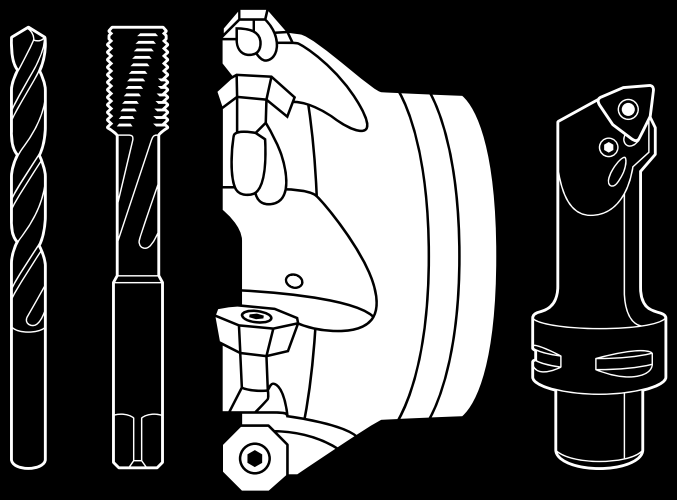
WALTER
Engineering Kompetenz

Solid carbide and PCD milling tools
Milling tools with indexable inserts

Catalog D – Milling
Edition 2022

_ METAL IS OUR WORLD

Tools for Milling



WALTER WALTER TITEX WALTER PROTOTYP

How to find and order your tool solution:

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

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

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

Walter online catalog



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

Walter GPS



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

Walter Innotime®



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

Digital ordering methods

TOOL:SHOP

EDI B2B

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

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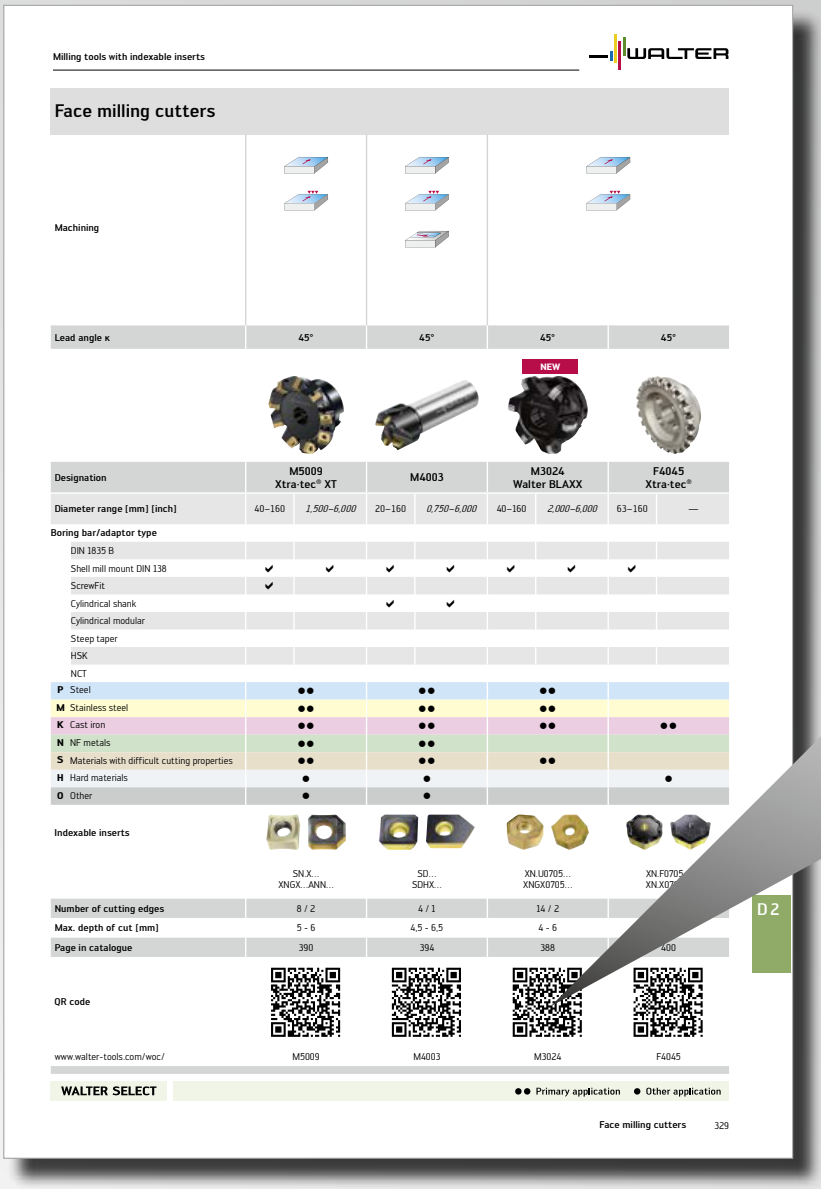
The structure of the new Walter General Catalog

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



Milling tools with indexable inserts

WALTER

Face milling cutters

Machining								
Lead angle κ	45°		45°		45°		45°	
					NEW			
Designation	M5009 Xtra·tec® XT		M4003		M3024 Walter BLAXX		F4045 Xtra·tec®	
Diameter range [mm] [inch]	40–160	*1.500–6.000*	20–160	*0.750–6.000*	40–160	*2.000–6.000*	63–160	—
Boring bar/adaptor type								
DIN 1835 B								
Shell mill mount DIN 138	✔	✔	✔	✔	✔	✔	✔	
ScrewFit	✔							
Cylindrical shank			✔	✔				
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●			
M Stainless steel	●●		●●		●●			
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●					
S Materials with difficult cutting properties	●●		●●		●●			
H Hard materials	●		●				●	
O Other	●		●					
Indexable inserts	SN.X... XNGX...ANN...		SD... SDHX...		XN.U0705... XNGX0705...		XN.F0705... XN.X07...	
Number of cutting edges	8 / 2		4 / 1		14 / 2			
Max. depth of cut [mm]	5 - 6		4,5 - 6,5		4 - 6			
Page in catalogue	390		394		388		400	
QR code								
www.walter-tools.com/woc/	M5009		M4003		M3024		F4045	

WALTER SELECT ●● Primary application ● Other application

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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

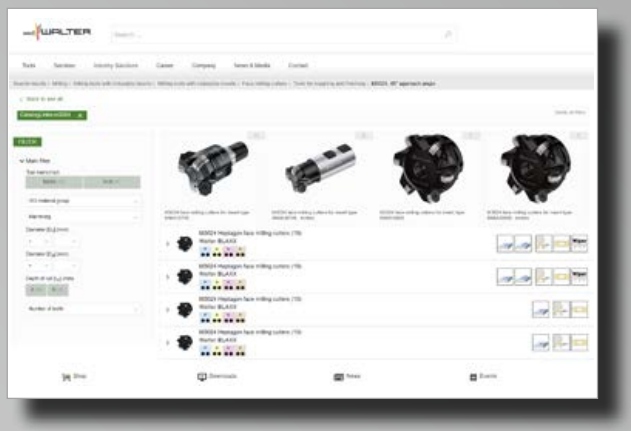
Tools with this icon are product innovations and are displayed in this way in the product range overviews.

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 catalog. The brief overview contains an image of the tool or product, icons representing applications and other information, and the main and secondary applications in the ISO materials sector.

M3024



Direct link

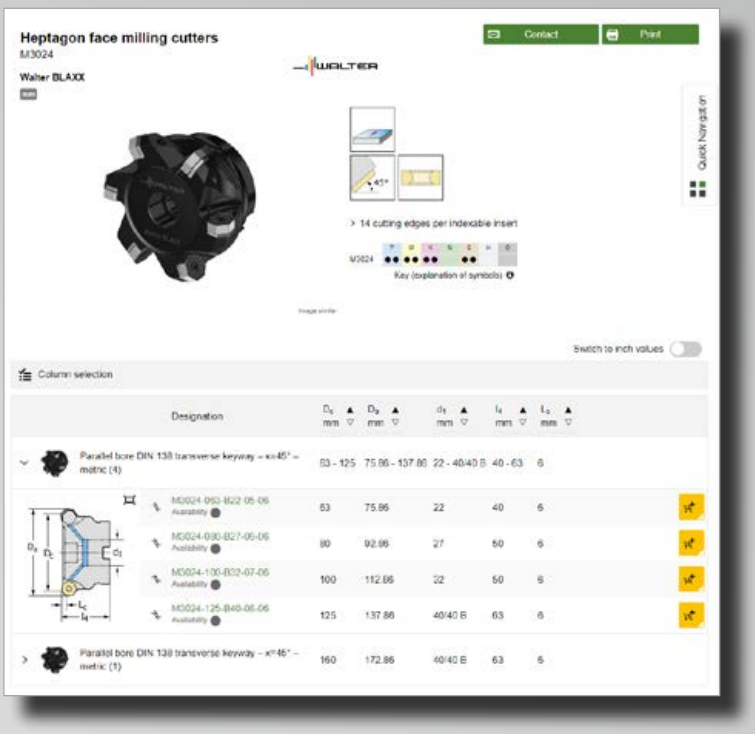
As well as scanning the QR code, you can also type the link directly into your browser:

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

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

Detailed overview of product data

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



Technologies at Walter.

Accure·tec

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

Tiger·tec® Gold

Tiger·tec® Gold is the new Walter generation platform for unique indexable insert coatings. It makes maximum tool life and process reliability possible. The CVD grade is produced using the innovative ultra low pressure method (ULP-CVD). The special titanium aluminum nitride layer makes them highly resistant to abrasion, hairline cracks, oxidation and plastic deformation. The heat-resistant, tough PVD grade with aluminum oxide multi-layer is suitable for difficult machining conditions.

Tiger·tec® Silver

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

Walter BLAXX

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

Walter Green

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

Walter Nexxt

Engineering Kompetenz and digital expertise go hand in hand at Walter. Together with our wholly owned software subsidiary Comara, we develop digital solutions that efficiently connect machines and tools, optimizing their performance on the basis of real-time data. Digital solutions on a level playing field with Industry 4.0 – Walter Nexxt.

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 inquiries are calculated and provided within 24 hours.

XD Technology

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

Xill·tec™

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

Xtra·tec®

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

Xtra·tec®XT

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

X·treme Evo

The X·treme Evo solid carbide drills from the DC160 Advance product range and DC260 Advance step drills embody "the next generation of drilling": Can be used universally for all ISO material groups, machine concepts and applications. With outstanding tool life, productivity and process reliability.

Walter Capto™ is a modular tool adaptor system. It is suitable for all turning, milling, drilling and threading processes. Its ISO-standardized 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-center, thereby guaranteeing maximum stability and concentrically.

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 characteristics 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 center 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, cooling the flank and rake faces at the same time. This system provides significantly increased tool life, improved chip breaking and chip removal, greater efficiency and higher quality.

"Flash" refers to specialized 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 center of the tool, which helps to stabilize 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 change 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.

Xill-tec®



www.solid-carbide-milling.walter

WALTER PROTOTYP

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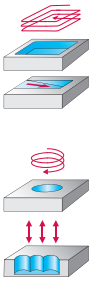
High-feed milling cutters



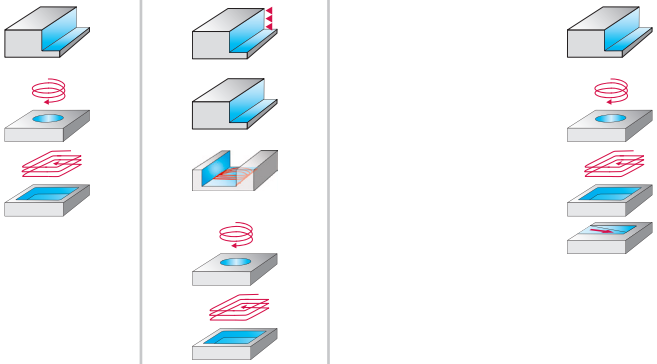


Designation	MC025 Advance	MD025 Supreme	MD025 Supreme	MC089 Advance
Diameter range	1–16	6–16	6–16	4–16
Number of teeth	2–4	5–6	5–6	4
Corner radius	0.1–2	0.5–2	0.5–2	0.5–2
Diameter range	0.125–0.625	0.250–0.625	0.250–0.625	—
Number of teeth	4	5–6	5–6	
Corner radius	0.020–0.080	0.020–0.080	0.020–0.080	
Standard	PWZ-NORM L STANDARD	PWZ-NORM L STANDARD	PWZ-NORM L STANDARD	DIN 6527 L
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel	●●	●●		
M Stainless steel	●		●●	
K Cast iron	●	●		
N NF metals			●	
S Materials with difficult cutting properties	●		●●	
H Hard materials				●●
O Other				
Page in catalog	D 27	D 25	D 25	D 24
QR code				
www.walter-tools.com/woc/	MC025	MD025	MD025	MC089

D1

WALTER SELECT ●● Primary application ● Other application

Shoulder milling cutters





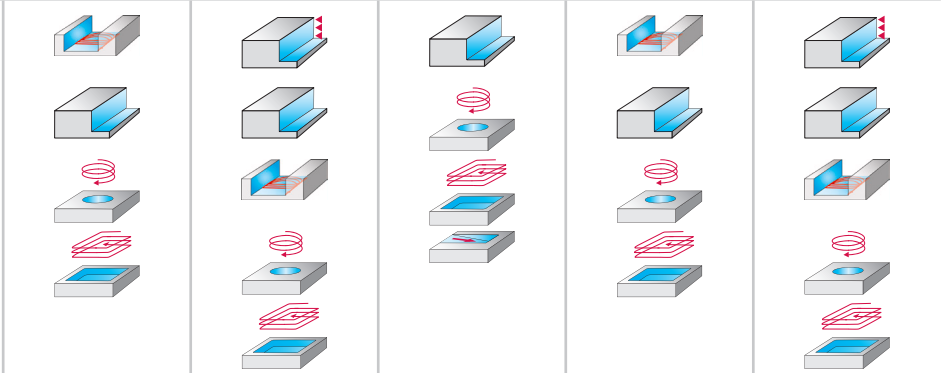
Designation	MC129 Advance	MC128 Advance	MC122 Advance	MC112 Advance	MC111 Advance
Diameter range	6–20	2–25	4–25	4–16	2–20
Number of teeth	6	4–8	4–8	4	4
Corner radius	—	0.5–4	—	0.5–2	—
Diameter range	—	0.250–0.750	—	—	0.094–0.750
Number of teeth		6–8			4
Corner radius		0.015–0.250			—
Standard	DIN 6527 L	DIN 6527 L STANDARD	DIN 6527 L PWZ-NORM L PWZ-NORM XL	PWZ-NORM XL PWZ-NORM L	DIN 6527 K STANDARD
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA DIN 6535 HB	DIN 6535 HA	DIN 6535 HA DIN 6535 HB
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●	●	●	●
N NF metals					●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Page in catalog	D 65	D 54	D 62	D 60	D 58
QR code					
www.walter-tools.com/woc/	MC129	MC128	MC122	MC112	MC111

D1

WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters



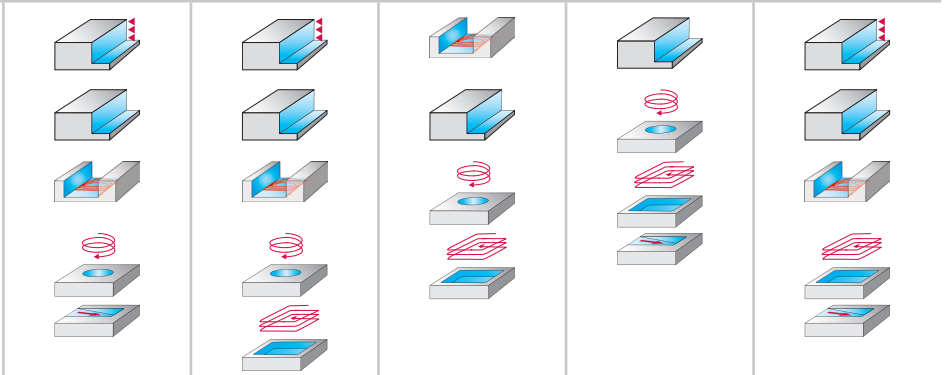


Designation	MD133 Supreme	MD128 Supreme	Protostar®	MD133 Supreme	MD128 Supreme
Diameter range	6–20	6–25	0.4–3	6–20	6–25
Number of teeth	5–6	6–8	2	5–6	6–8
Corner radius	0.3–1	0.5–4	0.05–0.3	0.3–1	0.5–4
Diameter range	0.250–0.750	—	—	0.250–0.750	—
Number of teeth	5–6			5–6	
Corner radius	0.015–0.030			0.015–0.030	
Standard	PWZ-NORM L PWZ-NORM XL	PWZ-NORM	PWZ-NORM MINI	PWZ-NORM L PWZ-NORM XL	PWZ-NORM
Shank	DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HB	DIN 6535 HA
P Steel	●●	●●	●●		
M Stainless steel				●●	●●
K Cast iron	●	●			
N NF metals			●	●	
S Materials with difficult cutting properties				●	●●
H Hard materials					
O Other					
Page in catalog	D 38	D 36	D 66	D 38	D 36
QR code					
www.walter-tools.com/woc/	MD133	MD128	protostar	MD133	MD128

D1

WALTER SELECT ●● Primary application ● Other application

Shoulder milling cutters



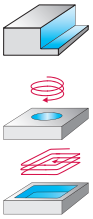


Designation	MC166 Advance	MD177 Supreme	MD173 Supreme	Protostar® Ti	MC187 Advance
Diameter range	12–20	6–25	—	16–25	3–25
Number of teeth	3	7		4–5	4–8
Corner radius	1–5	0.3–1.25		3–4	0.5–3
Diameter range	—	0.187–1.000	0.250–1.000	—	0.125–0.750
Number of teeth		7	7		4–8
Corner radius		0.015–0.120	0.015–0.120		0.015–0.060
Standard	PWZ-NORM L PWZ-NORM XL	DIN 6527 L 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
Shank	DIN 6535 HA	Cylindrical shank	Cylindrical shank	DIN 6535 HA	DIN 6535 HA
P Steel		●	●		
M Stainless steel		●	●		
K Cast iron					
N NF metals	●●				
S Materials with difficult cutting properties		●●	●●	●●	
H Hard materials					●●
O Other					
Page in catalog	D 34	D 48	D 44	D 53	D 30
QR code					
www.walter-tools.com/woc/	MC166	MD177	MD173	protostar-ti	MC187

WALTER SELECT ●● Primary application ● Other application

D1

Shoulder milling cutters





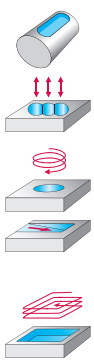
Designation	MC183 Advance
Diameter range	6–16
Number of teeth	6–16
Corner radius	—
Diameter range	—
Number of teeth	
Corner radius	
Standard	DIN 6527 L
Shank	DIN 6535 HB
P Steel	
M Stainless steel	
K Cast iron	
N NF metals	
S Materials with difficult cutting properties	
H Hard materials	●●
O Other	
Page in catalog	D 29
QR code	
www.walter-tools.com/woc/	MC183

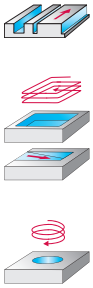
D1

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters















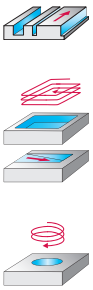
Designation	MC726 Supreme	MC716 Advance	MC326 Supreme	MC324 Advance	MC322 Advance
Diameter range	2.8–16	1.8–20	2–25	1–20	6–20
Number of teeth	3–4	2–3	3–5	3	4–5
Corner radius	0.08–0.25	—	0.2–4	1.5–2	—
Diameter range	—	—	0.125–0.750	—	—
Number of teeth			3–4		
Corner radius			0.015–0.160		
Standard	DIN 6527 K	DIN 6527 K	STUB STANDARD PWZ-NORM L DIN 6527 L LONG	DIN 6527 L	DIN 6527 K
Shank	DIN 6535 HA DIN 6535 HB	DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●	●	●	●
N NF metals					
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Page in catalog	D 134	D 156	D 132	D 144	D 143
QR code					
www.walter-tools.com/woc/	MC726	MC716	MC326	MC324	MC322

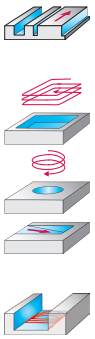
WALTER SELECT

●● Primary application ● Other application

D1

Shoulder/slot milling cutters















Designation	MC321 Advance	MC320 Advance	MC319 Advance	MC232 Perform	MC230 Advance Xill·tec™
Diameter range	2–12	4–25	5–25	2–20	2–25
Number of teeth	3–4	3–8	4	2–4	4
Corner radius	—	0.2–0.4	0.2–0.4	0.2–4	0.2–4
Diameter range	0.125–0.500	0.250–0.750	—	0.125–0.750	—
Number of teeth	4	4		2–4	
Corner radius	—	0.008–0.016		0.015–0.125	
Standard	DIN 6527 K PWZ-NORM S STUB	DIN 6527 K DIN 6527 L STANDARD	DIN 6527 L	DIN 6527 L STANDARD	DIN 6527 L
Shank	DIN 6535 HA	DIN 6535 HB	DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●	●	●	●
N NF metals				●	●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
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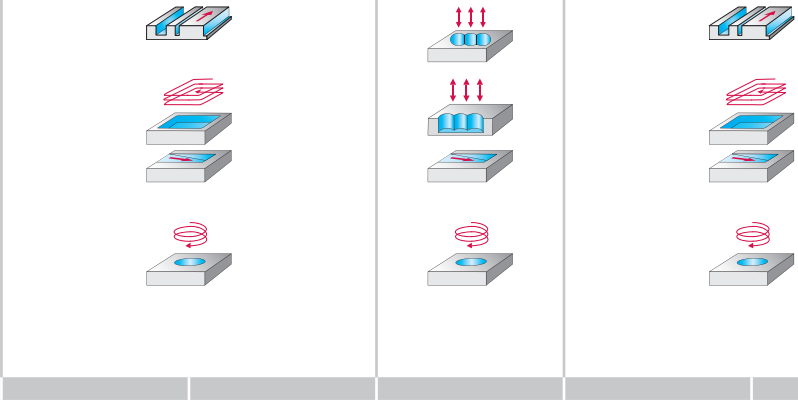
QR code					
www.walter-tools.com/woc/	MC321	MC320	MC319	MC232	MC230

D1

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters



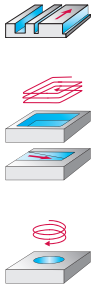
			NEW	NEW	
					
Designation	**MC216 Advance**	**MC213 Advance**	**MD344 Supreme**	**MD340 Supreme**	**MC341 Supreme**
Diameter range	1–20	0.6–14.5	6–20	2–25	6–20
Number of teeth	2–3	2–4	4	3–5	4
Corner radius	—	0.06–1.5	0.3–1	0.2–4	—
Diameter range	0.094	—	—	0.063–0.750	—
Number of teeth	2			3–5	
Corner radius	—			0.015–0.060	
Standard	DIN 6527 L STANDARD PWZ-NORM L	PWZ-NORM XL PWZ-NORM L	DIN 6527 L	P-NORM DIN 6527 L ANSI-STANDARD P-NORM L	PWZ-NORM
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●			●
K Cast iron	●	●	●	●	
N NF metals					
S Materials with difficult cutting properties	●	●			
H Hard materials					
O Other					
Page in catalog	D 148	D 152	D 68	D 69	D 67
QR code					
www.walter-tools.com/woc/	MC216	MC213	MD344	MD340	MC341

WALTER SELECT

●● Primary application ● Other application

D1

Shoulder/slot milling cutters



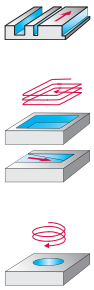
				NEW	NEW
					
Designation	**MC251 Advance**	**Proto·max™ Inox**	**MD266 Supreme**	**MD265 Supreme**	**MD265 Supreme**
Diameter range	3–20	6–20	2–25	16–25	16–25
Number of teeth	4	4	2–3	3	3
Corner radius	0.2–6	0.5–4	0.2–4	2–4	2–4
Diameter range	—	0.250–0.750	—	—	—
Number of teeth		4			
Corner radius		—			
Standard	DIN 6527 L	DIN 6527 L DIN 6527	DIN 6527 L P-NORM L P-NORM XL	DIN 6527 L P-NORM L P-NORM XL	DIN 6527 L
Shank	DIN 6535 HA	DIN 6535 HA DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel					
M Stainless steel	●●	●●			
K Cast iron					
N NF metals			●●	●●	●●
S Materials with difficult cutting properties	●	●			
H Hard materials					
O Other					
Page in catalog	D 83	D 80	D 85	D 93	D 93
QR code					
www.walter-tools.com/woc/	MC251	protomax-inox	MD266	MD265	MD265

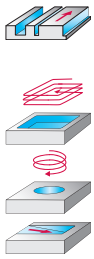
D1

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters





NEW











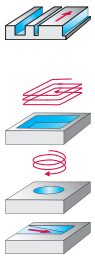
Designation	MC268 Advance	MC267 Advance	MC267 Advance	Protostar®	MD377 Supreme
Diameter range	6–25	1–20	1–20	2–20	6–25
Number of teeth	3–4	2–3	3	1–2	5
Corner radius	0.5–4	0.2–4	0.2–0.5	—	0.5–6.35
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard	P-NORM L DIN 6527 L	DIN 6527 L	DIN 6527 L	PWZ-NORM L DIN 6527 L	DIN 6527 L
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA DIN 6535 HB
P Steel					
M Stainless steel					●
K Cast iron					
N NF metals	●●	●●	●●	●●	
S Materials with difficult cutting properties					●●
H Hard materials					
O Other					
Page in catalog	D 95	D 89	D 92	D 101	D 102
QR code					
www.walter-tools.com/woc/	MC268	MC267	MC267	protostar	MD377

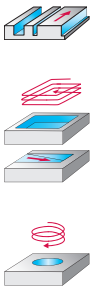
WALTER SELECT

●● Primary application ● Other application

D1

Shoulder/slot milling cutters















Designation	MC377 Advance	MC388 Advance	MC281 Advance	Protostar® Ultra	Protostar®
Diameter range	2–25	2–12	1–4	1–16	0.6–12
Number of teeth	3–4	3–4	2	2–4	2–4
Corner radius	0.2–4	0.5–3	0.2–0.5	0.1–2	0.05–1
Diameter range	—	0.125–0.500	—	—	—
Number of teeth		3–4			
Corner radius		0.015–0.030			
Standard	DIN 6527 L	DIN 6527 L PWZ-NORM L	PWZ-NORM MINI	PWZ-NORM L PWZ-NORM MINI	PWZ-NORM L PWZ-NORM XL PWZ-NORM MINI
Shank	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel	●	●			
M Stainless steel	●				
K Cast iron					
N NF metals					
S Materials with difficult cutting properties	●●				
H Hard materials		●●	●●	●●	
O Other					●●
Page in catalog	D 103	D 105	D 111	D 110	D 113
QR code					
www.walter-tools.com/woc/	MC377	MC388	MC281	protostar-ultra	protostar

WALTER SELECT

●● Primary application ● Other application

Copy milling cutters









Designation	MC416 Advance	MC413 Advance	Protostar®	Protostar®	MC482 Advance
Diameter range	1–20	1–16	0.3–3	2–16	1–16
Number of teeth	2–4	2–4	2	2	2–4
Corner radius	0.5–10	0.5–8	0.15–1.5	1–8	0.5–8
Diameter range	0.063–0.500	—	—	—	—
Number of teeth	4				
Corner radius	0.031–0.250				
Standard	PWZ-NORM L STANDARD DIN 6527 L	PWZ-NORM L PWZ-NORM XL	PWZ-NORM MINI	PWZ-NORM L	DIN 6527 K DIN 6527 L PWZ-NORM XL
Shank	DIN 6535 HA DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel	●●	●●	●●		
M Stainless steel	●	●			
K Cast iron	●	●			
N NF metals	●	●	●	●●	
S Materials with difficult cutting properties	●	●			
H Hard materials					●●
O Other					
Page in catalog	D 188	D 185	D 183	D 182	D 173
QR code					
www.walter-tools.com/woc/	MC416	MC413	protostar	protostar	MC482

WALTER SELECT

●● Primary application ● Other application

D1

Copy milling cutters









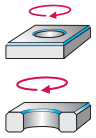


Designation	MC480 Advance	Proto·max™ Ultra	Protostar® Ultra	Protostar®
Diameter range	0.4–5	1–10	1–10	0.3–3
Number of teeth	2	2	2	2
Corner radius	0.2–2.5	0.5–5	0.5–5	0.15–1.5
Diameter range	—	—	—	—
Number of teeth				
Corner radius				
Standard	PWZ-NORM MINI	PWZ-NORM L PWZ-NORM MINI	DIN 6527 L PWZ-NORM L	PWZ-NORM MINI
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel				
M Stainless steel				
K Cast iron				
N NF metals				
S Materials with difficult cutting properties				
H Hard materials	●●	●●	●●	
O Other				●●
Page in catalog	D 172	D 178	D 180	D 184
QR code				
www.walter-tools.com/woc/	MC480	protomax-ultra	protostar-ultra	protostar

WALTER SELECT

●● Primary application ● Other application

Profiling cutters





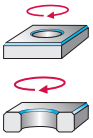
Designation	MC504 Advance	MC503 Advance	MC502 Advance	MC501 Advance	MC500 Advance
Diameter range	6–12	6–20	10	6–12	6–10
Number of teeth	4–6	3–4	4	4–6	4
Corner radius					
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard	PWZ-NORM L	DIN 6527 L	PWZ-NORM L	PWZ-NORM L	PWZ-NORM L
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA DIN 6535 HB	DIN 6535 HA DIN 6535 HB
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●	●	●
K Cast iron	●	●	●	●	●
N NF metals	●	●	●	●	●
S Materials with difficult cutting properties	●	●	●	●	●
H Hard materials					
O Other					
Page in catalog	D 194	D 195	D 193	D 192	D 191
QR code					
www.walter-tools.com/woc/	MC504	MC503	MC502	MC501	MC500

WALTER SELECT

●● Primary application ● Other application

D1

Profiling cutters





Designation	Protostar®
Diameter range	—
Number of teeth	
Corner radius	
Diameter range	0.250–0.500
Number of teeth	4–6
Corner radius	
Standard	STANDARD
Shank	Cylindrical shank
P Steel	●●
M Stainless steel	●
K Cast iron	●
N NF metals	●
S Materials with difficult cutting properties	●
H Hard materials	
O Other	
Page in catalog	D 196
QR code	
www.walter-tools.com/woc/	protostar

D1

WALTER SELECT

●● Primary application ● Other application

Circle segment milling cutters








Designation	MD839 Supreme	MD838 Supreme	MD839 Supreme	MD838 Supreme
Diameter range	6–16	6–16	6–16	6–16
Number of teeth	4	4–8	4	4–8
Corner radius	1–4	0.5–4	1–4	0.5–4
Diameter range	—	—	—	—
Number of teeth				
Corner radius				
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Shank	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
P Steel	●●	●●		
M Stainless steel			●●	●●
K Cast iron	●	●		
N NF metals			●	●
S Materials with difficult cutting properties			●●	●●
H Hard materials				
O Other				
Page in catalog	D 198	D 197	D 198	D 197
QR code				
www.walter-tools.com/woc/	MD839	MD838	MD839	MD838

WALTER SELECT

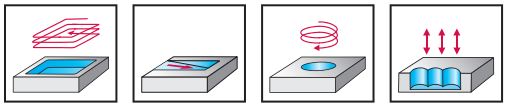
●● Primary application ● Other application

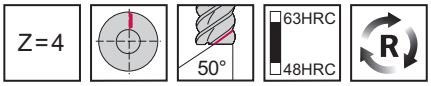
D1

Solid carbide high-feed milling cutter

MC089 Advance mm

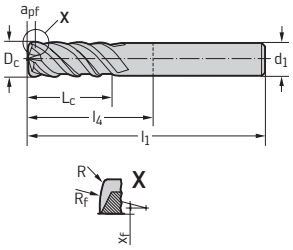






	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

Tool



DIN 6535 HA

Designation	D_c h9	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	Z	WB10TG
MC089-04.0A4B050-	4	0.12	0.6	4	0.618	0.5	11	57	21	6	4	☺
MC089-05.0A4B050-	5	0.15	0.7	6	0.656	0.5	13	57	21	6	4	☺
MC089-06.0A4B050-	6	0.2	0.7	9	0.693	0.5	15	57	21	6	4	☺
MC089-08.0A4B100-	8	0.25	0.78	12	1.226	1	20	63	27	8	4	☺
MC089-10.0A4B150-	10	0.3	0.8	15	1.773	1.5	26	72	32	10	4	☺
MC089-12.0A4B150-	12	0.4	1	18	1.875	1.5	30	83	38	12	4	☺
MC089-16.0A4B200-	16	0.5	1.5	24	2.465	2	36	92	44	16	4	☺

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

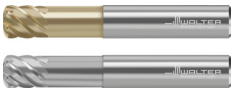
D1

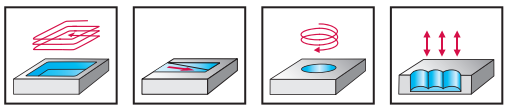
WALTER SELECT

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

Solid carbide high-feed milling cutter

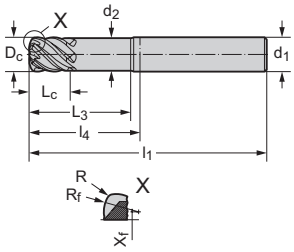
MD025 Supreme mm





	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●●		
WJ30RD (AlTiN+ZrN)	●●	●●	●	●	●●		

Tool



DIN 6535 HA

Designation	D_c h9	L_c mm	x_f mm	R_f mm	R_{ers} mm	R mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6	Z	WJ30RA	WJ30RD
MD025-06.0A5B050C-	6	6	1.4	3	0.755	0.5	19	57	21	6	5	☺	☺
MD025-08.0A5B100C-	8	8	1.54	4	1.379	1	25	63	27	8	5	☺	☺
MD025-10.0A5B150C-	10	10	1.7	5	1.998	1.5	30	72	32	10	5	☺	☺
MD025-12.0A6B150C-	12	12	2.25	6	2.103	1.5	36	83	38	12	6	☺	☺
MD025-16.0A6B200C-	16	16	3.1	8	2.747	2	42	92	44	16	6	☺	☺

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

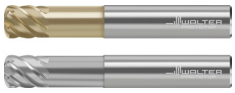
D1

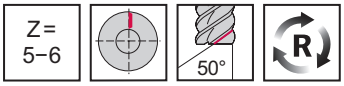
WALTER SELECT

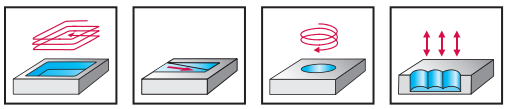
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide high-feed milling cutter

MD025 Supreme inch

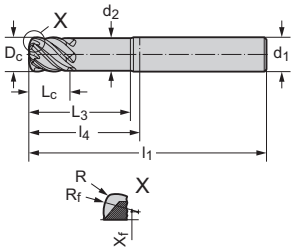






	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●●		
WJ30RD (AlTiN+ZrN)	●●	●●	●	●	●●		

Tool



Cylindrical shank

Designation	D_c h9	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	Z	WJ30RA	WJ30RD
MD025.6.35A5D051C-	0.250	0.250	0.051	0.146	0.032	0.020	1.000	2.500	1.083	0.250	5	☺	😐
MD025.7.94A5D102C-	0.313	0.313	0.059	0.165	0.054	0.040	1.250	3.000	1.437	0.375	5	☺	😐
MD025.9.53A5D152C-	0.375	0.375	0.067	0.181	0.076	0.060	1.250	3.000	1.437	0.375	5	☺	😐
MD025.12.7A6D152C-	0.500	0.500	0.098	0.236	0.086	0.060	1.500	3.500	1.717	0.500	6	☺	😐
MD025.15.9A6D203C-	0.625	0.625	0.118	0.315	0.110	0.080	1.500	3.500	1.594	0.625	6	☺	😐

