304R-D56	M	2	0,4	1,2	☉	☉	☉	☉	☉												
ADMT080304R-G56	M	2	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

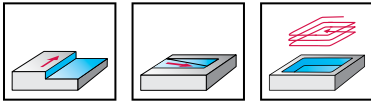
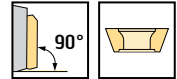
F4038 inch

AD .. 0803 .. R

Xtra-tec®



- Full effective design
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F4038	●	●	●	●	●	●	●

Tool	Designation	$D_c$	$d_1$	$l_4$	$l_1$	$L_c$	$Z$		No. of inserts	Type
		inch	inch	inch	inch	inch				
	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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [inch]	0,75–1
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 0,885 lbs

### Accessories

	D <sub>c</sub> [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	WSP45S	WSM35G	WSM35S	WSP45G	WSP45S	WAK15	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S
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	☺	☺	☺	☺	☺												

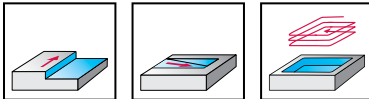
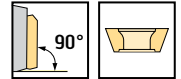
If the corner radius r = 1.6 mm or above, the corner area of the body must be reworked.  
 R (body) = r (indexable insert) – 1 mm  
 Indexable inserts with r <gt;/> 0.4 mm can only be used as front inserts.

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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	h <sub>16</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
 ScrewFit	F4138.T28.032.Z02.33	32	T28	50			33	2	0,21	2 / 4	AD .. 1204 .. R
	F4138.T36.040.Z03.33	40	T36	55			33	3	0,41	3 / 6	
 DIN 1835 B	F4138.W32.032.Z02.43	32	32	64		125	43	2	0,62	2 / 6	AD .. 1204 .. R
	F4138.W40.040.Z03.54	40	40	79		150	54	3	1,16	3 / 12	
 Shell mill mount DIN 138 transverse keyway	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	
 Modular NCT adaptor	F4138.N6.040.Z03.54	40	63	105	69		54	3	1,06	3 / 12	AD .. 1204 .. R

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**
**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

D <sub>c</sub> [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 <sub>c</sub> [mm]		32-63
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P					M					K					N		S				
					HC					HC					HC					HC	HW	HC				
					WKP255	WKP356	WKP355	WSP456	WSP455	WSM356	WSM355	WSM45X	WSP456	WSP455	WAK15	WKK256	WKP255	WKP255	WKP356	WKP355	WXN15	WK10	WSM356	WSM355	WSM45X	WSP456
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

### WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

= New addition to the product range

Shoulder milling cutters D 565

# Helical milling cutters

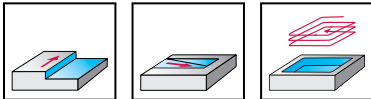
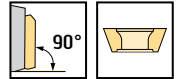
F4138 inch

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 <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
	F4138.UT28.031.Z02.33	1,250	T28	1,969		1,300	2	0,465	2 / 4	AD .. 1204 .. R
	F4138.UT36.038.Z03.33	1,500	T36	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 <sub>c</sub> [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 <sub>c</sub> [inch]	1,25–2
	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				
					HC					HC					HC					HC	HW	HC				
					WKP255	WKP356	WKP355	WSP456	WSP455	WSM356	WSM355	WSM45X	WSP456	WSP455	WAK15	WKK256	WKP255	WKP356	WKP355	WXN15	WK10	WSM356	WSM355	WSM45X	WSP456	WSP455
	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:  
 $R(\text{body}) = r(\text{indexable insert}) - 1 \text{ mm}$

HC = Coated carbide  
 HW = Uncoated carbide

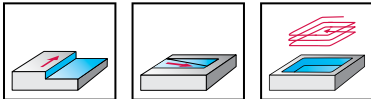
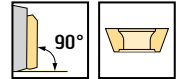
**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = ☉ → Good = ☉ → Moderate = ☉

# 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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>16</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>ScrewFit</p>	F4238.T36.040.Z03.29	40	T36	55		29	3	0,4	3 / 3	AD .. 1606 .. R
	F4238.T45.050.Z03.43	50	T45	70		43	3	0,72	3 / 6	
<p>Shell mill mount DIN 138 transverse keyway</p>	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	
<p>Modular NCT adaptor</p>	F4238.N6.040.Z03.57	40	63	108	80	57	3	1,05	3 / 9	AD .. 1606 .. R
	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	2,68	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

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊



### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [mm]	40-80
	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					N		S				
					HC					HC					HC					HC	HW	HC				
					WKP255	WKP35G	WKP35S	WSP45G	WSP45S	WSM35G	WSM35S	WSM45X	WSP45G	WSP45S	WAK15	WKK25G	WKP255	WKP25S	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 =

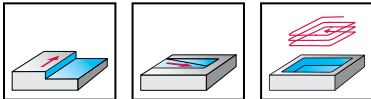
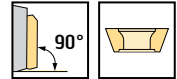
= New addition to the product range

Shoulder milling cutters D 569

# 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 <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	h <sub>16</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
	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	
DIN 1835 B											
	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	
Shell mill mount DIN 138 transverse keyway											
	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	
SK DIN 69871 AD/B											

Bodies and assembly parts are included in the scope of delivery

### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [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					
					HC					HC				HC					HC	HW	HC					
					WKP255	WKP356	WKP355	WSP456	WSP455	WSM356	WSM355	WSM45X	WSP456	WSP455	WAK15	WKK256	WKP255	WKP255	WKP356	WKP355	WXN15	WK10	WSM356	WSM355	WSM45X	WSP456
ADGT160612R-F56	G	2	0,047	0,063																						
ADGT160616R-F56	G	2	0,063	0,055																						
ADGT160620R-F56	G	2	0,079	0,055																						
ADGT160632R-F56	G	2	0,126	0,047																						
ADGT160640R-F56	G	2	0,157	0,039																						
ADGT1606PER-F56	G	2	0,031	0,063																						
ADGT160616R-D67	G	2	0,063	0,039																						
ADGT1606PER-D67	G	2	0,031	0,063																						
ADGT1606PER-D51	G	2	0,031	0,063																						
ADGT1606PER-D56	G	2	0,031	0,063																						
ADGT1606PER-G77	G	2	0,031	0,047																						
ADHT160616R-G88	H	2	0,063	0,055																						
ADHT1606PER-G88	H	2	0,031	0,063																						
ADKT1606PER-F56	K	2	0,031	0,063																						
ADMT160608R-D56	M	2	0,031	0,063																						
ADMT160608R-F56	M	2	0,031	0,063																						
ADMT160612R-F56	M	2	0,047	0,063																						
ADMT160616R-F56	M	2	0,063	0,055																						
ADMT160620R-F56	M	2	0,079	0,055																						
ADMT160625R-F56	M	2	0,098	0,047																						
ADMT160630R-F56	M	2	0,118	0,047																						
ADMT160632R-F56	M	2	0,126	0,047																						
ADMT160640R-F56	M	2	0,157	0,039																						
ADMT160650R-F56	M	2	0,197																							
ADMT160660R-F56	M	2	0,236																							
ADMT160608R-G56	M	2	0,031	0,063																						

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

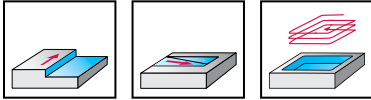
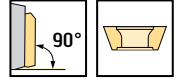
F4338

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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [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
					WKP255	WKP356	WKP355	WSP456	WSP456	WKK256	WKP255
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 = beschichtetes Hartmetall

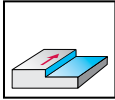
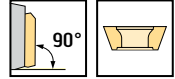
# Helical milling cutters

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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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	0,91	3 / 9	LP .. 1506 ..
	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 <sub>c</sub> [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 <sub>c</sub> [mm]	63–85
	Screwdriver for indexable insert	FS228 (T20)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	P		M		K		S
				WKP25S	WKP35S	WSP45G	WSP45G	WKP25S	WKP35S	WSP45G
LPMT150612R-D51	M	2	1.2							
	M	2	1.2	☺	☺	☺	☺	☺	☺	☺
SPGT120606-F57	G	4	0.6							
	M	4	0.6	☺	☺	☺	☺	☺	☺	☺
	M	4	0.6	☺	☺	☺	☺	☺	☺	☺

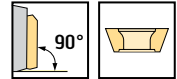
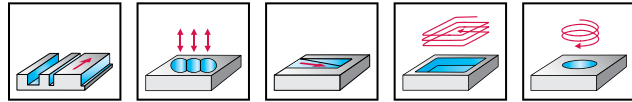
HC = beschichtetes Hartmetall

# Routing cutters

## M4791 inch



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4791	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	z	lbs	No. of inserts	Type
<p>DIN 1835 B</p>	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	
	M4791.035-W31-01-12	1,375	1,250	1,500	3,82	0,457	1	0,979	1 / 1	
	M4791.038-W31-01-12	1,500	1,250	3,219	5,500	0,457	1	1,495	1 / 1	
	M4791.044-W31-01-12	1,750	1,250	2,000	5,500	0,457	1	1,570	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	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WKC10	WSM35G	WSM35S	WSM45X
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	☺	☺	☺																	☺
SDGW09T304-A88	G	1	0,016																				☺
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																				☺

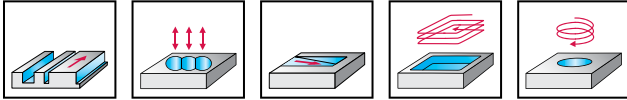
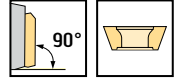
HC = beschichtetes Hartmetall  
 DP = Polykristaliner Diamant  
 HW = unbeschichtetes Hartmetall

# Routing cutters

M4792 inch

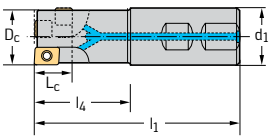


- 2 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4792	●	●	●	●	●	●	●

## Tool



DIN 1835 B

Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
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	LDM . 14T308R SDM . 09T308
M4792.031-W31-01-20	1,250	1,250	2,126	4,407	0,819	1	1,239	1 / 1	LDM . 1704 .. R SDM . 120408
M4792.038-W31-01-26	1,500	1,250	2,520	4,997	1,059	1	1,667	1 / 1	

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	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	WSM35G	WSM35S	WSP45G	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S
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 = beschichtetes Hartmetall

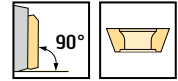
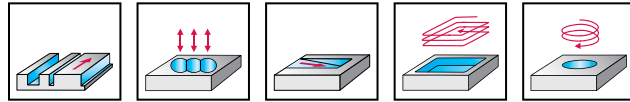
**WALTER SELECT** Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

# Routing cutters

M4792



- 2 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4792	●	●	●	●	●		

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> 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	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	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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### 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	WSM35S	WSP45G	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S
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 = beschichtetes Hartmetall

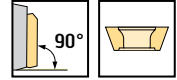
D2

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

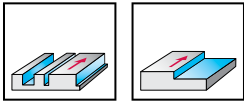
☉ ☉ ☉ / \* = New addition to the product range

# 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	●	●	●	●	●		




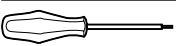
Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	z	kg	No. of inserts	Type
 ScrewFit	M4256-025-T22-02-27	25	T22	40		27	2	0,11	2 / 10	LDM . 08T204R SDM . 06T204
	M4256-032-T28-02-37	32	T28	50		37	2	0,21	2 / 14	
 ScrewFit	M4257-040-T36-02-54	40	T36	69		54	2	0,43	2 / 14	LDM . 14T308R SDM . 09T308
 DIN 1835 B	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	
 DIN 1835 B	M4257-040-W40-02-54	40	40	69	140	54	2	1,06	2 / 14	LDM . 14T308R SDM . 09T308
 Shell mill mount DIN 138 transverse keyway	M4257-050-B22-02-47	50	22	56		47	2	0,42	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	WSM35S	WSP45G	WAK15	WK25G	WK25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G
 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		☺	☺	☺	☺	☺		☺	☺			☺	☺	☺			☺
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 = beschichtetes Hartmetall

WALTER SELECT

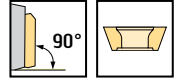
Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

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

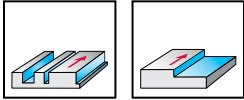
Slot milling cutters D 583

# Helical milling cutters

M4256 / M4257 / M4258 mm

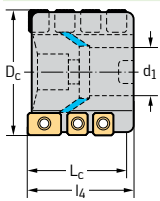


- Half effective design
- 2 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4256	●	●	●		●		
M4257	●	●	●		●		
M4258	●	●	●		●		

## Tool




Shell mill mount DIN 138 transverse keyway

Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> 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	




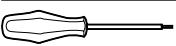
For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see "Assembly parts and accessories/Miscellaneous" | Bodies and assembly parts are included in the scope of delivery





### 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	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G
 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		☺	☺	☺	☺	☺	☺	☺	☺			☺	☺	☺	☺	☺	☺
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 = beschichtetes Hartmetall

WALTER SELECT

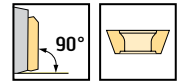
Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