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

D1

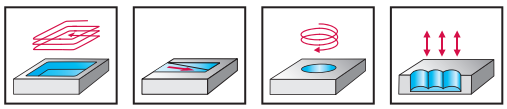
WALTER SELECT

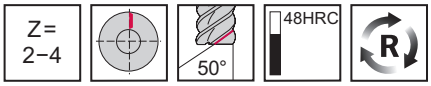
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide high-feed milling cutter

MC025 Advance mm

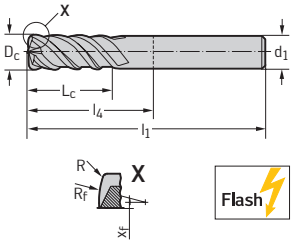






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



DIN 6535 HA

Designation	D_c h9	x_f mm	R_f mm	R_{ers} mm	R mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6	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

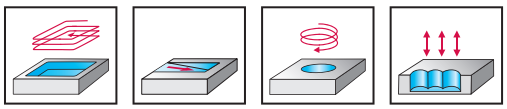
●● Primary application ● Other application

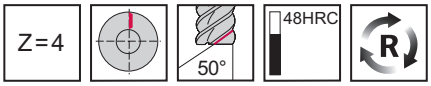
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide high-feed milling cutter

MC025 Advance inch

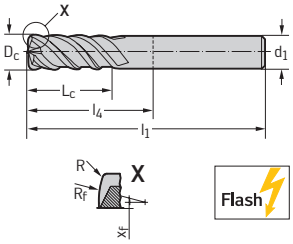






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



Cylindrical shank

Designation	D_c h9 inch	x_f inch	R_f inch	R_{ers} inch	R inch	l_3 inch	l_1 inch	l_4 inch	d_1 h6 inch	Z	WJ30TF
MC025.3.18A4D051-	0.125	0.030	0.046	0.023	0.020	0.500	2.500	1.083	0.250	4	☹
MC025.4.76A4D051-	0.188	0.039	0.098	0.028	0.020	0.625	2.500	1.083	0.250	4	☹
MC025.6.35A4D051-	0.250	0.051	0.146	0.032	0.020	0.750	2.500	1.083	0.250	4	☹
MC025.7.94A4D102-	0.313	0.059	0.165	0.054	0.040	0.813	3.000	1.437	0.375	4	☹
MC025.9.53A4D152-	0.375	0.070	0.181	0.075	0.060	0.875	3.000	1.437	0.375	4	☹
MC025.12.7A4D152-	0.500	0.098	0.236	0.086	0.060	1.000	3.500	1.717	0.500	4	☹
MC025.15.9A4D203-	0.625	0.118	0.315	0.110	0.080	1.250	3.500	1.594	0.625	4	☹

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

D1

WALTER SELECT

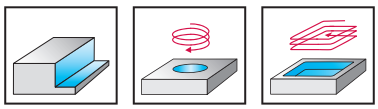
●● Primary application ● Other application

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

Solid carbide shoulder milling cutters

MC183 Advance mm

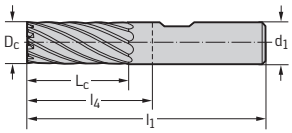






	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

DIN 6527 L



DIN 6535 HB

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 h6	Z	WB10TG
MC183-06.0W6B-	6	13	57	21	6	6	☺
MC183-08.0W8B-	8	19	63	27	8	8	☺
MC183-10.0W10B-	10	22	72	32	10	10	☺
MC183-12.0W12B-	12	26	83	38	12	12	☺
MC183-16.0W16B-	16	32	92	44	16	16	☺

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

D1

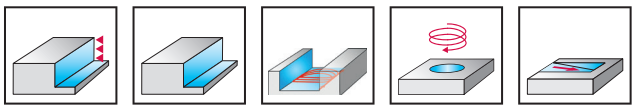
WALTER SELECT

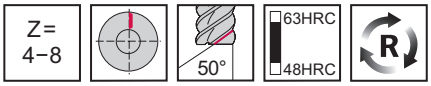
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MC187 Advance mm

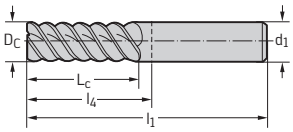






	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

DIN 6527 L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 h6	Z	WB10TG
MC187-03.0A4B-	3	8	57	21	6	4	☺
MC187-04.0A4B-	4	11	57	21	6	4	☺
MC187-05.0A4B-	5	13	57	21	6	4	☺
MC187-06.0A6B-	6	13	57	21	6	6	☺
MC187-08.0A6B-	8	19	63	27	8	6	☺
MC187-10.0A6B-	10	22	72	32	10	6	☺
MC187-12.0A6B-	12	26	83	38	12	6	☺
MC187-16.0A6B-	16	32	92	44	16	6	☺
MC187-20.0A8B-	20	38	104	54	20	8	☺
MC187-25.0A8B-	25	45	121	65	25	8	☺

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

D1

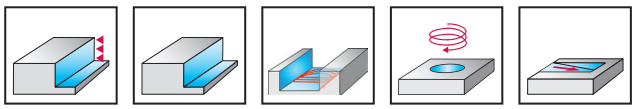
WALTER SELECT

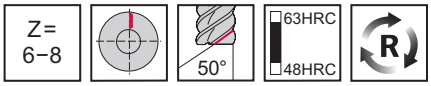
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MC187 Advance mm

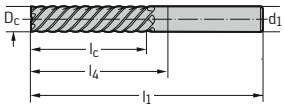






	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

PWZ-NORM L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 h6	Z	WB10TG
MC187-06.0A6L-	6	26	75	34	6	6	☺
MC187-08.0A6L-	8	36	80	44	8	6	☺
MC187-10.0A6L-	10	46	100	60	10	6	☺
MC187-12.0A6L-	12	55	110	65	12	6	☺
MC187-16.0A6L-	16	66	130	82	16	6	☺
MC187-20.0A8L-	20	80	145	95	20	8	☺
MC187-25.0A8L-	25	90	153	97	25	8	☺

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

D1

WALTER SELECT

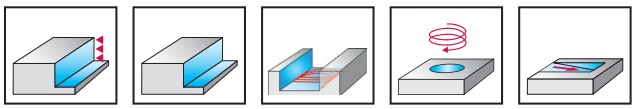
●● Primary application ● Other application

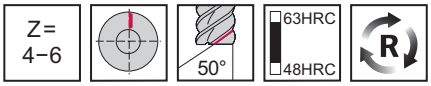
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MC187 Advance mm

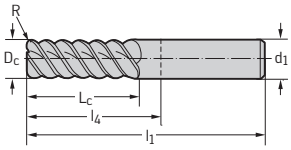






	P	M	K	N	S	H	O
WB10TG (TiALSiN)						●●	

DIN 6527 L



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6	Z	WB10TG
MC187-03.0A4B050-	3	0.5	8	57	21	6	4	☻
MC187-04.0A4B050-	4	0.5	11	57	21	6	4	☻
MC187-04.0A4B100-	4	1	11	57	21	6	4	☻
MC187-05.0A6B050-	5	0.5	13	57	21	6	6	☻
MC187-05.0A6B100-	5	1	13	57	21	6	6	☻
MC187-06.0A6B050-	6	0.5	13	57	21	6	6	☻
MC187-06.0A6B100-	6	1	13	57	21	6	6	☻
MC187-08.0A6B050-	8	0.5	19	63	27	8	6	☻
MC187-08.0A6B100-	8	1	19	63	27	8	6	☻
MC187-08.0A6B200-	8	2	19	63	27	8	6	☻
MC187-10.0A6B050-	10	0.5	22	72	32	10	6	☻
MC187-10.0A6B100-	10	1	22	72	32	10	6	☻
MC187-10.0A6B200-	10	2	22	72	32	10	6	☻
MC187-12.0A6B050-	12	0.5	26	83	38	12	6	☻
MC187-12.0A6B100-	12	1	26	83	38	12	6	☻
MC187-12.0A6B200-	12	2	26	83	38	12	6	☻
MC187-12.0A6B300-	12	3	26	83	38	12	6	☻

Shoulder milling $a_e \leq 0.1 \times D_c$
Ordering example for the grade WB10TG: MC187-03.0A4B050-WB10TG

D1

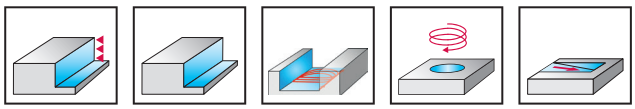
WALTER SELECT

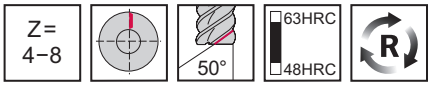
●● Primary application ● Other application
Best tool for ➔ Good = ☻ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MC187 Advance inch

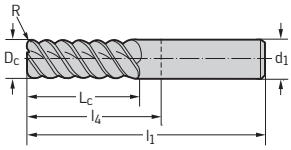






	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

STANDARD



Cylindrical shank

Designation	D_c h9	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h5	Z	WB10TG
MC187.3.18A4D038-	0.125	0.015	0.500	2.500	1.083	0.250	4	☺
MC187.4.76A4D038-	0.187	0.015	0.625	2.500	1.083	0.250	4	☺
MC187.6.35A6D038-	0.250	0.015	0.750	3.000	1.583	0.250	6	☺
MC187.7.94A6D051-	0.312	0.020	0.812	3.000	1.437	0.375	6	☺
MC187.9.53A6D076-	0.375	0.030	0.875	3.000	1.437	0.375	6	☺
MC187.12.7A6D076-	0.500	0.030	1.000	4.500	2.717	0.500	6	☺
MC187.15.9A6D152-	0.625	0.060	1.250	5.000	3.094	0.625	6	☺
MC187.19.1A8D152-	0.750	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

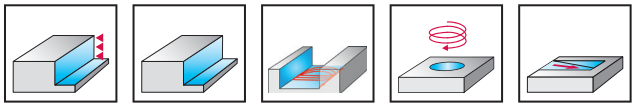
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

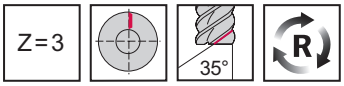
Solid carbide shoulder milling cutters

MC166 Advance mm



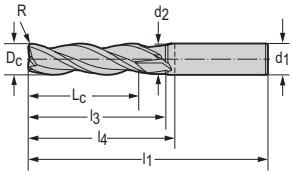
– Long reach





	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

PWZ-NORM L



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6	Z	WJ30UU
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

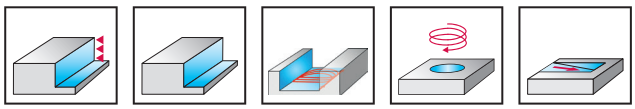
WALTER SELECT

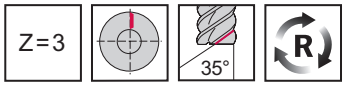
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MC166 Advance mm

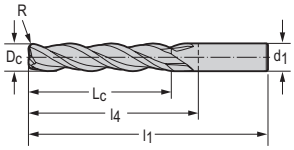






	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

PWZ-NORM XL



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6	Z	WJ30UU
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

D1

WALTER SELECT

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

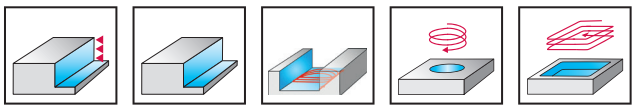
Solid carbide shoulder milling cutters

MD128 Supreme mm



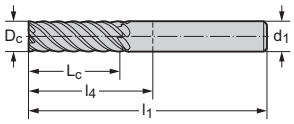
Z= 6–8 | 50° | R

– Type N 50



	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●			●●		
WJ30RD (AlTiN+ZrN)	●●	●●	●		●●		

PWZ-NORM



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 h6	Z	WJ30RA	WJ30RD
MD128-06.0A6LJ-	6	18	65	29	6	6	☺	😐
MD128-08.0A6LJ-	8	24	68	32	8	6	☺	😐
MD128-10.0A6LJ-	10	30	80	40	10	6	☺	😐
MD128-12.0A6LJ-	12	36	93	48	12	6	☺	😐
MD128-16.0A6LJ-	16	48	115	67	16	6	☺	😐
MD128-20.0A8LJ-	20	60	125	75	20	8	☺	😐
MD128-25.0A8LJ-	25	75	150	94	25	8	☺	😐

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

D1

WALTER SELECT

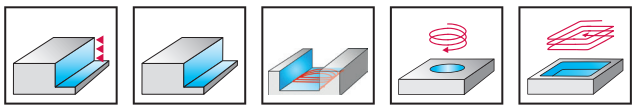
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

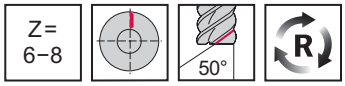
Solid carbide shoulder milling cutters

MD128 Supreme mm



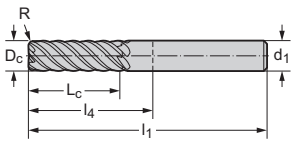
– Type N 50





	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●			●●		
WJ30RD (AlTiN+ZrN)	●●	●●	●		●●		

PWZ-NORM



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6	Z	WJ30RA	WJ30RD
MD128-06.0A6L050J-	6	0.5	18	65	29	6	6	☺	☺
MD128-08.0A6L050J-	8	0.5	24	68	32	8	6	☺	☺
MD128-10.0A6L050J-	10	0.5	30	80	40	10	6	☺	☺
MD128-10.0A6L100J-	10	1	30	80	40	10	6	☺	☺
MD128-12.0A6L050J-	12	0.5	36	93	48	12	6	☺	☺
MD128-12.0A6L100J-	12	1	36	93	48	12	6	☺	☺
MD128-12.0A6L200J-	12	2	36	93	48	12	6	☺	☺
MD128-16.0A6L050J-	16	0.5	48	115	67	16	6	☺	☺
MD128-16.0A6L100J-	16	1	48	115	67	16	6	☺	☺
MD128-16.0A6L200J-	16	2	48	115	67	16	6	☺	☺
MD128-20.0A8L100J-	20	1	60	125	75	20	8	☺	☺
MD128-20.0A8L400J-	20	4	60	125	75	20	8	☺	☺
MD128-25.0A8L100J-	25	1	75	150	94	25	8	☺	☺
MD128-25.0A8L400J-	25	4	75	150	94	25	8	☺	☺

Shoulder milling $a_e \leq 0{,}05 \times D_c$ for ISO-P
Shoulder milling $a_e \leq 0{,}03 \times D_c$ for ISO-M and ISO-S
Ordering example for the grade WJ30RA: MD128-06.0A6L050J-WJ30RA

D1

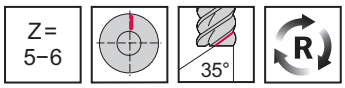
WALTER SELECT

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

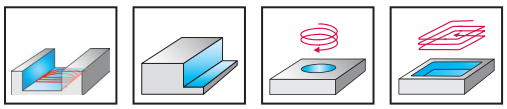
Solid carbide shoulder milling cutters

MD133 Supreme mm



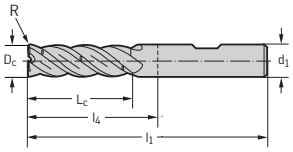


– Chip breaker



	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●		
WJ30RD (AlTiN+ZrN)	●●	●●	●	●	●		

PWZ-NORM L



DIN 6535 HB

Designation	D_c h10	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6	Z	WJ30RA	WJ30RD
MD133-06.0W5L030J-	6	0.3	19	65	29	6	5	☺	😐
MD133-08.0W5L040J-	8	0.4	25	68	32	8	5	☺	😐
MD133-10.0W5L050J-	10	0.5	32	80	40	10	5	☺	😐
MD133-12.0W5L060J-	12	0.6	38	93	48	12	5	☺	😐
MD133-16.0W6L080J-	16	0.8	50	115	62	16	6	☺	😐
MD133-20.0W6L100J-	20	1	63	125	75	20	6	☺	😐

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

D1

WALTER SELECT

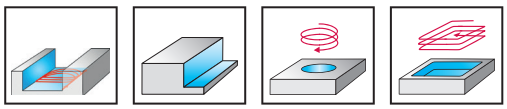
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = 😠 machining conditions

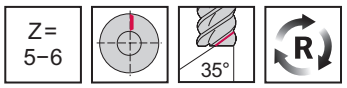
Solid carbide shoulder milling cutters

MD133 Supreme mm



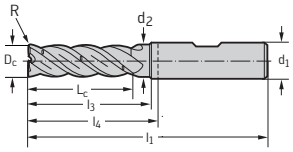
– Chip breaker
– Long reach





	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●		
WJ30RD (AlTiN+ZrN)	●●	●●	●	●	●		

PWZ-NORM L



DIN 6535 HB

Designation	D_c h10	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6	Z	WJ30RA	WJ30RD
MD133-06.0W5L030D-	6	0.3	19	27	5.5	65	29	6	5	☺	☺
MD133-08.0W5L040D-	8	0.4	25	30	7.5	68	32	8	5	☺	☺
MD133-10.0W5L050D-	10	0.5	32	38	9.5	80	40	10	5	☺	☺
MD133-12.0W5L060D-	12	0.6	38	46	11.4	93	48	12	5	☺	☺
MD133-16.0W6L080D-	16	0.8	50	60	15.2	115	62	16	6	☺	☺
MD133-20.0W6L100D-	20	1	63	73	19	125	75	20	6	☺	☺

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

D1

WALTER SELECT

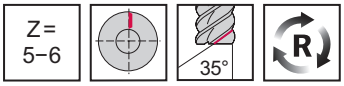
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

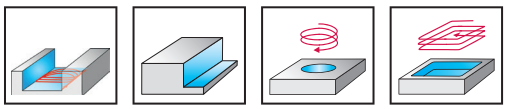
Solid carbide shoulder milling cutters

MD133 Supreme inch



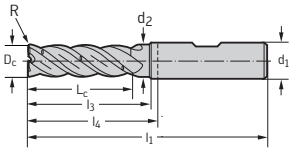
– Chip breaker
– Long reach





	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●		
WJ30RD (AlTiN+ZrN)	●●	●●	●	●	●		

PWZ-NORM L



DIN 6535 HB

Designation	D_c h10	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 h6	Z	WJ30RA	WJ30RD
MD133.6.35W5L038D-	0.250	0.015	0.875	1.000	0.237	2.500	1.437	0.375	5	☺	☺
MD133.9.53W5L038D-	0.375	0.015	1.250	1.500	0.356	3.250	1.687	0.375	5	☺	☺
MD133.12.7W5L076D-	0.500	0.030	1.750	2.125	0.475	4.000	2.217	0.500	5	☺	☺
MD133.15.9W6L076D-	0.625	0.030	2.000	2.500	0.594	4.500	2.594	0.625	6	☺	☺
MD133.19.1W6L076D-	0.750	0.030	2.500	3.000	0.713	5.500	3.468	0.750	6	☺	☺

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

D1

WALTER SELECT

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

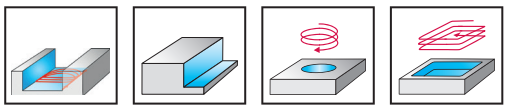
Solid carbide shoulder milling cutters

MD133 Supreme mm



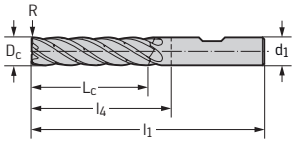
Z= 5–6 | 35° | R

– Chip breaker



	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●		
WJ30RD (AlTiN+ZrN)	●●	●●	●	●	●		

PWZ-NORM L



DIN 6535 HB

Designation	D_c h10	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6	Z	WJ30RA	WJ30RD
MD133-06.0W5L030K-	6	0.3	25	65	29	6	5	☺	☺
MD133-08.0W5L040K-	8	0.4	34	80	44	8	5	☺	☺
MD133-10.0W5L050K-	10	0.5	42	90	50	10	5	☺	☺
MD133-12.0W5L060K-	12	0.6	50	100	55	12	5	☺	☺
MD133-16.0W6L080K-	16	0.8	66	125	77	16	6	☺	☺
MD133-20.0W6L100K-	20	1	83	145	95	20	6	☺	☺

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

D1

WALTER SELECT

●● Primary application ● Other application

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

Solid carbide shoulder milling cutters

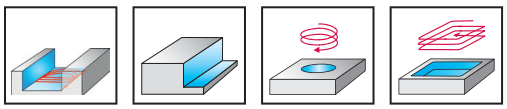
MD133 Supreme mm



Z= 5–6

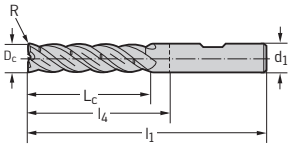
35°

– Chip breaker



	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●		
WJ30RD (AlTiN+ZrN)	●●	●●	●	●	●		

PWZ-NORM XL



DIN 6535 HB

Designation	D_c h10	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6	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

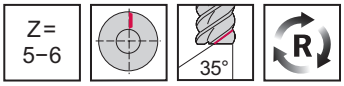
●● Primary application ● Other application

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

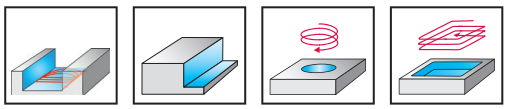
Solid carbide shoulder milling cutters

MD133 Supreme inch



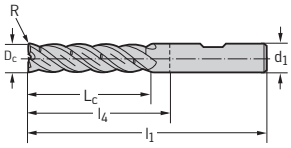


– Chip breaker



	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●		
WJ30RD (AlTiN+ZrN)	●●	●●	●	●	●		

PWZ-NORM XL



DIN 6535 HB

Designation	D_c h10	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h6	Z	WJ30RA	WJ30RD
MD133.6.35W5X038L-	0.250	0.015	1.375	3.000	1.937	0.375	5	☺	☺
MD133.9.53W5X038L-	0.375	0.015	2.000	4.000	2.437	0.375	5	☺	☺
MD133.12.7W5X076L-	0.500	0.030	2.750	5.000	3.217	0.500	5	☺	☺
MD133.15.9W6X076L-	0.625	0.030	3.250	5.500	3.594	0.625	6	☺	☺
MD133.19.1W6X076L-	0.750	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

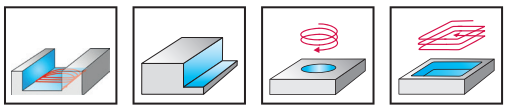
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

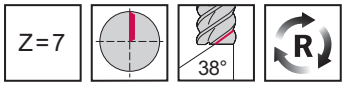
Solid carbide shoulder milling cutters

MD173 Supreme inch



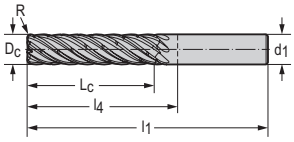
– Chip breaker





	P	M	K	N	S	H	O
WJ30ED (nACRoA)	●	●			●●		

STANDARD



Cylindrical shank

Designation	D_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30EN
MD173.6.35A7X038L-	0.250	0.015	1.250	3.000	1.583	0.250	7	😀
MD173.9.53A7L038J-	0.375	0.015	1.250	3.000	1.437	0.375	7	😀
MD173.9.53A7L076J-	0.375	0.030	1.250	3.000	1.437	0.375	7	😀
MD173.9.53A7L152J-	0.375	0.060	1.250	3.000	1.437	0.375	7	😀
MD173.12.7A7D038I-	0.500	0.015	1.250	3.000	1.250	0.500	7	😀
MD173.12.7A7D076I-	0.500	0.030	1.250	3.000	1.250	0.500	7	😀
MD173.12.7A7D152I-	0.500	0.060	1.250	3.000	1.250	0.500	7	😀
MD173.12.7A7L076K-	0.500	0.030	2.125	4.000	2.217	0.500	7	😀
MD173.12.7A7L152K-	0.500	0.060	2.125	4.000	2.217	0.500	7	😀
MD173.15.9A7D038I-	0.625	0.015	1.625	3.500	1.625	0.625	7	😀
MD173.15.9A7D076I-	0.625	0.030	1.625	3.500	1.625	0.625	7	😀
MD173.15.9A7L038J-	0.625	0.015	2.125	4.000	2.125	0.625	7	😀
MD173.15.9A7L076J-	0.625	0.030	2.125	4.000	2.125	0.625	7	😀
MD173.15.9A7L152J-	0.625	0.060	2.125	4.000	2.125	0.625	7	😀
MD173.19.1A7D076-	0.750	0.030	1.625	4.000	1.969	0.750	7	😀
MD173.19.1A7D152-	0.750	0.060	1.625	4.000	1.969	0.750	7	😀
MD173.19.1A7D305-	0.750	0.120	1.625	4.000	1.969	0.750	7	😀
MD173.19.1A7L076J-	0.750	0.030	2.250	5.000	2.968	0.750	7	😀
MD173.19.1A7L152J-	0.750	0.060	2.250	5.000	2.968	0.750	7	😀
MD173.19.1A7L305J-	0.750	0.120	2.250	5.000	2.968	0.750	7	😀
MD173.19.1A7X076K-	0.750	0.030	3.250	6.000	3.968	0.750	7	😀
MD173.19.1A7X152K-	0.750	0.060	3.250	6.000	3.968	0.750	7	😀
MD173.19.1A7X305K-	0.750	0.120	3.250	6.000	3.968	0.750	7	😀
MD173.25.4A7D038I-	1.000	0.015	2.625	5.000	2.717	1.000	7	😀
MD173.25.4A7D152I-	1.000	0.060	2.625	5.000	2.717	1.000	7	😀
MD173.25.4A7D305I-	1.000	0.120	2.625	5.000	2.717	1.000	7	😀

Shoulder milling $a_e \leq 0{,}10 \times D_c$ for ISO-P
Ordering example for the grade WJ30EN: MD173.12.7A7D038I-WJ30EN

D1

WALTER SELECT

●● Primary application ● Other application

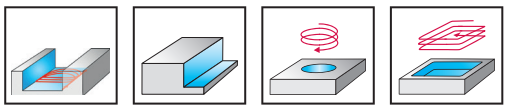
Best tool for → Good = 😀 → Average = 😐 → Poor = 😠 machining conditions

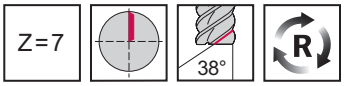
Solid carbide shoulder milling cutters

MD173 Supreme inch



– Chip breaker

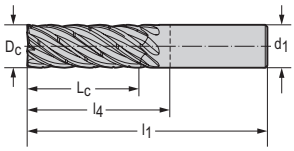




	P	M	K	N	S	H	O
WJ30ED (nACRoA)	●	●			●●		

STANDARD

Designation	D_c inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30EN
MD173.15.9A7DI-	0.625	1.625	3.500	1.625	0.625	7	
MD173.15.9A7LJ-	0.625	2.125	4.000	2.125	0.625	7	
MD173.19.1A7XK-	0.750	3.250	6.000	3.968	0.750	7	
MD173.25.4A7LJ-	1.000	3.250	6.000	3.717	1.000	7	



Cylindrical shank

Shoulder milling $a_e \leq 0{,}10 \times D_c$ for ISO-P
Ordering example for the grade WJ30EN: MD173.15.9A7DI-WJ30EN

D1

WALTER SELECT

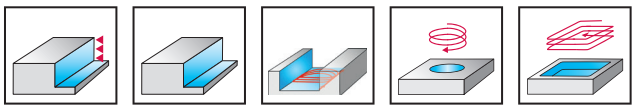
●● Primary application ● Other application

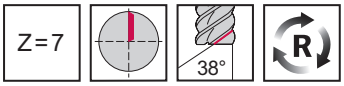
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MD177 Supreme mm

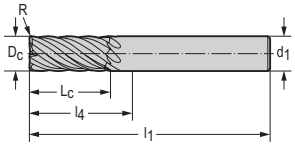






	P	M	K	N	S	H	O
WJ30ED (nACRoA)	●	●			●●		

DIN 6527 L



Cylindrical shank

Designation	D_c mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30EN
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
Ordering example for the grade WJ30EN: MD177-06.0A7B030-WJ30EN

D1

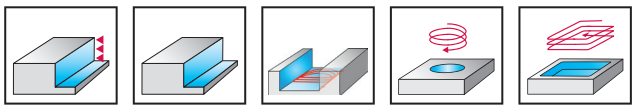
WALTER SELECT

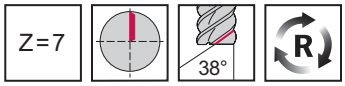
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MD177 Supreme mm

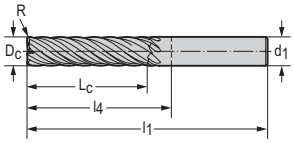






	P	M	K	N	S	H	O
WJ30ED (nACRoA)	●	●			●●		

PWZ-NORM L



Cylindrical shank

Designation	D_c mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30EN
MD177-06.0A7L030K-	6	0.3	25	65	29	6	7	☺
MD177-08.0A7L040K-	8	0.4	34	80	44	8	7	☺
MD177-10.0A7L050K-	10	0.5	42	90	50	10	7	☺
MD177-12.0A7L060K-	12	0.6	50	100	55	12	7	☺
MD177-16.0A7L080K-	16	0.8	66	125	77	16	7	☺
MD177-20.0A7L100K-	20	1	83	145	95	20	7	☺
MD177-25.0A7L125K-	25	1.25	100	163	107	25	7	☺

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

D1

WALTER SELECT

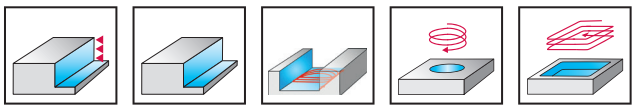
●● Primary application ● Other application

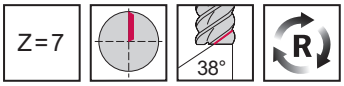
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MD177 Supreme mm

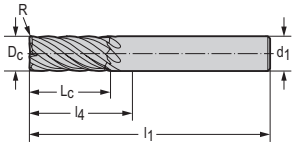






	P	M	K	N	S	H	O
WJ30ED (nACRoA)	●	●			●●		

DIN 6527 L



Cylindrical shank

Designation	D_c mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30EN
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
Ordering example for the grade WJ30EN: MD177-06.0A7B030-WJ30EN

D1

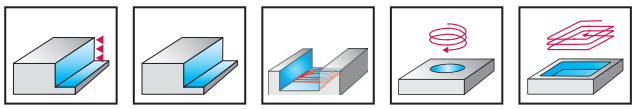
WALTER SELECT

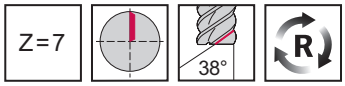
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MD177 Supreme inch

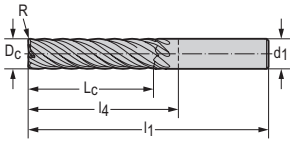






	P	M	K	N	S	H	O
WJ30ED (nACRoA)	●	●			●●		

STANDARD



Cylindrical shank

Designation	D_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30EN
MD177.4.76A7L038K-	0.187	0.015	0.750	2.500	1.083	0.187	7	☺
MD177.6.35A7D038-	0.250	0.015	0.500	2.500	1.083	0.250	7	☺
MD177.6.35A7D076-	0.250	0.030	0.500	2.500	1.083	0.250	7	☺
MD177.6.35A7D076J-	0.250	0.030	0.750	2.500	1.083	0.250	7	☺
MD177.6.35A7X038L-	0.250	0.015	1.250	3.000	1.583	0.250	7	☺
MD177.6.35A7X076L-	0.250	0.030	1.250	3.000	1.583	0.250	7	☺
MD177.9.53A7S038-	0.375	0.015	0.500	2.000	0.500	0.375	7	☺
MD177.9.53A7S076-	0.375	0.030	0.500	2.000	0.500	0.375	7	☺
MD177.9.53A7S152-	0.375	0.060	0.500	2.000	0.500	0.375	7	☺
MD177.9.53A7D038-	0.375	0.015	1.000	2.500	1.000	0.375	7	☺
MD177.9.53A7D076-	0.375	0.030	1.000	2.500	1.000	0.375	7	☺
MD177.9.53A7D152-	0.375	0.060	1.000	2.500	1.000	0.375	7	☺
MD177.9.53A7L038J-	0.375	0.015	1.250	3.000	1.437	0.375	7	☺
MD177.9.53A7L076J-	0.375	0.030	1.250	3.000	1.437	0.375	7	☺
MD177.9.53A7L152J-	0.375	0.060	1.250	3.000	1.437	0.375	7	☺
MD177.12.7A7S038-	0.500	0.015	0.625	2.500	0.717	0.500	7	☺
MD177.12.7A7S076-	0.500	0.030	0.625	2.500	0.717	0.500	7	☺
MD177.12.7A7S152-	0.500	0.060	0.625	2.500	0.717	0.500	7	☺
MD177.12.7A7D038-	0.500	0.015	1.000	3.000	1.217	0.500	7	☺
MD177.12.7A7D076-	0.500	0.030	1.000	3.000	1.217	0.500	7	☺
MD177.12.7A7D152-	0.500	0.060	1.000	3.000	1.217	0.500	7	☺
MD177.12.7A7DI038-	0.500	0.015	1.250	3.000	1.250	0.500	7	☺
MD177.12.7A7D076I-	0.500	0.030	1.250	3.000	1.250	0.500	7	☺
MD177.12.7A7D152I-	0.500	0.060	1.250	3.000	1.250	0.500	7	☺
MD177.12.7A7L038K-	0.500	0.015	2.125	4.000	2.217	0.500	7	☺
MD177.12.7A7L076K-	0.500	0.030	2.125	4.000	2.217	0.500	7	☺
MD177.12.7A7L152K-	0.500	0.060	2.125	4.000	2.217	0.500	7	☺
MD177.15.9A7S038-	0.625	0.030	0.750	3.000	1.094	0.625	7	☺
MD177.15.9A7S076-	0.625	0.060	0.750	3.000	1.094	0.625	7	☺
MD177.15.9A7D038-	0.625	0.030	1.250	3.500	1.594	0.625	7	☺
MD177.15.9A7D076-	0.625	0.060	1.250	3.500	1.594	0.625	7	☺
MD177.15.9A7D038I-	0.625	0.015	1.625	3.500	1.625	0.625	7	☺
MD177.15.9A7D076I-	0.625	0.030	1.625	3.500	1.625	0.625	7	☺
MD177.15.9A7D152I-	0.625	0.060	1.625	3.500	1.625	0.625	7	☺
MD177.15.9A7L038J-	0.625	0.015	2.125	4.000	2.125	0.625	7	☺

Shoulder milling $a_e \leq 0{,}10 \times D_c$ for ISO-P
Ordering example for the grade WJ30EN: MD177.12.7A7D038-WJ30EN