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

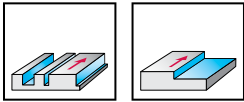
Slot milling cutters D 585

# 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 <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
 DIN 1835 B	M4257.038-W38-02-54	1,500	1,500	2,750	5,438	2,126	2	2,044	2 / 14	LDM . 14T308R SDM . 09T308
	M4257.051-B19-02-47	2,000	0,750	2,248		1,85	2	1,063	2 / 12	LDM . 14T308R SDM . 09T308
 Shell mill mount DIN 138 transverse keyway	M4257.064-B26-03-54	2,500	1,000	2,748		2,126	3	2,134	3 / 21	LDM . 14T308R SDM . 09T308
	M4258.076-B31-03-67	3,000	1,250	3,150		2,638	3	2,945	3 / 18	LDM . 1704 .. R SDM . 120408
 Shell mill mount DIN 138 transverse keyway	M4258.102-B38-04-77	4,000	1,500	3,150		3,031	4	5,922	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

### 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	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP255	WKP35G	WKP35S	WSM35G	WSM35S
	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	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
	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 = beschichtetes Hartmetall

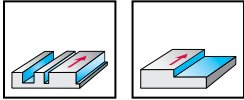
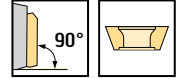
# Helical milling cutters

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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>16</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>Walter Capto™ in acc. with ISO 26623</p>	M4258-050-C6-02-75-M	50	C6	110	88	77	2	1,3	2 / 14	LDM . 1704 .. R SDM . 120408
	M4258-063-C8-02-96-M	63	C8	150	115	98	2	3,14	2 / 18	
<p>Walter Capto™ in acc. with ISO 26623</p>	M4258-080-C8-03-116-M	80	C8	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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [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	WSM35S	WSP45G	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G
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	☺	☺	☺	☺			☺			☺	☺	☺			☺
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 = beschichtetes Hartmetall

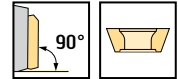
# Helical milling cutter basic body

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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>16</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>Walter Capto™ in acc. with ISO 26623</p>	M4258-050-C6-02-50-B	50	C6	85	62	52	2	1,16	10	SDM . 120408
	M4258-063-C8-02-60-B	63	C8	115	80	63	2	2,81	12	
<p>Walter Capto™ in acc. with ISO 26623</p>	M4258-080-C8-03-80-B	80	C8	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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### 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	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S
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 = beschichtetes Hartmetall

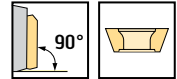
# Helical milling cutter front piece

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 <sub>c</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> mm	z	kg	No. of inserts	Type
	M4258-050-P20-02-25-F	50	25	25	2	0,14	2 / 4	LDM . 1704 .. R SDM . 120408
	M4258-063-P30-02-36-F	63	35	35	2	0,33	2 / 6	
	M4258-080-P40-03-36-F	80	35	35	3	0,62	3 / 9	

Bodies and assembly parts are included in the scope of delivery

D2

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊



### Assembly parts

	D <sub>c</sub> [mm]	50–80
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm

### Accessories

	D <sub>c</sub> [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	WSM35S	WSP45G	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G
	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												
	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 = beschichtetes Hartmetall

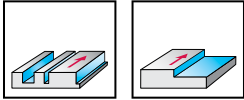
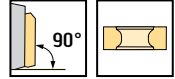
# Helical milling cutters

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 <sub>c</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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	XNHX1306 .. R LNHX120604R
	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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [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	WSM45X	HC	WSM45X
	LNHX120604R-L65T	4	0,4		☒	☒	☒	☒	☒	☒
	LNHX120604R-L65W	4	0,4	1,5	☒	☒	☒	☒	☒	☒
	XNHX130608R-L65T	2	0,8	2	☒	☒	☒	☒	☒	☒
	XNHX130612R-L65T	2	1,2	2	☒	☒	☒	☒	☒	☒
	XNHX130616R-L65T	2	1,6	2	☒	☒	☒	☒	☒	☒
	XNHX130620R-L65T	2	2	2	☒	☒	☒	☒	☒	☒
	XNHX130624R-L65T	2	2,4	2	☒	☒	☒	☒	☒	☒
	XNHX130630R-L65T	2	3	1,4	☒	☒	☒	☒	☒	☒
	XNHX130632R-L65T	2	3,2	1,3	☒	☒	☒	☒	☒	☒
	XNHX130640R-L65T	2	4	0,5	☒	☒	☒	☒	☒	☒
	XNHX130608R-L65W	2	0,8	2	☒	☒	☒	☒	☒	☒
	XNHX130640R-L65W	2	4	0,5	☒	☒	☒	☒	☒	☒

XNHX1306... indexable inserts can only be used as front inserts.

HC = Coated carbide

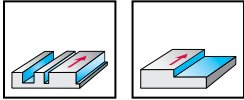
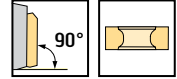
# Helical milling cutters

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 <sub>c</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	L <sub>c</sub> 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-B31-06-58	3,000	1,250	3,346	2,283	6	4,262	6 / 24	

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

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [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	H	4	0,016						
	LNHX120604R-L65W	H	4	0,016						
	XNHX130608R-L65T	H	2	0,031						
	XNHX130612R-L65T	H	2	0,047						
	XNHX130616R-L65T	H	2	0,063						
	XNHX130620R-L65T	H	2	0,079						
	XNHX130624R-L65T	H	2	0,094						
	XNHX130630R-L65T	H	2	0,118						
	XNHX130632R-L65T	H	2	0,126						
	XNHX130640R-L65T	H	2	0,157						
	XNHX130608R-L65W	H	2	0,031						
	XNHX130640R-L65W	H	2	0,157						

XNHX1306... indexable inserts can only be used as front inserts.

HC = Coated carbide

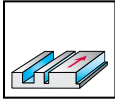
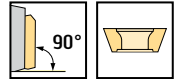
# Slotting cutters for slot milling

F2252

AD . T0803 .. R



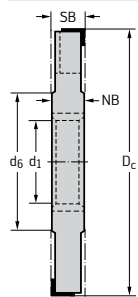
- Cross-toothed, cuts on three sides
- 2 cutting edges per indexable insert



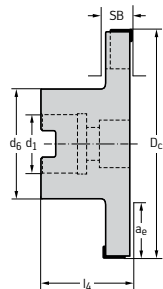
	P	M	K	N	S	H	O
F2252	●	●	●	●	●		●

## Tool

Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	d <sub>6</sub> mm	SB <sub>min</sub> mm	SB <sub>max</sub> mm	NB mm	a <sub>e</sub> 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.BN.100.Z04.12.S724	100	27	48	12	14		24	4	4 / 4	
F2252.B.100.Z04.14.S724	100	32	50	14	16	14	24	4	4 / 4	
F2252.BN.100.Z04.14.S724	100	27	48	14	16		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.125.Z05.12.S724	125	32	60	12	14		30	5	5 / 5	AD . T0803 .. R
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

		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	FS239 (SW 3) 6,5 Nm
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm

### Accessories

		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)
	Screwdriver	FS230 (T8)
	Keys	ISO2936-3 (SW 3)
	Torque screwdriver, analogue	FS2001 / FS2003
	Torque screwdriver, analogue	FS2248
	Torque screwdriver, digital	FS2041
	Torque T-handle	FS2007 (T8)
	Interchangeable blade	FS2012 (T8IP)
	Interchangeable blade	FS2050 (SW 3)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M		K		N		S	
					HC		HC		HC		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 = beschichtetes Hartmetall

### WALTER SELECT

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

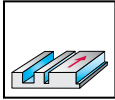
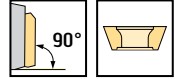
# Slotting cutters for slot milling

F2252

AD . T1204 .. R



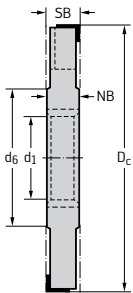
- Cross-toothed, cuts on three sides
- 2 cutting edges per indexable insert



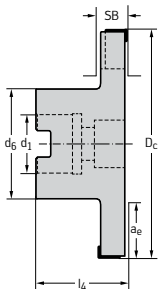
	P	M	K	N	S	H	O
F2252	●	●	●	●	●		●

## Tool

Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	d <sub>6</sub> mm	SB <sub>min</sub> mm	SB <sub>max</sub> mm	NB mm	a <sub>e</sub> 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

		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	FS1162 (SW 4) 9 Nm
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm

### Accessories

		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	WSP45S	WSP45G	WSP45S	WKP35G	WKP35S	WXN15	WSP45G	WSP45S
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 = beschichtetes Hartmetall

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☹

→ Moderate = ☹

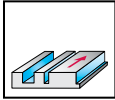
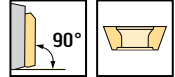
# Slotting cutters for slot milling

F2252

AD . T1606 .. R



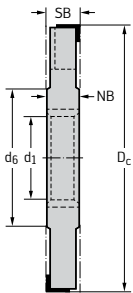
- Cross-toothed, cuts on three sides
- 2 cutting edges per indexable insert



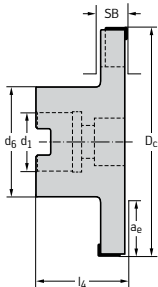
	P	M	K	N	S	H	O
F2252	●	●	●	●	●		●

## Tool

Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	d <sub>6</sub> mm	SB <sub>min</sub> mm	SB <sub>max</sub> mm	NB mm	a <sub>e</sub> 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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### 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	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)
Keys	ISO2936-4 (SW 4)
Keys	FS2003
Torque screwdriver, analogue	FS2248
Torque screwdriver, digital	FS2041
Torque T-handle	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	WSP45S	WSP45G	WSP45S	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 = beschichtetes Hartmetall

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

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

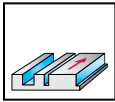
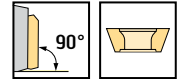
Slot milling cutters D 603

D2

# Slotting cutters for slot milling

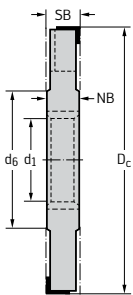
**F2252** mm


- 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 <sub>c</sub> mm	d <sub>1</sub> mm	d <sub>6</sub> mm	SB <sub>min</sub> mm	SB <sub>max</sub> mm	NB mm	a <sub>e</sub> 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

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### 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) 3,5 Nm	FS239 (SW 3) 6,5 Nm	FS1162 (SW 4) 9 Nm
Clamping screw for indexable insert Tightening torque	FS923 (T8) 0,8 Nm	FS1005 (T8) 1,5 Nm	FS1029 (T20) 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 , FS2003	FS2003	FS2003
Torque screwdriver, analogue	FS2248	FS2248	FS2248
Torque screwdriver, digital		FS2041	FS2041
Torque T-handle	FS2007 (T8)	FS2007 (T8)	FS2044 (T20)
Interchangeable blade	SD2000-2.5 SW (SW 2,5)	FS2050 (SW 3)	FS2051 (SW 4)

### 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	HC	HC														
					WHH15X	WKP25S	WKP35G	WKP35S	WSP-45G	WXM15	WSM35G	WSM35S	WSP-45G	WXM15	WAK15	WHH15X	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WSM35G	WSM35S	WSP-45G	WHH15X	
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 = beschichtetes Hartmetall

**WALTER SELECT**

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

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

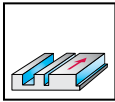
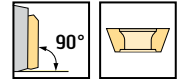
Slot milling cutters D 605

D2

# Slotting cutters for slot milling

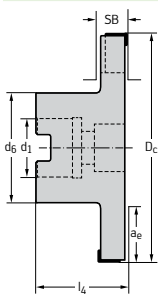
**F2252** mm


- 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 <sub>c</sub> mm	d <sub>1</sub> mm	d <sub>6</sub> mm	SB <sub>min</sub> mm	SB <sub>max</sub> mm	a <sub>e</sub> 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	
F2252.BN.100.Z04.10.S685	100	27	48	10	12	24	4	4 / 4	MP . X080305
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	
F2252.BN.125.Z05.10.S685	125	32	60	10	12	30	5	5 / 5	MP . X080305
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	
F2252.BN.125.Z04.16.S686	125	32	60	16	19	30	4	4 / 4	MP .. 120408
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	
F2252.BN.160.Z06.08.S684	160	40	75	8	9	40	6	6 / 6	MP . X060304
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

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### 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) 3,5 Nm	FS239 (SW 3) 6,5 Nm	FS1162 (SW 4) 9 Nm
Clamping screw for indexable insert Tightening torque	FS923 (T8) 0,8 Nm	FS1005 (T8) 1,5 Nm	FS1029 (T20) 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 , FS2003	FS2003	FS2003
Torque screwdriver, analogue	FS2248	FS2248	FS2248
Torque screwdriver, digital		FS2041	FS2041
Torque T-handle	FS2007 (T8)	FS2007 (T8)	FS2044 (T20)
Interchangeable blade	SD2000-2.5 SW (SW 2,5)	FS2050 (SW 3)	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	WSP-45G	WXM15	WSM35G	WSM35S	WSP-45G	WXM15	WAK15	WHH15X	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WSM35G	WSM35S
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 = beschichtetes Hartmetall

**WALTER SELECT**

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

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

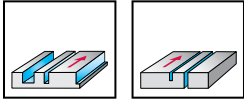
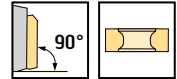
Slot milling cutters D 607

D2

# 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 <sub>c</sub> mm	d <sub>1</sub> mm	d <sub>6</sub> mm	NB mm	l <sub>4</sub> mm	SB mm	a <sub>e</sub> mm	Z	No. of inserts	kg	Type
<p>Shell mill mount DIN 138 longitudinal keyway</p>	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	0,41	
	F4053.B40.160.Z08.04	160	40	65	8		4	46	8	16	0,71	
<p>Shell mill mount DIN 138 transverse keyway</p>	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	