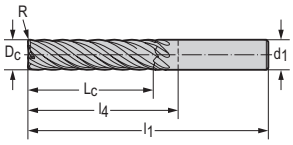
WALTER SELECT

●● Primary application ● Other application

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

D1

STANDARD



Cylindrical shank

Designation	D_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30EN
MD177.15.9A7L076J-	0.625	0.030	2.125	4.000	2.125	0.625	7	●
MD177.15.9A7L152J-	0.625	0.060	2.125	4.000	2.125	0.625	7	●
MD177.19.1A7S076-	0.750	0.030	1.000	3.000	1.000	0.750	7	●
MD177.19.1A7S152-	0.750	0.060	1.000	3.000	1.000	0.750	7	●
MD177.19.1A7S305-	0.750	0.120	1.000	3.000	1.000	0.750	7	●
MD177.19.1A7D038-	0.750	0.015	1.625	4.000	1.969	0.750	7	●
MD177.19.1A7D076-	0.750	0.030	1.625	4.000	1.969	0.750	7	●
MD177.19.1A7D152-	0.750	0.060	1.625	4.000	1.969	0.750	7	●
MD177.19.1A7D305-	0.750	0.120	1.625	4.000	1.969	0.750	7	●
MD177.19.1A7L076J-	0.750	0.030	2.250	5.000	2.968	0.750	7	●
MD177.19.1A7L152J-	0.750	0.060	2.250	5.000	2.968	0.750	7	●
MD177.19.1A7L305J-	0.750	0.120	2.250	5.000	2.968	0.750	7	●
MD177.19.1A7X076K-	0.750	0.030	3.250	6.000	3.968	0.750	7	●
MD177.19.1A7X152K-	0.750	0.060	3.250	6.000	3.968	0.750	7	●
MD177.25.4A7D076I-	1.000	0.030	2.625	5.000	2.717	1.000	7	●
MD177.25.4A7D152I-	1.000	0.060	2.625	5.000	2.717	1.000	7	●
MD177.25.4A7D305I-	1.000	0.120	2.625	5.000	2.717	1.000	7	●
MD177.25.4A7L038J-	1.000	0.015	3.250	6.000	3.717	1.000	7	●
MD177.25.4A7L076J-	1.000	0.030	3.250	6.000	3.717	1.000	7	●
MD177.25.4A7L152J-	1.000	0.060	3.250	6.000	3.717	1.000	7	●
MD177.25.4A7L305J-	1.000	0.120	3.250	6.000	3.717	1.000	7	●

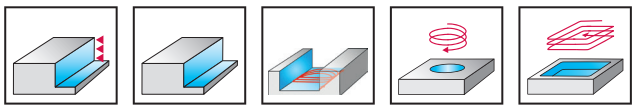
Shoulder milling $a_e \leq 0{,}10 \times D_c$ for ISO-P
Ordering example for the grade WJ30EN: MD177.12.7A7D038-WJ30EN

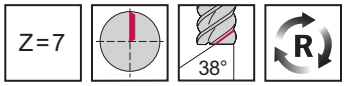
D1

Solid carbide shoulder milling cutters

MD177 Supreme mm

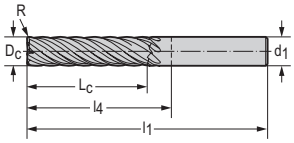






	P	M	K	N	S	H	O
WJ30ED (nACRoA)	●	●			●●		

PWZ-NORM L



Cylindrical shank

Designation	D_c mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30EN
MD177-06.0A7L030K-	6	0.3	25	65	29	6	7	☺
MD177-08.0A7L040K-	8	0.4	34	80	44	8	7	☺
MD177-10.0A7L050K-	10	0.5	42	90	50	10	7	☺
MD177-12.0A7L060K-	12	0.6	50	100	55	12	7	☺
MD177-16.0A7L080K-	16	0.8	66	125	77	16	7	☺
MD177-20.0A7L100K-	20	1	83	145	95	20	7	☺
MD177-25.0A7L125K-	25	1.25	100	163	107	25	7	☺

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

D1

WALTER SELECT

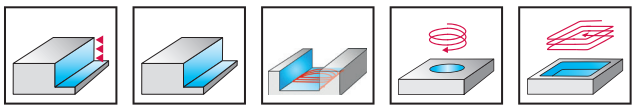
●● Primary application ● Other application

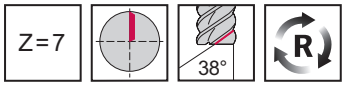
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MD177 Supreme inch

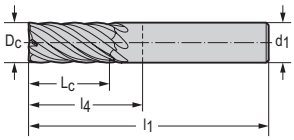






	P	M	K	N	S	H	O
WJ30ED (nACRoA)	●	●			●●		

STANDARD



Cylindrical shank

Designation	D_c inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30EN
MD177.4.76A7LK-	0.187	0.750	2.500	1.083	0.187	7	☺
MD177.6.35A7D-	0.250	0.500	2.500	1.083	0.250	7	☺
MD177.6.35A7DJ-	0.250	0.750	2.500	1.083	0.250	7	☺
MD177.6.35A7XL-	0.250	1.250	3.000	1.583	0.250	7	☺
MD177.9.53A7S-	0.375	0.500	2.000	0.500	0.375	7	☺
MD177.9.53A7D-	0.375	1.000	2.500	1.000	0.375	7	☺
MD177.9.53A7LJ-	0.375	1.250	3.000	1.437	0.375	7	☺
MD177.12.7A7S-	0.500	0.625	2.500	0.717	0.500	7	☺
MD177.12.7A7D-	0.500	1.000	3.000	1.217	0.500	7	☺
MD177.12.7A7DI-	0.500	1.250	3.000	1.250	0.500	7	☺
MD177.12.7A7LK-	0.500	2.125	4.000	2.217	0.500	7	☺
MD177.15.9A7S-	0.625	0.750	3.000	1.094	0.625	7	☺
MD177.15.9A7D-	0.625	1.250	3.500	1.594	0.625	7	☺
MD177.15.9A7DI-	0.625	1.625	3.500	1.625	0.625	7	☺
MD177.15.9A7LJ-	0.625	2.125	4.000	2.125	0.625	7	☺
MD177.19.1A7S-	0.750	1.000	3.000	1.000	0.750	7	☺
MD177.19.1A7D-	0.750	1.625	4.000	1.969	0.750	7	☺
MD177.19.1A7LJ-	0.750	2.250	5.000	2.968	0.750	7	☺
MD177.19.1A7XK-	0.750	3.250	6.000	3.968	0.750	7	☺
MD177.25.4A7DI-	1.000	2.625	5.000	2.717	1.000	7	☺
MD177.25.4A7LJ-	1.000	3.250	6.000	3.717	1.000	7	☺

Shoulder milling $a_e \leq 0{,}10 \times D_c$ for ISO-P
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

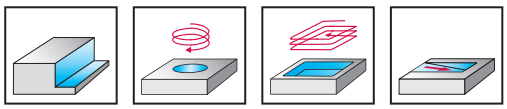
Solid carbide shoulder milling cutters

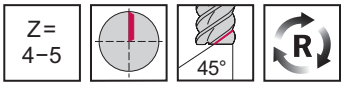
H7073417 mm

Protostar® Ti



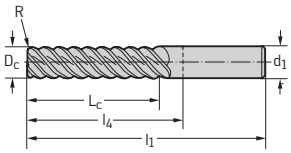
– Type Ti 45, extra long





	P	M	K	N	S	H	O
ACN					●●		

PWZ-NORM XL



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
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

WALTER SELECT

●● Primary application ● Other application

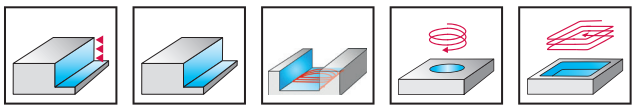
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

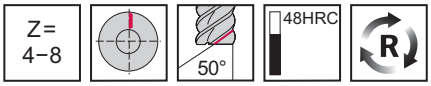
Solid carbide shoulder milling cutters

MC128 Advance mm



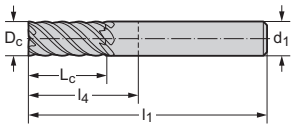
– Type N 50





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

DIN 6527 L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 h6	Z	WJ30TF
MC128-02.0A4B-	2	7	57	21	6	4	
MC128-03.0A4B-	3	8	57	21	6	4	
MC128-04.0A4B-	4	11	57	21	6	4	
MC128-05.0A5B-	5	13	57	21	6	5	
MC128-06.0A6B-	6	13	57	21	6	6	
MC128-08.0A6B-	8	19	63	27	8	6	
MC128-10.0A6B-	10	22	72	32	10	6	
MC128-12.0A6B-	12	26	83	38	12	6	
MC128-16.0A6B-	16	32	92	44	16	6	
MC128-20.0A8B-	20	38	104	54	20	8	
MC128-25.0A8B-	25	45	121	65	25	8	

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

D1

WALTER SELECT

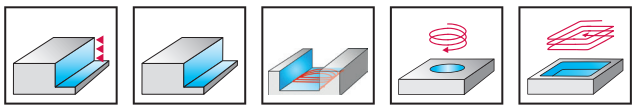
●● Primary application ● Other application
Best tool for → Good = → Average = → Poor = machining conditions

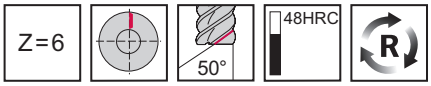
Solid carbide shoulder milling cutters

MC128 Advance inch



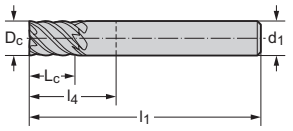
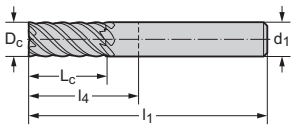
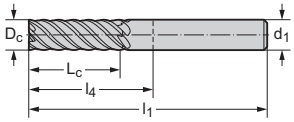
– Type N 50





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

STANDARD

	Designation	D_c h10	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30TF
 Cylindrical shank	MC128.6.35A6C-	0.250	0.500	2.500	1.083	0.250	6	☺
	MC128.9.53A6C-	0.375	0.500	2.500	0.937	0.375	6	☺
 Cylindrical shank	MC128.9.53A6D-	0.375	1.000	3.000	1.437	0.375	6	☺
	MC128.12.7A6D-	0.500	1.250	3.500	1.717	0.500	6	☺
	MC128.12.7A6DI-	0.500	1.000	3.500	1.717	0.500	6	☺
	MC128.15.9A6D-	0.625	1.625	4.000	2.094	0.625	6	☺
	MC128.15.9A6DI-	0.625	1.250	4.000	2.094	0.625	6	☺
	MC128.19.1A8D-	0.750	1.625	4.500	2.468	0.750	8	☺
 Cylindrical shank	MC128.6.35A6L-	0.250	1.000	3.000	1.583	0.250	6	☺
	MC128.19.1A8L-	0.750	2.250	5.000	2.968	0.750	8	☺

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

D1

WALTER SELECT

●● Primary application ● Other application

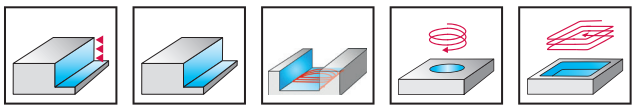
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

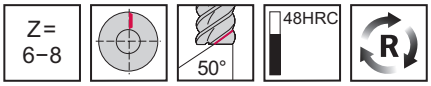
Solid carbide shoulder milling cutters

MC128 Advance mm



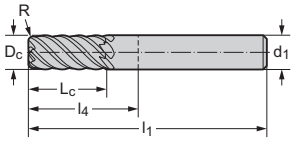
– Type N 50





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

DIN 6527 L



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6	Z	WJ30TF
MC128-06.0A6B050-	6	0.5	13	57	21	6	6	☺
MC128-08.0A6B050-	8	0.5	19	63	27	8	6	☺
MC128-08.0A6B100-	8	1	19	63	27	8	6	☺
MC128-10.0A6B050-	10	0.5	22	72	32	10	6	☺
MC128-10.0A6B100-	10	1	22	72	32	10	6	☺
MC128-10.0A6B200-	10	2	22	72	32	10	6	☺
MC128-12.0A6B050-	12	0.5	26	83	38	12	6	☺
MC128-12.0A6B100-	12	1	26	83	38	12	6	☺
MC128-12.0A6B200-	12	2	26	83	38	12	6	☺
MC128-12.0A6B300-	12	3	26	83	38	12	6	☺
MC128-16.0A6B050-	16	0.5	32	92	44	16	6	☺
MC128-16.0A6B100-	16	1	32	92	44	16	6	☺
MC128-16.0A6B200-	16	2	32	92	44	16	6	☺
MC128-16.0A6B300-	16	3	32	92	44	16	6	☺
MC128-20.0A8B100-	20	1	38	104	54	20	8	☺
MC128-20.0A8B200-	20	2	38	104	54	20	8	☺
MC128-20.0A8B300-	20	3	38	104	54	20	8	☺
MC128-20.0A8B400-	20	4	38	104	54	20	8	☺

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

D1

WALTER SELECT

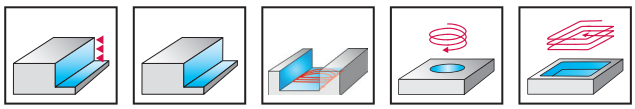
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

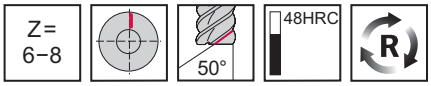
Solid carbide shoulder milling cutters

MC128 Advance inch



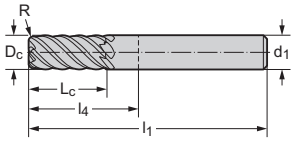
– Type N 50





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

STANDARD



Cylindrical shank

Designation	D_c h9	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h6	Z	WJ30TF
MC128.6.35A6D038-	0.250	0.015	0.625	2.500	1.083	0.250	6	☺
MC128.6.35A6D076-	0.250	0.030	0.625	2.500	1.083	0.250	6	☺
MC128.9.53A6D038-	0.375	0.015	1.000	3.000	1.437	0.375	6	☺
MC128.9.53A6D076-	0.375	0.030	1.000	3.000	1.437	0.375	6	☺
MC128.12.7A6D076-	0.500	0.030	1.250	3.500	1.717	0.500	6	☺
MC128.12.7A6D152-	0.500	0.060	1.250	3.500	1.717	0.500	6	☺
MC128.12.7A6D228-	0.500	0.090	1.250	3.500	1.717	0.500	6	☺
MC128.12.7A6D318-	0.500	0.125	1.250	3.500	1.717	0.500	6	☺
MC128.15.9A6D076-	0.625	0.030	1.625	4.000	2.094	0.625	6	☺
MC128.15.9A6D152-	0.625	0.060	1.625	4.000	2.094	0.625	6	☺
MC128.19.1A8D076-	0.750	0.030	1.750	4.500	2.468	0.750	8	☺
MC128.19.1A8D318-	0.750	0.125	1.750	4.500	2.468	0.750	8	☺
MC128.19.1A8D635-	0.750	0.250	1.750	4.500	2.468	0.750	8	☺

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

D1

WALTER SELECT

●● Primary application ● Other application

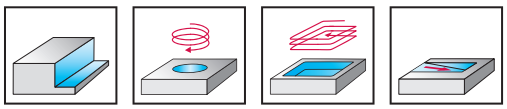
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MC111 Advance mm



– Type N 30

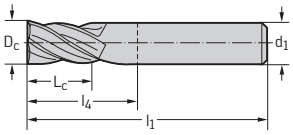




	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

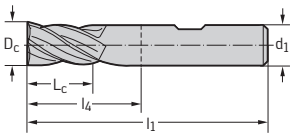
DIN 6527 K

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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	



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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	



DIN 6535 HB

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

D1

WALTER SELECT

●● Primary application ● Other application

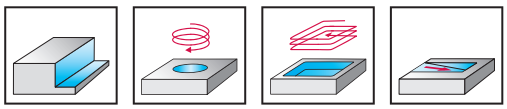
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

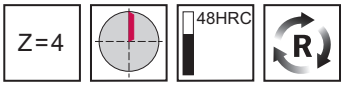
Solid carbide shoulder milling cutters

MC111 Advance inch



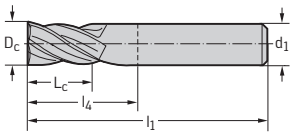
– Type N 30





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

STANDARD



Cylindrical shank

Designation	D_c h10	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30TF
MC111.2.38A4D-	0.094	0.375	2.500	1.083	0.250	4	☺
MC111.3.18A4D-	0.125	0.500	2.500	1.083	0.250	4	☺
MC111.4.76A4D-	0.188	0.625	2.500	1.083	0.250	4	☺
MC111.6.35A4D-	0.250	0.750	2.500	1.083	0.250	4	☺
MC111.7.94A4D-	0.313	0.812	3.000	1.437	0.375	4	☺
MC111.9.53A4D-	0.375	0.875	3.000	1.437	0.375	4	☺
MC111.12.7A4D-	0.500	1.000	3.500	1.717	0.500	4	☺
MC111.15.9A4D-	0.625	1.250	3.500	1.594	0.625	4	☺
MC111.19.1A4D-	0.750	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

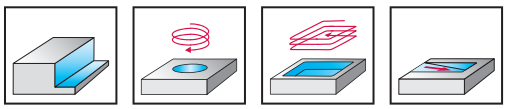
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MC112 Advance mm



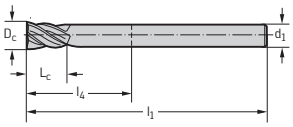
– Long reach
– Type HSC 30





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM XL



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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	☺

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 $d_1 \geq 10$ mm
Ordering example for the grade WJ30TF: MC112-06.3A4X-WJ30TF

D1

WALTER SELECT

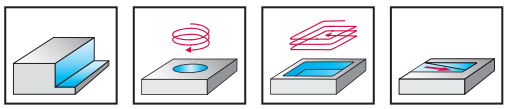
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder milling cutters

MC112 Advance mm



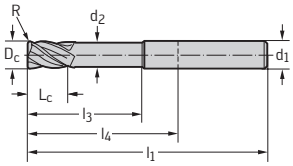
– Long reach
– Type HSC 30





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM L



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
MC112-04.0A4L050-	4	0.5	4	20	3.8	57	21.9	6	4	☺
MC112-06.0A4L100-	6	1	6	24	5.7	63	27	8	4	☺
MC112-08.0A4L100-	8	1	8	29	7.6	72	32	10	4	☺
MC112-12.0A4L150-	12	1.5	12	36	11.4	83	38	12	4	☺
MC112-16.0A4L200-	16	2	16	42	15.2	92	44	16	4	☺

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

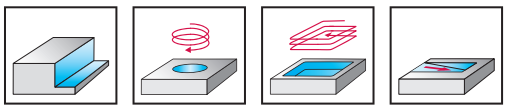
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

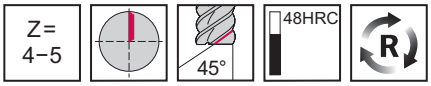
Solid carbide shoulder milling cutters

MC122 Advance mm



– Type N 45





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

DIN 6527 L

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
DIN 6535 HA							
MC122-18.0A5B-	18	32	92	44	18	5	☹
MC122-20.0A5B-	20	38	104	54	20	5	☹
DIN 6535 HB							
MC122-20.0W5B-	20	38	104	54	20	5	☹
MC122-25.0A5B-	25	45	121	65	25	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: MC122-18.0A5B-WJ30TF

D1

WALTER SELECT

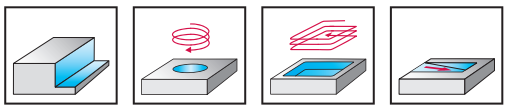
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☠ machining conditions

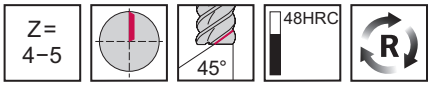
Solid carbide shoulder milling cutters

MC122 Advance mm



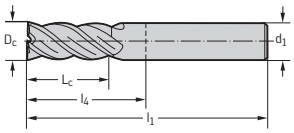
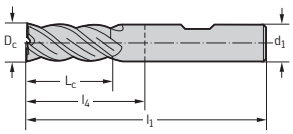
– Type N 45, extra long





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM L

	Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 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

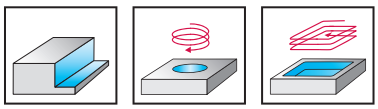
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

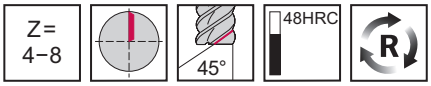
Solid carbide shoulder milling cutters

MC122 Advance mm



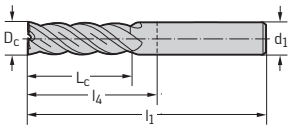
– Type N 45, extra long



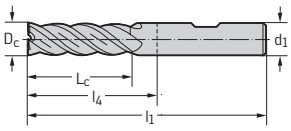


	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM XL



DIN 6535 HA



DIN 6535 HB

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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	●●
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

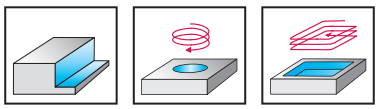
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

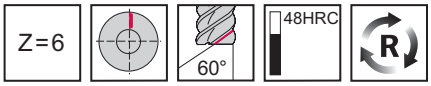
Solid carbide shoulder milling cutters

MC129 Advance mm



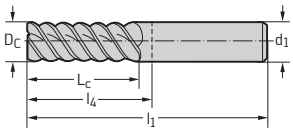
– Type N 60





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

DIN 6527 L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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

D1

WALTER SELECT

●● Primary application ● Other application

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

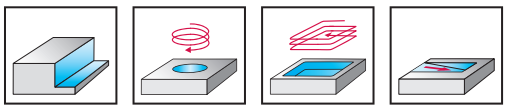
Solid carbide shoulder milling cutters

H4044918 mm

Protostar®



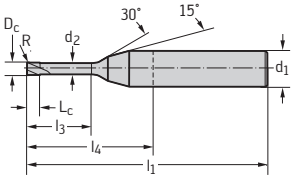
– Long reach
– Type HSC 30, mini





	P	M	K	N	S	H	O
TAX	●●			●			

PWZ-NORM MINI



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z
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	10	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 $a_e \leq 0.05 \times D_c$

D1

WALTER SELECT

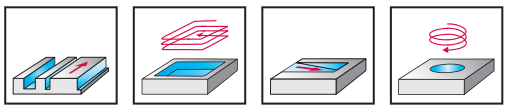
●● Primary application ● Other application

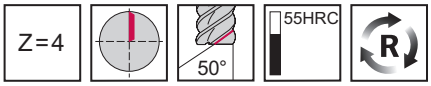
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC341 Supreme mm

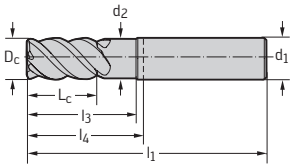






	P	M	K	N	S	H	O
WK40TZ (AlTiN+ZrN)	●●	●					

PWZ-NORM



DIN 6535 HA

Designation	D_c h9	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TZ
MC341-06.0A4P-	6	10	16	5.5	57	21	6	4	☺
MC341-08.0A4P-	8	13	22	7.6	63	27	8	4	☺
MC341-10.0A4P-	10	16	28	9.5	72	32	10	4	☺
MC341-12.0A4P-	12	19	33	11.4	83	38	12	4	☺
MC341-16.0A4P-	16	26	42	15.2	92	44	16	4	☺
MC341-20.0A4P-	20	32	52	19	104	54	20	4	☺

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

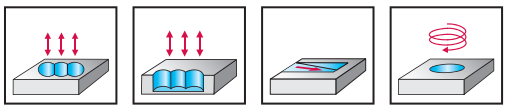
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

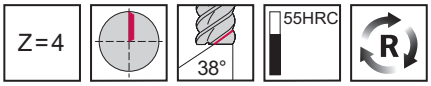
Solid carbide plunge milling cutter

MD344 Supreme mm



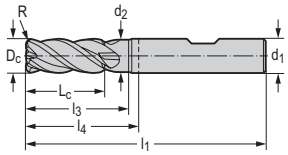
– Long reach





	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●		●				

DIN 6527 L



DIN 6535 HB

Designation	D_c h9	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5	Z	WK40TP
★ MD344-06.0W4B030C-	6	0.3	13	19	5.7	57	21	6	4	☹
★ MD344-08.0W4B040C-	8	0.4	19	25	7.6	63	27	8	4	☹
★ MD344-10.0W4B050C-	10	0.5	22	30	9.5	72	32	10	4	☹
★ MD344-12.0W4B060C-	12	0.6	26	36	11.4	83	38	12	4	☹
★ MD344-16.0W4B080C-	16	0.8	32	42	15.2	92	44	16	4	☹
★ MD344-20.0W4B100C-	20	1	38	52	19	104	54	20	4	☹

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

D1

WALTER SELECT

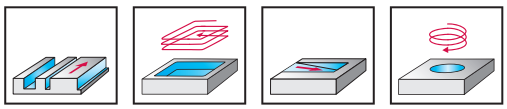
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



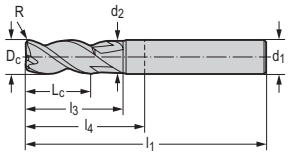
– Long reach





	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●		●				

P-NORM



Cylindrical shank

Designation	D_c h9	R inch	L_c inch	d_2 inch	l_1 inch	l_4 inch	d_1 h5	Z	WK40TP
★ MD340.6.35A3P038C-	0.250	0.015	0.539	0.238	3.000	1.437	0.375	3	☺
★ MD340.6.35A3P076C-	0.250	0.030	0.539	0.238	3.000	1.437	0.375	3	☺
★ MD340.9.53A3P038C-	0.375	0.015	0.829	0.356	3.000	1.437	0.375	3	☺
★ MD340.9.53A3P076C-	0.375	0.030	0.829	0.356	3.000	1.437	0.375	3	☺
★ MD340.12.7A3P076C-	0.500	0.030	0.954	0.475	3.500	1.717	0.500	3	☺
★ MD340.12.7A3P152C-	0.500	0.060	0.954	0.475	3.500	1.717	0.500	3	☺
★ MD340.19.1A3P076C-	0.750	0.030	1.579	0.713	4.000	1.969	0.750	3	☺
★ MD340.19.1A3P152C-	0.750	0.060	1.579	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

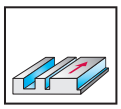
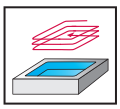
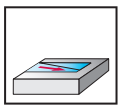
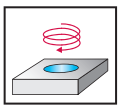
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MD340 Supreme mm



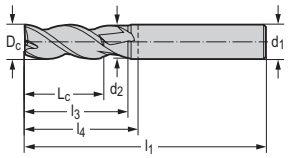
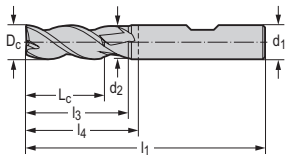

– Long reach



	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●		●				

P-NORM

	Designation	D_c h9	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5	Z	WK40TP
 DIN 6535 HA	★ MD340-02.0A3PC-	2	5	1.9	57	21	6	3	
	★ MD340-03.0A3PC-	3	7	2.9	57	21	6	3	
	★ MD340-04.0A3PC-	4	9	3.8	57	21	6	3	
	★ MD340-05.0A3PC-	5	11	4.8	57	21	6	3	
	★ MD340-06.0A3PC-	6	13	5.7	57	21	6	3	
	★ MD340-08.0A3PC-	8	18	7.6	63	27	8	3	
	★ MD340-10.0A3PC-	10	22	9.5	72	32	10	3	
	★ MD340-12.0A3PC-	12	26	11.4	83	38	12	3	
	★ MD340-16.0A3PC-	16	34	15.2	92	44	16	3	
	★ MD340-20.0A3PC-	20	42	19	104	54	20	3	
 DIN 6535 HB	★ MD340-10.0W3PC-	10	22	9.5	72	32	10	3	
	★ MD340-12.0W3PC-	12	26	11.4	83	38	12	3	
	★ MD340-16.0W3PC-	16	34	15.2	92	44	16	3	
	★ MD340-20.0W3PC-	20	42	19	104	54	20	3	

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

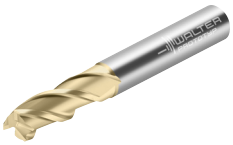
D1

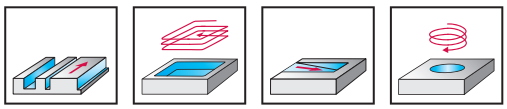
WALTER SELECT

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

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch

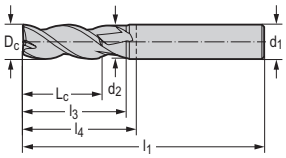






	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●		●				

P-NORM



Cylindrical shank

Designation	D_c h9	L_c inch	l_1 inch	l_4 inch	d_1 h5	Z	WK40TP
★ MD340.1.58A3PC-	0.063	0.164	2.000	0.583	0.250	3	
★ MD340.2.38A3PC-	0.094	0.227	2.500	1.083	0.250	3	
★ MD340.3.18A3PC-	0.125	0.289	2.500	1.083	0.250	3	
★ MD340.4.76A3PC-	0.188	0.414	2.500	1.083	0.250	3	
★ MD340.6.35A3PC-	0.250	0.539	3.000	1.437	0.375	3	
★ MD340.7.93A3PC-	0.313	0.664	3.000	1.437	0.375	3	
★ MD340.9.53A3PC-	0.375	0.829	3.000	1.437	0.375	3	
★ MD340.11.1A3PC-	0.438	0.954	3.500	1.717	0.500	3	
★ MD340.12.7A3PC-	0.500	1.079	3.500	1.717	0.500	3	
★ MD340.15.9A3PC-	0.625	1.329	3.500	1.594	0.625	3	
★ MD340.19.1A3PC-	0.750	1.579	4.000	1.969	0.750	3	

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

D1

WALTER SELECT

●● Primary application ● Other application

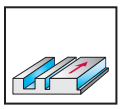
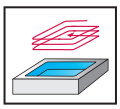
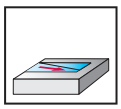
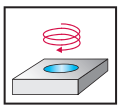
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MD340 Supreme mm




– Long reach

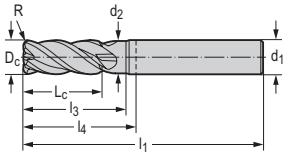







	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●		●				

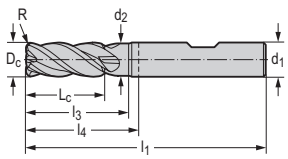
DIN 6527 L

Designation	D_c h9	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5	Z	WK40TP
★ MD340-03.0A4B020C-	3	0.2	5	2.9	57	21	6	4	
★ MD340-03.0A4B050C-	3	0.5	5	2.9	57	21	6	4	
★ MD340-04.0A4B020C-	4	0.2	7	3.8	57	21	6	4	
★ MD340-04.0A4B050C-	4	0.5	7	3.8	57	21	6	4	
★ MD340-05.0A4B050C-	5	0.5	8	4.8	57	21	6	4	
★ MD340-05.0A4B100C-	5	1	8	4.8	57	21	6	4	
★ MD340-06.0A4B050C-	6	0.5	10	5.7	57	21	6	4	
★ MD340-06.0A4B100C-	6	1	10	5.7	57	21	6	4	
★ MD340-08.0A4B050C-	8	0.5	19	7.6	63	27	8	4	
★ MD340-08.0A4B100C-	8	1	19	7.6	63	27	8	4	
★ MD340-08.0A4B200C-	8	2	19	7.6	63	27	8	4	
★ MD340-10.0A4B050C-	10	0.5	22	9.5	72	32	10	4	
★ MD340-10.0A4B100C-	10	1	22	9.5	72	32	10	4	
★ MD340-10.0A4B200C-	10	2	22	9.5	72	32	10	4	
★ MD340-12.0A4B050C-	12	0.5	26	11.4	83	38	12	4	
★ MD340-12.0A4B100C-	12	1	26	11.4	83	38	12	4	
★ MD340-12.0A4B200C-	12	2	26	11.4	83	38	12	4	
★ MD340-16.0A4B050C-	16	0.5	32	15.2	92	44	16	4	
★ MD340-16.0A4B100C-	16	1	32	15.2	92	44	16	4	
★ MD340-16.0A4B200C-	16	2	32	15.2	92	44	16	4	
★ MD340-20.0A4B100C-	20	1	38	19	104	54	20	4	
★ MD340-20.0A4B200C-	20	2	38	19	104	54	20	4	
★ MD340-20.0A4B400C-	20	4	38	19	104	54	20	4	



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5	Z	WK40TP
★ MD340-10.0W4B050C-	10	0.5	22	9.5	72	32	10	4	
★ MD340-10.0W4B100C-	10	1	22	9.5	72	32	10	4	
★ MD340-10.0W4B200C-	10	2	22	9.5	72	32	10	4	
★ MD340-12.0W4B050C-	12	0.5	26	11.4	83	38	12	4	
★ MD340-12.0W4B100C-	12	1	26	11.4	83	38	12	4	
★ MD340-12.0W4B200C-	12	2	26	11.4	83	38	12	4	
★ MD340-16.0W4B050C-	16	0.5	32	15.2	92	44	16	4	
★ MD340-16.0W4B100C-	16	1	32	15.2	92	44	16	4	
★ MD340-16.0W4B200C-	16	2	32	15.2	92	44	16	4	
★ MD340-20.0W4B100C-	20	1	38	19	104	54	20	4	
★ MD340-20.0W4B200C-	20	2	38	19	104	54	20	4	
★ MD340-20.0W4B400C-	20	4	38	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

WALTER SELECT

●● Primary application ● Other application

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

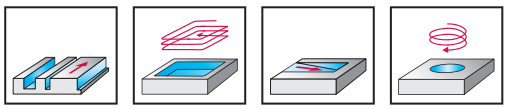
D1

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch



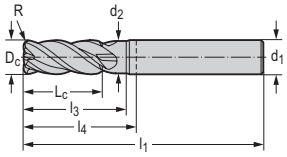
– Long reach





	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●		●				

ANSI-STANDARD



Cylindrical shank

Designation	D_c h9	R inch	L_c inch	d_2 inch	l_1 inch	l_4 inch	d_1 h5	Z	WK40TP
★ MD340.6.35A4D038C-	0.250	0.015	0.405	0.238	3.000	1.437	0.375	4	
★ MD340.6.35A4D076C-	0.250	0.030	0.405	0.238	3.000	1.437	0.375	4	
★ MD340.9.53A4D038C-	0.375	0.015	0.608	0.356	3.000	1.437	0.375	4	
★ MD340.9.53A4D076C-	0.375	0.030	0.608	0.356	3.000	1.437	0.375	4	
★ MD340.12.7A4D076C-	0.500	0.030	0.810	0.475	3.500	1.717	0.500	4	
★ MD340.12.7A4D152C-	0.500	0.060	0.810	0.475	3.500	1.717	0.500	4	
★ MD340.15.9A4D076C-	0.625	0.030	1.013	0.594	3.500	1.594	0.625	4	
★ MD340.15.9A4D152C-	0.625	0.060	1.013	0.594	3.500	1.594	0.625	4	
★ MD340.19.1A4D076C-	0.750	0.030	1.215	0.713	4.000	1.969	0.750	4	
★ MD340.19.1A4D152C-	0.750	0.060	1.215	0.713	4.000	1.969	0.750	4	

Slot milling $a_p \leq 1.5 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WK40TP: MD340.12.7A4D076C-WK40TP

D1

WALTER SELECT

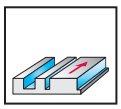
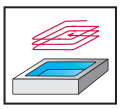
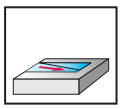
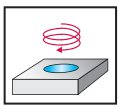
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MD340 Supreme mm




– Long reach

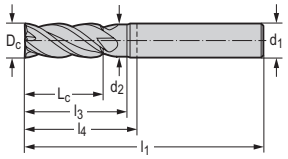







	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●		●				

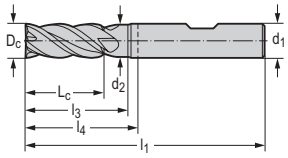
DIN 6527 L

Designation	D_c h9	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5	Z	WK40TP
★ MD340-03.0A4BC-	3	5	2.9	57	21	6	4	
★ MD340-04.0A4BC-	4	7	3.8	57	21	6	4	
★ MD340-05.0A4BC-	5	8	4.8	57	21	6	4	
★ MD340-06.0A4BC-	6	10	5.7	57	21	6	4	
★ MD340-08.0A4BC-	8	19	7.6	63	27	8	4	
★ MD340-10.0A4BC-	10	22	9.5	72	32	10	4	
★ MD340-12.0A4BC-	12	26	11.4	83	38	12	4	
★ MD340-14.0A4BC-	14	26	13.3	83	38	14	4	
★ MD340-16.0A4BC-	16	32	15.2	92	44	16	4	
★ MD340-18.0A4BC-	18	32	17.1	92	44	18	4	
★ MD340-20.0A4BC-	20	38	19	104	54	20	4	