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				P		M		K		S	
Designation	Tolerance class	Number of cutting edges	r mm	HC		HC		HC		HC	
				WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WKP35S	WSM35G	WSM35S
LNHX070204-F57T	H	4	0,4	☺	☺	☺	☺	☺	☺	☺	☺
LNMX070204-F57T	M	4	0,4	☺	☺	☺	☺	☺	☺	☺	☺

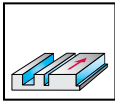
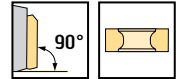
HC = beschichtetes Hartmetall

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

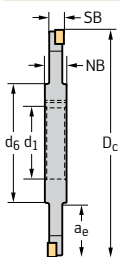
# Slotting cutters for slot milling

**F4153** mm
**Xtra-tec®**


- Cross-toothed, cuts on three sides
- 2 + 2 cutting edges per indexable insert, tangential arrangement

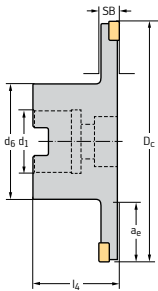


	P	M	K	N	S	H	O
F4153	●	●	●	●	●		

**Tool**


Shell mill mount DIN 138 longitudinal keyway

Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	d <sub>6</sub> mm	NB mm	l <sub>4</sub> mm	SB mm	a <sub>e</sub> mm	Z	No. of inserts	kg	Type
F4153.B27.080.Z04.06	80	27	42	12		6	18	4	8	0,26	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	0,7	
F4153.B40.160.Z08.08	160	40	65	12		8	46	8	16	1,22	
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	LN . U100508
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	
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	2	
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	1,35	
F4153.BN40.160.Z08.08R	160	40	75		50	8	40	8	16	1,98	
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

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

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)

### 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
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 = beschichtetes Hartmetall

D2

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

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

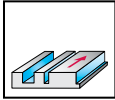
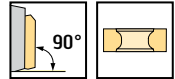
# Slotting cutters for slot milling

F4153 inch

Xtra-tec®

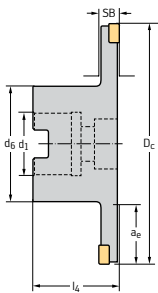


- Cross-toothed, cuts on three sides
- 2 + 2 cutting edges per indexable insert, tangential arrangement



	P	M	K	N	S	H	O
F4153	●●	●●	●●	●●	●●	●●	●●

## Tool



Shell mill mount DIN 138 transverse keyway

Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	d <sub>6</sub> inch	l <sub>4</sub> inch	SB inch	a <sub>e</sub> inch	Z	No. of inserts	lbs	Type
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	
F4153.UBN38.152.Z08.06R	6,000	1,500	3,000	2,000	0,250	1,378	8	16	4,012	
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	
F4153.UBN19.076.Z04.10R	3,000	0,750	1,750	1,500	0,375	0,531	4	8	1,241	LN . U100508

Bodies and assembly parts are included in the scope of delivery

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)

### 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	WSP45G	WKP25G	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G
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 = beschichtetes Hartmetall

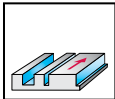
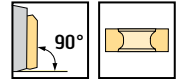
**WALTER SELECT** Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

☺ ☺ ☺ / \* = 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 <sub>c</sub> mm	d <sub>1</sub> mm	d <sub>6</sub> mm	NB mm	l <sub>4</sub> mm	SB mm	a <sub>e</sub> mm	Z	No. of inserts	kg	Type		
<p>Shell mill mount DIN 138 longitudinal keyway</p>	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	0,92			
	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	1,12		LN . U100508	
	F4253.B40.160.Z06.16	160	40	65	16		16	46	6	12	2,05			
	<p>Shell mill mount DIN 138 transverse keyway</p>	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			
<p>Shell mill mount DIN 138 transverse keyway</p>		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	1,72			
	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	3,05			
	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		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	WKP25G	WKP25S	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 = beschichtetes Hartmetall

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

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

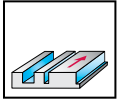
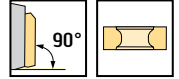
# Slotting cutters for slot milling

F4253

**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 <sub>c</sub> mm	d <sub>1</sub> mm	d <sub>6</sub> mm	NB mm	l <sub>4</sub> mm	SB mm	a <sub>e</sub> 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

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊



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	WKP25G	WKP25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S
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 = beschichtetes Hartmetall

D2

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

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

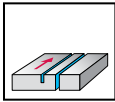
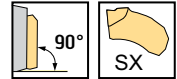
# Parting and slitting cutters

F5055

Walter BLAXX



- 1 cutting edge per indexable insert



	P	M	K	N	S	H	O
F5055	●	●	●	●	●		

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	d <sub>6</sub> mm	NB mm	SB mm	a <sub>e</sub> 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	SX-2E2
	F5055.B16.063.Z05.2,0	63	16	16	1,6	2	15	5	10	0,04		
	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	SX-3E3
	F5055.B32.125.Z11.2,0	125	32	32	1,6	2	33	11	22	0,17		
	F5055.B40.160.Z14.2,0	160	40	40	1,6	2	38	14	28	0,28		
		F5055.B16.063.Z04.3,0	63	16	16	2,4	3	15	4	8	0,05	SX-4E4
F5055.B16.080.Z06.3,0	80	16	16	2,4	3	19	6	12	0,09			
F5055.B22.100.Z09.3,0	100	22	22	2,4	3	25	9	18	0,14			
	F5055.B32.125.Z11.3,0	125	32	32	2,4	3	33	11	22	0,22	SX-5E5	
F5055.B40.160.Z14.3,0	160	40	40	2,4	3	38	14	28	0,38			
F5055.B40.200.Z19.3,0	200	40	40	2,4	3	58	19	38	0,65			
	F5055.B40.250.Z24.3,0	250	40	40	2,4	3	83	24	48	1,07	SX-4E4	
F5055.B16.063.Z04.4,0	63	16	16	3,4	4	15	4	8	0,07			
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	SX-4E4	
F5055.B32.125.Z11.4,0	125	32	32	3,4	4	33	11	22	0,29			
F5055.B40.160.Z14.4,0	160	40	40	3,4	4	38	14	28	0,5			
	F5055.B40.200.Z19.4,0	200	40	40	3,4	4	58	19	38	0,85	SX-4E4	
F5055.B40.250.Z24.4,0	250	40	40	3,4	4	83	24	48	1,39			
	F5055R.B50.500.Z40.5,0	500				5	120	40	80	8,39		SX-5E5

Values for a<sub>e</sub> in combination with drive collar | Use mounting wrench FS1494 or FS2249 to fit the indexable insert

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

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			
			WKP23S	WSM23S	WSM33G	WSM33S	WSM43S	WSM23S	WSM33G	WSM33S	WSM43S	WKP23S	WK1	WSM23S	WSM33G	WSM33S
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-5E500N04-CE4	5	0,4														
SX-5E500N04-SF5	5	0,4														
SX-5E500N04-SK8	5	0,4														

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

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

= New addition to the product range

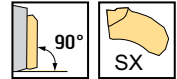
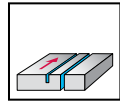
# Parting and slitting cutters

F5055

Walter BLAXX



- 1 cutting edge per indexable insert



	P	M	K	N	S	H	O
F5055	●	●	●	●	●		

Tool	Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	d <sub>6</sub> mm	l <sub>4</sub> mm	SB mm	a <sub>e</sub> mm	Z	No. of inserts	kg	Type
	F5055.BN16.063.Z04.3,0R	63	16	35	40	3	15	4	8	0,03	SX-3E3
	F5055.BN16.080.Z06.3,0R	80	16	40	40	3	19	6	12	0,06	
	F5055.BN22.100.Z09.3,0R	100	22	48	40	3	25	9	18	0,62	
	F5055.BN32.125.Z11.3,0R	125	32	58	50	3	33	11	22	1	
	F5055.BN40.160.Z14.3,0R	160	40	80	63	3	38	14	28	0,25	
	F5055.BN16.063.Z04.4,0R	63	16	35	41	4	15	4	8	0,05	SX-4E4
	F5055.BN16.080.Z06.4,0R	80	16	40	41	4	19	6	12	0,46	
	F5055.BN22.100.Z09.4,0R	100	22	48	41	4	25	9	18	0,14	
	F5055.BN32.125.Z11.4,0R	125	32	58	51	4	33	11	22	1,07	
	F5055.BN40.160.Z14.4,0R	160	40	80	64	4	38	14	28	0,4	

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

Designation	s mm	r mm	P				M				K	N	S				
			HC				HC				HC	HW	HC				
			WKP23S	WSM23S	WSM33G	WSM33S	WSM43S	WSM23S	WSM33G	WSM33S	WSM43S	WKP23S	WK1	WSM23S	WSM33G	WSM33S	WSM43S
SX-3E300N02-CE4	3	0.2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SX-3E300N02-CF6	3	0.2			☺	☺	☺		☺	☺	☺				☺	☺	☺
SX-3E300N02-SF5	3	0.2			☺	☺	☺		☺	☺	☺				☺	☺	☺
SX-3E300N02-SK8	3	0.2			☺	☺	☺		☺	☺	☺			☺			
SX-4E400N02-CE4	4	0.2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SX-4E400N02-SF5	4	0.2			☺	☺	☺		☺	☺	☺				☺	☺	☺
SX-4E400N02-SK8	4	0.2			☺	☺	☺		☺	☺	☺			☺			

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

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

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

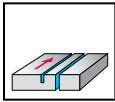
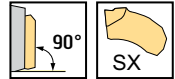
# Parting and slitting cutters

F5055 inch

Walter BLAXX



- 1 cutting edge per indexable insert



	P	M	K	N	S	H	O
F5055	●	●	●	●	●		

Tool	Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	d <sub>6</sub> inch	l <sub>4</sub> inch	SB inch	a <sub>e</sub> inch	Z	No. of inserts	lbs	Type
<p>Shell mill mount DIN 138 transverse keyway</p>	F5055.UBN22.100.Z09.3.0R	3,937	0,750	1,890	1,575	0,118	0,984	9	18	1,287	SX-3E3
	F5055.UBN32.125.Z11.3.0R	4,921	1,000	2,283	1,969	0,118	1,299	11	22	2,491	
	F5055.UBN40.160.Z14.3.0R	6,299	1,500	3,150	2,48	0,118	1,496	14	28	4,804	
	F5055.UBN22.100.Z09.4.0R	3,937	0,750	1,890	1,614	0,157	0,984	9	18	1,376	SX-4E4
	F5055.UBN32.125.Z11.4.0R	4,921	1,000	2,283	2,008	0,157	1,299	11	22	4,365	
	F5055.UBN40.160.Z14.4.0R	6,299	1,500	3,150	2,520	0,157	1,496	14	28	5,062	

Bodies and assembly parts are included in the scope of delivery

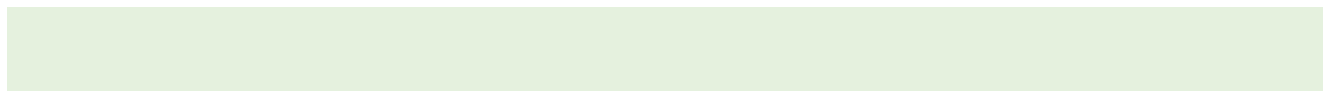
D2

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

Assembly parts		Dc (inch) SB (inch)	3,937 0,118-0,157	4,921 0,118-0,157	6,299 0,118-0,157
	Clamping screw for adaptor		FS939 (SW 8)	FS941 (SW 14)	FS942 (SW 17)
	Bore adaptor part		AA704.B19-G22-040-B	AA704.B26-G32-050-B	AA704.B38-G40-062-B
	Clamping screw for milling cutter Tightening torque		FS2270 (T15IP) 4,794 lbs	FS2271 (T20IP) 5,163 lbs	FS2272 (T30) 5,9 lbs

Accessories		Dc (inch) SB (inch)	3,937 0,118-0,157	4,921 0,118-0,157	6,299 0,118-0,157
	Mounting wrench for cutting insert		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)
	Torque T-handle		FS2041	FS2041	FS2041
	Interchangeable blade		FS2047 (T15IP)	FS2048 (T20IP)	FS2046 (T30)
	Screwdriver		FS1485 (T15IP)	FS1486 (T20IP)	FS1175 (T30)



Designation	s inch	r inch	P				M				K	N	S				
			HC				HC				HC	HW	HC				
			WKP23S	WSM23S	WSM33G	WSM33S	WSM43S	WKP23S	WSM23S	WSM33G	WSM33S	WSM43S	WKP23S	WK1	WSM23S	WSM33G	WSM33S
SX-3E300N02-CE4	0,118	0,008	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SX-3E300N02-CF6	0,118	0,008			☺	☺	☺	☺	☺	☺	☺			☺	☺	☺	☺
SX-3E300N02-SF5	0,118	0,008			☺	☺	☺	☺	☺	☺	☺					☺	☺
SX-3E300N02-SK8	0,118	0,008			☺	☺	☺	☺	☺	☺	☺		☺				
SX-4E400N02-CE4	0,157	0,008	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
SX-4E400N02-SF5	0,157	0,008			☺	☺	☺	☺	☺	☺	☺			☺	☺	☺	☺
SX-4E400N02-SK8	0,157	0,008			☺	☺	☺	☺	☺	☺	☺	☺					

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

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

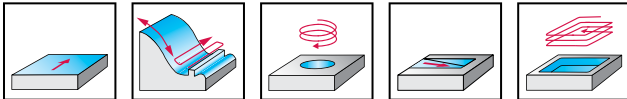
☺ ☹ ☹☹ / \* = New addition to the product range

Slot milling cutters D 623

# 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 <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
	M5468-010-T09-02-02.5	2,5	10	T09	20		2,5	2	0,01	2	RD . X0501M0
	M5468-012-T09-03-02.5	2,5	12	T09	20		2,5	3	0,01	3	
	M5468-016-T14-04-02.5	2,5	16	T14	25		2,5	4	0,03	4	
	M5468-020-T18-05-02.5	2,5	20	T18	30		2,5	5	0,06	5	
ScrewFit											
	M5468-010-TC06-02-02.5	2,5	10	M6	20		2,5	2	0,01	2	RD . X0501M0
	M5468-012-TC06-03-02.5	2,5	12	M6	20		2,5	3	0,01	3	
	M5468-016-TC08-04-02.5	2,5	16	M8	25		2,5	4	0,03	4	
	M5468-020-TC10-05-02.5	2,5	20	M10	30		2,5	5	0,06	5	
Cylindrical modular											
	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 <sub>a</sub> [mm]	10–20
	Clamping screw for indexable insert Tightening torque	FS1358 (T6) 0,4 Nm

### Accessories

	D <sub>a</sub> [mm]	10–20
	Torque screwdriver, analogue	FS2001
	Interchangeable blade	FS2005 (T6)
	Screwdriver	FS1063 (T6)

### Indexable inserts

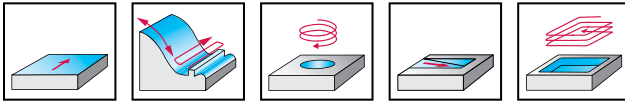
Designation	Tolerance class	Number of cutting edges	d [mm]	P					M			K					N	S			H		
				HC					HC			HC					HW	HC			HC		
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WK10	WSM35G	WSM35S	WSP45G	WHH15X	
	G	4	5															☉					
RDGX0501M0-G88	G	4	5															☉					
RDHX0501M0-A57	H	4	5	☉	☉	☉	☉	☉				☉	☉	☉	☉	☉	☉						☉
RDMX0501M0-D57	M	4	5	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉		☉	☉	☉		☉

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

# 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 <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
M5468-015-T14-03-03.5	3,5	15	T14	25		3,5	3	0,03	3	RD . X07T1M0
M5468-020-T18-04-03.5	3,5	20	T18	30		3,5	4	0,05	4	
M5468-025-T22-05-03.5	3,5	25	T22	35		3,5	5	0,1	5	
M5468-030-T28-06-03.5	3,5	30	T28	40		3,5	6	0,18	6	
ScrewFit										
M5468-015-TC08-03-03.5	3,5	15	M8	25		3,5	3	0,03	3	RD . X07T1M0
M5468-020-TC10-04-03.5	3,5	20	M10	30		3,5	4	0,05	4	
M5468-025-TC12-05-03.5	3,5	25	M12	35		3,5	5	0,09	5	
M5468-030-TC16-06-03.5	3,5	30	M16	40		3,5	6	0,17	6	
Cylindrical modular										
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 <sub>a</sub> [mm]	15–30
	Clamping screw for indexable insert Tightening torque	FS1455 (T8IP) 1,2 Nm

### Accessories

	D <sub>a</sub> [mm]	15–30
	Torque screwdriver, analogue	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	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			
				WHI15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WHI15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WKC10	WSM35G	WSM35S	WSP45G	WHI15X	
RDGX07T1M0-G88	G	4	7																				
RDHX07T1M0-A57	H	4	7	☺	☺	☺	☺					☺	☺	☺	☺	☺	☺						☺
RDMX07T1M0-D57	M	4	7	☺	☺	☺	☺	☺	☺	☺	☺		☺	☺	☺	☺	☺						☺

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

# Round insert milling cutters

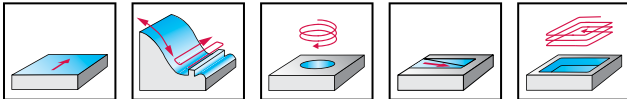
M5468 mm

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 <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
	M5468-016-T14-02-04	4	16	T14	25		4	2	0,03	2	RO . X0803M0
	M5468-025-T22-03-04	4	25	T22	35		4	3	0,09	3	
	M5468-032-T28-05-04	4	32	T28	40		4	5	0,18	5	
	M5468-016-TC08-02-04	4	16	M8	25		4	2	0,03	2	RO . X0803M0
	M5468-025-TC12-03-04	4	25	M12	35		4	3	0,09	3	
	M5468-032-TC16-05-04	4	32	M16	40		4	5	0,17	5	
	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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>a</sub> [mm]	16	25-32
	Clamping screw for indexable insert Tightening torque	FS1456 (T9IP) 2 Nm	FS2078 (T9IP) 1,5 Nm

### Accessories

	D <sub>a</sub> [mm]	16	25-32
	Torque screwdriver, analogue	FS2003	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	d mm	P					M			K					N		S			H	
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WKC10	WSM35G	WSM35S	WSP45G	WHH15X
ROGX0803M04-G88	G	4	8																				
ROHX0803M04-A57	H	4	8	☺	☺	☺	☺					☺	☺	☺	☺	☺							☺
ROHX0803M04-D57	H	4	8				☺	☺	☺														
ROHX0803M04-D67	H	4	8				☺	☺	☺														
ROMX0803M04-D57	M	4	8	☺			☺	☺	☺	☺													

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

# Round insert milling cutters

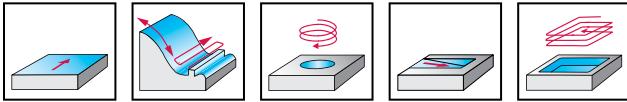
M5468 inch

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 <sub>a</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
	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

D2

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>a</sub> [inch]	1
	Clamping screw for indexable insert Tightening torque	FS2078 (T9IP) 1,106 lbs

### Accessories

	D <sub>a</sub> [inch]	1
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

### Indexable inserts

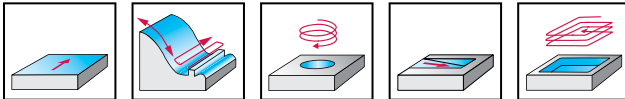
Designation	Tolerance class	Number of cutting edges	d inch	P					M			K					N		S			H		
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSP45G	WHH15X	
ROGX0803M04-G88	G	4	0,315																					
ROHX0803M04-A57	H	4	0,315	☺	☺	☺	☺					☺	☺	☺	☺	☺								☺
ROHX0803M04-D57	H	4	0,315																					
ROHX0803M04-D67	H	4	0,315																					
ROMX0803M04-D57	M	4	0,315	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺								

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

# 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 <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>ScrewFit</p>	M5468-020-T18-02-05	5	20	T18	30		5	2	0,05	2	RO . X10T3M0
	M5468-025-T22-03-05	5	25	T22	35		5	3	0,09	3	
	M5468-030-T28-04-05	5	30	T28	40		5	4	0,16	4	
	M5468-032-T28-04-05	5	32	T28	40		5	4	0,17	4	
	M5468-035-T28-05-05	5	35	T28	40		5	5	0,19	5	
	M5468-040-T36-05-05	5	40	T36	40		5	5	0,31	5	
<p>Cylindrical modular</p>	M5468-020-TC10-02-05	5	20	M10	30		5	2	0,05	2	RO . X10T3M0
	M5468-025-TC12-03-05	5	25	M12	35		5	3	0,08	3	
	M5468-030-TC16-04-05	5	30	M16	40		5	4	0,15	4	
	M5468-032-TC16-04-05	5	32	M16	40		5	4	0,16	4	
	M5468-035-TC16-05-05	5	35	M16	40		5	5	0,18	5	
	M5468-040-TC16-05-05	5	40	M16	40		5	5	0,19	5	
<p>DIN 1835 B</p>	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	
<p>Shell mill mount DIN 138 transverse keyway</p>	M5468-040-B16-05-05	5	40	16	40		5	5	0,14	5	RO . X10T3M0
	M5468-050-B22-06-05	5	50	22	50		5	6	0,33	6	
	M5468-052-B22-06-05	5	52	22	50		5	6	0,38	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 <sub>a</sub> [mm]	20–52
	Clamping screw for indexable insert Tightening torque	FS2181 (T15IP) 3 Nm

### Accessories

	D <sub>a</sub> [mm]	20–52
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	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	WSM35S	WSM45X	WSP45G	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G
ROGX10T3M08-G88	G	8	10																					
ROHX10T3M08-A57	H	8	10	☺	☺	☺	☺								☺	☺	☺						☺	
ROMX10T3M08-D57	M	8	10		☺	☺	☺	☺	☺						☺	☺	☺							
ROMX10T3M08-F67	M	8	10					☺	☺	☺	☺	☺						☺	☺	☺	☺			
ROMX10T3M0T8-A27	M	8	10		☺	☺	☺								☺	☺								

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

# Round insert milling cutters

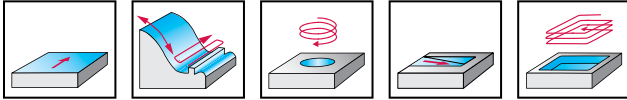
M5468 inch

RO . X10T3M0

Xtra-tec® XT



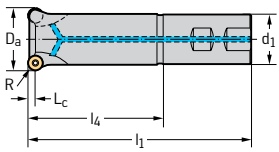
- With indexing surfaces
- 8 cutting edges per indexable insert



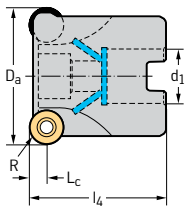
	P	M	K	N	S	H	O
M5468	●	●	●	●	●	●	●

## Tool

Designation	R inch	D <sub>a</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
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	
M5468.051-B19-06-05	0,197	2,000	0,750	1,750		0,197	6	0,597	6	RO . X10T3M0



DIN 1835 B



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 <sub>a</sub> [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 <sub>a</sub> [inch]	1-2
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

### Indexable inserts

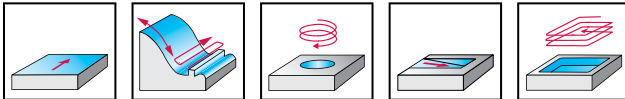
Designation	Tolerance class	Number of cutting edges	d inch	P					M				K					N		S			H
				HC					HC				HC					HC	HW	HC			HC
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSM45X
ROGX10T3M08-G88	G	8	0,394																				
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 = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

# 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 <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
	M5468-024-T22-02-06	6	24	T22	35		6	2	0,08	2	RO . X1204M0
	M5468-032-T28-03-06	6	32	T28	40		6	3	0,17	3	
	M5468-040-T36-05-06	6	40	T36	40		6	5	0,3	5	
	M5468-042-T36-05-06	6	42	T36	40		6	5	0,31	5	
	M5468-024-TC12-02-06	6	24	M12	35		6	2	0,07	2	RO . X1204M0
	M5468-032-TC16-03-06	6	32	M16	40		6	3	0,16	3	
	M5468-040-TC16-05-06	6	40	M16	40		6	5	0,18	5	
	M5468-042-TC16-05-06	6	42	M16	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	0,13	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	0,31	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	1,08	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 <sub>a</sub> [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 <sub>a</sub> [mm]	24-100
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	d mm	P					M				K					N		S				H
				HC					HC				HC					HC	HW	HC				HC
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WKL0	WSM35G	WSM35S	WSM45X	WSP45G
ROGX1204M08-G88	G	8	12																					
ROHX1204M08-A57	H	8	12	☺	☺	☺	☺								☺	☺	☺							☺
ROMX1204M08-D57	M	8	12		☺	☺	☺	☺	☺						☺	☺	☺							
ROMX1204M08-F67	M	8	12																					
ROMX1204M0T8-A27	M	8	12		☺	☺	☺								☺	☺	☺							

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

# Round insert milling cutters

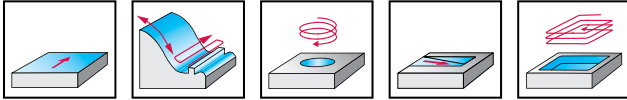
M5468

RO . X1204M0

Xtra-tec® XT

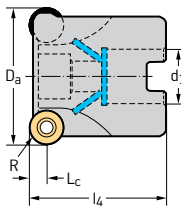


- With indexing surfaces
- 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●	●	●	●	●	●	●

## Tool



Shell mill mount DIN 138 transverse keyway

Designation	R mm	Da mm	d1 mm	l4 mm	l1 mm	Lc 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	1,53	8	

Bodies and assembly parts are included in the scope of delivery

### Assembly parts

	D <sub>a</sub> [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 <sub>a</sub> [mm]	24-100
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

### Indexable inserts

Designation	Tolerance class	Number of cutting edges	d mm	P					M				K					N		S				H
				HC					HC				HC					HC	HW	HC				HC
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WKL0	WSM35G	WSM35S	WSM45X	WSP45G
ROGX1204M08-G88	G	8	12																					
ROHX1204M08-A57	H	8	12	☺	☺	☺	☺								☺	☺	☺						☺	
ROMX1204M08-D57	M	8	12		☺	☺	☺	☺	☺						☺	☺	☺							
ROMX1204M08-F67	M	8	12					☺	☺	☺	☺							☺	☺	☺	☺			
ROMX1204M0T8-A27	M	8	12		☺	☺	☺								☺	☺	☺							