DIN 6535 HA

Designation	D_c h9	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5	Z	WK40TP
★ MD340-10.0W4BC-	10	22	9.5	72	32	10	4	
★ MD340-12.0W4BC-	12	26	11.4	83	38	12	4	
★ MD340-14.0W4BC-	14	26	13.3	83	38	14	4	
★ MD340-16.0W4BC-	16	32	15.2	92	44	16	4	
★ MD340-18.0W4BC-	18	32	17.1	92	44	18	4	
★ MD340-20.0W4BC-	20	38	19	104	54	20	4	



DIN 6535 HB

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

D1

WALTER SELECT

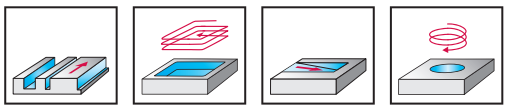
●● Primary application ● Other application

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

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch

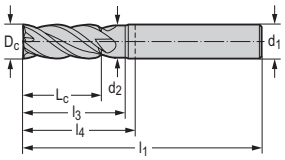






	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●		●				

ANSI-STANDARD



Cylindrical shank

Designation	D_c h9	L_c inch	d_2 inch	l_1 inch	l_4 inch	d_1 h5	Z	WK40TP
★ MD340.6.35A4DC-	0.250	0.405	0.238	3.000	1.437	0.375	4	☺
★ MD340.7.93A4DC-	0.313	0.506	0.297	3.000	1.437	0.375	4	☺
★ MD340.9.53A4DC-	0.375	0.608	0.356	3.000	1.437	0.375	4	☺
★ MD340.12.7A4DC-	0.500	0.810	0.475	3.500	1.717	0.500	4	☺
★ MD340.15.9A4DC-	0.625	1.013	0.594	3.500	1.594	0.625	4	☺
★ MD340.19.1A4DC-	0.750	1.215	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

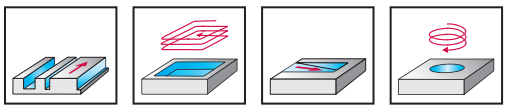
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MD340 Supreme mm

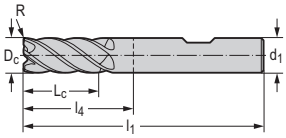



– Long reach





	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●		●				

	Designation	D_c h9	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h5	Z	WK40TP
	★ MD340-06.0W5B050-	6	0.5	13	57	21	6	5	☹
	★ MD340-06.0W5B100-	6	1	13	57	21	6	5	☹
	★ MD340-08.0W5B050-	8	0.5	19	63	27	8	5	☹
	★ MD340-08.0W5B100-	8	1	19	63	27	8	5	☹
	★ MD340-08.0W5B200-	8	2	19	63	27	8	5	☹
	★ MD340-10.0W5B050-	10	0.5	22	72	32	10	5	☹
	★ MD340-10.0W5B100-	10	1	22	72	32	10	5	☹
	★ MD340-10.0W5B200-	10	2	22	72	32	10	5	☹
	★ MD340-12.0W5B050-	12	0.5	26	83	38	12	5	☹
	★ MD340-12.0W5B100-	12	1	26	83	38	12	5	☹
	★ MD340-12.0W5B200-	12	2	26	83	38	12	5	☹
	★ MD340-16.0W5B050-	16	0.5	32	92	44	16	5	☹
	★ MD340-16.0W5B100-	16	1	32	92	44	16	5	☹
	★ MD340-16.0W5B200-	16	2	32	92	44	16	5	☹

DIN 6535 HB

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

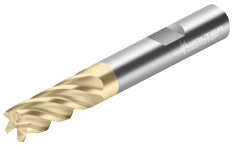
D1

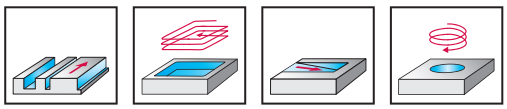
WALTER SELECT

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

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch

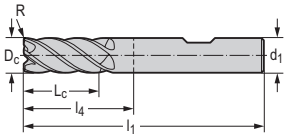






	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●		●				

ANSI-STANDARD



DIN 6535 HB

Designation	D_c h9	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h5	Z	WK40TP
★ MD340.9.53W5D076-	0.375	0.030	0.875	3.000	1.437	0.375	5	
★ MD340.12.7W5D076-	0.500	0.030	1.063	3.500	1.717	0.500	5	
★ MD340.12.7W5D152-	0.500	0.060	1.063	3.500	1.717	0.500	5	
★ MD340.19.1W5D076-	0.750	0.030	1.500	4.000	1.969	0.750	5	
★ MD340.19.1W5D152-	0.750	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

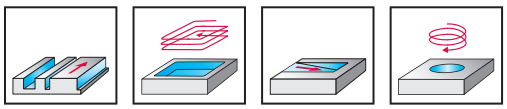
WALTER SELECT

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

Solid carbide shoulder/slot milling cutters

MD340 Supreme mm

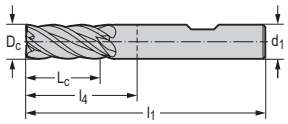






	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●		●				

DIN 6527 L



DIN 6535 HB

Designation	D_c h9	L_c mm	l_1 mm	l_4 mm	d_1 h5	Z	WK40TP
★ MD340-06.0W5B-	6	13	57	21	6	5	☹
★ MD340-08.0W5B-	8	19	63	27	8	5	☹
★ MD340-10.0W5B-	10	22	72	32	10	5	☹
★ MD340-12.0W5B-	12	26	83	38	12	5	☹
★ MD340-16.0W5B-	16	32	92	44	16	5	☹
★ MD340-20.0W5B-	20	38	104	54	20	5	☹
★ MD340-25.0W5B-	25	45	121	65	25	5	☹

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

D1

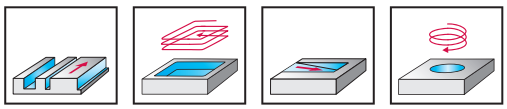
WALTER SELECT

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

Solid carbide shoulder/slot milling cutters

MD340 Supreme inch

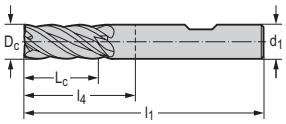






	P	M	K	N	S	H	O
WK40TP (TAT+ZrN)	●●		●				

ANSI-STANDARD



DIN 6535 HB

Designation	D_c h9	L_c inch	l_1 inch	l_4 inch	d_1 h5	Z	WK40TP
★ MD340.9.53W5D-	0.375	0.875	3.000	1.437	0.375	5	
★ MD340.12.7W5D-	0.500	1.063	3.500	1.717	0.500	5	
★ MD340.15.9W5D-	0.625	1.250	3.500	1.594	0.625	5	

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

D1

WALTER SELECT

●● Primary application ● Other application

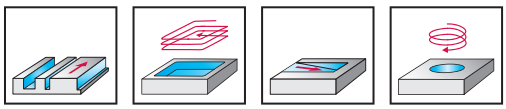
Best tool for → Good = → Average = → Poor = machining conditions

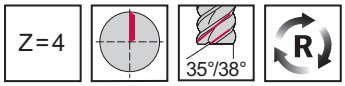
Solid carbide shoulder/slot milling cutters

H2034217 / H2134217 mm

Proto·max™ Inox

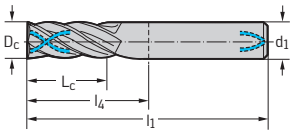




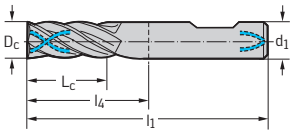


	P	M	K	N	S	H	O
TAA		●●			●		

DIN 6527 L



DIN 6535 HA



DIN 6535 HB

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 h6	Z
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
H2034217-6	6	13	57	21	6	4
H2034217-8	8	19	63	27	8	4
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

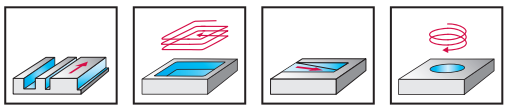
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

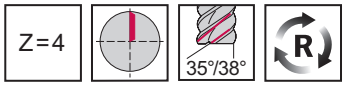
Solid carbide shoulder/slot milling cutter

AH2034217 inch

Proto·max™ Inox

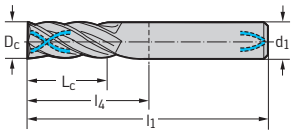






	P	M	K	N	S	H	O
TAA		●●			●		

DIN 6527



Cylindrical shank

Designation	D_c h10	L_c inch	l_1 inch	l_4 inch	d_1 h6	Z
AH2034217-1/2	0.500	1.000	3.500	1.717	0.500	4
AH2034217-1/4	0.250	0.750	2.500	1.083	0.250	4
AH2034217-3/4	0.750	1.500	4.000	1.969	0.750	4
AH2034217-3/8	0.375	0.875	3.000	1.437	0.375	4
AH2034217-5/8	0.625	1.250	3.500	1.594	0.625	4

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

D1

WALTER SELECT

●● Primary application ● Other application

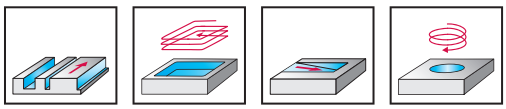
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

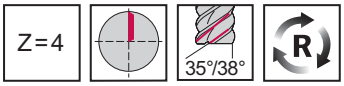
Solid carbide shoulder/slot milling cutters

H2038217 / H2138217 mm

Proto·max™ Inox

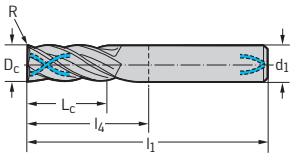






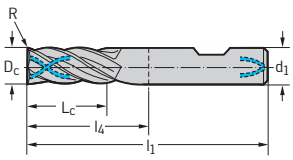
	P	M	K	N	S	H	O
TAA		●●			●		

DIN 6527 L



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
H2038217-6-0.5	6	0.5	13	57	21	6	4
H2038217-6-1	6	1	13	57	21	6	4
H2038217-8-0.5	8	0.5	19	63	27	8	4
H2038217-8-1	8	1	19	63	27	8	4
H2038217-8-2	8	2	19	63	27	8	4
H2038217-10-0.5	10	0.5	22	72	32	10	4
H2038217-10-1	10	1	22	72	32	10	4
H2038217-10-2	10	2	22	72	32	10	4
H2038217-10-3	10	3	22	72	32	10	4
H2038217-12-0.5	12	0.5	26	83	38	12	4
H2038217-12-1	12	1	26	83	38	12	4
H2038217-12-2	12	2	26	83	38	12	4
H2038217-12-3	12	3	26	83	38	12	4
H2038217-16-0.5	16	0.5	32	92	44	16	4
H2038217-16-1	16	1	32	92	44	16	4
H2038217-16-2	16	2	32	92	44	16	4
H2038217-16-3	16	3	32	92	44	16	4
H2038217-20-1	20	1	38	104	54	20	4
H2038217-20-2	20	2	38	104	54	20	4



DIN 6535 HB

Designation	D_c h9	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
H2138217-10-0.5	10	0.5	22	72	32	10	4
H2138217-10-1	10	1	22	72	32	10	4
H2138217-10-2	10	2	22	72	32	10	4
H2138217-12-0.5	12	0.5	26	83	38	12	4
H2138217-12-1	12	1	26	83	38	12	4
H2138217-12-2	12	2	26	83	38	12	4
H2138217-12-3	12	3	26	83	38	12	4
H2138217-16-0.5	16	0.5	32	92	44	16	4
H2138217-16-1	16	1	32	92	44	16	4
H2138217-16-2	16	2	32	92	44	16	4
H2138217-16-3	16	3	32	92	44	16	4
H2138217-20-1	20	1	38	104	54	20	4
H2138217-20-2	20	2	38	104	54	20	4
H2138217-20-3	20	3	38	104	54	20	4
H2138217-20-4	20	4	38	104	54	20	4

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

D1

WALTER SELECT

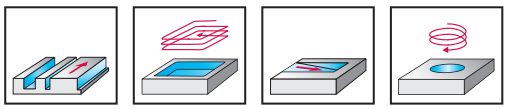
●● Primary application ● Other application

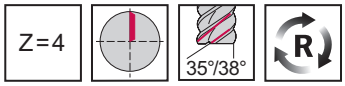
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC251 Advance mm

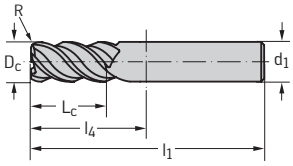






	P	M	K	N	S	H	O
WK40RC (TiAlN)		●●			●		

DIN 6527 L



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40RC
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

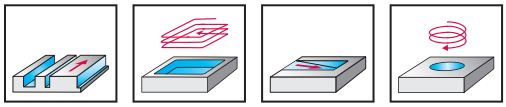
●● Primary application ● Other application

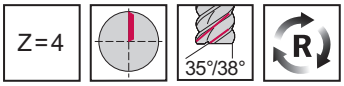
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC251 Advance mm

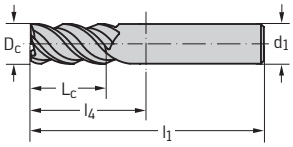






	P	M	K	N	S	H	O
WK40RC (TiAlN)		●●			●		

DIN 6527 L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40RC
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

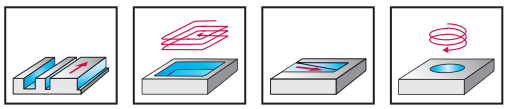
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

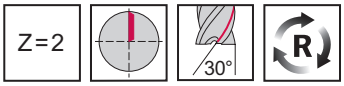
Solid carbide shoulder/slot milling cutters

MD266 Supreme mm

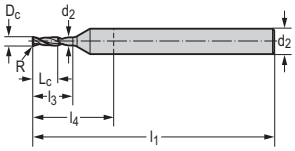


– Long reach





	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_2 mm	d_1 mm	Z	WJ30UU
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	☺

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

D1

WALTER SELECT

●● Primary application ● Other application

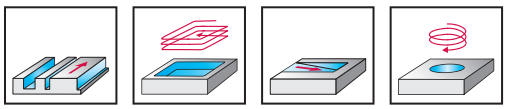
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

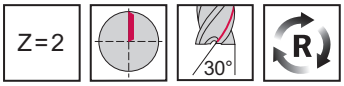
Solid carbide shoulder/slot milling cutters

MD266 Supreme mm

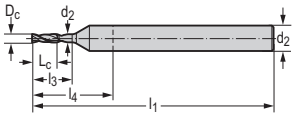


– Long reach





	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			



DIN 6535 HA

Designation	D_c h10	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_2 mm	d_1 mm	Z	WJ30UU
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	☻

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

D1

WALTER SELECT

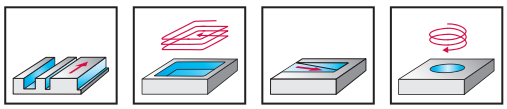
●● Primary application ● Other application
Best tool for ➔ Good = ☻ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

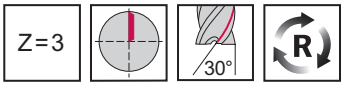
Solid carbide shoulder/slot milling cutters

MD266 Supreme mm



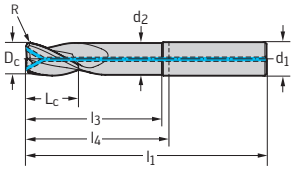
– Long reach





	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

DIN 6527 L



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_2 mm	d_1 mm	Z	WJ30UU
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	☺
MD266-25.0A3B300B-	25	3	43.75	52	110	53	23.8	25	3	☺

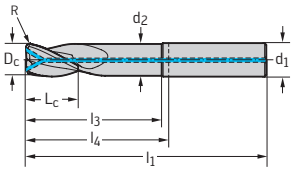
Slot milling $a_p \leq 0.9 \times D_c$
Shoulder milling $a_e \leq 0.6 \times D_c$
Ordering example for the grade WJ30UU: MD266-10.0A3B050C-WJ30UU

WALTER SELECT

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

D1

DIN 6527 L



DIN 6535 HA

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

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

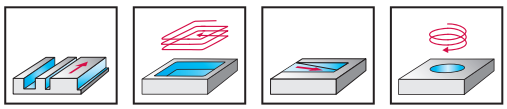
D1

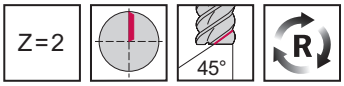
Solid carbide shoulder/slot milling cutters

MC267 Advance mm



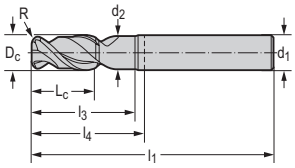
– Type Al 45





	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

DIN 6527 L



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 mm	Z	WJ30UU
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

D1

WALTER SELECT

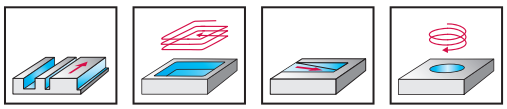
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

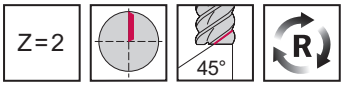
Solid carbide shoulder/slot milling cutters

MC267 Advance mm



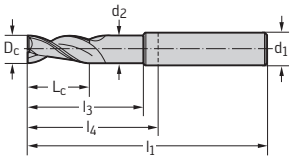
– Type AI 45





	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

DIN 6527 L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 mm	Z	WJ30UU
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

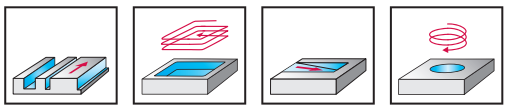
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

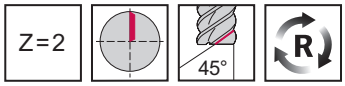
Solid carbide shoulder/slot milling cutters

MC267 Advance mm



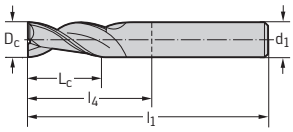
– Type AI 45





	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

DIN 6527 L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	WJ30UU
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

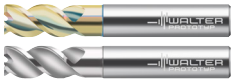
WALTER SELECT

●● Primary application ● Other application

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

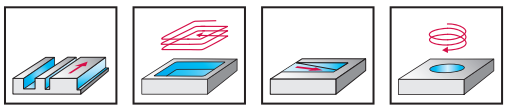
Solid carbide shoulder/slot milling cutters

MC267 Advance mm



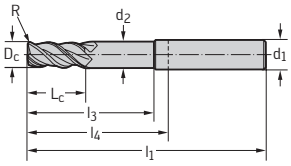
Z=3 | 45° | R

– Type AI 45



	P	M	K	N	S	H	O
WJ30CA (CrN)				●●			
WJ30UU (uncoated)				●●			

DIN 6527 L



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 h6	Z	WJ30CA	WJ30UU
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

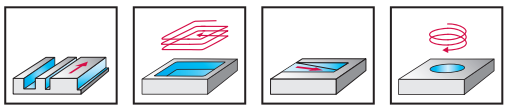
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

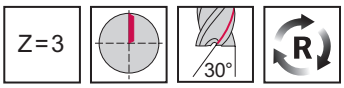
Solid carbide shoulder/slot milling cutters

MD265 Supreme mm



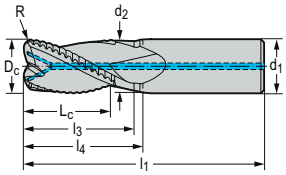
– Long reach





	P	M	K	N	S	H	O
WJ30DD (NHC)				●●			
WJ30UU (uncoated)				●●			

DIN 6527 L



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5	Z	WJ30DD	WJ30UU
★ 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

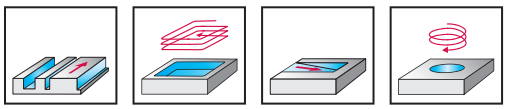
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

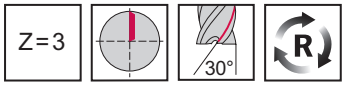
Solid carbide shoulder/slot milling cutters

MD265 Supreme mm



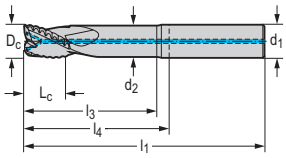
– Long reach





	P	M	K	N	S	H	O
WJ30DD (NHC)				●●			
WJ30UU (uncoated)				●●			

DIN 6527 L



DIN 6535 HA

Designation	D_c h9	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5	Z	WJ30DD	WJ30UU
★ 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

D1

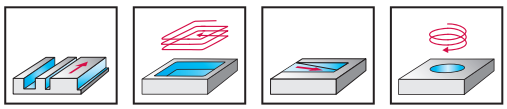
WALTER SELECT

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

Solid carbide shoulder/slot milling cutters

MC268 Advance mm

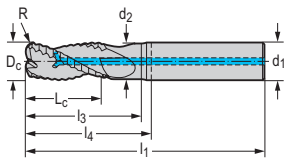




Z=3

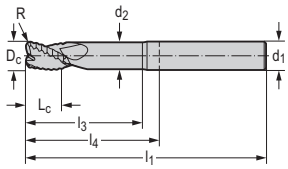


	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			



DIN 6535 HA

Designation	D_c h10	R mm	L_c mm	l_3 mm	d_2 mm	l_4 mm	l_1 mm	d_1 h6	Z	WJ30UU
★ 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	☺



DIN 6535 HA

Designation	D_c h10	R mm	L_c mm	l_3 mm	d_2 mm	l_4 mm	l_1 mm	d_1 h6	Z	WJ30UU
★ 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	☺

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: MC268-16.0A3L200C-WJ30UU

D1

WALTER SELECT

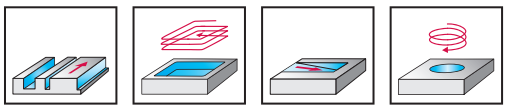
●● Primary application ● Other application

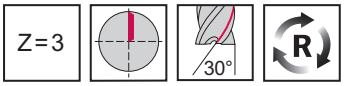
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

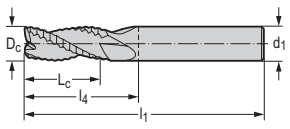
MC268 Advance mm







	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			



DIN 6535 HA

Designation	D_c h10	L_c mm	l_4 mm	l_1 mm	d_1 h6	Z	WJ30UU
★ 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	☺

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

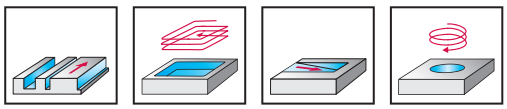
WALTER SELECT

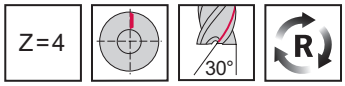
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC268 Advance mm

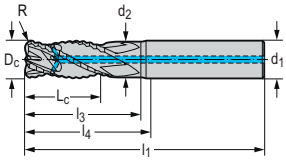






	P	M	K	N	S	H	O
WJ30UU (uncoated)				●●			

P-NORM L



DIN 6535 HA

Designation	D_c h10	R mm	L_c mm	l_3 mm	d_2 mm	l_4 mm	l_1 mm	d_1 h6	Z	WJ30UU
★ 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

D1

WALTER SELECT

●● Primary application ● Other application

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

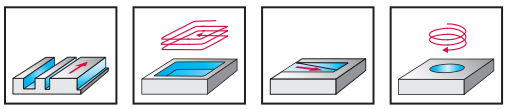
Solid carbide shoulder/slot milling cutters

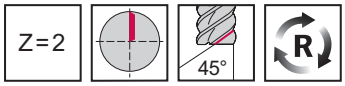
H602551 mm

Protostar®



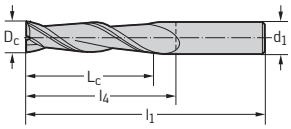
– Type AI 45, long





	P	M	K	N	S	H	O
uncoated				●●			

PWZ-NORM L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
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

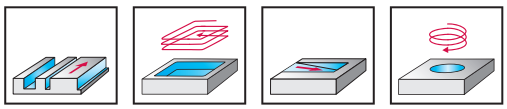
Solid carbide shoulder/slot milling cutters

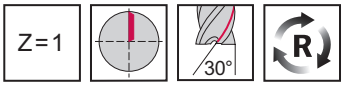
H901451 mm

Protostar®



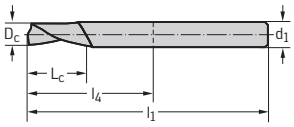
– Type Al 30





	P	M	K	N	S	H	O
uncoated				●●			

DIN 6527 L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
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

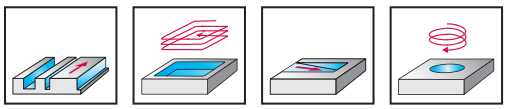
Solid carbide shoulder/slot milling cutters

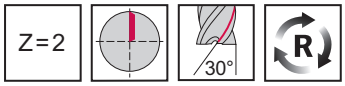
H901411 mm

Protostar®



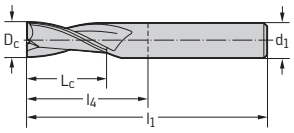
– Type AI 30





	P	M	K	N	S	H	O
uncoated				●●			

DIN 6527 L



DIN 6535 HA

Designation	D_c h10	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

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

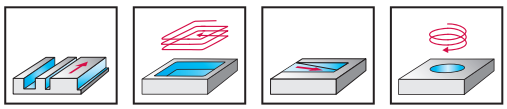
Solid carbide shoulder/slot milling cutters

H602641 mm

Protostar®



– Type AI 25

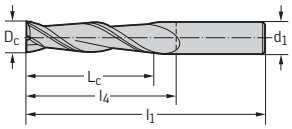


Z=2



	P	M	K	N	S	H	O
uncoated				●●			

PWZ-NORM L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
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

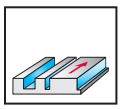
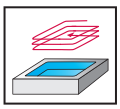
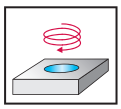
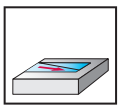
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

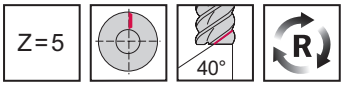
Solid carbide shoulder/slot milling cutter

MD377 Supreme mm




– Long reach
– Type HPC Ti40

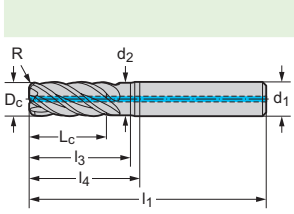







	P	M	K	N	S	H	O
WK40TZ (AlTiN+ZrN)		●			●●		

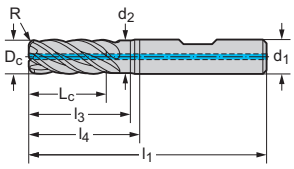
DIN 6527 L

Designation	D_c h9	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TZ
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	☺
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	☺



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TZ
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	☺
MD377-25.0W5B300C-	25	3	45	63	23.8	121	65	25	5	☺
MD377-25.0W5B400C-	25	4	45	63	23.8	121	65	25	5	☺



DIN 6535 HB

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

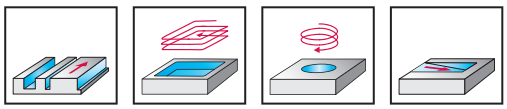
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

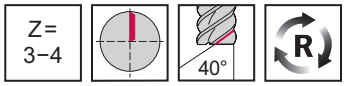
Solid carbide shoulder/slot milling cutter

MC377 Advance mm



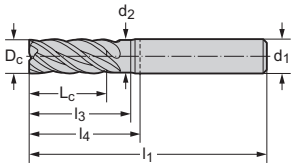
– Long reach
– Type Ti 40





	P	M	K	N	S	H	O
WK40EA (AlCrN)	●	●			●●		

DIN 6527 L



DIN 6535 HA

Designation	D_c h9	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5	Z	WK40EA
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

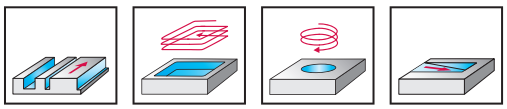
●● Primary application ● Other application
Best tool for → Good = → Average = → Poor = machining conditions

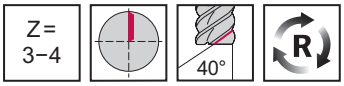
Solid carbide shoulder/slot milling cutter

MC377 Advance mm



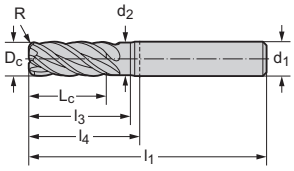
– Long reach
– Type Ti 40





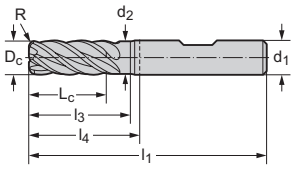
	P	M	K	N	S	H	O
WK40EA (AlCrN)	●	●			●●		

DIN 6527 L



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5	Z	WK40EA
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	☺



DIN 6535 HB

Designation	D_c h9	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5	Z	WK40EA
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

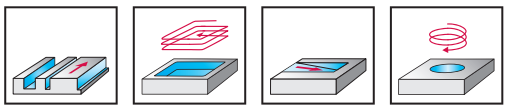
WALTER SELECT

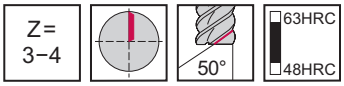
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutter

MC388 Advance mm

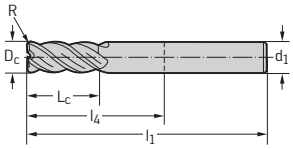






	P	M	K	N	S	H	O
WB10TG (TiAlSiN)	●					●●	

DIN 6527 L



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WB10TG
MC388-02.0A3B050-	2	0.5	7	57	21	6	3	☺
MC388-03.0A3B050-	3	0.5	8	57	21	6	3	☺
MC388-04.0A3B050-	4	0.5	11	57	21	6	3	☺
MC388-04.0A3B100-	4	1	11	57	21	6	3	☺
MC388-05.0A3B050-	5	0.5	13	57	21	6	3	☺
MC388-05.0A3B100-	5	1	13	57	21	6	3	☺
MC388-06.0A4L050-	6	0.5	13	65	29	6	4	☺
MC388-06.0A4L100-	6	1	13	65	29	6	4	☺
MC388-08.0A4L050-	8	0.5	19	80	44	8	4	☺
MC388-08.0A4L100-	8	1	19	80	44	8	4	☺
MC388-08.0A4L200-	8	2	19	80	44	8	4	☺
MC388-10.0A4L050-	10	0.5	22	100	60	10	4	☺
MC388-10.0A4L100-	10	1	22	100	60	10	4	☺
MC388-10.0A4L200-	10	2	22	100	60	10	4	☺
MC388-12.0A4L050-	12	0.5	26	100	55	12	4	☺
MC388-12.0A4L100-	12	1	26	100	55	12	4	☺
MC388-12.0A4L200-	12	2	26	100	55	12	4	☺
MC388-12.0A4L300-	12	3	26	100	55	12	4	☺

Slot milling $a_p \leq 0.9 \times D_c$
Shoulder milling $a_e \leq 0.3 \times D_a$
Ordering example for the grade WB10TG: MC388-02.0A3B050-WB10TG

D1

WALTER SELECT

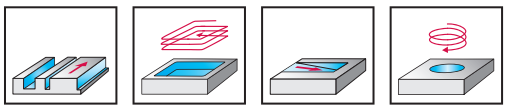
●● Primary application ● Other application

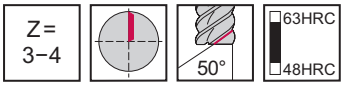
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutter

MC388 Advance inch

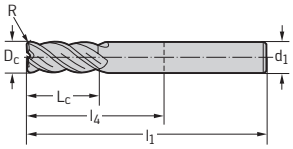






	P	M	K	N	S	H	O
WB10TG (TiAlSiN)	●					●●	

PWZ-NORM L



Cylindrical shank

Designation	D_c h10	R inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WB10TG
MC388.3.18A3L038-	0.125	0.015	0.500	2.500	1.083	0.250	3	☻
MC388.9.53A4L076-	0.375	0.030	0.875	3.000	1.437	0.375	4	☻
MC388.12.7A4L076-	0.500	0.030	1.000	3.500	1.717	0.500	4	☻

Slot milling $a_p \leq 0.9 \times D_c$
Shoulder milling $a_e \leq 0.3 \times D_a$
Ordering example for the grade WB10TG: MC388.12.7A4L076-WB10TG

D1

WALTER SELECT

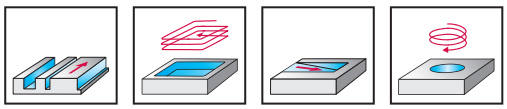
●● Primary application ● Other application

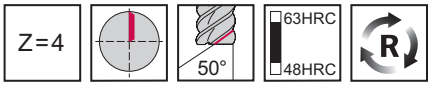
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutter

MC388 Advance mm







	P	M	K	N	S	H	O
WB10TG (TiAlSiN)	●					●●	

DIN 6527 L

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WB10TG
DIN 6535 HA							
MC388-06.0A4B-	6	13	57	21	6	4	☺
MC388-08.0A4B-	8	19	63	27	8	4	☺
MC388-10.0A4B-	10	22	72	32	10	4	☺
MC388-12.0A4B-	12	26	83	38	12	4	☺
DIN 6535 HB							
MC388-06.0W4B-	6	13	57	21	6	4	☺
MC388-08.0W4B-	8	19	63	27	8	4	☺
MC388-10.0W4B-	10	22	72	32	10	4	☺
MC388-12.0AWB-	12	26	83	38	12	4	☺

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

D1

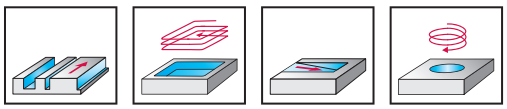
WALTER SELECT

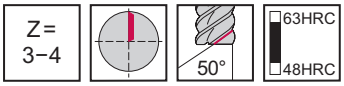
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutter

MC388 Advance mm

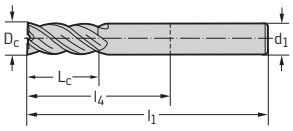






	P	M	K	N	S	H	O
WB10TG (TiAlSiN)	●					●●	

DIN 6527 L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WB10TG
MC388-02.0A3B-	2	7	57	21	6	3	☺
MC388-03.0A3B-	3	8	57	21	6	3	☺
MC388-04.0A3B-	4	11	57	21	6	3	☺
MC388-05.0A3B-	5	13	57	21	6	3	☺
MC388-06.0A4L-	6	13	65	29	6	4	☺
MC388-08.0A4L-	8	19	80	44	8	4	☺
MC388-10.0A4L-	10	22	100	60	10	4	☺
MC388-12.0A4L-	12	26	100	55	12	4	☺

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

D1

WALTER SELECT

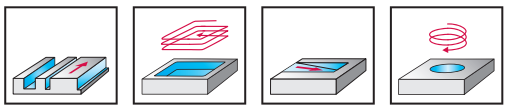
●● Primary application ● Other application

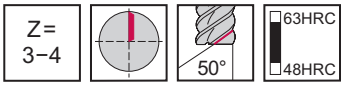
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutter