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

# Round insert milling cutters

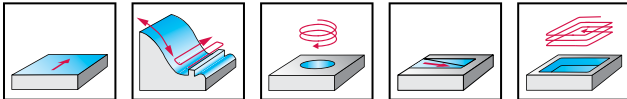
M5468 inch

RO . X1204M0

Xtra-tec® XT



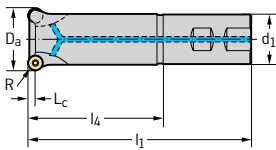
- With indexing surfaces
- 8 cutting edges per indexable insert



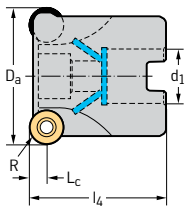
	P	M	K	N	S	H	O
M5468	●	●	●	●	●	●	●

## Tool

Designation	R inch	D <sub>a</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> 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

WALTER SELECT




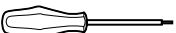
Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊




### Assembly parts

D <sub>a</sub> [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 <sub>a</sub> [inch]	1,5-4
 Torque screwdriver, analogue	FS2004
 Torque screwdriver, digital	FS2248
 Interchangeable blade	FS2014 (T15IP)
 Screwdriver	FS1485 (T15IP)

### Indexable inserts

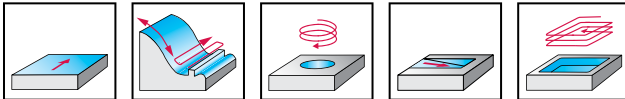
Designation	Tolerance class	Number of cutting edges	d inch	P								M				K					N		S			H
				HC								HC								HC	HW	HC			HC	
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X	
 ROGX1204M08-G88	G	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 = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

# 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 <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>ScrewFit</p>	M5468-032-T28-02-08	8	32	T28	40		8	2	0,14	2	RO . X1605M0
	M5468-032-TC16-02-08	8	32	M16	40		8	2	0,14	2	RO . X1605M0
<p>Cylindrical modular</p>	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	
<p>DIN 1835 B</p>	M5468-052-B22-04-08	8	52	22	50		8	4	0,32	4	RO . X1605M0
	M5468-052-B22-05-08	8	52	22	50		8	5	0,38	5	
	M5468-063-B22-05-08	8	63	22	50		8	5	0,49	5	
	M5468-063-B22-06-08	8	63	22	50		8	6	0,49	6	
	M5468-066-B27-05-08	8	66	27	50		8	5	0,57	5	
	M5468-066-B27-06-08	8	66	27	50		8	6	0,66	6	
	M5468-080-B27-06-08	8	80	27	50		8	6	0,82	6	
	M5468-080-B27-07-08	8	80	27	50		8	7	0,82	7	
	M5468-100-B32-07-08	8	100	32	50		8	7	1,43	7	
	M5468-125-B40-08-08	8	125	40	63		8	8	2,79	8	

Bodies and assembly parts are included in the scope of delivery

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>a</sub> [mm]	32	52-125
	Clamping screw for indexable insert Tightening torque	FS2281 (T20IP) 5 Nm	FS1495 (T20IP) 5 Nm

### Accessories

	D <sub>a</sub> [mm]	32-125
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	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	WSM45X	WSP45G	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WKL0	WSM35G	WSM35S	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 = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

## Round insert milling cutters

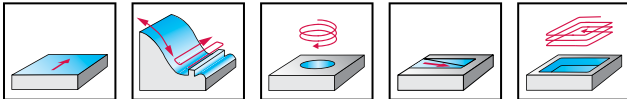
M5468 inch

RO . X1605M0

Xtra-tec® XT

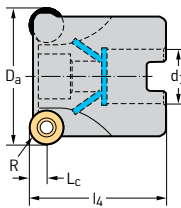


- With indexing surfaces
- 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●	●	●	●	●	●	●

### Tool



Shell mill mount DIN 138 transverse keyway

Designation	R inch	D <sub>a</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	L <sub>c</sub> 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 <sub>a</sub> [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 <sub>a</sub> [inch]	2,5-5
	Torque screwdriver, analogue	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

### Indexable inserts

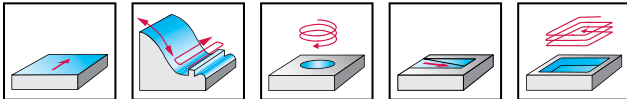
Designation	Tolerance class	Number of cutting edges	d inch	P					M				K					N		S			H	
				HC					HC				HC					HC	HW	HC			HC	
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G
ROGX1605M08-G88	G	8	0,630																					
ROHX1605M08-A57	H	8	0,630	☺	☺	☺	☺							☺	☺	☺	☺	☺						☺
ROMX1605M08-D57	M	8	0,630		☺	☺	☺	☺	☺															
ROMX1605M08-F67	M	8	0,630					☺	☺															
ROMX1605M0T8-A27	M	8	0,630		☺	☺	☺							☺	☺	☺	☺							

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

# 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 <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
 ScrewFit	M5468-040-T36-02-10	10	40	T36	40		10	2	0,25	2	RO . X2006M0
 Cylindrical modular	M5468-040-TC16-02-10	10	40	M16	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	0,43	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	0,74	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	1,41	6	
	M5468-100-B32-07-10	10	100	32	50		10	7	1,4	7	
	M5468-125-B40-07-10	10	125	40	63		10	7	2,86	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

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

	D <sub>a</sub> [mm]	40–160
	Clamping screw for indexable insert Tightening torque	FS2614 (T20IP) 5 Nm

### Accessories

	D <sub>a</sub> [mm]	40–160
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

### Indexable inserts

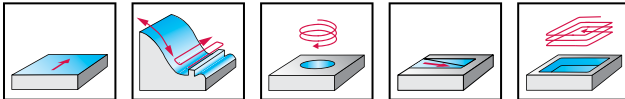
Designation	Tolerance class	Number of cutting edges	d mm	P					M			K					N		S		H	
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSP45G
ROGX2006M08-G88	G	8	20												☺	☺						
ROHX2006M08-A57	H	8	20	☺	☺	☺	☺								☺	☺						☺
ROHX2006M08-D57	H	8	20				☺								☺							
ROHX2006M0T8-A27	H	8	20				☺								☺							
ROMX2006M08-D57	M	8	20	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	
ROMX2006M0T8-A27	M	8	20	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	

HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

# 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 <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
 ScrewFit	F2334R.T22.025.Z03.05	5	T22	35		5	3	0,1	3	RO . X10T3M0
	F2334R.T28.032.Z03.05	5	T28	40		5	3	0,18	3	
	F2334R.T28.032.Z04.05	5	T28	40		5	4	0,2	4	
	F2334R.T36.040.Z04.06	6	T36	40		6	4	0,34	4	RO . X1204M0
 Cylindrical shank	F2334R.Z32.032.Z04.05	5	32	70	131	5	4	0,66	4	RO . X10T3M0
 Shell mill mount DIN 138 transverse keyway	F2334R.B16.040.Z04.06	6	16	40		6	4	0,22	4	RO . X1204M0
	F2334R.B16.040.Z05.05	5	16	40		5	5	0,23	5	RO . X10T3M0
	F2334R.B16.040.Z05.06	6	16	40		6	5	0,21	5	RO . X1204M0
	F2334R.B16.040.Z06.05	5	16	40		5	6	0,23	6	RO . X10T3M0
	F2334R.B22.050.Z05.06	6	22	40		6	5	0,32	5	RO . X1204M0
	F2334R.B22.050.Z06.06	6	22	40		6	6	0,35	6	
	F2334R.B22.052.Z05.05	5	22	40		5	5	0,34	5	RO . X10T3M0
	F2334R.B22.052.Z05.06	6	22	40		6	5	0,37	5	RO . X1204M0
	F2334R.B22.052.Z06.05	5	22	40		5	6	0,35	6	RO . X10T3M0
	F2334R.B22.052.Z06.06	6	22	40		6	6	0,39	6	RO . X1204M0
	F2334R.B22.063.Z07.06	6	22	40		6	7	0,59	7	
	F2334R.B27.066.Z06.06	6	27	50		6	6	0,59	6	
	F2334R.B27.066.Z07.06	6	27	50		6	7	0,6	7	
F2334R.B27.080.Z07.06	6	27	50		6	7	0,9	7		
F2334R.B27.080.Z09.06	6	27	50		6	9	0,9	9		

Bodies and assembly parts are included in the scope of delivery


D2

**WALTER SELECT**

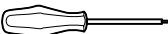


Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☹ → Moderate = ☹☹




### 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)
 Torque screwdriver, analogue	FS2003
 Interchangeable blade	FS2014 (T15IP)

### Indexable inserts

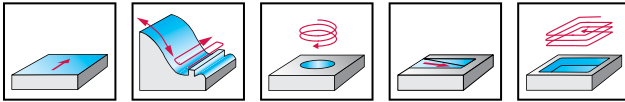
Designation	Tolerance class	Number of cutting edges	d mm	P				M				K		S		
				HC				HC				HC		HC		
				WKP35G	WKP35S	WMP45G	WSP45G	WMP45G	WSM35G	WSM35S	WSM45X	WSP45G	WKP35G	WKP35S	WSM35G	WSM35S
 ROHX10T3M0-D57	H	4	10	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
ROHX10T3M0-D67	H	4	10	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
ROHX10T3M0-F67	H	4	10	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
ROHX10T3M0T-A27	H	4	10	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
ROMX10T3M0-D57	M	4	10	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
ROMX10T3M0-D67	M	4	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 = beschichtetes Hartmetall

# 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 <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
<p>ScrewFit</p>	F2334R.UT28.031.Z04.05	0,197	T28	1,575		0,197	4	0,432	4	RO . X10T3M0
<p>Cylindrical shank</p>	F2334R.UZ31.031.Z04.05	0,197	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	0,500	1,500		0,236	4	0,375	4	RO . X1204M0
	F2334R.UB19.051.Z05.06	0,236	0,750	1,500		0,236	5	0,758	5	RO . X10T3M0
	F2334R.UB19.051.Z06.05	0,197	0,750	1,500		0,197	6	0,686	6	
	F2334R.UB19.051.Z06.06	0,236	0,750	1,500		0,236	6	0,717	6	RO . X1204M0
	F2334R.UB26.064.Z07.06	0,236	1,000	1,750		0,236	7	1,488	7	

Bodies and assembly parts are included in the scope of delivery

D2

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### 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)
Torque screwdriver, analogue	FS2004
Interchangeable blade	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	4	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 = beschichtetes Hartmetall

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

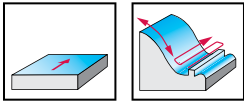
☺ ☺ ☺ / \* = New addition to the product range

Copy milling cutters D 651

# Copy milling cutter with round inserts

**M2471** mm


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M2471	●●	●●	●	●	●●	●	●




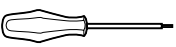
Tool	Designation	R mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>ScrewFit</p>	M2471-025-T22-03-05	5	25	T22	35		5	3	0,09	3	RNMX1005M0
	M2471-032-T28-03-06	6	32	T28	40		6	3	0,18	3	RNMX1206M0
	M2471-040-T36-04-06	6	40	T36	40		6	4	0,31	4	
<p>ScrewFit</p>	M2471-025-A25-03-05-L	5	25	25	60	150	5	3	0,47	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	WSP45S	WSM35G	WSM35S	WSP45G	WSP45S	WSM35G	WSM35S	WSP45G	WSP45S
 RNMX1005M0-G57 RNMX1005M0-K67 RNMX1206M0-G57 RNMX1206M0-K67	M	8	10										
	M	8	10										
	M	8	12										
	M	8	12										

HC = beschichtetes Hartmetall

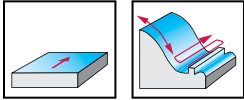
# Copy milling cutter with round inserts

M2471 inch

RNMX1206M0

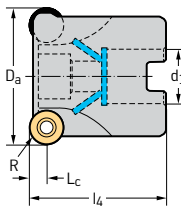


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M2471	●●	●●	●	●	●●	●	●

## Tool



Shell mill mount DIN 138 transverse keyway

Designation	R inch	Da inch	d <sub>1</sub> inch	l <sub>4</sub> inch	L <sub>c</sub> inch	Z	lbs	No. of inserts	Type
M2471.051-B19-05-06	0,236	2,000	0,750	1,500	0,236	5	0,739	5	RNMX1206M0
M2471.064-B26-07-06	0,236	2,500	1,000	1,750	0,236	7	1,51	7	

Bodies and assembly parts are included in the scope of delivery

D2

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

		Type	RNMX1206M0
	Clamping screw for indexable insert		FS1453 (T15IP) 2,581 lbs
	Tightening torque		
	Clamping screw for arbour-mounted tools		FS1523

### Accessories

		Type	RNMX1206M0
	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				S				
				HC		HC				HC				
				WSP45G	WSP45S	WSM35G	WSM35S	WSP45G	WSP45S	WSM35G	WSM35S	WSP45G	WSP45S	
	RNMX1206M0-G57	M	8	0.472										
	RNMX1206M0-K67	M	8	0.472										

HC = beschichtetes Hartmetall

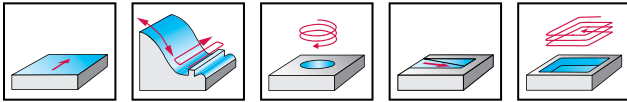
# Copy milling cutter with round inserts

M2472

RPGN1204 ..



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M2472			●		●●		

Tool	Designation	R mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
	★ M2472-032-T28-03-06	6,35	32	T28	40	6	3	0,18	3	RPGN1204 ..
	★ M2472-040-T36-04-06	6,35	40	T36	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



### Assembly parts

	Type	RPGN1204 ..
	Spannschraube für Klemmkeil	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
	RPGN120400E	12,7	11°
	RPGN120400T01020	12,7	11°

CS = unbeschichtete Keramik SIALON

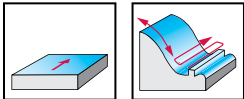
# Copy milling cutter with round inserts

M2473

RNGN1207 ..



– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M2473			●		●●		

Tool	Designation	R mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
<p>ScrewFit</p>	★ M2473-040-T36-04-06	6,35	40	T36	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

### Assembly parts

	Type	RNGN1207 ..
	Spannschraube für Klemmkeil	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

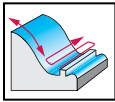
Designation	d mm	S	
		CR	CS
	RNGN120700E		
	RNGN120700T01020		

CR = verstärkte Keramik  
CS = unbeschichtete Keramik SiAlON

# 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 <sub>c</sub> mm	R mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	Z	kg	No. of inserts	T Nm	Type
M5460-008-T09-02-04	8	4	T09	20		2	0,01	1	6	P320 . -D08
M5460-010-T09-02-05	10	5	T09	25		2	0,01	1	6	P320 . -D10
M5460-012-T09-02-06	12	6	T09	25		2	0,01	1	6	P320 . -D12
M5460-012-T14-02-06	12	6	T14	25		2	0,02	1	25	P320 . -D16
M5460-016-T14-02-08	16	8	T14	25		2	0,03	1	25	
M5460-020-T18-02-10	20	10	T18	30		2	0,05	1	50	P320 . -D20
M5460-025-T22-02-12	25	12,5	T22	35		2	0,08	1	80	P320 . -D25
M5460-030-T28-02-15	30	15	T28	40		2	0,15	1	150	P320 . -D30
M5460-032-T28-02-16	32	16	T28	40		2	0,15	1	150	P320 . -D32
M5460-008-TC06-02-04	8	4	M6	20		2	0,01	1		P320 . -D08
M5460-010-TC06-02-05	10	5	M6	25		2	0,01	1		P320 . -D10
M5460-012-TC06-02-06	12	6	M6	25		2	0,01	1		P320 . -D12
M5460-016-TC08-02-08	16	8	M8	25		2	0,02	1		P320 . -D16
M5460-020-TC10-02-10	20	10	M10	30		2	0,05	1		P320 . -D20
M5460-025-TC12-02-12	25	12,5	M12	35		2	0,08	1		P320 . -D25
M5460-030-TC16-02-15	30	15	M16	40		2	0,14	1		P320 . -D30
M5460-032-TC16-02-16	32	16	M16	40		2	0,14	1		P320 . -D32
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	0,09	1		P320 . -D10
M5460-012-A12-02-06	12	6	12	32	130	2	0,09	1		P320 . -D12
M5460-016-A16-02-08	16	8	16	36	140	2	0,18	1		P320 . -D16
M5460-020-A20-02-10	20	10	20	45	160	2	0,32	1		P320 . -D20
M5460-025-A25-02-12	25	12,5	25	45	160	2	0,42	1		P320 . -D25
M5460-030-A32-02-15	30	15	32	56	175	2	0,89	1		P320 . -D30
M5460-032-A32-02-16	32	16	32	56	175	2	0,9	1		P320 . -D32

Bodies and assembly parts are included in the scope of delivery

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

D <sub>c</sub> [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 <sub>c</sub> [mm]	8	10	12-25	30-32
				FS2041
	FS2003	FS2003	FS2003	
	FS2248	FS2248	FS2248	FS2248
	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2108 (T30IP)
	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS2109 (T30IP)

### Indexable inserts

Designation	D <sub>c</sub> <sup>-0.03</sup> mm	P		M		K		S		H			
		HC		HC		HC		HC		HC			
		WHH15X	WKP25	WSP46	WSP46G	WSM36	WSP46	WSP46G	WHH15X	WKP25	WSM36	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 = beschichtetes Hartmetall

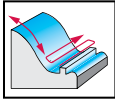
# Profile milling cutters

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 <sub>c</sub> mm	R mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> 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	0,1	1		
	M5460-012-A12-02-06-C-XL	12	6	12	142	200	2	0,27	1		
	M5460-016-A16-02-08-C	16	8	16	43	110	2	0,14	1		P320 . -D16
	M5460-016-A16-02-08-C-L	16	8	16	73	140	2	0,18	1		
	M5460-016-A16-02-08-C-XL	16	8	16	128	195	2	0,24	1		
	M5460-020-A20-02-10-C	20	10	20	47	130	2	0,49	1		P320 . -D20
	M5460-020-A20-02-10-C-L	20	10	20	107	190	2	0,39	1		
	M5460-025-A25-02-12-C	25	12,5	25	77	160	2	0,9	1		P320 . -D25
M5460-025-A25-02-12-C-L	25	12,5	25	167	250	2	1,43	1			

Bodies and assembly parts are included in the scope of delivery

### Assembly parts

D <sub>c</sub> [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 <sub>c</sub> [mm]	8	10	12-25	30-32
				FS2041
	FS2003	FS2003	FS2003	
	FS2248	FS2248	FS2248	FS2248
	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2108 (T30IP)
	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS2109 (T30IP)

### Indexable inserts

Designation	D <sub>c</sub> <sup>-0.03</sup> mm	P		M		K		S		H			
		HC		HC		HC		HC		HC			
		WHH15X	WKP25	WSP46	WSP46G	WSM36	WSP46	WSP46G	WHH15X	WKP25	WSM36	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 = beschichtetes Hartmetall

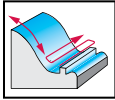
# Profile milling cutters

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 <sub>c</sub> inch	R inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> 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

D2



### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [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

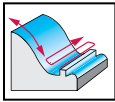
Designation	D <sub>c</sub> <sup>-0.03</sup> inch	P		M		K		S		H	
		HC	HC	HC	HC	HC	HC	HC	HC		
		WHH15X	WSP46	WSP466	WSP46	WSP46G	WHH15X	WSP46	WSP466	WHH15X	WHH15X
P3201-D09.52	0,375	☺					☺				☺
P3204-D09.52	0,375	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
P3201-D12.7	0,500	☺					☺				☺
P3204-D12.7	0,500	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
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 = beschichtetes Hartmetall

# Profile milling cutters

**F2139** mm


– For HSC machining



	P	M	K	N	S	H	O
F2139	●●	●●	●●	●●	●●	●●	●

Tool	Designation	D <sub>c</sub> mm	R mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	Z	kg	No. of inserts	Type
 ScrewFit	F2139.T09.010.Z02.05	10	5	T09	25		2	0,02	1	P320 . -D09.52 P320 . -D10
	F2139.T09.012.Z02.06	12	6	T09	25		2	0,02	1	P320 . -D12 P320 . -D12.7
	F2139.T14.012.Z02.06	12	6	T14	25		2	0,03	1	
	F2139.T14.016.Z02.08	16	8	T14	25		2	0,04	1	P320 . -D15.87 P320 . -D16
	F2139.T18.020.Z02.10	20	10	T18	30		2	0,06	1	P320 . -D19.05 P320 . -D20
	F2139.T22.025.Z02.12	25	12,5	T22	35		2	0,1	1	P320 . -D25 P320 . -D25.4
	F2139.T28.030.Z02.15	30	15	T28	40		2	0,18	1	P320 . -D30 P320 . -D31.75
F2139.T28.032.Z02.16	32	16	T28	40		2	0,18	1	P320 . -D32	
 Cylindrical shank	F2139.5.08.070.08-CS	8	4	8	25	70	2	0,05	1	P320 . -D07.94 P320 . -D08
	F2139.5.08.100.08-CS	8	4	8	55	100	2	0,07	1	
	F2139.5.10.080.10-CS	10	5	10	30	80	2	0,08	1	P320 . -D09.52 P320 . -D10
	F2139.5.10.120.10-CS	10	5	10	70	120	2	0,12	1	
	F2139.5.12.090.12-CS	12	6	12	32	90	2	0,13	1	P320 . -D12 P320 . -D12.7
	F2139.5.12.145.12-CS	12	6	12	87	145	2	0,21	1	
	F2139.5.16.110.16-CS	16	8	16	43	110	2	0,27	1	P320 . -D15.87 P320 . -D16
	F2139.5.16.195.16-CS	16	8	16	128	195	2	0,45	1	
	F2139.5.20.130.20-CS	20	10	20	47	130	2	0,49	1	P320 . -D19.05 P320 . -D20
	F2139.5.20.240.20-CS	20	10	20	157	240	2	0,92	1	


F2139 . . -CS with solid carbide shank | Advantages: Increased rigidity, reduced deflection and neutralised vibrations | Bodies and assembly parts are included in the scope of delivery

D2

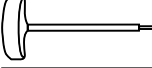
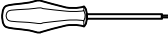
**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊


### Assembly parts

D <sub>c</sub> [mm]	8	10	12	16	20	25	30-32
 Clamping screw for indexable insert Tightening torque	FS397 (T8) 1 Nm	FS390 (T15) 4 Nm	FS391 (T20) 5 Nm	FS392 (T20) 5 Nm	FS393 (T20) 5 Nm	FS394 (T20) 5 Nm	FS395 (T30) 6 Nm

### Accessories

D <sub>c</sub> [mm]	8	10	12-25	30-32
 Handle key				FS1175 (T30)
 Screwdriver for indexable insert	FS230 (T8)	FS229 (T15)	FS228 (T20)	

### Indexable inserts

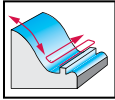
Designation	D <sub>c</sub> <sup>-0.03</sup> mm	P		M		K		S		H			
		HC		HC		HC		HC		HC			
		WHH15X	WKP25	WSP46	WSP46G	WSM36	WSP46	WSP46G	WHH15X	WKP25	WSM36	WSP46	WSP46G
 P3201-D07.94	7,9	☺						☺					☺
P3204-D07.94	7,9			☹			☹	☺				☹	☺
P3201-D08	8	☺						☺					☺
P3204-D08	8		☹	☹	☹	☹	☹	☺	☹	☹	☹	☹	☺
P3201-D09.52	9,5	☺						☺					☺
P3204-D09.52	9,5		☹	☹		☹	☹	☺		☹	☹	☹	☺
P3201-D10	10	☺	☹					☺	☹				☺
P3204-D10	10		☹	☹	☹	☹	☹	☺	☹	☹	☹	☹	☺
P3201-D12	12	☺	☹					☺	☹				☺
P3204-D12	12		☹	☹	☹	☹	☹	☺	☹	☹	☹	☹	☺
P3201-D12.7	12,7	☺						☺					☺
P3204-D12.7	12,7		☹	☹		☹	☹	☺		☹	☹	☹	☺
P3201-D15.87	15,9	☺						☺					☺
P3204-D15.87	15,9		☹	☹		☹	☹	☺		☹	☹	☹	☺
P3201-D16	16	☺	☹					☺	☹				☺
P3204-D16	16		☹	☹	☹	☹	☹	☺	☹	☹	☹	☹	☺
P3201-D19.05	19,1	☺						☺					☺
P3204-D19.05	19,1		☹	☹		☹	☹	☺		☹	☹	☹	☺
P3201-D20	20	☺	☹					☺	☹				☺
P3204-D20	20		☹	☹	☹	☹	☹	☺	☹	☹	☹	☹	☺
P3201-D25	25	☺	☹					☺	☹				☺
P3204-D25	25		☹	☹	☹	☹	☹	☺	☹	☹	☹	☹	☺
P3201-D25.4	25,4	☺						☺					☺
P3204-D25.4	25,4		☹	☹		☹	☹	☺		☹	☹	☹	☺
P3201-D30	30	☺						☺					☺
P3204-D30	30		☹	☹	☹	☹	☹	☺	☹	☹	☹	☹	☺
P3201-D31.75	31,8	☺						☺					☺
P3204-D31.75	31,8		☹	☹		☹	☹	☺		☹	☹	☹	☺
P3201-D32	32	☺						☺					☺
P3204-D32	32		☹	☹	☹	☹	☹	☺	☹	☹	☹	☹	☺

HC = beschichtetes Hartmetall

# Copy milling cutters

**F2239 / F2239B** mm


- With peripheral cutting edges
- 3 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2239	●●	●●	●●	●●	●●	●●	●●