MC388 Advance inch

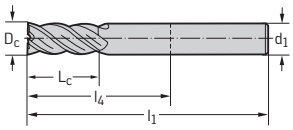






	P	M	K	N	S	H	O
WB10TG (TiAlSiN)	●					●●	

PWZ-NORM L



Cylindrical shank

Designation	D_c h10	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WB10TG
MC388.3.18A3L-	0.125	0.500	2.500	1.083	0.250	3	☺
MC388.6.35A4L-	0.250	0.750	2.500	1.083	0.250	4	☺
MC388.9.53A4L-	0.375	0.875	3.000	1.437	0.375	4	☺
MC388.12.7A4L-	0.500	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

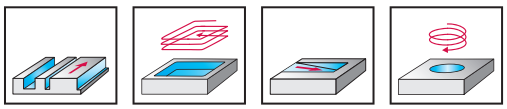
Solid carbide shoulder/slot milling cutters

H8015828 mm

Protostar® Ultra



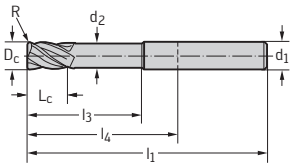
– Long reach
– Type HSC 30





	P	M	K	N	S	H	O
TAX						●●	

PWZ-NORM L



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z
H8015828-4-0.4-16	4	0.4	4	16	3.9	75	39	6	4
H8015828-4-0.4-24	4	0.4	4	24	3.9	75	39	6	4
H8015828-5-0.5-20	5	0.5	5	20	4.9	75	39	6	4
H8015828-5-0.5-30	5	0.5	5	30	4.9	75	39	6	4
H8015828-6-0.2-24	6	0.2	6	24	5.9	75	39	6	4
H8015828-6-0.2-35	6	0.2	6	35	5.9	75	39	6	4
H8015828-6-0.5-24	6	0.5	6	24	5.9	75	39	6	4
H8015828-6-0.5-35	6	0.5	6	35	5.9	75	39	6	4
H8015828-8-0.5-29	8	0.5	8	29	7.9	80	44	8	4
H8015828-8-0.5-43	8	0.5	8	43	7.9	80	44	8	4
H8015828-8-1.0-29	8	1	8	29	7.9	80	44	8	4
H8015828-8-1.0-43	8	1	8	43	7.9	80	44	8	4
H8015828-10-0.3-35	10	0.3	10	35	9.9	100	60	10	4
H8015828-10-0.5-35	10	0.5	10	35	9.9	100	60	10	4
H8015828-10-0.5-59	10	0.5	10	59	9.9	100	60	10	4
H8015828-10-1.0-35	10	1	10	35	9.9	100	60	10	4
H8015828-10-1.5-35	10	1.5	10	35	9.9	100	60	10	4
H8015828-12-0.5-36	12	0.5	12	36	11.8	100	55	12	4
H8015828-12-0.5-54	12	0.5	12	54	11.8	100	55	12	4
H8015828-12-1.0-36	12	1	12	36	11.8	100	55	12	4
H8015828-12-1.5-36	12	1.5	12	36	11.8	100	55	12	4
H8015828-12-1.5-54	12	1.5	12	54	11.8	100	55	12	4
H8015828-12-2.0-36	12	2	12	36	11.8	100	55	12	4
H8015828-12-2.0-54	12	2	12	54	11.8	100	55	12	4
H8015828-16-2.0-42	16	2	16	42	15.8	115	67	16	4

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

D1

WALTER SELECT

●● Primary application ● Other application

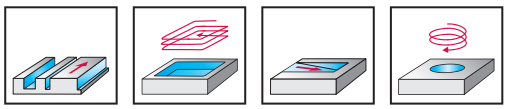
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutter

MC281 Advance mm



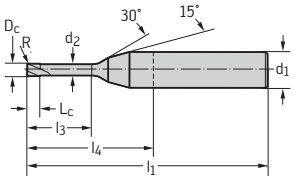
– Long reach





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

PWZ-NORM MINI



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WB10TG
MC281-01.0A2M020B-	1	0.2	1	2	1	50	22	4	2	☺
MC281-01.0A2M020F-	1	0.2	1	6	1	50	22	4	2	☺
MC281-01.0A2M020H-	1	0.2	1	10	1	50	22	4	2	☺
MC281-1.25A2M020D-	1.25	0.2	1.25	5	1.2	50	22	4	2	☺
MC281-01.5A2M020C-	1.5	0.2	1.5	4	1.5	50	22	4	2	☺
MC281-01.5A2M020E-	1.5	0.2	1.5	8	1.5	50	22	4	2	☺
MC281-01.5A2M020G-	1.5	0.2	1.5	12	1.5	50	22	4	2	☺
MC281-02.0A2M020B-	2	0.2	2	4	2	50	22	4	2	☺
MC281-02.0A2M020C-	2	0.2	2	6	2	50	22	4	2	☺
MC281-02.0A2M020F-	2	0.2	2	12	2	50	22	4	2	☺
MC281-02.0A2M020G-	2	0.2	2	16	2	50	22	4	2	☺
MC281-03.0A2M020C-	3	0.2	3	8	3	50	22	4	2	☺
MC281-03.0A2M020E-	3	0.2	3	16	3	50	22	4	2	☺
MC281-03.0A2M020F-	3	0.2	3	20	3	60	32	4	2	☺
MC281-04.0A2M050C-	4	0.5	4	12	4	65	29	6	2	☺
MC281-04.0A2M050E-	4	0.5	4	20	4	65	29	6	2	☺

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

D1

WALTER SELECT

●● Primary application ● Other application

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

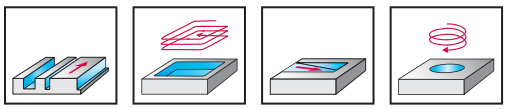
Solid carbide shoulder/slot milling cutters

H8005828 mm

Protostar® Ultra



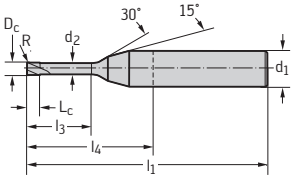
– Long reach
– Type HSC 30





	P	M	K	N	S	H	O
TAX						●●	

PWZ-NORM MINI



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 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

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

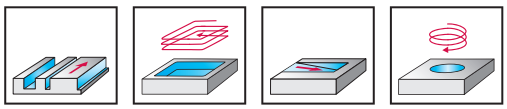
Solid carbide shoulder/slot milling cutters

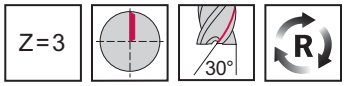
H3027419 mm

Protostar®



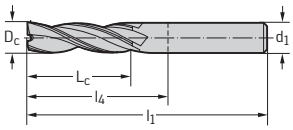
– Type 30





	P	M	K	N	S	H	O
DIA							●●

PWZ-NORM L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z
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

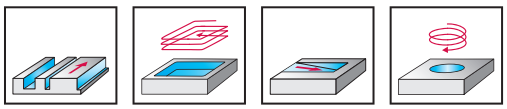
Solid carbide shoulder/slot milling cutters

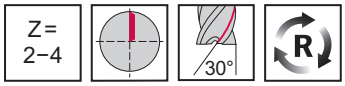
H8095919 mm

Protostar®



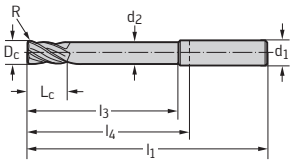
– Long reach
– Type HSC 30





	P	M	K	N	S	H	O
DIA							●●

PWZ-NORM XL



DIN 6535 HA

Designation	D_c h8 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z
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

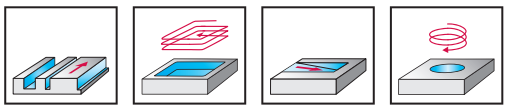
Solid carbide shoulder/slot milling cutters

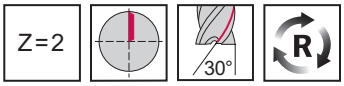
H4044919 mm

Protostar®



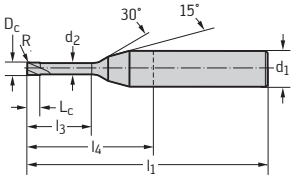
– Long reach
– Type HSC 30, mini





	P	M	K	N	S	H	O
DIA							●●

PWZ-NORM MINI



DIN 6535 HA

Designation	D_c h8	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z
H4044919-0.6-9	0.6	0.05	0.6	9	0.6	38	10	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

WALTER SELECT

●● Primary application ● Other application

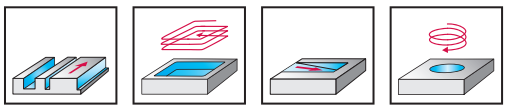
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

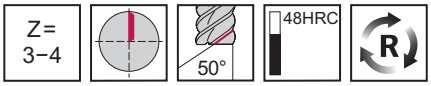
Solid carbide shoulder/slot milling cutters

MC326 Supreme mm



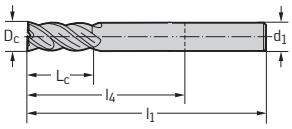
– Type N 50





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

PWZ-NORM L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
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

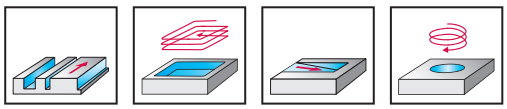
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

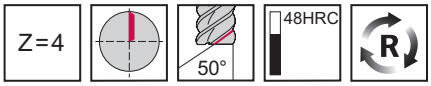
Solid carbide shoulder/slot milling cutters

MC326 Supreme mm




– Type N 50

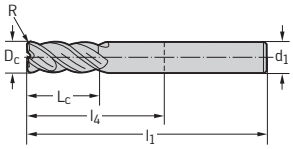




	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

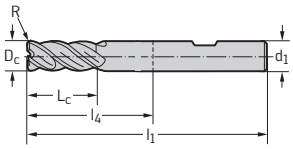
DIN 6527 L

Designation	D_c h9	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
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	



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
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	



DIN 6535 HB

Slot milling $a_p \leq 0.9 \times D_c$
Shoulder milling $a_e \leq 0.3 \times D_c$
Ordering example for the grade WK40TF: MC326-06.0A4B100-WK40TF

D1

WALTER SELECT

●● Primary application ● Other application

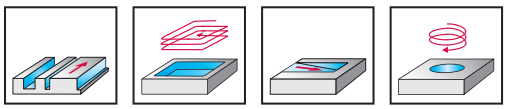
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

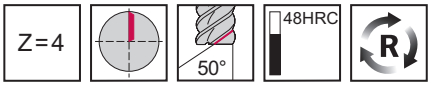
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



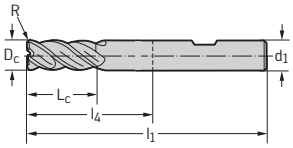
– Type N 50





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

STANDARD



DIN 6535 HB

Designation	D_c h9	R inch	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WK40TF
MC326.6.35W4D102-	0.250	0.040	0.750	3.000	1.437	0.375	4	😐
MC326.7.94W4D203-	0.313	0.080	0.812	3.000	1.437	0.375	4	😐
MC326.9.53W4D203-	0.375	0.080	0.875	3.000	1.437	0.375	4	🙂
MC326.11.1W4D203-	0.438	0.080	1.000	3.500	1.717	0.500	4	🙂
MC326.12.7W4D305-	0.500	0.120	1.000	3.500	1.717	0.500	4	😐
MC326.15.9W4D318-	0.625	0.125	1.250	3.500	1.594	0.625	4	🙂
MC326.15.9W4D406-	0.625	0.160	1.250	3.500	1.594	0.625	4	🙂
MC326.19.1W4D318-	0.750	0.125	1.500	4.000	1.969	0.750	4	🙂
MC326.19.1W4D406-	0.750	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

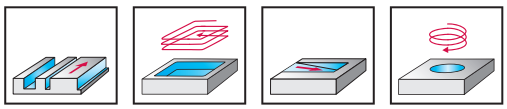
●● Primary application ● Other application
Best tool for → Good = 🙂 → Average = 😐 → Poor = 😠 machining conditions

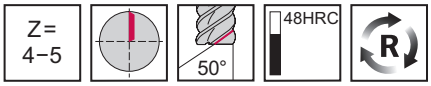
Solid carbide shoulder/slot milling cutters

MC326 Supreme mm



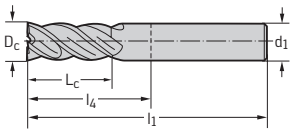
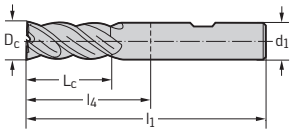
– Type N 50





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

DIN 6527 L

	Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 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

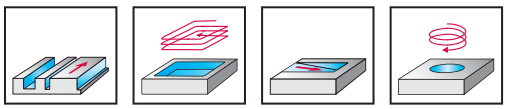
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

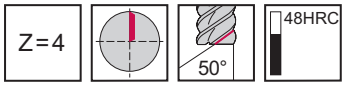
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



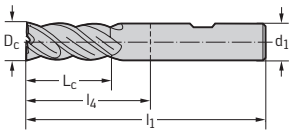
– Type N 50





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

STANDARD



DIN 6535 HB

Designation	D_c h10	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WK40TF
MC326.6.35W4D-	0.250	0.750	3.000	1.437	0.375	4	☹
MC326.7.94W4D-	0.313	0.812	3.000	1.437	0.375	4	☹
MC326.9.53W4D-	0.375	0.875	3.000	1.437	0.375	4	☹
MC326.11.1W4D-	0.438	1.000	3.500	1.717	0.500	4	☹
MC326.12.7W4D-	0.500	1.000	3.500	1.717	0.500	4	☹
MC326.15.9W4D-	0.625	1.250	3.500	1.594	0.625	4	☹
MC326.19.1W4D-	0.750	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

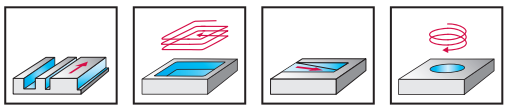
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☠ machining conditions

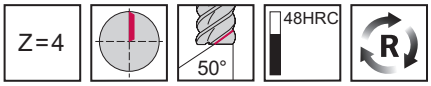
Solid carbide shoulder/slot milling cutters

MC326 Supreme mm



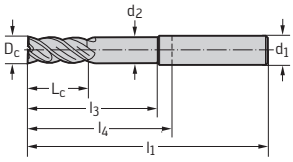
– Long reach
– Type N 50



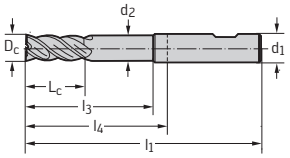


	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

DIN 6527 L



DIN 6535 HA



DIN 6535 HB

Designation	D_c h10	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
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	☺
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

WALTER SELECT

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

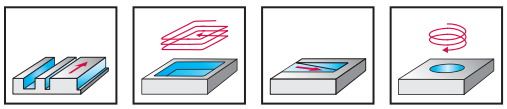
D1

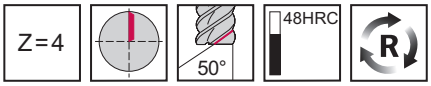
Solid carbide shoulder/slot milling cutters

MC326 Supreme mm



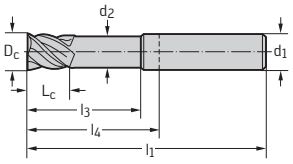
– Long reach
– Type N 50





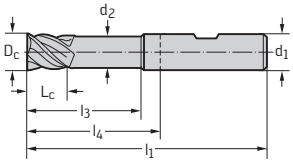
	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

DIN 6527 L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
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	☺



DIN 6535 HB

Designation	D_c h10	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
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

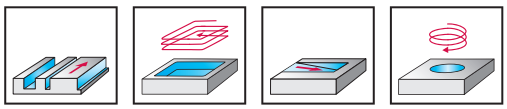
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

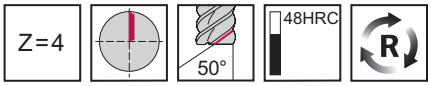
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



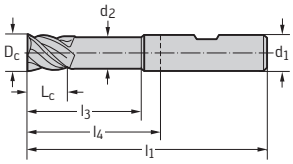
– Long reach
– Type N 50





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

STANDARD



DIN 6535 HB

Designation	D_c h10	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 inch	Z	WK40TF
MC326.6.35W4DCJ-	0.250	0.250	0.875	0.237	3.000	1.437	0.375	4	☺
MC326.7.94W4DCJ-	0.313	0.313	1.000	0.297	3.000	1.437	0.375	4	☺
MC326.9.53W4DCJ-	0.375	0.375	1.000	0.356	3.000	1.437	0.375	4	☺
MC326.12.7W4DCJ-	0.500	0.500	1.375	0.475	3.500	1.717	0.500	4	☺
MC326.15.9W4DCJ-	0.625	0.625	1.500	0.594	3.500	1.594	0.625	4	☺
MC326.19.1W4DCJ-	0.750	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

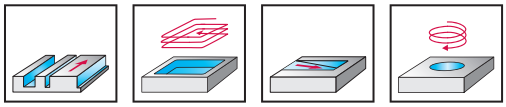
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

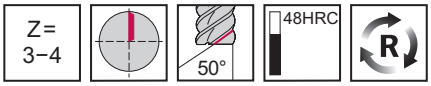
Solid carbide shoulder/slot milling cutters

MC326 Supreme mm



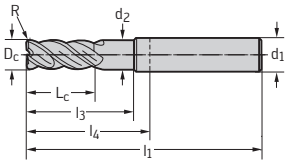
– Long reach
– Type N 50





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

DIN 6527 L



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
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	😐
MC326-20.0A4B100C-	20	1	38	52	19	104	54	20	4	😊

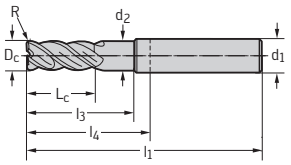
Slot milling $a_p \leq 0.9 \times D_c$
Shoulder milling $a_e \leq 0.3 \times D_c$
Ordering example for the grade WK40TF: MC326-02.0A3B020C-WK40TF

WALTER SELECT

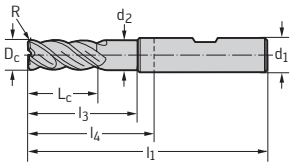
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😠 machining conditions

D1

DIN 6527 L



DIN 6535 HA



DIN 6535 HB

Designation	D_c h9 mm	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
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	☺
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

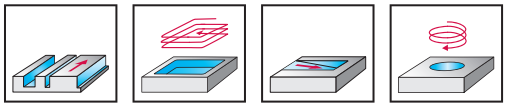
D1

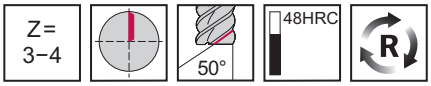
Solid carbide shoulder/slot milling cutters

MC326 Supreme mm



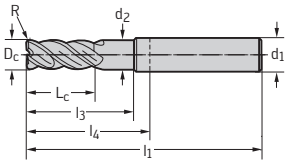
– Long reach
– Type N 50, long





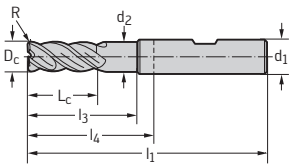
	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

PWZ-NORM L



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
MC326-04.0A3L100C-	4	1	11	15	3.8	57	21	6	3	☹
MC326-05.0A3L100C-	5	1	13	16	4.8	57	21	6	3	☹
MC326-06.0A4L050C-	6	0.5	13	27	5.7	65	29	6	4	☹
MC326-06.0A4L100C-	6	1	13	27	5.7	65	29	6	4	☹
MC326-08.0A4L050C-	8	0.5	19	42	7.6	80	44	8	4	☺
MC326-08.0A4L100C-	8	1	19	42	7.6	80	44	8	4	☺
MC326-08.0A4L200C-	8	2	19	42	7.6	80	44	8	4	☹
MC326-10.0A4L050C-	10	0.5	22	58	9.5	100	60	10	4	☺
MC326-10.0A4L100C-	10	1	22	58	9.5	100	60	10	4	☺
MC326-10.0A4L200C-	10	2	22	58	9.5	100	60	10	4	☺
MC326-12.0A4L050C-	12	0.5	26	53	11.4	100	55	12	4	☺
MC326-12.0A4L100C-	12	1	26	53	11.4	100	55	12	4	☺
MC326-12.0A4L300C-	12	3	26	53	11.4	100	55	12	4	☹
MC326-14.0A4L050C-	14	0.5	26	57	13.3	104	59	14	4	☺
MC326-14.0A4L100C-	14	1	26	57	13.3	104	59	14	4	☺
MC326-14.0A4L300C-	14	3	26	57	13.3	104	59	14	4	☹
MC326-16.0A4L050C-	16	0.5	32	65	15.2	115	67	16	4	☺
MC326-16.0A4L100C-	16	1	32	65	15.2	115	67	16	4	☺
MC326-16.0A4L200C-	16	2	32	65	15.2	115	67	16	4	☹
MC326-16.0A4L300C-	16	3	32	65	15.2	115	67	16	4	☹
MC326-16.0A4L400C-	16	4	32	65	15.2	115	67	16	4	☹
MC326-20.0A4L100C-	20	1	38	73	19	125	75	20	4	☹
MC326-20.0A4L200C-	20	2	38	73	19	125	75	20	4	☹
MC326-20.0A4L300C-	20	3	38	73	19	125	75	20	4	☹
MC326-20.0A4L400C-	20	4	38	73	19	125	75	20	4	☹



DIN 6535 HB

Designation	D_c h9	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
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	☹
MC326-10.0W4L200C-	10	2	22	58	9.5	100	60	10	4	☹

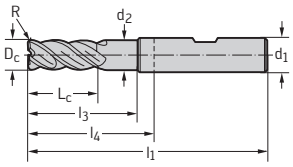
Slot milling $a_p \leq 0.9 \times D_c$
Shoulder milling $a_e \leq 0.3 \times D_c$
Ordering example for the grade WK40TF: MC326-04.0A3L100C-WK40TF

WALTER SELECT

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

D1

PWZ-NORM L



DIN 6535 HB

Designation	D_c h9	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
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

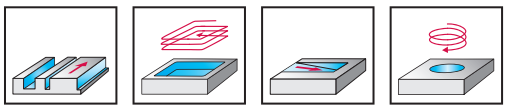
D1

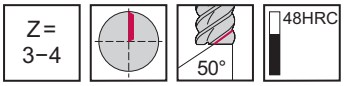
Solid carbide shoulder/slot milling cutters

MC326 Supreme mm



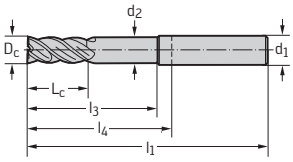
– Long reach
– Type N 50, long





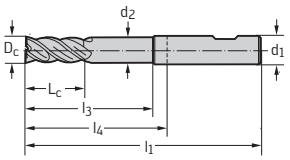
	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

PWZ-NORM L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
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

Designation	D_c h10	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
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

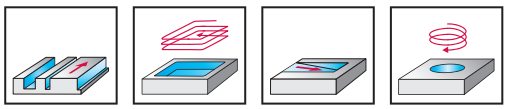
●● Primary application ● Other application
Best tool for → Good = 🙂 → Average = 😐 → Poor = 😠 machining conditions

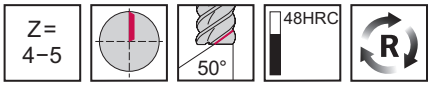
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



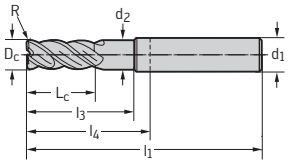
– Long reach
– Type N 50





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

PWZ-NORM L



Cylindrical shank

Designation	D_c h9	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 inch	Z	WK40TF
MC326.3.18A4L051C-	0.125	0.020	0.500	1.188	0.119	3.000	1.583	0.250	3	☺
MC326.4.76A4L051C-	0.188	0.020	0.625	1.125	0.178	3.000	1.583	0.250	3	☺
MC326.6.35A4L076C-	0.250	0.030	0.750	1.375	0.237	3.000	1.583	0.250	4	☺
MC326.6.35A4L102C-	0.250	0.040	0.750	1.375	0.237	3.000	1.583	0.250	4	☺
MC326.7.94A4L076C-	0.313	0.030	0.812	1.500	0.297	3.500	1.937	0.375	4	☺
MC326.7.94A4L203C-	0.313	0.080	0.812	1.500	0.297	3.500	1.937	0.375	4	☺
MC326.9.53A4L076C-	0.375	0.030	0.875	1.500	0.356	3.500	1.937	0.375	4	☺
MC326.9.53A4L152C-	0.375	0.060	0.875	1.500	0.356	3.500	1.937	0.375	4	☺
MC326.9.53A4L203C-	0.375	0.080	0.875	1.500	0.356	3.500	1.937	0.375	4	☺
MC326.12.7A4L076C-	0.500	0.030	1.000	2.875	0.475	4.750	2.967	0.500	4	☺
MC326.12.7A4L152C-	0.500	0.060	1.000	2.875	0.475	4.750	2.967	0.500	4	☺
MC326.12.7A4L305C-	0.500	0.120	1.000	2.875	0.475	4.750	2.967	0.500	4	☺
MC326.15.9A4L076C-	0.625	0.030	1.250	3.000	0.594	5.000	3.217	0.625	4	☺
MC326.15.9A4L152C-	0.625	0.060	1.250	3.000	0.594	5.000	3.217	0.625	4	☺
MC326.15.9A4L318C-	0.625	0.125	1.250	3.000	0.594	5.000	3.094	0.625	4	☺
MC326.19.1A4L152C-	0.750	0.060	1.500	3.000	0.713	5.250	3.218	0.750	4	☺
MC326.19.1A4L318C-	0.750	0.125	1.500	3.000	0.713	5.250	3.218	0.750	4	☺
MC326.19.1A4L406C-	0.750	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

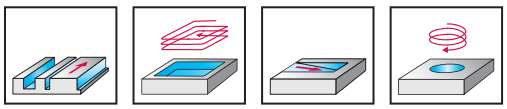
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

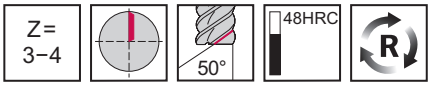
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch



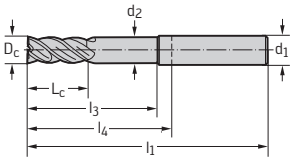
– Long reach
– Type N 50





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

LONG



Cylindrical shank

Designation	D_c h10	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WK40TF
MC326.3.18A4LC-	0.125	0.500	3.000	1.583	0.250	3	☺
MC326.4.76A4LC-	0.188	0.625	3.000	1.583	0.250	3	☺
MC326.6.35A4LC-	0.250	0.750	3.000	1.583	0.250	4	☺
MC326.7.94A4LC-	0.313	0.812	3.250	1.833	0.375	4	😐
MC326.9.53A4LC-	0.375	0.875	3.250	1.833	0.375	4	😐
MC326.11.1A4LC-	0.438	1.000	4.750	2.967	0.500	4	☺
MC326.12.7A4LC-	0.500	1.000	4.750	2.967	0.500	4	😐
MC326.15.9A4LC-	0.625	1.250	5.000	3.094	0.625	4	😐
MC326.19.1A4LC-	0.750	1.500	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

D1

WALTER SELECT

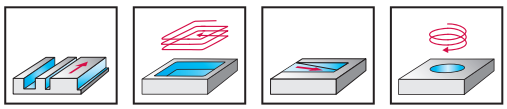
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

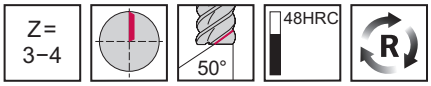
Solid carbide shoulder/slot milling cutters

MC326 Supreme mm



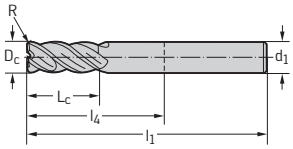
– Type N 50





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

PWZ-NORM L



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
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

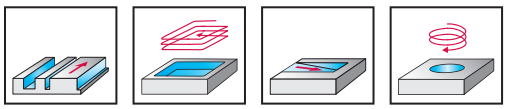
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

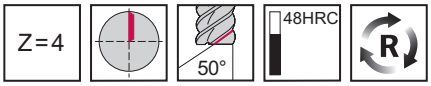
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch

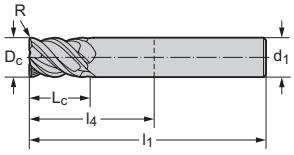


– Type N 50





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		



Cylindrical shank

Designation	D_c inch	R inch	L_c inch	l_1 inch	l_4 inch	d_1 h6	Z	WK40TF
MC326.6.35A4C038-	0,250	0,015	0,375	2,000	0,583	0,250	4	☺
MC326.6.35A4C076-	0,250	0,030	0,375	2,000	0,583	0,250	4	☺
MC326.7.94A4C076-	0,313	0,030	0,500	2,500	0,937	0,312	4	☺
MC326.9.53A4C038-	0,375	0,015	0,500	2,500	0,937	0,375	4	☺
MC326.9.53A4C076-	0,375	0,030	0,500	2,500	0,937	0,375	4	☺
MC326.12.7A4C038-	0,500	0,015	0,625	3,000	1,217	0,500	4	☺
MC326.12.7A4C076-	0,500	0,030	0,625	3,000	1,217	0,500	4	☺
MC326.15.9A4C076-	0,625	0,030	0,750	3,000	1,094	0,625	4	☺
MC326.15.9A4C152-	0,625	0,060	0,750	3,000	1,094	0,625	4	☺

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

D1

WALTER SELECT

●● Primary application ● Other application

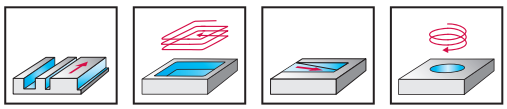
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

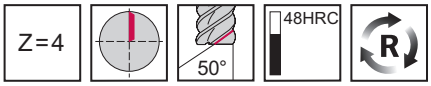
Solid carbide shoulder/slot milling cutters

MC326 Supreme inch

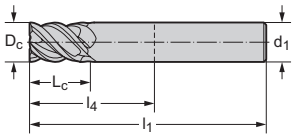


– Type N 50





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		



Cylindrical shank

Designation	D_c inch	L_c inch	l_1 inch	l_4 inch	d_1 h6	Z	WK40TF
MC326.6.35A4C-	0,250	0,375	2,000	0,583	0,250	4	
MC326.7.94A4C-	0,313	0,500	2,500	0,937	0,312	4	
MC326.9.53A4C-	0,375	0,500	2,500	0,937	0,375	4	
MC326.12.7A4C-	0,500	0,625	3,000	1,217	0,500	4	
MC326.15.9A4C-	0,625	0,750	3,000	1,094	0,625	4	

Slot milling $a_p \leq 0.9 \times D_c$
Shoulder milling $a_e \leq 0.3 \times D_c$
Ordering example for the grade WK40TF: MC326.12.7A4C-WK40TF

D1

WALTER SELECT

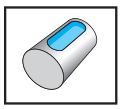
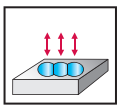
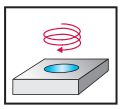
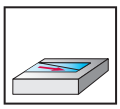
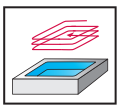
●● Primary application ● Other application
Best tool for → Good = → Average = → Poor = machining conditions

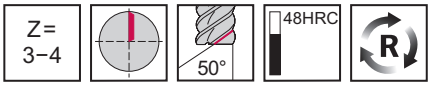
Solid carbide routing cutters

MC726 Supreme mm




– Type N 50

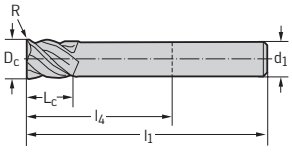








	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

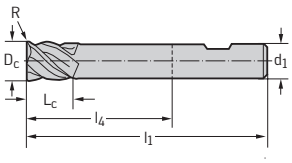
DIN 6527 K

Designation	D_c e8 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
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	😐



DIN 6535 HA

Designation	D_c e8 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
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	🙂



DIN 6535 HB

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

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 🙂 → Average = 😐 → Poor = 😠 machining conditions

D1

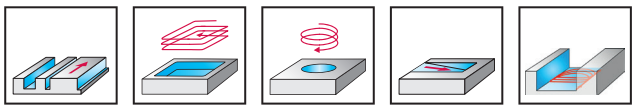
Solid carbide shoulder/slot milling cutters

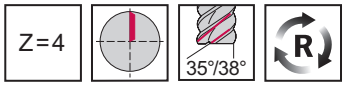
MC230 Advance mm

Xill·tec™



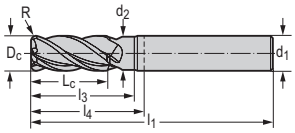

– Long reach





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●	●	●		

DIN 6527 L



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5	Z	WK40TF
MC230-02.0A4B020C-	2	0.2	7	11	1.9	57	21	6	4	☺
MC230-03.0A4B030C-	3	0.3	8	12	2.9	57	21	6	4	☺
MC230-03.0A4B050C-	3	0.5	8	12	2.9	57	21	6	4	☺
MC230-04.0A4B020C-	4	0.2	11	15	3.8	57	21	6	4	☺
MC230-04.0A4B050C-	4	0.5	11	15	3.8	57	21	6	4	☺
MC230-05.0A4B050C-	5	0.5	13	18	4.8	57	21	6	4	☺
MC230-05.0A4B100C-	5	1	13	18	4.8	57	21	6	4	☺
MC230-06.0A4B050C-	6	0.5	13	19	5.7	57	21	6	4	☺
MC230-06.0A4B080C-	6	0.8	13	19	5.7	57	21	6	4	☺
MC230-06.0A4B100C-	6	1	13	19	5.7	57	21	6	4	☺
MC230-08.0A4B050C-	8	0.5	19	25	7.6	63	27	8	4	☺
MC230-08.0A4B080C-	8	0.8	19	25	7.6	63	27	8	4	☺
MC230-08.0A4B100C-	8	1	19	25	7.6	63	27	8	4	☺
MC230-08.0A4B150C-	8	1.5	19	25	7.6	63	27	8	4	☺
MC230-08.0A4B200C-	8	2	19	25	7.6	63	27	8	4	☺
MC230-10.0A4B050C-	10	0.5	22	30	9.5	72	32	10	4	☺
MC230-10.0A4B080C-	10	0.8	22	30	9.5	72	32	10	4	☺
MC230-10.0A4B100C-	10	1	22	30	9.5	72	32	10	4	☺
MC230-10.0A4B150C-	10	1.5	22	30	9.5	72	32	10	4	☺
MC230-10.0A4B200C-	10	2	22	30	9.5	72	32	10	4	☺
MC230-12.0A4B050C-	12	0.5	26	36	11.4	83	38	12	4	☺
MC230-12.0A4B080C-	12	0.8	26	36	11.4	83	38	12	4	☺
MC230-12.0A4B100C-	12	1	26	36	11.4	83	38	12	4	☺
MC230-12.0A4B150C-	12	1.5	26	36	11.4	83	38	12	4	☺
MC230-12.0A4B200C-	12	2	26	36	11.4	83	38	12	4	☺
MC230-12.0A4B250C-	12	2.5	26	36	11.4	83	38	12	4	☺
MC230-12.0A4B300C-	12	3	26	36	11.4	83	38	12	4	☺
MC230-16.0A4B050C-	16	0.5	32	42	15.2	92	44	16	4	☺
MC230-16.0A4B100C-	16	1	32	42	15.2	92	44	16	4	☺
MC230-16.0A4B200C-	16	2	32	42	15.2	92	44	16	4	☺
MC230-16.0A4B250C-	16	2.5	32	42	15.2	92	44	16	4	☺
MC230-16.0A4B300C-	16	3	32	42	15.2	92	44	16	4	☺
MC230-16.0A4B400C-	16	4	32	42	15.2	92	44	16	4	☺
MC230-20.0A4B050C-	20	0.5	38	52	19	104	54	20	4	☺
MC230-20.0A4B100C-	20	1	38	52	19	104	54	20	4	☺