Tool	Designation	D <sub>c</sub> mm	R mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	Z	kg	No. of inserts	Type
<p>ScrewFit</p>	F2239.T18.020.Z01.15	20	10	T18	30		1	0,05	2 1	P26315R10
	F2239.T22.025.Z01.18	25	12,5	T22	35		1	0,09	2 1	P26315R12
	F2239.T28.030.Z01.23	30	15	T28	40		1	0,15	2 1	P26315R15
	F2239.T28.032.Z01.24	32	16	T28	40		1	0,17	2 1	P26315R16
	F2239.T36.040.Z01.41	40	20	T36	65		1	0,42	2 2	P26315R20
	F2239.T45.050.Z01.46	50	25	T45	70		1	0,63	3 2	P26315R25
<p>ScrewFit</p>	F2239B.T14.020.Z01.10	20	10	T14	25		1	0,04	3	P26315R10
	F2239B.T18.025.Z01.12	25	12,5	T18	30		1	0,07	3	P26315R12
	F2239B.T22.030.Z01.15	30	15	T22	40		1	0,11	3	P26315R15
	F2239B.T22.032.Z01.16	32	16	T22	40		1	0,11	3	P26315R16
	F2239B.T28.040.Z01.20	40	20	T28	45		1	0,22	3	P26315R20
	<p>Cylindrical modular</p>	F2239.TC10.020.Z01.15	20	10	M10	30		1	0,04	2 1
F2239.TC12.025.Z01.18		25	12,5	M12	35		1	0,08	2 1	P26315R12
F2239.TC16.030.Z01.23		30	15	M16	40		1	0,13	2 1	P26315R15
F2239.TC16.032.Z01.24		32	16	M16	40		1	0,14	2 1	P26315R16
<p>Cylindrical modular</p>	F2239B.TC08.020.Z01.10	20	10	M8	25		1	0,03	3	P26315R10
	F2239B.TC10.025.Z01.12	25	12,5	M10	30		1	0,05	3	P26315R12
	F2239B.TC12.030.Z01.15	30	15	M12	40		1	0,09	3	P26315R15
	F2239B.TC12.032.Z01.16	32	16	M12	40		1	0,09	3	P26315R16
	F2239B.TC16.040.Z01.20	40	20	M16	45		1	0,18	3	P26315R20
<p>DIN 1835 B</p>	F2239.W.020.Z01.25	20	10	20	59	110	1	0,23	2 3	P26315R10
	F2239.W.025.Z01.28	25	12,5	25	73	130	1	0,42	2 3	P26315R12
	F2239.W.032.Z01.38	32	16	32	99	160	1	0,81	2 3	P26315R16
	F2239.W.040.Z01.51	40	20	40	119	190	1	1,49	2 3	P26315R20

Bodies and assembly parts are included in the scope of delivery

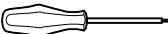




**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊



### Assembly parts

D <sub>c</sub> [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 <sub>c</sub> [mm]	20	25	30-32	40-63
 Screwdriver for indexable insert	FS230 (T8)	FS230 (T8)	FS229 (T15)	FS228 (T20)
 Torque screwdriver, analogue	FS2001	FS2001	FS2003	
 Torque screwdriver, digital		FS2248	FS2248	
 Torque T-handle				FS2041
 Interchangeable blade	FS2007 (T8)	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	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 = beschichtetes Hartmetall

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

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

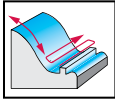
D2

# 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 <sub>c</sub> mm	R mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	Z	kg	No. of inserts	Type
	F2239.N5.050.Z01.46	50	25	50	70		1	0,6	3 2	P26315R25
	F2239.N5.050.Z01.77	50	25	50	105		1	0,88	3 5	
Modular NCT adaptor	F2239.N6.063.Z01.53	63	31,5	63	80		1	1,17	3 2	P26315R31
	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

D2

### Assembly parts

D <sub>c</sub> [mm]	20	25	30	32	40-63
	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 <sub>c</sub> [mm]	20	25	30-32	40-63
	FS230 (T8)	FS230 (T8)	FS229 (T15)	FS228 (T20)
	FS2001	FS2001	FS2003	
		FS2248	FS2248	
				FS2041
	FS2007 (T8)	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	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 = beschichtetes Hartmetall

WALTER SELECT

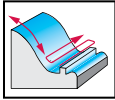
Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

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

# Copy milling cutters

**F2339** mm


- With anti-twist protection
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2339	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> mm	R mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	Z	kg	No. of inserts	Type
<p>ScrewFit</p>	F2339.T14.016.Z02.11	16	8	T14	25		2	0,03	2	XD . 1303080R
	F2339.T18.020.Z02.15	20	10	T18	30		2	0,05	2	XD . T16T3100R
	F2339.T22.025.Z02.20	25	12,5	T22	35		2	0,09	2	XD . T2004125R
	F2339.T28.030.Z02.24	30	15	T28	40		2	0,15	2	XD . T2405150R
	F2339.T28.032.Z02.25	32	16	T28	40		2	0,16	2	XD . T2506160R
	F2339.T36.040.Z02.31	40	20	T36	50		2	0,31	2	XD . T3207200R
<p>Cylindrical modular</p>	F2339.TC08.016.Z02.11	16	8	M8	25		2	0,02	2	XD . 1303080R
	F2339.TC10.020.Z02.15	20	10	M10	30		2	0,04	2	XD . T16T3100R
	F2339.TC12.025.Z02.20	25	12,5	M12	35		2	0,07	2	XD . T2004125R
	F2339.TC16.030.Z02.24	30	15	M16	40		2	0,12	2	XD . T2405150R
	F2339.TC16.032.Z02.25	32	16	M16	40		2	0,13	2	XD . T2506160R
<p>DIN 1835 B</p>	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.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

Bodies and assembly parts are included in the scope of delivery



### Assembly parts

D <sub>c</sub> [mm]	16	20	25	30-32	40	
	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

### Accessories

D <sub>c</sub> [mm]	16	20	25	30-32	40	
	Screwdriver for indexable insert	FS1483 (T8IP)	FS230 (T8)	FS229 (T15)		
	Handle key			FS1173 (T20)	FS1174 (T25)	
	Torque screwdriver, analogue	FS2001	FS2001	FS2003		
	Torque screwdriver, digital	FS2248	FS2248	FS2248		
	Torque T-handle			FS2041	FS2041	
	Interchangeable blade	FS2012 (T8IP)	FS2007 (T8)	FS2009 (T15)	FS2044 (T20)	FS2044 (T20)

### Tool

Designation	Tolerance class	Number of cutting edges	l <sub>2</sub> mm	l mm	s mm	α °	R mm	P				M				K				S				
								WC	HC	WC	HC	WC	HC	WC	HC	WC	HC	WC	HC					
								WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WSM35G	WSM35S	WSP45G	WSP45S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G	WSP45S	
XDGT1303079R-D57	G	2	8,5	13,12	3	15°	7,84																	
XDGT1303080R-D57	G	2	8,5	13,12	3	15°	8																	
XDGT16T3095R-D57	G	2	9	15,93	3,74	15°	9,53																	
XDGT16T3100R-D57	G	2	9	15,93	3,74	15°	10																	
XDGT2004125R-D57	G	2	11,3	19,94	4,68	15°	12,5																	
XDGT2004127R-D57	G	2	11,3	19,94	4,68	15°	12,7																	
XDGT2405150R-D57	G	2	13,5	23,94	5,62	15°	15																	
XDGT2506160R-D57	G	2	14,4	25,54	6	15°	16																	
XDGT3207200R-D57	G	2	18	31,95	7,5	15°	20																	
XDMT1303079R-F55	M	2	8,5	13,12	3	15°	7,92																	
XDMT1303080R-F55	M	2	8,5	13,12	3	15°	8																	
XDMT16T3095R-F55	M	2	9	15,93	3,74	15°	9,53																	
XDMT16T3100R-F55	M	2	9	15,93	3,74	15°	10																	
XDMT2004125R-F55	M	2	11,3	19,94	4,68	15°	12,5																	
XDMT2004127R-F55	M	2	11,3	19,94	4,68	15°	12,7																	
XDMT2405150R-F55	M	2	13,5	23,94	5,62	15°	15																	
XDMT2506159R-F55	M	2	14,4	25,54	6	15°	15,88																	
XDMT2506160R-F55	M	2	14,4	25,54	6	15°	16																	
XDMT3207200R-F55	M	2	18	31,95	7,5	15°	20																	

HC = beschichtetes Hartmetall

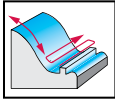
### WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = → Good = → Moderate =

# Copy milling cutters

**F2339** inch


- With anti-twist protection
- 2 cutting edges per indexable insert




	P	M	K	N	S	H	O
F2339	●	●	●	●	●	●	●

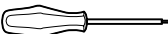
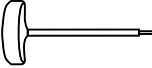
Tool	Designation	D <sub>c</sub> inch	R inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	Z	lbs	No. of inserts	Type
<p>ScrewFit</p>	F2339.UT14.015.Z02.11	0,625	0,313	T14	0,984		2	0,082	2	XD . 1303080R
	F2339.UT18.019.Z02.15	0,750	0,375	T18	1,181		2	0,099	2	XD . T16T3100R
	F2339.UT22.026.Z02.20	1,000	0,500	T22	1,378		2	0,172	2	XD . T2004125R
	F2339.UT28.031.Z02.25	1,250	0,625	T28	1,575		2	0,302	2	XD . T2506160R
	F2339.UT36.038.Z02.31	1,500	0,750	T36	1,969		2	0,688	2	XD . T3207200R
	F2339.UT45.051.Z02.40	2,000	0,992	T45	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 <sub>c</sub> [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 <sub>c</sub> [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	l <sub>2</sub> inch	l inch	s inch	α °	R inch	P		M		S	
								HC		HC		HC	
								WSP45G	WSP45S	WSP45G	WSP45S	WSP45G	WSP45S
 XDGT1303079R-D57	G	2	0,335	0,517	0,118	15°	0,309						
XDGT16T3095R-D57	G	2	0,354	0,627	0,147	15°	0,375						
XDGT2004127R-D57	G	2	0,445	0,785	0,184	15°	0,500						
XDGT3207191R-D57	G	2	0,709	1,258	0,295	15°	0,750						
XDGT4009254R-D57	G	2	0,886	1,573	0,370	15°	1,000						
XDMT1303079R-F55	M	2	0,335	0,517	0,118	15°	0,312						
XDMT16T3095R-F55	M	2	0,354	0,627	0,147	15°	0,375						
XDMT2004127R-F55	M	2	0,445	0,785	0,184	15°	0,500						
XDMT2506159R-F55	M	2	0,567	1,006	0,236	15°	0,625						
XDMT3207191R-F55	M	2	0,709	1,258	0,295	15°	0,750						
XDMT4009254R-F55	M	2	0,886	1,573	0,370	15°	1,000						

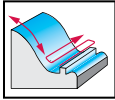
HC = beschichtetes Hartmetall

# 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 <sub>c</sub> mm	R mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	z	kg	No. of inserts	Type
 DIN 1835 B	F2339.W20.016.Z02.24	16	8	20	40	91	2	0,16	2 2	XD . 1303080R
	F2339.W20.020.Z02.28	20	10	20	50	110	2	0,21	2 2	XD . T16T3100R
	F2339.W25.025.Z02.32	25	12,5	25	55	130	2	0,4	2 2	XD . T2004125R
	F2339.W32.030.Z02.42	30	15	32	70	160	2	0,77	2 2	XD . T2405150R
	F2339.W32.032.Z02.43	32	16	32	70	160	2	0,8	2 2	XD . T2506160R
	F2339.W40.040.Z02.57	40	20	40	90	190	2	1,43	2 2	XD . T3207200R

A feed of Z = 1 is to be expected at the full cutting depth L<sub>c</sub>. | Bodies and assembly parts are included in the scope of delivery

D2

WALTER SELECT

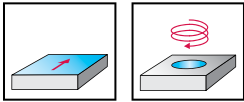
Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊



# 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 <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	L <sub>c</sub> 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	RO . X1605M0
<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	RO . X1605M0
	F2010.B.250.Z12.08.R723M	237,3	253,3	60	65	8	12	16,2	12	RO . X1605M0
	F2010.B.250.Z16.08.R723M	237,3	253,3	60	65	8	16	16,3	16	RO . X1605M0
<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	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 = 😊

### Assembly parts

	D <sub>c</sub> [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 <sub>c</sub> [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

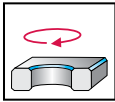
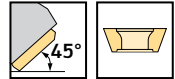
Designation	Tolerance class	Number of cutting edges	d mm	P			M			K		S	
				HC		WSM35G	HC		WKP35G	WKP35S	HC		
				WKP35G	WKP35S		WSP45G	WSP45G			WSM35G	WSM35S	WSM35S
ROHX1605M0-D57	H	6	16	☑	☑	☑			☑	☑			
ROHX1605M0-D67	H	6	16			☑			☑	☑		☑	
ROHX1605M0T-A27	H	6	16	☑	☑				☑	☑			
ROMX1605M0-D57	M	6	16	☑	☑	☑	☑	☑	☑	☑	☑	☑	

HC = beschichtetes Hartmetall

# Chamfer milling cutters

**M4574** mm


– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4574	●	●	●	●	●		

Tool	Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
 ScrewFit	M4574-012-T09-02-03	12	20,3	9,7	20		3,5	2	0,03	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
 ScrewFit	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	0,03	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	0,11	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	0,19	3	SDM . 120408
 Cylindrical shank	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	0,11	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	0,24	2	SDM . 06T204
	M4574-016-A16-02-05	16	28,8	16	40	160	5,5	2	0,25	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	0,5	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**
**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊



### 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	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WKC10	WSM35G	WSM35S	WSM45X
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																				☺

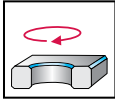
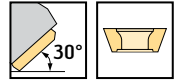
HC = beschichtetes Hartmetall  
 DP = Polykristaliner Diamant  
 HW = unbeschichtetes Hartmetall

# Chamfer milling cutters

M4574

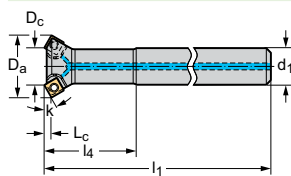


– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4574	●	●	●	●	●		

## Tool



Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
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

Cylindrical shank


M4574...-30 with  $\kappa = 30^\circ$  | Bodies and assembly parts are included in the scope of delivery

D2


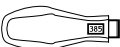

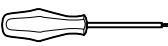
WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊


### Assembly parts

Type	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						
				WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WKC10	WSM35G	WSM35S	WSM45X	WSP45G		
 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	☺	☺	☺	☺																		☺

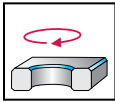
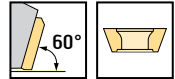
HC = beschichtetes Hartmetall  
HW = unbeschichtetes Hartmetall

# Chamfer milling cutters

M4574



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4574	●	●	●	●	●		

Tool		Designation	D <sub>c</sub> mm	D <sub>a</sub> mm	d <sub>1</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	L <sub>c</sub> mm	Z	kg	No. of inserts	Type
		M4574-008-A12-01-03-60	8	14,3	12	30	120	4,8	1	0,09	1	SDM . 06T204
		M4574-012-A16-02-03-60	12	18,3	16	40	160	4,8	2	0,22	2	
		M4574-016-A16-03-03-60	16	22,3	16	40	160	4,8	3	0,23	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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

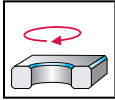
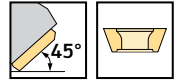


# Chamfer milling cutters

M4574 inch

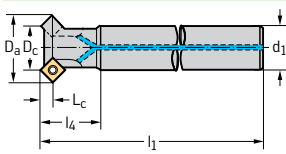


– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4574	●	●	●	●	●	●	●

## Tool



Designation	D <sub>c</sub> inch	D <sub>a</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> 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

D2

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### 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	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WKC10	WSM35G	WSM35S
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 = beschichtetes Hartmetall  
 DP = Polykristaliner Diamant  
 HW = unbeschichtetes Hartmetall

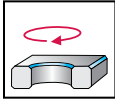
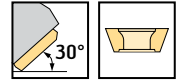
# Chamfer milling cutters

M4574 inch

SDM . 09T308



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4574	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> inch	D <sub>a</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> 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	0,972	2	SDM . 09T308
Cylindrical shank											

M4574...-30 with  $\kappa = 30^\circ$  | 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	SDM . 09T308
	Clamping screw for indexable insert		FS2266 (T10IP)
	Tightening torque		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			
				WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSM45X
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 = beschichtetes Hartmetall  
 HW = unbeschichtetes Hartmetall

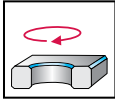
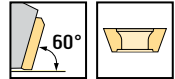
# Chamfer milling cutters

M4574 inch

SDM . 09T308



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4574	●	●	●	●	●	●	●

Tool	Designation	D <sub>c</sub> inch	D <sub>a</sub> inch	d <sub>1</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	L <sub>c</sub> 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	0,926	2	SDM . 09T308
Cylindrical shank											

M4574...-60 with  $\kappa = 60^\circ$  | 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	SDM . 09T308
	Clamping screw for indexable insert		FS2266 (T10IP)
	Tightening torque		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			
				WKP255	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSM45X
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	☺	☺	☺	☺														☺	

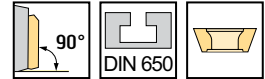
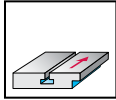
HC = beschichtetes Hartmetall  
 HW = unbeschichtetes Hartmetall

# T-slot milling cutters

M4575 mm

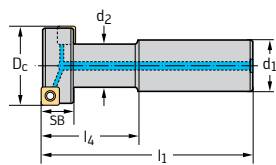


– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4575	●	●	●	●	●		

## Tool



Designation	D <sub>c</sub> mm	d <sub>1</sub> mm	d <sub>2</sub> mm	l <sub>4</sub> mm	l <sub>1</sub> mm	SB mm	Z	kg	No. of inserts	Version
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	0,42	2 / 2	SDM . 120408
M4575-050-W32-02-21	49,5	32	27	61	122	20,75	2	0,72	2 / 2	

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

	Version	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

	Version	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	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WKN15	WKC10	WSM35G	WSM35S	WSM45X
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 = beschichtetes Hartmetall  
 DP = Polykristaliner Diamant  
 HW = unbeschichtetes Hartmetall

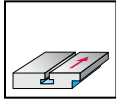
**WALTER SELECT** Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = ☺ → Moderate = ☺

# T-slot milling cutters

M4575 inch

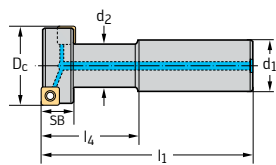


– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4575	●	●	●	●	●	●	●

## Tool



Designation	D <sub>c</sub> inch	d <sub>1</sub> inch	d <sub>2</sub> inch	l <sub>4</sub> inch	l <sub>1</sub> inch	SB inch	Z	lbs	No. of inserts	Version
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

**WALTER SELECT**

Stability of machine, workpiece and clamping arrangement → Very good = 😊 → Good = 😊 → Moderate = 😊

### Assembly parts

Version		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

Version		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

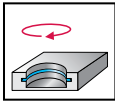
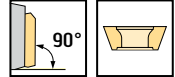
Designation	Tolerance class	Number of cutting edges	r inch	P				M				K					N			S		
				HC				HC				HC					DP	HC	HW	HC		
				WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WKC10	WSM35G	WSM35S
SDHT06T204-G88	H	4	0,016																			
SDMT06T204-D51	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 = beschichtetes Hartmetall  
 DP = Polykristaliner Diamant  
 HW = unbeschichtetes Hartmetall

# Circular slot milling cutters

**F2036** mm


– 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2036	●●		●●				

Tool		Designation	D <sub>c</sub> mm	d <sub>1</sub>	l <sub>4</sub> mm	l <sub>1</sub> mm	a <sub>e</sub> max mm	Z	SB <sub>H13</sub> mm	SB <sub>H13</sub> 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	32ZYL-18	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

D2



### Assembly parts

	D <sub>c</sub> [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

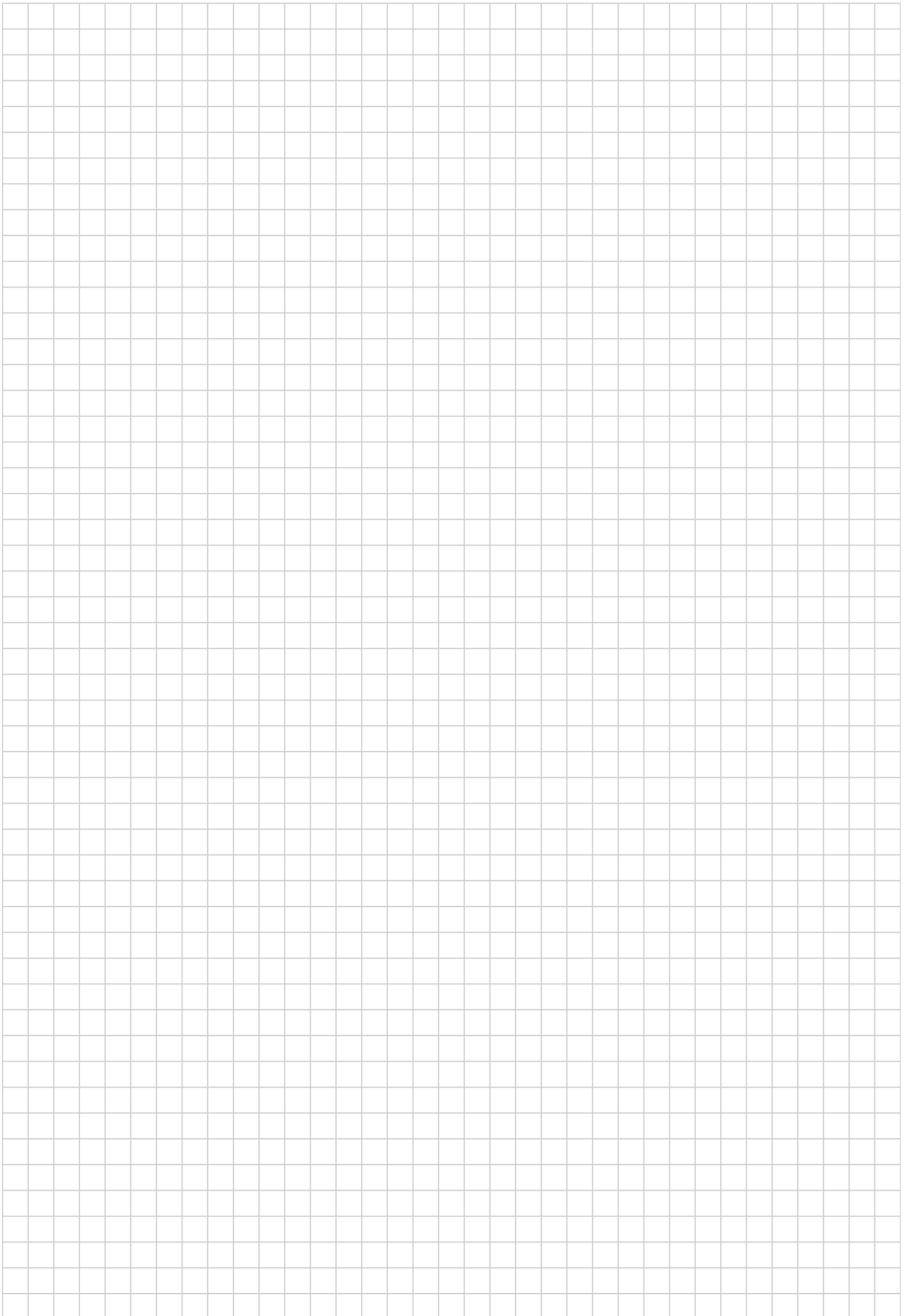
### Accessories

	D <sub>c</sub> [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)

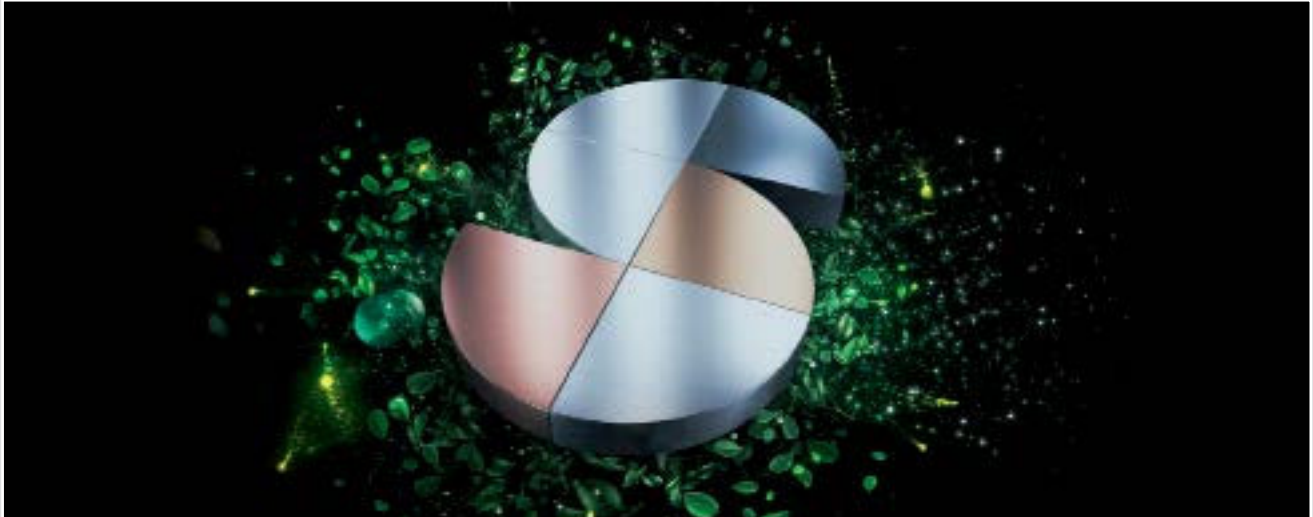
### Indexable inserts

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 = beschichtetes Hartmetall



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 CO<sub>2</sub> compensation of our energy use) are examples of this. Our social commitment shows that Walter has a broader definition of responsibility.

## Transparency throughout the entire process chain – for your peace of mind

The integrated management system at Walter includes the sustainable use of resources and production equipment as well as of people – our customers, partners and employees. So that you can count on all of our products meeting these requirements throughout the entire process chain, we apply our own benchmarks to our suppliers too.

## Certification

The integrated management system at Walter includes certification in accordance with:

- ISO 9001 (Quality management)
- ISO 14001 (Environmental management)
- ISO 45001 (Occupational health and safety management)
- ISO 50001 (Energy management)
- Certified according to Ecovadis Gold Standard and NQC rating

You can find more information on Walter certification here:



### Occupational health and safety

Walter protects its employees against health hazards. To prevent accidents, we continuously review our processes and take proactive measures as a precaution.



### Environmental and energy management

Environmental protection is an important company objective for Walter. We use energy efficiently and deploy practical methods to sustainably reduce the consumption of energy, water and resources.



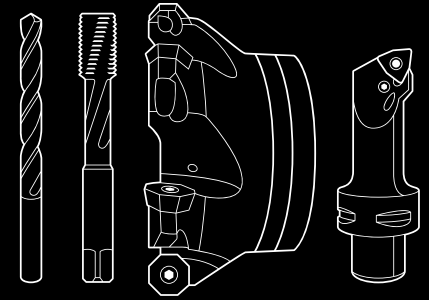
### Quality management

Walter is continuously improving its products and processes. We ensure our product quality using effective measures and procedures – and check it on a regular basis with our comprehensive quality management system.

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