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

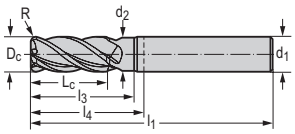
WALTER SELECT

●● Primary application ● Other application

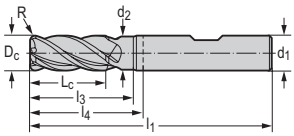
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

D1

DIN 6527 L



DIN 6535 HA



DIN 6535 HB

Designation	D_c h9	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5	Z	WK40TF
MC230-20.0A4B200C-	20	2	38	52	19	104	54	20	4	
MC230-20.0A4B250C-	20	2.5	38	52	19	104	54	20	4	
MC230-20.0A4B300C-	20	3	38	52	19	104	54	20	4	
MC230-20.0A4B400C-	20	4	38	52	19	104	54	20	4	
MC230-05.0W4B050C-	5	0.5	13	18	4.8	57	21	6	4	
MC230-06.0W4B050C-	6	0.5	13	19	5.7	57	21	6	4	
MC230-06.0W4B080C-	6	0.8	13	19	5.7	57	21	6	4	
MC230-06.0W4B100C-	6	1	13	19	5.7	57	21	6	4	
MC230-08.0W4B050C-	8	0.5	19	25	7.6	63	27	8	4	
MC230-08.0W4B080C-	8	0.8	19	25	7.6	63	27	8	4	
MC230-08.0W4B100C-	8	1	19	25	7.6	63	27	8	4	
MC230-08.0W4B150C-	8	1.5	19	25	7.6	63	27	8	4	
MC230-08.0W4B200C-	8	2	19	25	7.6	63	27	8	4	
MC230-10.0W4B050C-	10	0.5	22	30	9.5	72	32	10	4	
MC230-10.0W4B080C-	10	0.8	22	30	9.5	72	32	10	4	
MC230-10.0W4B100C-	10	1	22	30	9.5	72	32	10	4	
MC230-10.0W4B150C-	10	1.5	22	30	9.5	72	32	10	4	
MC230-10.0W4B200C-	10	2	22	30	9.5	72	32	10	4	
MC230-12.0W4B050C-	12	0.5	26	36	11.4	83	38	12	4	
MC230-12.0W4B080C-	12	0.8	26	36	11.4	83	38	12	4	
MC230-12.0W4B100C-	12	1	26	36	11.4	83	38	12	4	
MC230-12.0W4B150C-	12	1.5	26	36	11.4	83	38	12	4	
MC230-12.0W4B200C-	12	2	26	36	11.4	83	38	12	4	
MC230-12.0W4B250C-	12	2.5	26	36	11.4	83	38	12	4	
MC230-12.0W4B300C-	12	3	26	36	11.4	83	38	12	4	
MC230-16.0W4B050C-	16	0.5	32	42	15.2	92	44	16	4	
MC230-16.0W4B100C-	16	1	32	42	15.2	92	44	16	4	
MC230-16.0W4B200C-	16	2	32	42	15.2	92	44	16	4	
MC230-16.0W4B250C-	16	2.5	32	42	15.2	92	44	16	4	
MC230-16.0W4B300C-	16	3	32	42	15.2	92	44	16	4	
MC230-16.0W4B400C-	16	4	32	42	15.2	92	44	16	4	
MC230-20.0W4B050C-	20	0.5	38	52	19	104	54	20	4	
MC230-20.0W4B100C-	20	1	38	52	19	104	54	20	4	
MC230-20.0W4B200C-	20	2	38	52	19	104	54	20	4	
MC230-20.0W4B250C-	20	2.5	38	52	19	104	54	20	4	
MC230-20.0W4B300C-	20	3	38	52	19	104	54	20	4	
MC230-20.0W4B400C-	20	4	38	52	19	104	54	20	4	
MC230-25.0W4B100C-	25	1	45	63	23.8	121	65	25	4	
MC230-25.0W4B200C-	25	2	45	63	23.8	121	65	25	4	
MC230-25.0W4B300C-	25	3	45	63	23.8	121	65	25	4	
MC230-25.0W4B400C-	25	4	45	63	23.8	121	65	25	4	

Slot milling $a_p \leq 1.0 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WK40TF: MC230-02.0A4B020C-WK40TF

D1

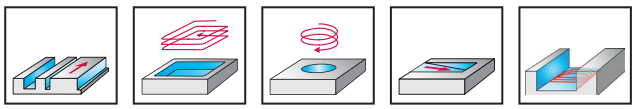
Solid carbide shoulder/slot milling cutters

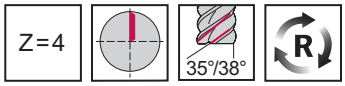
MC230 Advance mm

Xill·tec™




– Long reach

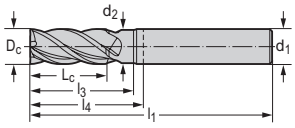




	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●	●	●		

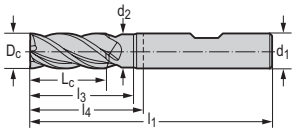
DIN 6527 L

Designation	D_c h10	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5	Z	WK40TF
MC230-02.0A4BC-	2	7	11	1.9	57	21	6	4	☺
MC230-02.5A4BC-	2.5	8	12	2.4	57	21	6	4	☺
MC230-03.0A4BC-	3	8	12	2.9	57	21	6	4	☺
MC230-03.5A4BC-	3.5	10	15	3.3	57	21	6	4	☺
MC230-04.0A4BC-	4	11	15	3.8	57	21	6	4	☺
MC230-04.5A4BC-	4.5	11	18	4.3	57	21	6	4	☺
MC230-05.0A4BC-	5	13	18	4.8	57	21	6	4	☺
MC230-05.5A4BC-	5.5	13	19	5.2	57	21	6	4	☺
MC230-06.0A4BC-	6	13	19	5.7	57	21	6	4	☺
MC230-06.5A4BC-	6.5	16	25	6.2	63	27	8	4	☺
MC230-07.0A4BC-	7	16	25	6.7	63	27	8	4	☺
MC230-08.0A4BC-	8	19	25	7.6	63	27	8	4	☺
MC230-09.0A4BC-	9	19	30	8.6	72	32	10	4	☺
MC230-10.0A4BC-	10	22	30	9.5	72	32	10	4	☺
MC230-12.0A4BC-	12	26	36	11.4	83	38	12	4	☺
MC230-14.0A4BC-	14	26	36	13.3	83	38	14	4	☺
MC230-16.0A4BC-	16	32	42	15.2	92	44	16	4	☺
MC230-18.0A4BC-	18	32	42	17.1	92	44	18	4	☺
MC230-20.0A4BC-	20	38	52	19	104	54	20	4	☺



DIN 6535 HA

Designation	D_c h10	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h5	Z	WK40TF
MC230-02.0W4BC-	2	7	11	1.9	57	21	6	4	☺
MC230-02.5W4BC-	2.5	8	12	2.4	57	21	6	4	☺
MC230-03.0W4BC-	3	8	12	2.9	57	21	6	4	☺
MC230-04.0W4BC-	4	11	15	3.8	57	21	6	4	☺
MC230-05.0W4BC-	5	13	18	4.8	57	21	6	4	☺
MC230-06.0W4BC-	6	13	19	5.7	57	21	6	4	☺
MC230-07.0W4BC-	7	16	25	6.7	63	27	8	4	☺
MC230-08.0W4BC-	8	19	25	7.6	63	27	8	4	☺
MC230-09.0W4BC-	9	19	30	8.6	72	32	10	4	☺
MC230-10.0W4BC-	10	22	30	9.5	72	32	10	4	☺
MC230-12.0W4BC-	12	26	36	11.4	83	38	12	4	☺
MC230-14.0W4BC-	14	26	36	13.3	83	38	14	4	☺
MC230-16.0W4BC-	16	32	42	15.2	92	44	16	4	☺
MC230-18.0W4BC-	18	32	42	17.1	92	44	18	4	☺
MC230-20.0W4BC-	20	38	52	19	104	54	20	4	☺
MC230-25.0W4BC-	25	45	63	23.8	121	65	25	4	☺



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

WALTER SELECT

●● Primary application ● Other application

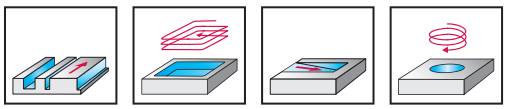
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

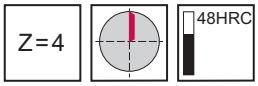
D1

Solid carbide shoulder/slot milling cutters

MC321 Advance inch

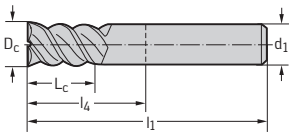






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

STUB



Cylindrical shank

Designation	D_c h11	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30TF
MC321.3.18A4C-	0.125	0.250	2.500	1.083	0.250	4	😊
MC321.4.75A4C-	0.188	0.375	2.500	1.083	0.250	4	😊
MC321.6.35A4C-	0.250	0.500	2.500	1.083	0.250	4	😊
MC321.7.94A4C-	0.313	0.500	2.500	0.937	0.375	4	😊
MC321.9.53A4C-	0.375	0.563	2.500	0.937	0.375	4	😊
MC321.12.7A4C-	0.500	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

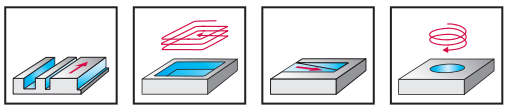
●● Primary application ● Other application

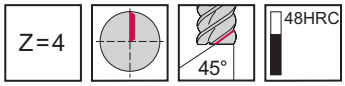
Best tool for → Good = 😊 → Average = 😐 → Poor = 😠 machining conditions

Solid carbide shoulder/slot milling cutters

MC321 Advance mm

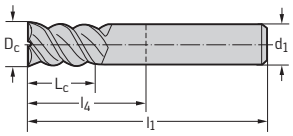






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

DIN 6527 K



DIN 6535 HA

Designation	D_c h11	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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

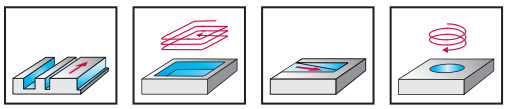
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

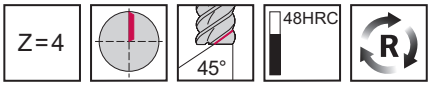
Solid carbide shoulder/slot milling cutters

MC321 Advance mm



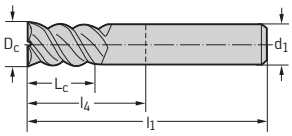
– Type N 45





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM S



DIN 6535 HA

Designation	D_c h11	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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

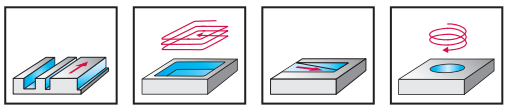
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

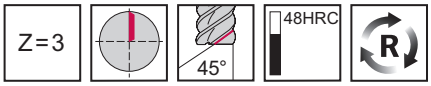
Solid carbide shoulder/slot milling cutters

MC321 Advance mm



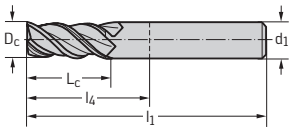
– Type N 45





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

DIN 6527 K



DIN 6535 HA

Designation	D_c h11	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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

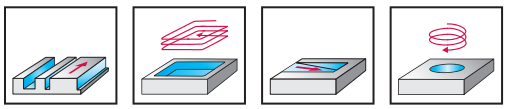
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

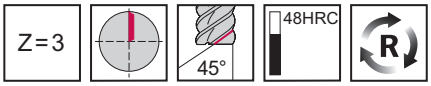
Solid carbide shoulder/slot milling cutters

MC321 Advance mm



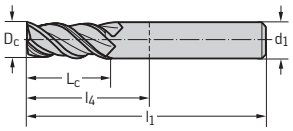
– Type N 45





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM S



DIN 6535 HA

Designation	D_c h11	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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

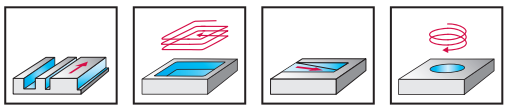
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

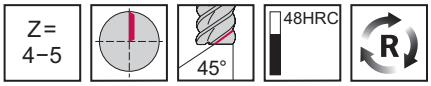
Solid carbide shoulder/slot milling cutters

MC322 Advance mm



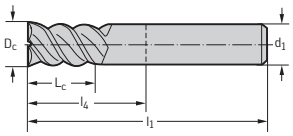
– Type N 45, extra short





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

DIN 6527 K



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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

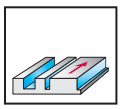
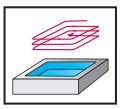
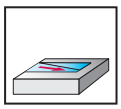
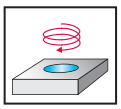
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

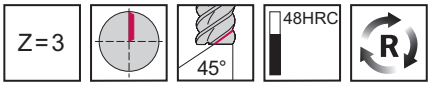
Solid carbide shoulder/slot milling cutters

MC324 Advance mm



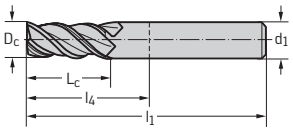

– Type 45



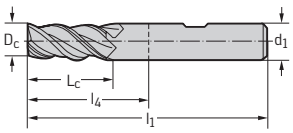
	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

DIN 6527 L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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	☺



DIN 6535 HB

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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	☺
MC324-12.0W3B-	12	22	83	38	12	3	☺

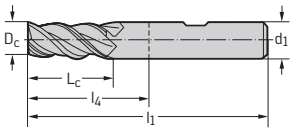
Slot milling $a_p \leq 0.5 \times D_c$
Shoulder milling $a_e \leq 0.6 \times D_c$
Ordering example for the grade WJ30TF: MC324-01.0A3B-WJ30TF

WALTER SELECT

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

D1

DIN 6527 L



DIN 6535 HB

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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	●

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

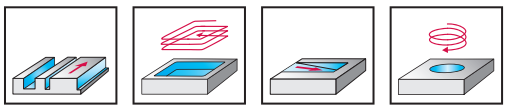
D1

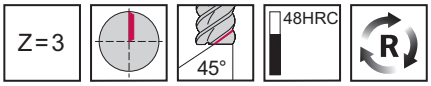
Solid carbide shoulder/slot milling cutters

MC324 Advance mm



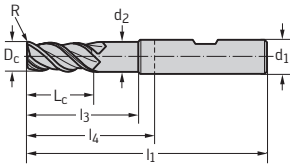
– Type 45





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

DIN 6527 L



Designation	D_c h9	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 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

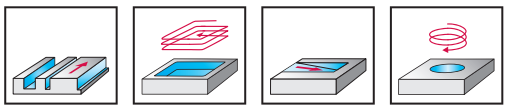
Best tool for ➔ Good = ☺ ➔ Average = ☹ ➔ Poor = ☠ machining conditions

Solid carbide shoulder/slot milling cutters

MC216 Advance mm



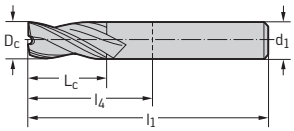
– Type N 30





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

DIN 6527 L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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

WALTER SELECT

●● Primary application ● Other application

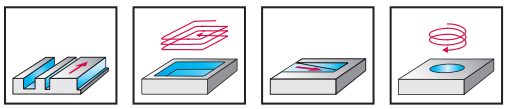
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC216 Advance mm



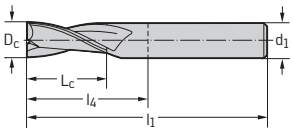
– Type 30





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

DIN 6527 L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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

D1

WALTER SELECT

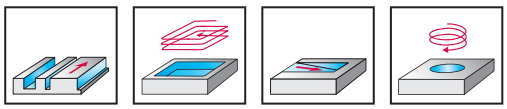
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC216 Advance inch



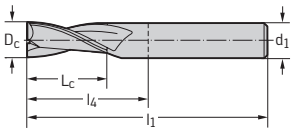
– Type 30





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

STANDARD

Designation	D_c h10	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30TF
 MC216.2.38A2D-	0.094	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

WALTER SELECT

●● Primary application ● Other application

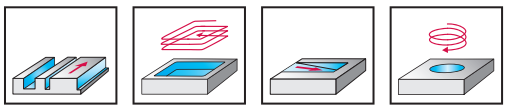
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC216 Advance mm



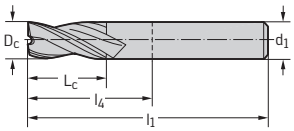
– Type N 30





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

DIN 6527 L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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	10	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	☺

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

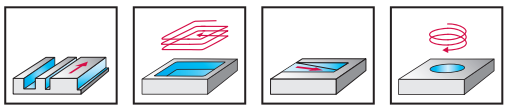
●● Primary application ● Other application
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC216 Advance mm



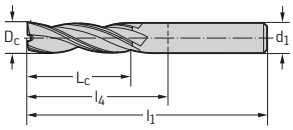
– Type 30, extra long





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM L



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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

WALTER SELECT

●● Primary application ● Other application

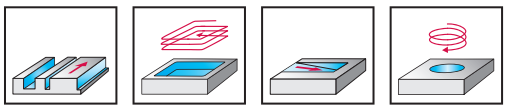
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC213 Advance mm



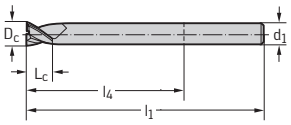
– Long reach
– Type HSC 30, long





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM XL



DIN 6535 HA

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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

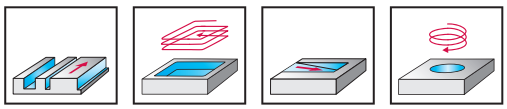
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☠ machining conditions

Solid carbide shoulder/slot milling cutters

MC213 Advance mm



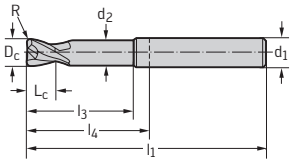
– Long reach
– Type HSC 30, long





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM L



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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

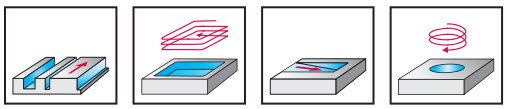
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC213 Advance mm



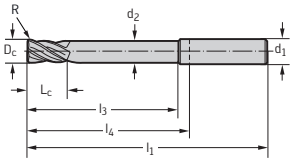
– Long reach
– Type HSC 30





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM XL



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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

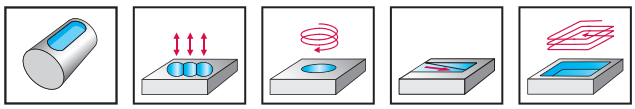
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide routing cutters

MC716 Advance mm



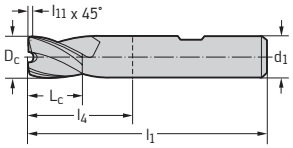
– Type 30





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

DIN 6527 K



DIN 6535 HB

Designation	D_c h10	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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

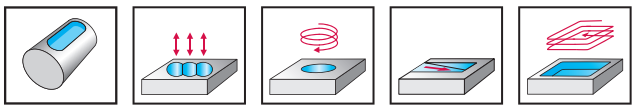
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide routing cutters

MC716 Advance mm



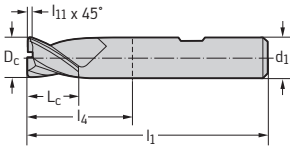
– Type 30





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

DIN 6527 K



DIN 6535 HB

Designation	D_c e8	l_{11} mm	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30TF
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

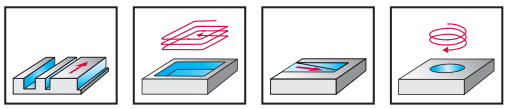
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

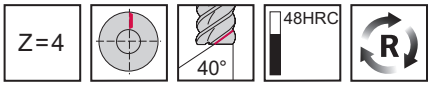
Solid carbide shoulder/slot milling cutter

MC319 Advance mm



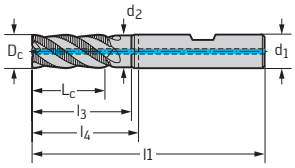
– Long reach





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

DIN 6527 L



DIN 6535 HB

Designation	D_c h12	L_c	l_3	d_2	l_1	l_4	d_1	Z	WK40TF
	mm	mm	mm	mm	mm	mm	mm		
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	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

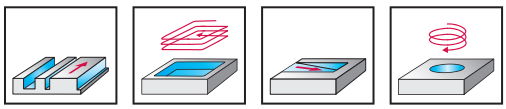
●● Primary application ● Other application

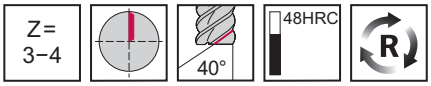
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutter

MC320 Advance mm

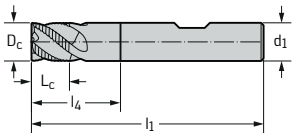






	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

DIN 6527 K



DIN 6535 HB

Designation	D_c h12	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
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

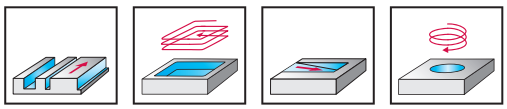
●● Primary application ● Other application
Best tool for ➔ Good = ☺ ➔ Average = ☹ ➔ Poor = ☠ machining conditions

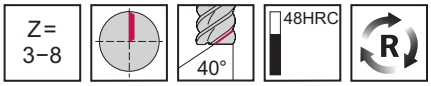
Solid carbide shoulder/slot milling cutter

MC320 Advance mm



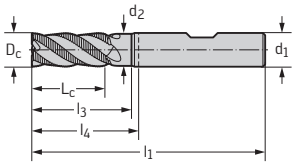
– Long reach





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

DIN 6527 L



DIN 6535 HB

Designation	D_c h12	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WK40TF
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

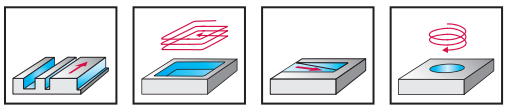
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

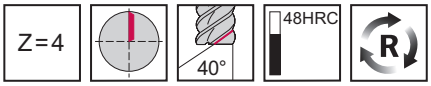
Solid carbide shoulder/slot milling cutter

MC320 Advance inch



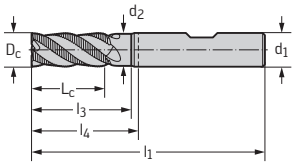
– Long reach





	P	M	K	N	S	H	O
WK40TF (TiAlN)	●●	●	●		●		

STANDARD



DIN 6535 HB

Designation	D_c h12	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 inch	Z	WK40TF
MC320.6.35W4DC-	0.250	0.750	0.875	0.23	3.000	1.437	0.375	4	☹
MC320.9.52W4DC-	0.375	0.875	1.000	0.355	3.000	1.437	0.375	4	☹
MC320.12.7W4DC-	0.500	1.000	1.374	0.475	3.500	1.717	0.500	4	☹
MC320.19.1W4DC-	0.750	1.500	2.000	0.713	4.000	1.969	0.750	4	☹

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

D1

WALTER SELECT

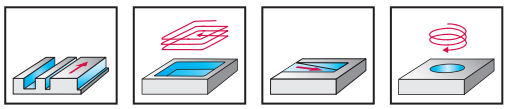
●● Primary application ● Other application

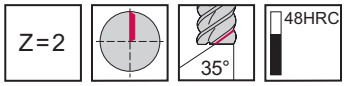
Best tool for → Good = ☺ → Average = ☹ → Poor = ☠ machining conditions

Solid carbide shoulder/slot milling cutters

MC232 Perform mm



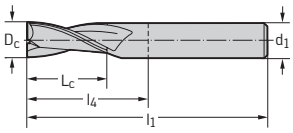




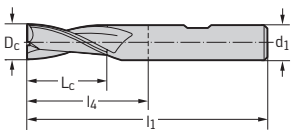
	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

DIN 6527 L

Designation	D_c h12	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30ED
MC232-02.0A2B-	2	6	57	29	4	2	☺
MC232-02.5A2B-	2.5	7	57	29	4	2	☺
MC232-03.0A2B-	3	7	57	29	4	2	☺
MC232-03.5A2B-	3.5	7	57	29	4	2	☺
MC232-04.0A2B-	4	8	57	29	4	2	☺
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	☺



DIN 6535 HA



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: MC232-02.0A2B-WJ30ED

WALTER SELECT

●● Primary application ● Other application

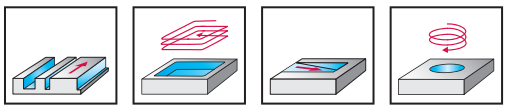
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

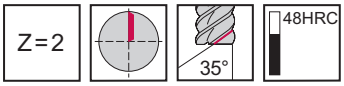
D1

Solid carbide shoulder/slot milling cutters

MC232 Perform inch

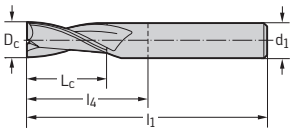
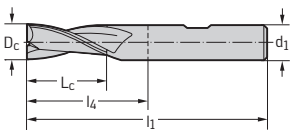






	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

STANDARD

Designation	D_c h12	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30ED
 Cylindrical shank							
MC232.3.18A2D-	0.125	0.500	2.500	1.083	0.250	2	😐
MC232.6.35A2D-	0.250	0.750	2.500	1.083	0.250	2	😐
 DIN 6535 HB							
MC232.9.53W2D-	0.375	0.875	3.000	1.437	0.375	2	😐
MC232.12.7W2D-	0.500	1.000	3.500	1.717	0.500	2	😐
MC232.15.9W2D-	0.625	1.250	3.500	1.594	0.625	2	😐
MC232.19.1W2D-	0.750	1.500	4.000	1.969	0.750	2	😐

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

D1

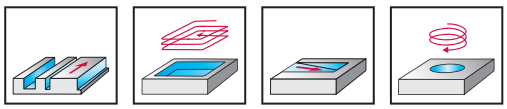
WALTER SELECT

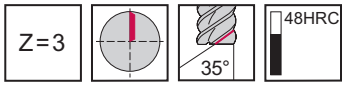
●● Primary application ● Other application
Best tool for → Good = 😊 → Average = 😐 → Poor = 😠 machining conditions

Solid carbide shoulder/slot milling cutters

MC232 Perform mm



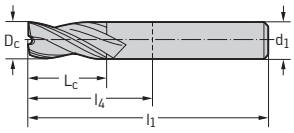




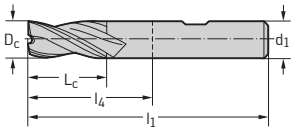
	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

DIN 6527 L

Designation	D_c h12	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30ED
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	☺
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	☺



DIN 6535 HA



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: MC232-02.0A3B-WJ30ED

WALTER SELECT

●● Primary application ● Other application

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

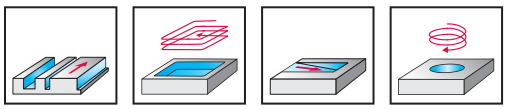
D1

Solid carbide shoulder/slot milling cutters

MC232 Perform mm




– Long reach

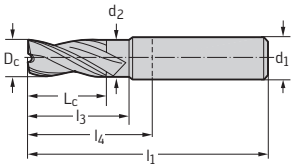




	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

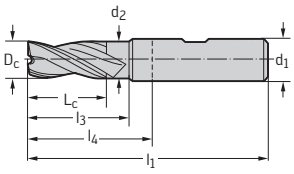
DIN 6527 L

Designation	D_c h12	L_c	l_3	d_2	l_1	l_4	d_1	Z	WJ30ED
		mm	mm	mm	mm	mm	mm		
MC232-02.0A3BC-	2	6	11	1.9	57	29	4	3	
MC232-02.5A3BC-	2.5	7	12	2.4	57	29	4	3	
MC232-03.0A3BC-	3	7	12	2.9	57	29	4	3	
MC232-03.5A3BC-	3.5	7	15	3.3	57	29	4	3	
MC232-04.0A3BC-	4	8	15	3.8	57	29	4	3	



DIN 6535 HA

Designation	D_c h12	L_c	l_3	d_2	l_1	l_4	d_1	Z	WJ30ED
		mm	mm	mm	mm	mm	mm		
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	



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: MC232-02.0A3BC-WJ30ED

D1

WALTER SELECT

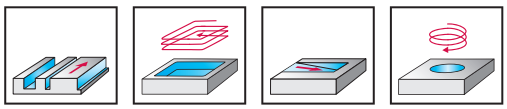
●● Primary application ● Other application

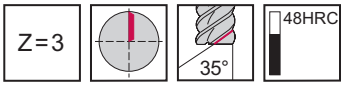
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

MC232 Perform inch







	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

STANDARD

Designation	D_c h12	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30ED
MC232.3.18A3D-	0.125	0.500	2.500	1.083	0.250	3	
MC232.6.35A3D-	0.250	0.750	2.500	1.083	0.250	3	
Cylindrical shank							
MC232.9.53W3D-	0.375	0.875	3.000	1.437	0.375	3	
MC232.12.7W3D-	0.500	1.000	3.500	1.717	0.500	3	
MC232.15.9W3D-	0.625	1.250	3.500	1.594	0.625	3	
MC232.19.1W3D-	0.750	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

WALTER SELECT

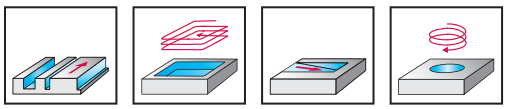
●● Primary application ● Other application
Best tool for → Good = → Average = → Poor = machining conditions

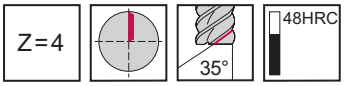
D1

Solid carbide shoulder/slot milling cutters

MC232 Perform mm

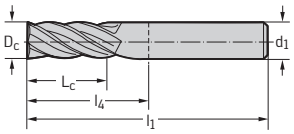




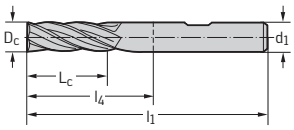


	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

DIN 6527 L



DIN 6535 HA



DIN 6535 HB

Designation	D_c h12	L_c mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30ED
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	☹
MC232-05.0W4B-	5	13	57	21	6	4	☹
MC232-06.0W4B-	6	13	57	21	6	4	☹
MC232-08.0W4B-	8	19	63	27	8	4	☹
MC232-10.0W4B-	10	22	72	32	10	4	☹
MC232-12.0W4B-	12	26	83	38	12	4	☹
MC232-16.0W4B-	16	32	92	44	16	4	☹
MC232-20.0W4B-	20	38	104	54	20	4	☹

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

D1

WALTER SELECT

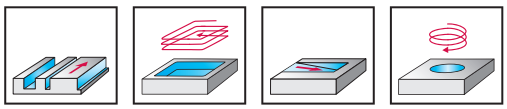
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

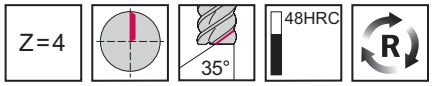
Solid carbide shoulder/slot milling cutters

MC232 Perform mm




– Long reach

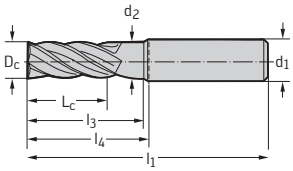




	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

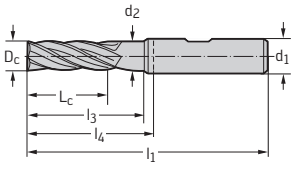
DIN 6527 L

Designation	D_c h12	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30ED
MC232-02.0A4BC-	2	7	11	1.9	57	29	4	4	☺
MC232-02.5A4BC-	2.5	8	12	2.4	57	29	4	4	☺
MC232-03.0A4BC-	3	8	12	2.9	57	29	4	4	☺
MC232-03.5A4BC-	3.5	10	15	3.3	57	29	4	4	☺
MC232-04.0A4BC-	4	11	15	3.8	57	29	4	4	☺



DIN 6535 HA

Designation	D_c h12	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30ED
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	☺



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: MC232-02.0A4BC-WJ30ED

D1

WALTER SELECT

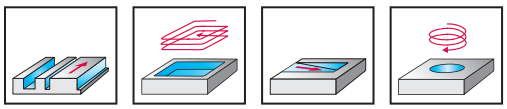
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

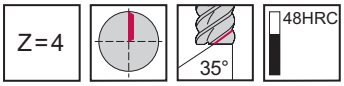
Solid carbide shoulder/slot milling cutters

MC232 Perform mm



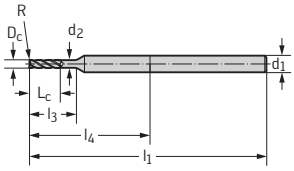
– Long reach





	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

DIN 6527 L



DIN 6535 HA

Designation	D_c h12	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30ED
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	☺

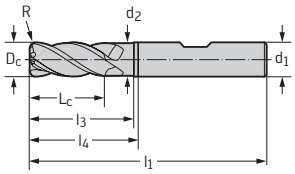
Slot milling $a_p \leq 0.5 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WJ30ED: MC232-02.0A4B020C-WJ30ED

D1

WALTER SELECT

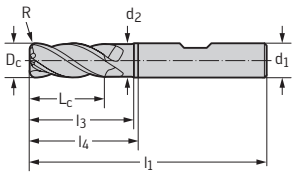
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

DIN 6527 L



DIN 6535 HB

Designation	D_c h12	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	Z	WJ30ED
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	
MC232-20.0W4B050C-	20	0.5	38	52	19	104	54	20	4	
MC232-20.0W4B100C-	20	1	38	52	19	104	54	20	4	
MC232-20.0W4B200C-	20	2	38	52	19	104	54	20	4	
MC232-20.0W4B250C-	20	2.5	38	52	19	104	54	20	4	
MC232-20.0W4B300C-	20	3	38	52	19	104	54	20	4	
MC232-20.0W4B400C-	20	4	38	52	19	104	54	20	4	



DIN 6535 HB

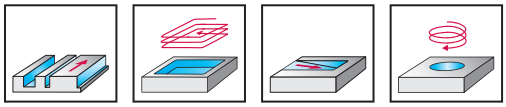
Slot milling $a_p \leq 0.5 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WJ30ED: MC232-02.0A4B020C-WJ30ED

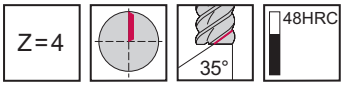
D1

Solid carbide shoulder/slot milling cutters

MC232 Perform inch

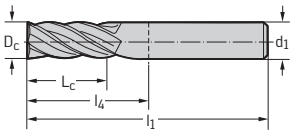
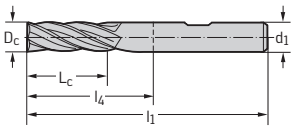






	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

STANDARD

Designation	D_c h12	L_c inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30ED
 Cylindrical shank							
MC232.3.18A4D-	0.125	0.500	2.500	1.083	0.250	4	☹
MC232.6.35A4D-	0.250	0.750	2.500	1.083	0.250	4	☹
 DIN 6535 HB							
MC232.9.53W4D-	0.375	0.875	3.000	1.437	0.375	4	☹
MC232.12.7W4D-	0.500	1.000	3.500	1.717	0.500	4	☹
MC232.15.9W4D-	0.625	1.250	3.500	1.594	0.625	4	☹
MC232.19.1W4D-	0.750	1.500	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: MC232.3.18A4D-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

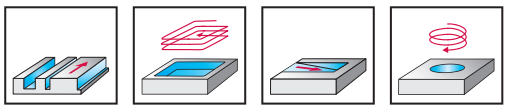
Best tool for → Good = ☺ → Average = ☹ → Poor = ☠ machining conditions

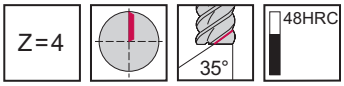
Solid carbide shoulder/slot milling cutters

MC232 Perform inch



– Long reach

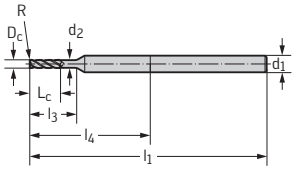




	P	M	K	N	S	H	O
WJ30ED (AlCrSiN)	●●	●	●	●	●		

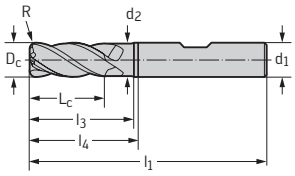
STANDARD

Designation	D_c h12	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30ED
MC232.3.18A4D038C-	0.125	0.015	0.500	0.625	0.119	2.500	1.083	0.250	4	☺
MC232.6.35A4D038C-	0.250	0.015	0.750	1.000	0.237	2.500	1.083	0.250	4	☺
MC232.6.35A4D076C-	0.250	0.030	0.750	1.000	0.237	2.500	1.083	0.250	4	☺



Cylindrical shank

Designation	D_c h12	R inch	L_c inch	l_3 inch	d_2 inch	l_1 inch	l_4 inch	d_1 inch	Z	WJ30ED
MC232.9.53W4D038C-	0.375	0.015	0.875	1.125	0.356	3.000	1.437	0.375	4	☺
MC232.9.53W4D076C-	0.375	0.030	0.875	1.125	0.356	3.000	1.437	0.375	4	☺
MC232.12.7W4D038C-	0.500	0.015	1.000	1.500	0.475	3.500	1.717	0.500	4	☺
MC232.12.7W4D076C-	0.500	0.030	1.000	1.500	0.475	3.500	1.717	0.500	4	☺
MC232.12.7W4D152C-	0.500	0.060	1.000	1.500	0.475	3.500	1.717	0.500	4	☺
MC232.12.7W4D318C-	0.500	0.125	1.000	1.500	0.475	3.500	1.717	0.500	4	☺
MC232.15.9W4D318C-	0.625	0.125	1.250	1.563	0.594	3.500	1.594	0.625	4	☺
MC232.19.1W4D076C-	0.750	0.030	1.500	1.875	0.713	4.000	1.969	0.750	4	☺
MC232.19.1W4D318C-	0.750	0.125	1.500	1.875	0.713	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: MC232.3.18A4D038C-WJ30ED

D1

WALTER SELECT

●● Primary application ● Other application

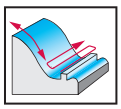
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide ball-nose copy milling cutters

MC480 Advance mm



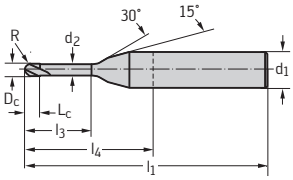
– Long reach



Z=2 | 30° | 63HRC / 48HRC | R

	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

Tool



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	d_2 mm	l_3 mm	l_4 mm	l_1 mm	Z	h5	WB10TG
MC480-00.4A2MC-	0.4	0.2	0.32	0.37	1	12	38	2	4	☺
MC480-00.5A2MC-	0.5	0.25	0.4	0.47	1.5	12	38	2	4	☺
MC480-00.6A2MC-	0.6	0.3	0.48	0.57	2	12	38	2	4	☺
MC480-00.8A2MC-	0.8	0.4	0.64	0.77	2	12	38	2	4	☺
MC480-01.0A2MB-	1	0.5	0.8	0.97	2	22	50	2	4	☺
MC480-01.0A2ME-	1	0.5	0.8	0.97	5	22	50	2	4	☺
MC480-01.0A2MG-	1	0.5	0.8	0.97	8	22	50	2	4	☺
MC480-01.5A2MC-	1.5	0.75	1.2	1.47	4	22	50	2	4	☺
MC480-01.5A2ME-	1.5	0.75	1.2	1.47	8	22	50	2	4	☺
MC480-01.5A2MG-	1.5	0.75	1.2	1.47	12	22	50	2	4	☺
MC480-02.0A2MB-	2	1	1.6	1.97	3	22	50	2	4	☺
MC480-02.0A2MC-	2	1	1.6	1.97	6	22	50	2	4	☺
MC480-02.0A2ME-	2	1	1.6	1.97	10	22	50	2	4	☺
MC480-02.0A2MG-	2	1	1.6	1.97	16	22	50	2	4	☺
MC480-03.0A2MC-	3	1.5	2.4	2.97	8	22	50	2	4	☺
MC480-03.0A2ME-	3	1.5	2.4	2.97	16	22	50	2	4	☺
MC480-03.0A2MG-	3	1.5	2.4	2.97	25	32	60	2	4	☺
MC480-04.0A2MC-	4	2	3.2	3.97	10	29	65	2	6	☺
MC480-04.0A2ME-	4	2	3.2	3.97	20	29	65	2	6	☺
MC480-05.0A2MD-	5	2.5	4	4.97	20	29	65	2	6	☺

Ordering example for the grade WB10TG: MC480-00.4A2MC-WB10TG

D1

WALTER SELECT

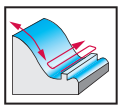
●● Primary application ● Other application

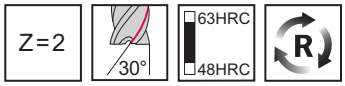
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide ball-nose copy milling cutters

MC482 Advance mm

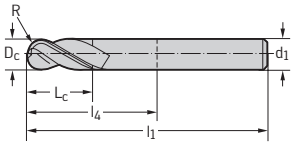






	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

Tool



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	WB10TG
MC482-03.0A2B-	3	1.5	2.4	21	57	6	2	☺
MC482-04.0A2B-	4	2	3.2	21	57	6	2	☺
MC482-05.0A2B-	5	2.5	4	21	57	6	2	☺
MC482-06.0A2B-	6	3	4.8	21	57	6	2	☺
MC482-08.0A2B-	8	4	6.4	27	63	8	2	☺

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

D1

WALTER SELECT

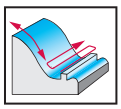
●● Primary application ● Other application

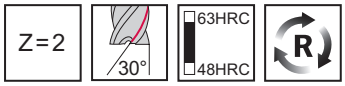
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide ball-nose copy milling cutters

MC482 Advance mm

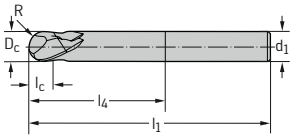






	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

Tool



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	WB10TG
MC482-06.0A2L-	6	3	4.8	44	80	6	2	☻
MC482-08.0A2L-	8	4	6.4	64	100	8	2	☻
MC482-10.0A2L-	10	5	8	60	100	10	2	☻
MC482-12.0A2L-	12	6	9.6	55	100	12	2	☻

Ordering example for the grade WB10TG: MC482-06.0A2L-WB10TG

D1

WALTER SELECT

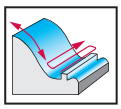
●● Primary application ● Other application

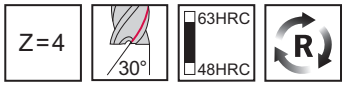
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide ball-nose copy milling cutters

MC482 Advance mm

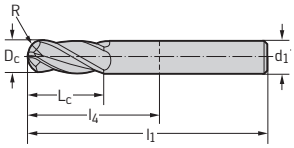






	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

Tool



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_4 mm	l_1 mm	d_1 mm	Z	WB10TG
MC482-06.0A4B-	6	3	4.8	21	57	6	4	☺
MC482-08.0A4B-	8	4	6.4	27	63	8	4	☺
MC482-10.0A4B-	10	5	8	32	72	10	4	☺
MC482-12.0A4B-	12	6	9.6	38	83	12	4	☺
MC482-16.0A4B-	16	8	12.8	44	92	16	4	☺

Ordering example for the grade WB10TG: MC482-06.0A4B-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

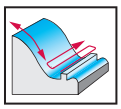
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

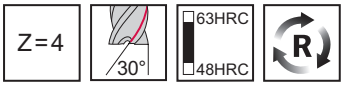
Solid carbide ball-nose copy milling cutters

MC482 Advance mm



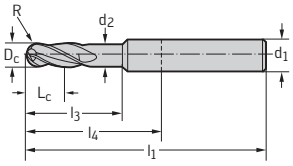
– Long reach





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

Tool



Designation	D_c h7	R mm	L_c mm	l_4 mm	d_2 mm	l_3 mm	l_1 mm	d_1 mm	Z	WB10TG
MC482-06.0A4BC-	6	3	4.8	27	5.9	18	63	8	4	☻
MC482-08.0A4BC-	8	4	6.4	32	7.85	24	72	10	4	☻
MC482-10.0A4BC-	10	5	8	38	9.85	30	83	12	4	☻
MC482-12.0A4BC-	12	6	9.6	38	11.8	36	83	12	4	☻
MC482-16.0A4BC-	16	8	12.8	44	15.8	42	92	16	4	☻

DIN 6535 HA

Ordering example for the grade WB10TG: MC482-06.0A4BC-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

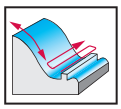
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

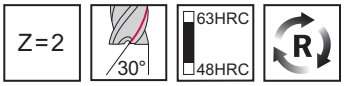
Solid carbide ball-nose copy milling cutters

MC482 Advance mm



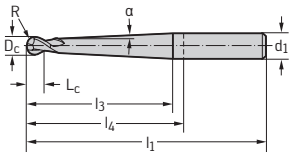
– Long reach





	P	M	K	N	S	H	O
WB10TG (TiAlSiN)						●●	

Tool



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	α	d_1 mm	Z	WB10TG
MC482-01.0A2PV-	1	0.5	0.8	17	21	57	2.5°	6	2	☺
MC482-01.0A2PW-	1	0.5	0.8	17	21	57	4°	6	2	☺
MC482-01.5A2PV-	1.5	0.75	1.2	17	21	57	2.5°	6	2	☺
MC482-01.5A2PW-	1.5	0.75	1.2	17	21	57	4°	6	2	☺
MC482-02.0A2PV-	2	1	1.6	18	21	57	2.5°	6	2	☺
MC482-02.0A2PW-	2	1	1.6	18	21	57	4°	6	2	☺
MC482-03.0A2LV-	3	1.5	2.4	38	44	80	2.5°	6	2	☺
MC482-03.0A2PV-	3	1.5	2.4	19	21	57	2.5°	6	2	☺
MC482-03.0A2PW-	3	1.5	2.4	19	21	57	4°	6	2	☺
MC482-04.0A2PV-	4	2	3.2	20	21	57	2.5°	6	2	☺
MC482-04.0A2PW-	4	2	3.2	20	21	57	4°	6	2	☺

Ordering example for the grade WB10TG: MC482-01.0A2PV-WB10TG

D1

WALTER SELECT

●● Primary application ● Other application

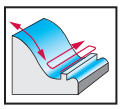
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

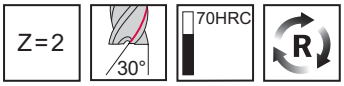
Solid carbide ball-nose copy milling cutters

H8004788 mm

Proto·max™ Ultra

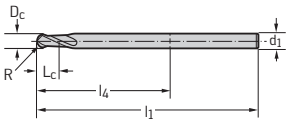
– Long reach





	P	M	K	N	S	H	O
TAS						●●	

Tool



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_4 mm	l_1 mm	d_1 h5	Z
H8004788-3-57	3	1.5	4.5	21	57	6	2
H8004788-3-70	3	1.5	4.5	34	70	6	2
H8004788-4-57	4	2	6	21	57	6	2
H8004788-4-70	4	2	6	34	70	6	2
H8004788-6-57	6	3	9	21	57	6	2
H8004788-6-90	6	3	9	54	90	6	2
H8004788-8-100	8	4	12	64	100	8	2
H8004788-10-100	10	5	15	60	100	10	2
H8004788-10-72	10	5	15	32	72	10	2

D1

WALTER SELECT

●● Primary application ● Other application

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

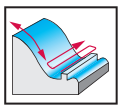
Solid carbide mini ball-nose copy milling cutters

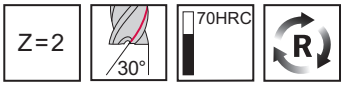
H4046988 mm

Proto·max™ Ultra



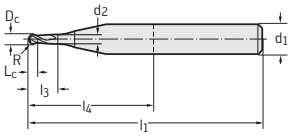
– Long reach





	P	M	K	N	S	H	O
TAS						●●	

Tool



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	d_1 h4	Z
H4046988-1-1.5	1	0.5	0.8	1.5	0.96	45	6	2
H4046988-1-10	1	0.5	0.8	10	0.96	45	6	2
H4046988-1-3	1	0.5	0.8	3	0.96	45	6	2
H4046988-1-8	1	0.5	0.8	8	0.96	45	6	2
H4046988-1.2-1.8	1.2	0.6	1.1	1.8	1.15	45	6	2
H4046988-1.2-3.6	1.2	0.6	1.1	3.6	1.15	45	6	2
H4046988-1.5-2.25	1.5	0.75	1.35	2.25	1.44	45	6	2
H4046988-1.5-8	1.5	0.75	1.35	8	1.44	45	6	2
H4046988-2-12	2	1	1.7	12	1.92	50	6	2
H4046988-2-3	2	1	1.7	3	1.92	45	6	2
H4046988-2-6	2	1	1.7	6	1.92	45	6	2

D1

WALTER SELECT

●● Primary application ● Other application

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

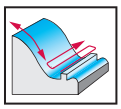
Solid carbide ball-nose copy milling cutters

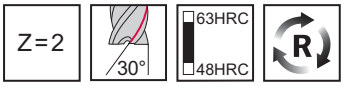
H8004028 mm

Protostar® Ultra



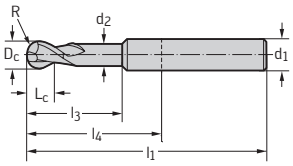
– Long reach
– Type HSC 30





	P	M	K	N	S	H	O
TAX						●●	

Tool



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_3 mm	l_4 mm	d_2 mm	l_1 mm	d_1 h5	Z
H8004028-5	5	2.5	5	20	21	4.9	57	6	2
H8004028-6	6	3	6	24	27	5.9	63	8	2
H8004028-8	8	4	8	29	32	7.6	72	10	2
H8004028-10	10	5	10	35	38	9.5	83	12	2

D1

WALTER SELECT

●● Primary application ● Other application

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

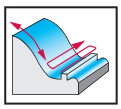
Solid carbide ball-nose copy milling cutters

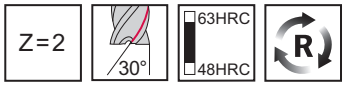
H8006428 mm

Protostar® Ultra



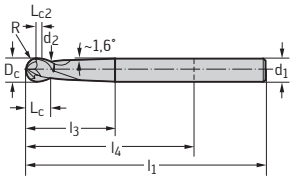
– Long reach
– Type HSC 30





	P	M	K	N	S	H	O
TAX						●●	

Tool



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	L_{c2} mm	l_3 mm	l_4 mm	d_2 mm	l_1 mm	d_1 h5	Z
H8006428-1	1	0.5	2	0	20	39	1.0	75	6	2
H8006428-2	2	1	3	1.5	20	39	1.7	75	6	2
H8006428-3	3	1.5	4	1.5	30	44	2.5	80	6	2
H8006428-4	4	2	5	1.5	30	44	3.3	80	6	2
H8006428-5	5	2.5	7	2	43	44	4.1	80	6	2
H8006428-6	6	3	7	2	30	64	4.7	100	6	2
H8006428-8	8	4	9	3	36	64	6.5	100	8	2
H8006428-10	10	5	11	3	43	60	8.2	100	10	2

With back cutting

D1

WALTER SELECT

●● Primary application ● Other application

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

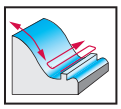
Solid carbide ball-nose copy milling cutters

H602111 mm

Protostar®



– Type AI 30



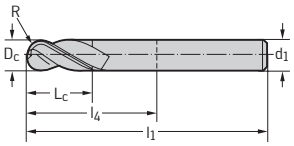
Z=2





	P	M	K	N	S	H	O
uncoated				●●			

Tool



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_4 mm	l_1 mm	d_1 h5	Z
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 $d_1 \geq 10$ mm

D1

WALTER SELECT

●● Primary application ● Other application

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

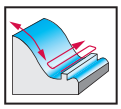
Solid carbide mini ball-nose copy milling cutters

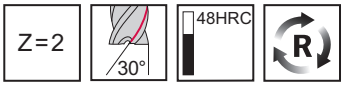
H4046918 mm

Protostar®



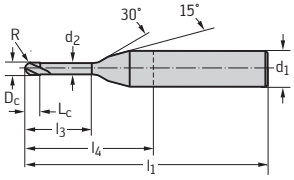
– Long reach
– Type HSC 30





	P	M	K	N	S	H	O
TAX	●●			●			

Tool



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_3 mm	l_4 mm	d_2 mm	l_1 mm	d_1 h5	Z
H4046918-0.3-1.5	0.3	0.15	0.3	1.5	10	0.27	38	3	2
H4046918-0.4-1	0.4	0.2	0.4	1	10	0.37	38	3	2
H4046918-0.4-2	0.4	0.2	0.4	2	10	0.37	38	3	2
H4046918-0.4-4	0.4	0.2	0.4	4	10	0.37	38	3	2
H4046918-0.5-1.25	0.5	0.25	0.5	1.25	10	0.47	38	3	2
H4046918-0.5-5	0.5	0.25	0.5	5	10	0.47	38	3	2
H4046918-0.6-1.5	0.6	0.3	0.6	1.5	10	0.57	38	3	2
H4046918-0.6-3	0.6	0.3	0.6	3	10	0.57	38	3	2
H4046918-0.6-6	0.6	0.3	0.6	6	10	0.57	38	3	2
H4046918-0.6-9	0.6	0.3	0.6	9	13	0.57	38	3	2
H4046918-0.8-12	0.8	0.4	0.8	12	32	0.77	60	3	2
H4046918-0.8-2	0.8	0.4	0.8	2	10	0.77	38	3	2
H4046918-0.8-4	0.8	0.4	0.8	4	10	0.77	38	3	2
H4046918-1-10	1	0.5	1	10	32	0.97	60	3	2
H4046918-1-15	1	0.5	1	15	32	0.97	60	3	2
H4046918-1-2.5	1	0.5	1	2.5	10	0.97	38	3	2
H4046918-1-5	1	0.5	1	5	32	0.97	60	3	2
H4046918-1-7.5	1	0.5	1	7.5	32	0.97	60	3	2
H4046918-1.5-15	1.5	0.75	1.5	15	32	1.47	60	3	2
H4046918-1.5-7.5	1.5	0.75	1.5	7.5	32	1.47	60	3	2
H4046918-2-10	2	1	2	10	32	1.97	60	3	2
H4046918-2-15	2	1	2	15	32	1.97	60	3	2
H4046918-2-20	2	1	2	20	32	1.97	60	3	2
H4046918-2-30	2	1	2	30	32	1.97	60	3	2
H4046918-2.5-12.5	2.5	1.25	2.5	12.5	32	2.47	60	3	2
H4046918-3-15	3	1.5	3	15	32	2.97	60	3	2

D1

WALTER SELECT

●● Primary application ● Other application

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

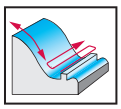
Solid carbide mini ball-nose copy milling cutters

H4046919 mm

Protostar®



– Long reach
– Type HSC 30



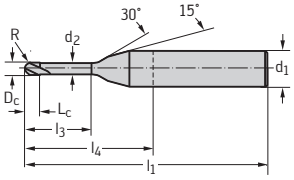
Z=2



R

	P	M	K	N	S	H	O
DIA							●●

Tool



DIN 6535 HA

Designation	D_c h9	R mm	L_c mm	l_3 mm	l_4 mm	d_2 mm	l_1 mm	d_1 h5	Z
H4046919-0.3-3	0.3	0.15	0.3	3	10	0.27	38	3	2
H4046919-0.4-2	0.4	0.2	0.4	2	10	0.37	38	3	2
H4046919-0.5-5	0.5	0.25	0.5	5	10	0.47	38	3	2
H4046919-0.6-3	0.6	0.3	0.6	3	10	0.57	38	3	2
H4046919-0.6-9	0.6	0.3	0.6	9	13	0.57	38	3	2
H4046919-0.8-8	0.8	0.4	0.8	8	12	0.77	38	3	2
H4046919-1-10	1	0.5	1	10	32	0.97	60	3	2
H4046919-1-15	1	0.5	1	15	32	0.97	60	3	2
H4046919-1-20	1	0.5	1	20	32	0.97	60	3	2
H4046919-1-5	1	0.5	1	5	32	0.97	60	3	2
H4046919-1.5-15	1.5	0.75	1.5	15	32	1.47	60	3	2
H4046919-1.5-7.5	1.5	0.75	1.5	7.5	32	1.47	60	3	2
H4046919-2-10	2	1	2	10	32	1.97	60	3	2
H4046919-2-20	2	1	2	20	32	1.97	60	3	2
H4046919-2-30	2	1	2	30	32	1.97	60	3	2
H4046919-3-15	3	1.5	3	15	32	2.97	60	3	2
H4046919-3-30	3	1.5	3	30	32	2.97	60	3	2

D1

WALTER SELECT

●● Primary application ● Other application

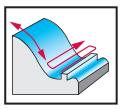
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

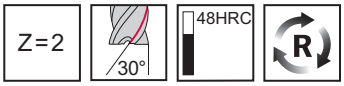
Solid carbide ball-nose copy milling cutters

MC413 Advance mm



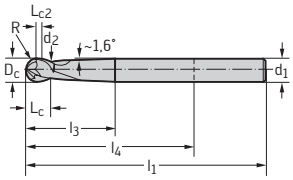
– Long reach
– Type HSC 30





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_4 mm	d_2 mm	l_3 mm	l_1 mm	d_1 h5	Z	WJ30TF
MC413-01.0A2L-	1	0.5	2	39		20	75	6	2	☺
MC413-02.0A2L-	2	1	3	39	1.7	20	75	6	2	☺
MC413-03.0A2L-	3	1.5	4	44	2.5	30	80	6	2	☺
MC413-04.0A2L-	4	2	5	44	3.3	30	80	6	2	☺
MC413-05.0A2L-	5	2.5	7	44	4.1	43	80	6	2	☺
MC413-06.0A2L-	6	3	7	64	4.7	30	100	6	2	☺
MC413-08.0A2L-	8	4	9	64	6.5	36	100	8	2	☺
MC413-10.0A2L-	10	5	11	60	8.2	43	100	10	2	☺

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

D1

WALTER SELECT

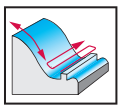
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide ball-nose copy milling cutters

MC413 Advance mm



– Long reach
– Type HSC 30



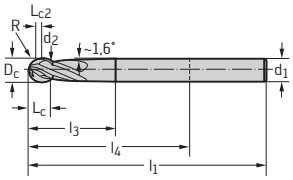
Z=4



48HRC

	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_4 mm	d_2 mm	l_3 mm	l_1 mm	d_1 h5	Z	WJ30TF
MC413-05.0A4L-	5	2.5	7	44	4.1	43	80	6	4	☹
MC413-06.0A4L-	6	3	7	64	4.7	30	100	6	4	☹
MC413-08.0A4L-	8	4	9	64	6.5	36	100	8	4	☹
MC413-10.0A4L-	10	5	11	60	8.2	43	100	10	4	☹
MC413-12.0A4L-	12	6	13	55	9.8	52	100	12	4	☹
MC413-16.0A4L-	16	8	15	102	13.4	61	150	16	4	☹

With back cutting
Shank tolerance h6 with shank diameter $d_1 \geq 10$ mm
Ordering example for the grade WJ30TF: MC413-05.0A4L-WJ30TF

D1

WALTER SELECT

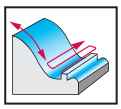
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☠ machining conditions

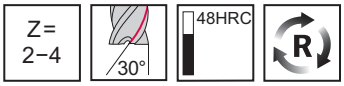
Solid carbide ball-nose copy milling cutters

MC413 Advance mm



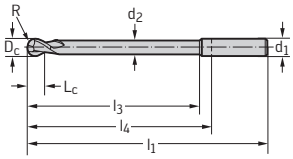
– Long reach
– Type HSC 30





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_4 mm	d_2 mm	l_3 mm	l_1 mm	d_1 h5	Z	WJ30TF
MC413-04.0A2XC-	4	2	4	64	3.9	20	100	6	2	☺
MC413-04.0A2XD-	4	2	4	64	3.9	30	100	6	2	☺
MC413-04.0A2XE-	4	2	4	64	3.9	40	100	6	2	☺
MC413-05.0A2XC-	5	2.5	5	64	4.9	25	100	6	2	☺
MC413-05.0A2XD-	5	2.5	5	64	4.9	50	100	6	2	☺
MC413-06.0A4XC-	6	3	6	64	5.9	30	100	6	4	☺
MC413-06.0A4XD-	6	3	6	64	5.9	45	100	6	4	☺
MC413-06.0A4XE-	6	3	6	64	5.9	60	100	6	4	☺
MC413-08.0A4XC-	8	4	8	84	7.85	40	120	8	4	☺
MC413-08.0A4XD-	8	4	8	84	7.85	60	120	8	4	☺
MC413-08.0A4XE-	8	4	8	84	7.85	80	120	8	4	☺
MC413-10.0A4XD-	10	5	10	110	9.85	50	150	10	4	☺
MC413-10.0A4XE-	10	5	10	110	9.85	75	150	10	4	☺
MC413-12.0A4XD-	12	6	12	105	11.8	60	150	12	4	☺

Shank tolerance h6 with shank diameter $d_1 \geq 10$ mm
Ordering example for the grade WJ30TF: MC413-04.0A2XC-WJ30TF

WALTER SELECT

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

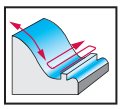
D1

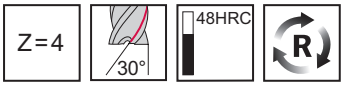
Solid carbide ball-nose copy milling cutters

MC416 Advance mm



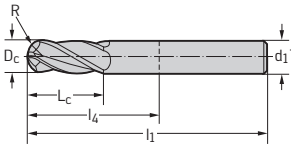
– Type 30





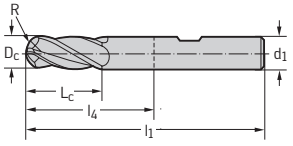
	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_4 mm	l_1 mm	d_1 h6	Z	WJ30TF
MC416-03.0A4L-	3	1.5	8	44	80	6	4	☺
MC416-04.0A4L-	4	2	11	44	80	6	4	☺
MC416-05.0A4L-	5	2.5	13	44	80	6	4	☺
MC416-06.0A4L-	6	3	13	44	80	6	4	☺
MC416-07.0A4L-	7	3.5	16	64	100	8	4	☺
MC416-08.0A4L-	8	4	19	64	100	8	4	☺
MC416-09.0A4L-	9	4.5	19	60	100	10	4	☺
MC416-10.0A4L-	10	5	22	60	100	10	4	☺
MC416-12.0A4L-	12	6	26	55	100	12	4	☺
MC416-16.0A4L-	16	8	32	52	100	16	4	☺
MC416-20.0A4L-	20	10	38	75	125	20	4	☺



DIN 6535 HB

Designation	D_c h7	R mm	L_c mm	l_4 mm	l_1 mm	d_1 h6	Z	WJ30TF
MC416-03.0W4L-	3	1.5	8	44	80	6	4	☺
MC416-04.0W4L-	4	2	11	44	80	6	4	☺
MC416-05.0W4L-	5	2.5	13	44	80	6	4	☺
MC416-06.0W4L-	6	3	13	44	80	6	4	☺
MC416-08.0W4L-	8	4	19	64	100	8	4	☺
MC416-10.0W4L-	10	5	22	60	100	10	4	☺
MC416-12.0W4L-	12	6	26	55	100	12	4	☺
MC416-16.0W4L-	16	8	32	52	100	16	4	☺
MC416-20.0W4L-	20	10	38	75	125	20	4	☺

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

D1

WALTER SELECT

●● Primary application ● Other application

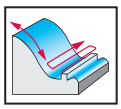
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

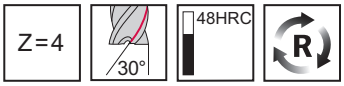
Solid carbide ball-nose copy milling cutters

MC416 Advance inch



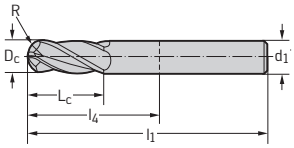
– Type 30





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool



Cylindrical shank

Designation	D_c h9	R inch	L_c inch	l_4 inch	l_1 inch	d_1 h6	Z	WJ30TF
MC416.1.59A4D-	0.063	0.031	0.187	0.583	2.000	0.250	4	☺
MC416.3.18A4D-	0.125	0.063	0.500	1.083	2.500	0.250	4	☺
MC416.4.75A4D-	0.187	0.094	0.625	1.083	2.500	0.250	4	☺
MC416.6.35A4D-	0.250	0.125	0.750	1.083	2.500	0.250	4	☺
MC416.7.94A4D-	0.313	0.156	0.813	1.437	3.000	0.375	4	☺
MC416.9.53A4D-	0.375	0.188	0.875	1.437	3.000	0.375	4	☺
MC416.11.1A4D-	0.437	0.219	1.000	1.717	3.500	0.500	4	☺
MC416.12.7A4D-	0.500	0.250	1.000	1.717	3.500	0.500	4	☺

Ordering example for the grade WJ30TF: MC416.1.59A4D-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

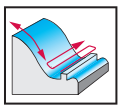
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide ball-nose copy milling cutters

MC416 Advance mm



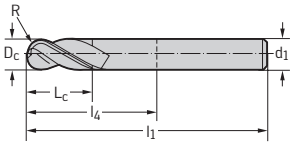
– Type 30



Z=2 | 30° | 48HRC

	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c h7	R mm	L_c mm	l_4 mm	l_1 mm	d_1 h6	Z	WJ30TF
MC416-01.0A2B-	1	0.5	3	10	38	3	2	☺
MC416-01.5A2B-	1.5	0.75	3	10	38	3	2	☺
MC416-02.0A2B-	2	1	6	10.6	38	3	2	☺
MC416-02.5A2B-	2.5	1.25	7	11.5	38	3	2	☺
MC416-03.0A2B-	3	1.5	7	10	38	3	2	☺
MC416-04.0A2B-	4	2	8	21	57	6	2	☺
MC416-05.0A2B-	5	2.5	10	21	57	6	2	☺
MC416-06.0A2B-	6	3	10	21	57	6	2	☺
MC416-07.0A2B-	7	3.5	13	27.1	63	8	2	☺
MC416-08.0A2B-	8	4	16	27	63	8	2	☺
MC416-09.0A2B-	9	4.5	16	32.1	72	10	2	☺
MC416-10.0A2B-	10	5	19	32	72	10	2	☺
MC416-12.0A2B-	12	6	22	38	83	12	2	☺
MC416-14.0A2B-	14	7	22	38	83	14	2	☺
MC416-16.0A2B-	16	8	26	44	92	16	2	☺
MC416-18.0A2B-	18	9	26	44	92	18	2	☺
MC416-20.0A2B-	20	10	32	54	104	20	2	☺

Ordering example for the grade WJ30TF: MC416-01.0A2B-WJ30TF

D1

WALTER SELECT

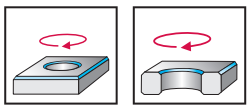
●● Primary application ● Other application

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

60° solid carbide chamfer mill

MC500 Advance mm

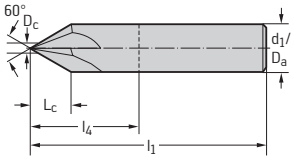
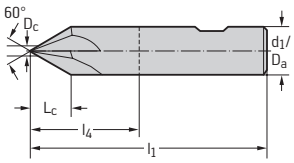






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool

Designation	D_c mm	D_a mm	L_c mm	l_1 mm	l_4 mm	d_1 h6	Z	WJ30TF
 DIN 6535 HA								
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 HB								
MC500-10.0W4L-	1.5	10	7.35	100	59	10	4	☺

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

D1

WALTER SELECT

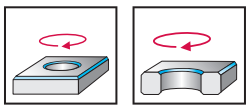
●● Primary application ● Other application

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

90° solid carbide chamfer mill

MC501 Advance mm

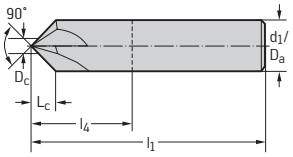
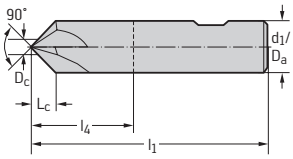






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool

Designation	D_c mm	D_a mm	L_c mm	l_1 mm	l_4 mm	d_1 h6	Z	WJ30TF
 DIN 6535 HA								
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	☹
 DIN 6535 HB								
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

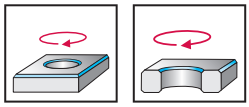
●● Primary application ● Other application

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

120° solid carbide chamfer mill

MC502 Advance mm

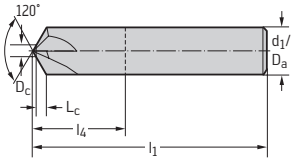






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool

Designation	D_c mm	D_a mm	L_c mm	l_1 mm	l_4 mm	d_1 h6	Z	WJ30TF
 MC502-10.0A4L-	1.5	10	2.45	100	60	10	4	☺

DIN 6535 HA

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

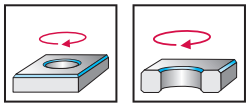
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide forward/backward deburrer

MC504 Advance mm



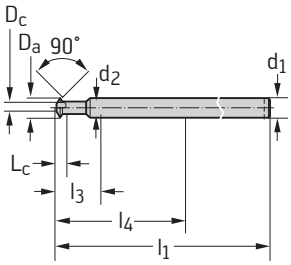
– Long reach
– Type forward/backward deburrer





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

PWZ-NORM L



DIN 6535 HA

Designation	D_a mm	D_c mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6	Z	WJ30TF
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	☺

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

D1

WALTER SELECT

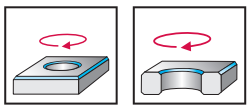
●● Primary application ● Other application

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

Solid carbide quarter-round profile mill

MC503 Advance mm

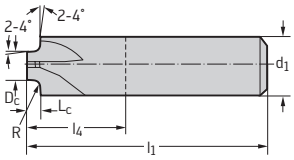






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●	●	●		

Tool



DIN 6535 HA

Designation	D_c mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6	Z	WJ30TF
MC503-04.0A3B050-	4	0.5	1	57	21	6	3	☺
MC503-04.0A3B075-	4	0.8	1	57	21	6	3	☺
MC503-04.0A3B080-	4	0.8	1	57	21	6	3	☺
MC503-04.0A4B100-	4	1	1	63	27	8	4	☺
MC503-04.0A4B150-	4	1.5	2	63	27	8	4	☺
MC503-05.0A4B200-	5	2	2	72	32	10	4	☺
MC503-05.0A4B250-	5	2.5	3	72	32	10	4	☺
MC503-05.0A4B300-	5	3	3	83	38	12	4	☺
MC503-06.0A4B400-	6	4	4	83	38	14	4	☺
MC503-06.0A4B500-	6	5	5	92	44	16	4	☺
MC503-08.0A4B600-	8	6	6	104	54	20	4	☺

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

D1

WALTER SELECT

●● Primary application ● Other application

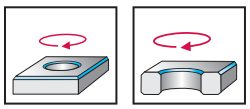
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide chamfer milling cutter 90°

AH3058318 inch

Protostar®



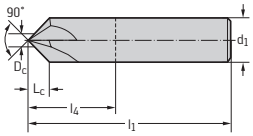




	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool

Designation	D_c inch	D_a inch	L_c inch	l_1 inch	l_4 inch	d_1 h6	Z
AH3058318-1/4	0.039	0.250	0.105	2.500	1.063	0.250	4
AH3058318-3/8	0.059	0.375	0.158	2.500	0.906	0.375	4
AH3058318-1/2	0.118	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 mm



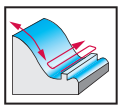
Z= 4–8





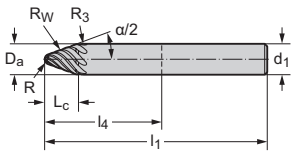


– Conical



	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●●		
WJ30RD (AlTiN+ZrN)	●●	●●	●	●	●●		

Werkzeug



DIN 6535 HA

Bezeichnung	α/2	D_a mm	R_w mm	R_3 mm	R mm	L_c mm	l_1 mm	d_1 h5	Z	WJ30RA	WJ30RD
MD838-06A4P050250-	20°	6	250	3	0.5	7.79	65	6	4	☺	☺
MD838-06A4P100250-	20°	6	250	3	1	6.83	65	6	4	☺	☺
MD838-08A4P050300-	20°	8	300	3	0.5	10.55	80	8	4	☺	☺
MD838-08A4P100300-	20°	8	300	3	1	9.57	80	8	4	☺	☺
MD838-10A4P200400-	20°	10	400	3	2	10.42	90	10	4	☺	☺
MD838-10A8P200400-	20°	10	400	3	2	10.42	90	10	8	☺	☺
MD838-12A4P200500-	20°	12	500	3	2	13.15	100	12	4	☺	☺
MD838-12A4P300500-	20°	12	500	3	3	11.23	100	12	4	☺	☺
MD838-12A8P200500-	20°	12	500	3	2	13.15	100	12	8	☺	☺
MD838-12A8P300500-	20°	12	500	3	3	11.23	100	12	8	☺	☺
MD838-16A4P301000-	20°	16	1.000	5	3	17.07	115	16	4	☺	☺
MD838-16A4P401000-	20°	16	1.000	5	4	15.17	115	16	4	☺	☺

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

D1

WALTER SELECT

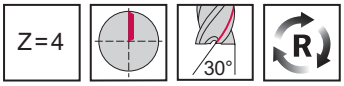
●● Primary application ● Other application

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

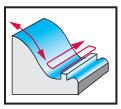
Solid carbide circle segment milling cutters

MD839 Supreme mm



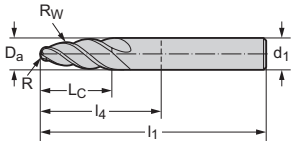


– Tangential



	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●●		
WJ30RD (AlTiN+ZrN)	●●	●●	●	●	●●		

Werkzeug



DIN 6535 HA

Bezeichnung	D_a mm	R mm	R_w mm	L_c mm	l_1 mm	d_1 h5	Z	WJ30RA	WJ30RD
MD839-06A4P10100-	6	1	100	20.8	65	6	4	☺	😐
MD839-08A4P15100-	8	1.5	100	23.55	80	8	4	☺	😐
MD839-10A4P20100-	10	2	100	26.06	90	10	4	☺	😐
MD839-12A4P20100-	12	2	100	29.71	100	12	4	☺	😐
MD839-12A4P30100-	12	3	100	26.94	100	12	4	☺	😐
MD839-16A4P30100-	16	3	100	33.74	115	16	4	☺	😐
MD839-16A4P40100-	16	4	100	31.42	115	16	4	☺	😐

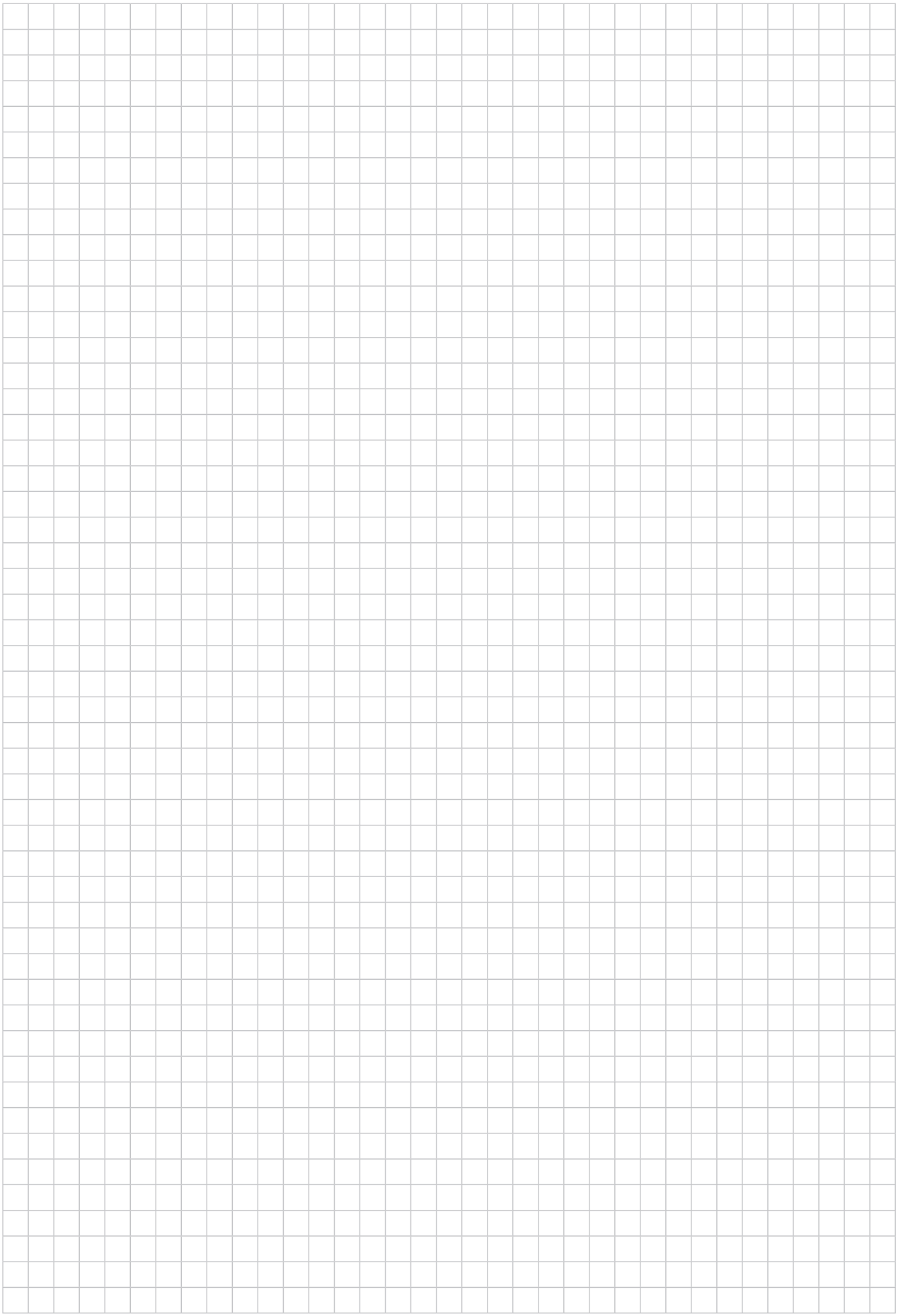
Ordering example for the grade WJ30RA: MD839-06A4P10100-WJ30RA

D1

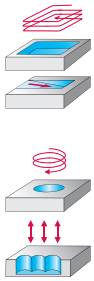
WALTER SELECT

●● Primary application ● Other application

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



High-feed milling cutters



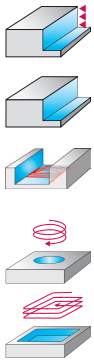


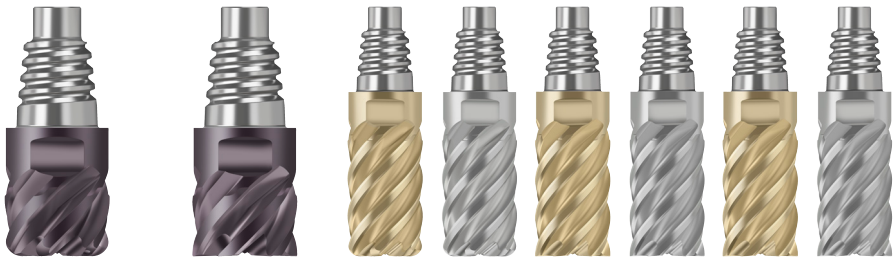
Designation	MC025 Advance	Protostar® Flash	MD025	MD025	Protostar® Flash
Diameter range	10–25.4	10–16	10–25	10–25	10–25
Number of teeth	4	3	5–6	5–6	4–5
Corner radius	1.5–3.18	1.5–2	1.5–3	1.5–3	1.5–3
Diameter range	0.375–0.750	—	0.375–1.000	0.375–1.000	—
Number of teeth	4		5–6	5–6	
Corner radius	0.060–0.080		0.060–0.125	0.060–0.125	
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Shank	ConeFit	ConeFit	ConeFit	ConeFit	ConeFit
P Steel	●●	●●	●●		
M Stainless steel	●	●		●●	●●
K Cast iron	●	●	●		
N NF metals				●	
S Materials with difficult cutting properties	●	●		●●	●
H Hard materials					
O Other					
Page in catalog	D 228	D 227	D 225	D 225	D 224
QR code					
www.walter-tools.com/woc/	MC025	protostar-flash	MD025	MD025	protostar-flash

WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters



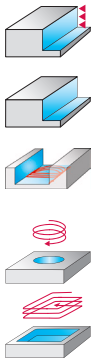


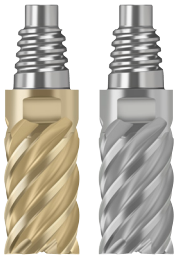
Designation	MC128	MC128	MD128	MD128	MD128
Diameter range	12–16	10–25	10–12	10–25	12–25
Number of teeth	6	6–8	6	6–8	6–8
Corner radius	0.5–2	0.5–4	0.5–1	0.5–4	0.5–4
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Shank	ConeFit	ConeFit	ConeFit	ConeFit	ConeFit
P Steel	●●	●●	●●	●●	
M Stainless steel	●	●			●●
K Cast iron	●	●	●	●	
N NF metals					
S Materials with difficult cutting properties	●	●			●●
H Hard materials					
O Other					
Page in catalog	D 223	D 222	D 221	D 220	D 220
QR code					
www.walter-tools.com/woc/	MC128	MC128	MD128	MD128	MD128

WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters





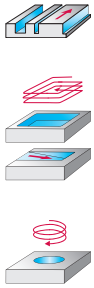
Designation	**MD128**
Diameter range	10–25
Number of teeth	6–8
Corner radius	0.5–4
Diameter range	—
Number of teeth	
Corner radius	
Standard	PWZ-NORM
Shank	ConeFit
P Steel	
M Stainless steel	●●
K Cast iron	
N NF metals	
S Materials with difficult cutting properties	●●
H Hard materials	
O Other	
Page in catalog	D 220
QR code	
www.walter-tools.com/woc/	MD128

D1

WALTER SELECT

●● Primary application ● Other application

Shoulder/slot milling cutters





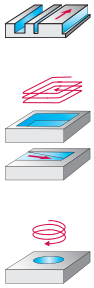
Designation	MC326	MC320	MC320	Proto·max™ST	Protostar®
Diameter range	10–25	12–25	10	10–20	10–25
Number of teeth	4–5	4–8	4–5	4	3
Corner radius	0.5–4	0.35–0.4	0.35	0.5–4	—
Diameter range	0.375–1.000	—	—	—	—
Number of teeth	4–5				
Corner radius	0.015–0.125				
Standard	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM	PWZ-NORM
Shank	ConeFit	ConeFit	ConeFit	ConeFit	ConeFit
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●	●	●		
K Cast iron	●	●	●	●	●
N NF metals					
S Materials with difficult cutting properties	●	●	●		
H Hard materials					
O Other					
Page in catalog	D 216	D 215	D 215	D 212	D 214
QR code					
www.walter-tools.com/woc/	MC326	MC320	MC320	protomax-st	

WALTER SELECT

●● Primary application ● Other application

D1

Shoulder/slot milling cutters







Designation	Proto·max™Inox	Protostar®
Diameter range	10–25	10–25
Number of teeth	4–5	2–3
Corner radius	0.5–4	—
Diameter range	—	—
Number of teeth		
Corner radius		
Standard	PWZ-NORM	PWZ-NORM
Shank	ConeFit	ConeFit
P Steel		
M Stainless steel	●●	
K Cast iron		
N NF metals		●●
S Materials with difficult cutting properties	●	
H Hard materials		
O Other		
Page in catalog	D 208	D 210
QR code		
www.walter-tools.com/woc/	protomax-inox	protostar

D1

WALTER SELECT

●● Primary application ● Other application

Copy milling cutters





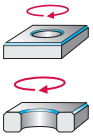
Designation	Protostar®
Diameter range	10–25
Number of teeth	2–4
Corner radius	5–12.5
Diameter range	0.375–1.000
Number of teeth	4
Corner radius	0.187–0.500
Standard	PWZ-NORM
Shank	ConeFit
P Steel	●●
M Stainless steel	●●
K Cast iron	●
N NF metals	●
S Materials with difficult cutting properties	
H Hard materials	
O Other	
Page in catalog	D 230
QR code	
www.walter-tools.com/woc/	protostar

WALTER SELECT

●● Primary application ● Other application

D1

Profiling cutters





Designation	Protostar®
Diameter range	10–20
Number of teeth	2–8
Corner radius	
Diameter range	0.500–0.625
Number of teeth	6–8
Corner radius	
Standard	PWZ-NORM
Shank	ConeFit
P Steel	●●
M Stainless steel	●
K Cast iron	●
N NF metals	●
S Materials with difficult cutting properties	●
H Hard materials	
O Other	
Page in catalog	D 235
QR code	
www.walter-tools.com/woc/	protostar

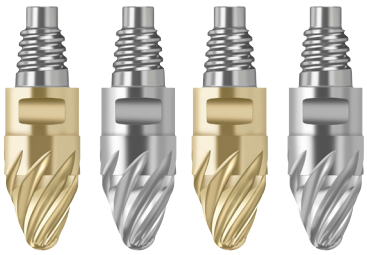
D1

WALTER SELECT

●● Primary application ● Other application

Circle segment milling cutters





Designation	MD838	MD838
Diameter range	16	16
Number of teeth	8	8
Corner radius	2–4	2–4
Diameter range	—	—
Number of teeth		
Corner radius		
Standard	PWZ-NORM	PWZ-NORM
Shank	ConeFit	ConeFit
P Steel	●●	
M Stainless steel		●●
K Cast iron	●	
N NF metals		●
S Materials with difficult cutting properties		●●
H Hard materials		
O Other		
Page in catalog	D 234	D 234
QR code		
www.walter-tools.com/woc/	MD838	MD838

WALTER SELECT

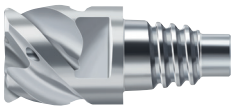
●● Primary application ● Other application

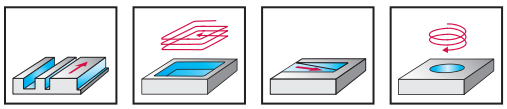
D1

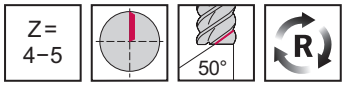
Solid carbide shoulder/slot milling cutters

H2EC38217 mm

Proto·max™ Inox

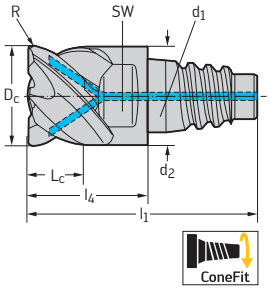






	P	M	K	N	S	H	O
TAA		●●			●		

PWZ-NORM



ConeFit

Designation	D_c h9	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z
H2EC38217-E10-10-0.5	10	0.5	6	9.7	23.6	12.4	E10	8	4
H2EC38217-E10-10-1	10	1	6	9.7	23.6	12.4	E10	8	4
H2EC38217-E10-10-1.5	10	1.5	6	9.7	23.6	12.4	E10	8	4
H2EC38217-E10-10-2	10	2	6	9.7	23.6	12.4	E10	8	4
H2EC38217-E10-10-3	10	3	6	9.7	23.6	12.4	E10	8	4
H2EC38217-E12-12-0.5	12	0.5	7.5	11.7	28.3	14.5	E12	10	4
H2EC38217-E12-12-1	12	1	7.5	11.7	28.3	14.5	E12	10	4
H2EC38217-E12-12-1.5	12	1.5	7.5	11.7	28.3	14.5	E12	10	4
H2EC38217-E12-12-2	12	2	7.5	11.7	28.3	14.5	E12	10	4
H2EC38217-E12-12-3	12	3	7.5	11.7	28.3	14.5	E12	10	4
H2EC38217-E12-12-4	12	4	7.5	11.7	28.3	14.5	E12	10	4
H2EC38217-E16-16-1	16	1	10	15.5	35.7	18.7	E16	12	4
H2EC38217-E16-16-2	16	2	10	15.5	35.7	18.7	E16	12	4
H2EC38217-E16-16-3	16	3	10	15.5	35.7	18.7	E16	12	4
H2EC38217-E16-16-4	16	4	10	15.5	35.7	18.7	E16	12	4
H2EC38217-E20-20-1	20	1	12	19.3	40.8	21.3	E20	16	4
H2EC38217-E20-20-2	20	2	12	19.3	40.8	21.3	E20	16	4
H2EC38217-E20-20-4	20	4	12	19.3	40.8	21.3	E20	16	4
H2EC38217-E25-25-1	25	1	15	24.2	49.6	25.6	E25	20	5
H2EC38217-E25-25-2	25	2	15	24.2	49.6	25.6	E25	20	5
H2EC38217-E25-25-3	25	3	15	24.2	49.6	25.6	E25	20	5
H2EC38217-E25-25-4	25	4	15	24.2	49.6	25.6	E25	20	5

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

D1

WALTER SELECT

●● Primary application ● Other application

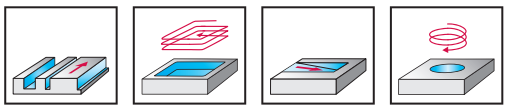
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutters

H2EC34217 mm

Proto·max™ Inox





Z= 4–5

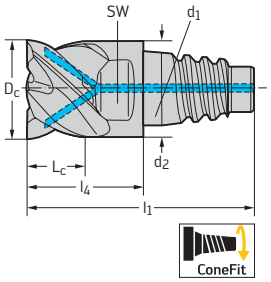






	P	M	K	N	S	H	O
TAA		●●			●		

PWZ-NORM



ConeFit

Designation	D_c h10	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z
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

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

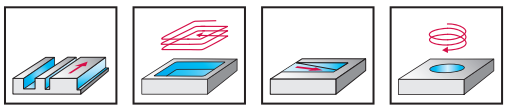
Solid carbide shoulder/slot milling cutters

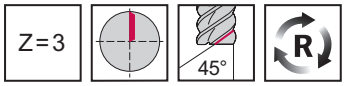
H6E2211 mm

Protostar®



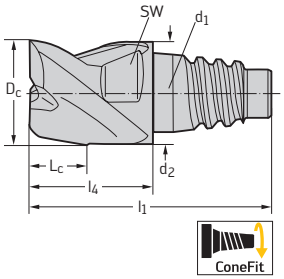
– Type Al 45





	P	M	K	N	S	H	O
uncoated				●●			

PWZ-NORM



ConeFit

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_2 mm	d_1	SW mm	Z
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

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

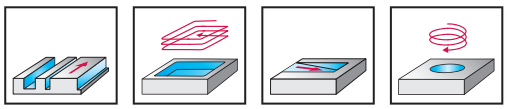
Solid carbide shoulder/slot milling cutters

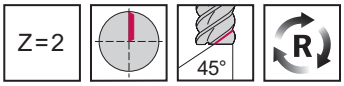
H6E2511 mm

Protostar®



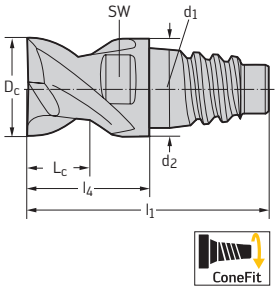
– Type Al 45





	P	M	K	N	S	H	O
uncoated				●●			

PWZ-NORM



ConeFit

Designation	D_c h10	L_c mm	l_1 mm	l_4 mm	d_2 mm	d_1	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

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

D1

WALTER SELECT

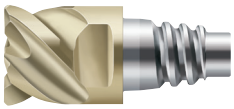
●● Primary application ● Other application

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

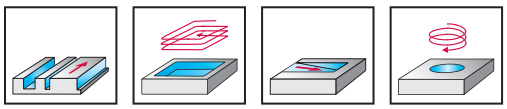
Solid carbide shoulder/slot milling cutters

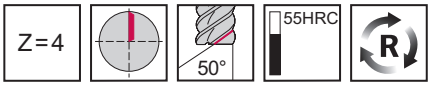
H4E38217 mm

Proto·max™ST



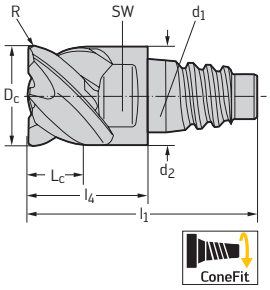
– Long reach





	P	M	K	N	S	H	O
TAZ	●●		●				

PWZ-NORM



ConeFit

Designation	D_c h9	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z
H4E38217-E10-10-0.5	10	0.5	5.5	9.7	23.6	12.4	E10	8	4
H4E38217-E10-10-1	10	1	5.5	9.7	23.6	12.4	E10	8	4
H4E38217-E10-10-2	10	2	5.5	9.7	23.6	12.4	E10	8	4
H4E38217-E12-12-0.5	12	0.5	6.5	11.7	28.3	14.5	E12	10	4
H4E38217-E12-12-1	12	1	6.5	11.7	28.3	14.5	E12	10	4
H4E38217-E12-12-1.5	12	1.5	6.5	11.7	28.3	14.5	E12	10	4
H4E38217-E12-12-2	12	2	6.5	11.7	28.3	14.5	E12	10	4
H4E38217-E12-12-3	12	3	6.5	11.7	28.3	14.5	E12	10	4
H4E38217-E16-16-0.5	16	0.5	8.5	15.5	35.7	18.7	E16	12	4
H4E38217-E16-16-1	16	1	8.5	15.5	35.7	18.7	E16	12	4
H4E38217-E16-16-2	16	2	8.5	15.5	35.7	18.7	E16	12	4
H4E38217-E16-16-3	16	3	8.5	15.5	35.7	18.7	E16	12	4
H4E38217-E16-16-4	16	4	8.5	15.5	35.7	18.7	E16	12	4
H4E38217-E20-20-0.5	20	0.5	11	19.3	40.8	21.3	E20	16	4
H4E38217-E20-20-1	20	1	11	19.3	40.8	21.3	E20	16	4
H4E38217-E20-20-2	20	2	11	19.3	40.8	21.3	E20	16	4
H4E38217-E20-20-3	20	3	11	19.3	40.8	21.3	E20	16	4
H4E38217-E20-20-4	20	4	11	19.3	40.8	21.3	E20	16	4

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

D1

WALTER SELECT

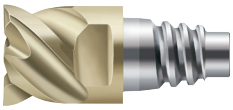
●● Primary application ● Other application

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

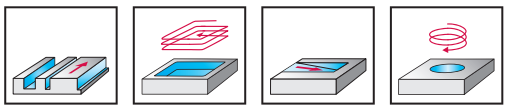
Solid carbide shoulder/slot milling cutters

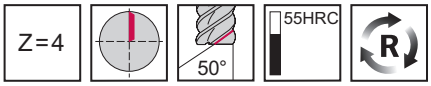
H4E34217 mm

Proto·max™ST



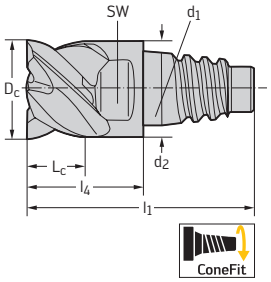
– Long reach





	P	M	K	N	S	H	O
TAZ	●●		●				

PWZ-NORM



ConeFit

Designation	D_c h9	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z
H4E34217-E10-10	10	5.5	9.7	23.6	12.4	E10	8	4
H4E34217-E12-12	12	6.5	11.7	28.3	14.5	E12	10	4
H4E34217-E16-16	16	8.5	15.5	35.7	18.7	E16	12	4
H4E34217-E20-20	20	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

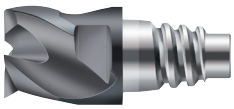
●● Primary application ● Other application

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

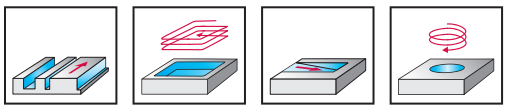
Solid carbide shoulder/slot milling cutters

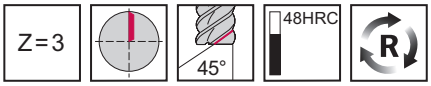
H3E29148 mm

Protostar®



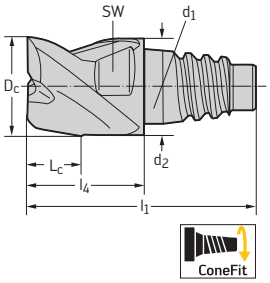
– Type 45





	P	M	K	N	S	H	O
TAX	●●		●				

PWZ-NORM



ConeFit

Designation	D_c h10 mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	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

Slot milling $a_p \leq 0.5 \times D_c$
Shoulder milling $a_e \leq 0.6 \times D_c$

D1

WALTER SELECT

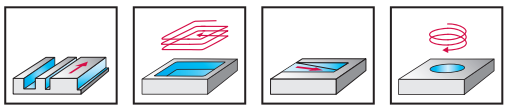
●● Primary application ● Other application

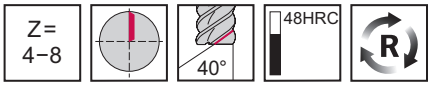
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide shoulder/slot milling cutter

MC320 mm

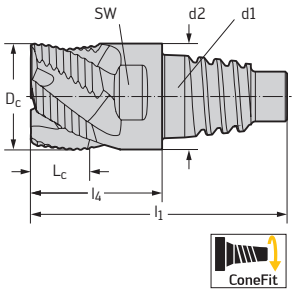






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM



ConeFit

Designation	D_c h12	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30TF
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	☺

Slot milling $a_p \leq 0.5 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WJ30TF: MC320-10.0E4P-WJ30TF

D1

WALTER SELECT

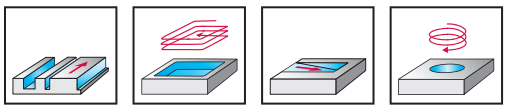
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

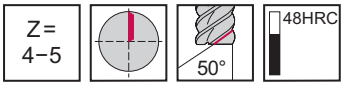
Solid carbide shoulder/slot milling cutters

MC326 mm



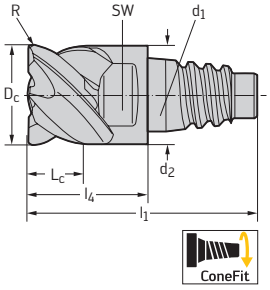
– Type N 50





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM



ConeFit

Designation	D_c h9	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30TF
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

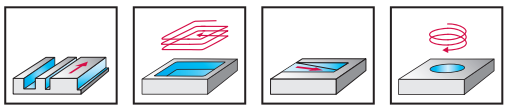
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

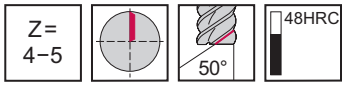
Solid carbide shoulder/slot milling cutters

MC326 inch



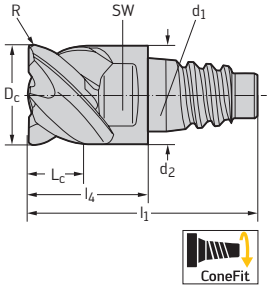
– Type N 50





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM



ConeFit

Designation	D_c h9	R inch	L_c inch	d_2 inch	l_1 inch	l_4 inch	d_1	SW inch	Z	WJ30TF
MC326.9.53E4P038-	0.375	0.015	0.209	0.364	0.929	0.488	E10	0.315	4	☺
MC326.9.53E4P076-	0.375	0.030	0.209	0.364	0.929	0.488	E10	0.315	4	☺
MC326.12.7E4P038-	0.500	0.015	0.276	0.484	1.114	0.575	E12	0.394	4	☺
MC326.12.7E4P076-	0.500	0.030	0.276	0.484	1.114	0.575	E12	0.394	4	☺
MC326.12.7E4P152-	0.500	0.060	0.276	0.484	1.114	0.575	E12	0.394	4	☺
MC326.15.9E4P152-	0.625	0.060	0.335	0.61	1.406	0.736	E16	0.472	4	☺
MC326.19.1E4P152-	0.750	0.060	0.413	0.728	1.606	0.839	E20	0.630	4	☺
MC326.19.1E4P318-	0.750	0.125	0.413	0.728	1.606	0.839	E20	0.630	4	☺
MC326.25.4E5P152-	1.000	0.060	0.551	0.965	1.953	1.008	E25	0.787	5	☺
MC326.25.4E5P318-	1.000	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

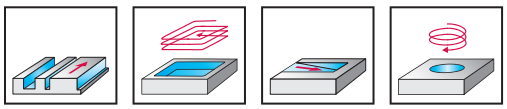
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

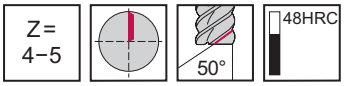
Solid carbide shoulder/slot milling cutters

MC326 inch



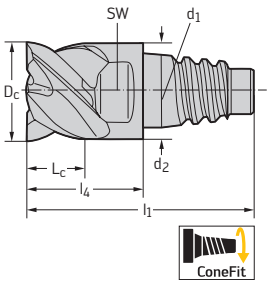
– Type N 50





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM



ConeFit

Designation	D_c h9	L_c inch	d_2 inch	l_1 inch	l_4 inch	d_1	SW inch	Z	WJ30TF
MC326.9.53E4P-	0.375	0.209	0.364	0.929	0.488	E10	0.315	4	☹
MC326.12.7E4P-	0.500	0.276	0.484	1.114	0.575	E12	0.394	4	☹
MC326.15.9E4P-	0.625	0.335	0.61	1.406	0.736	E16	0.472	4	☹
MC326.19.1E4P-	0.750	0.413	0.728	1.606	0.839	E20	0.630	4	☹
MC326.25.4E5P-	1.000	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: MC326.12.7E4P-WJ30TF

D1

WALTER SELECT

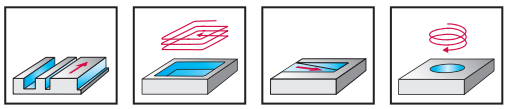
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = ☹ → Poor = ☠ machining conditions

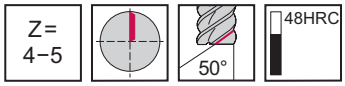
Solid carbide shoulder/slot milling cutters

MC326 mm



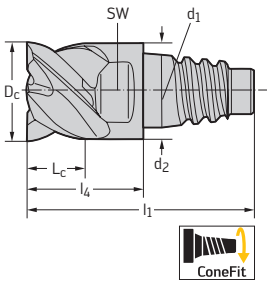
– Type N 50





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM



ConeFit

Designation	D_c h10	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	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	☺

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

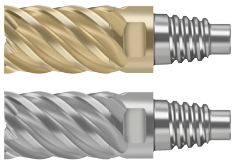
D1

WALTER SELECT

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

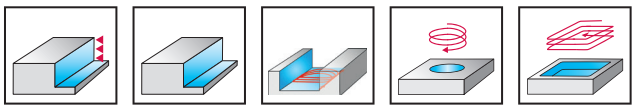
Solid carbide shoulder milling cutters

MD128 mm



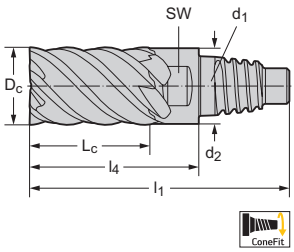
Z= 6–8 | 50° | R

– Type N 50



	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●			●●		
WJ30RD (AlTiN+ZrN)	●●	●●	●		●●		

PWZ-NORM



ConeFit

Designation	D_c h10	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30RA	WJ30RD
MD128-10.0E6X-	10	15	9.7	33.1	21.9	E10	8	6	☺	😐
MD128-12.0E6X-	12	18	11.7	39.8	26	E12	10	6	☺	😐
MD128-16.0E6X-	16	24	15.5	51.2	34.2	E16	12	6	☺	😐
MD128-20.0E8X-	20	30	19.3	59.8	40.3	E20	16	8	☺	😐
MD128-25.0E8X-	25	37.5	24.2	73.6	49.8	E25	20	8	☺	😐

Shoulder milling $a_e \leq 0.05 \times D_c$ for ISO-P
Shoulder milling $a_e \leq 0.03 \times D_c$ for ISO-M and ISO-S
Ordering example for the grade WJ30RA: MD128-10.0E6X-WJ30RA

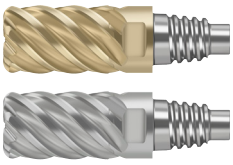
D1

WALTER SELECT

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

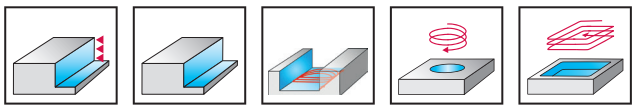
Solid carbide shoulder milling cutters

MD128 mm



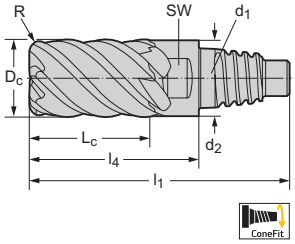
Z= 6–8 | 50°

– Type N 50



	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●			●●		
WJ30RD (AlTiN+ZrN)	●●	●●	●		●●		

PWZ-NORM



ConeFit

Designation	D_c h9	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30RA	WJ30RD
MD128-10.0E6X050-	10	0.5	15	9.7	33.1	21.9	E10	8	6	☺	☺
MD128-10.0E6X100-	10	1	15	9.7	33.1	21.9	E10	8	6	☺	☺
MD128-12.0E6X050-	12	0.5	18	11.7	39.8	26	E12	10	6	☺	☺
MD128-12.0E6X100-	12	1	18	11.7	39.8	26	E12	10	6	☺	☺
MD128-12.0E6X200-	12	2	18	11.7	39.8	26	E12	10	6	☺	☺
MD128-16.0E6X050-	16	0.5	24	15.5	51.2	34.2	E16	12	6	☺	☺
MD128-16.0E6X100-	16	1	24	15.5	51.2	34.2	E16	12	6	☺	☺
MD128-16.0E6X200-	16	2	24	15.5	51.2	34.2	E16	12	6	☺	☺
MD128-20.0E8X100-	20	1	30	19.3	59.8	40.3	E20	16	8	☺	☺
MD128-20.0E8X400-	20	4	30	19.3	59.8	40.3	E20	16	8	☺	☺
MD128-25.0E8X100-	25	1	37.5	24.2	73.6	49.8	E25	20	8	☺	☺
MD128-25.0E8X400-	25	4	37.5	24.2	73.6	49.8	E25	20	8	☺	☺

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

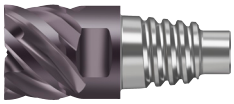
D1

WALTER SELECT

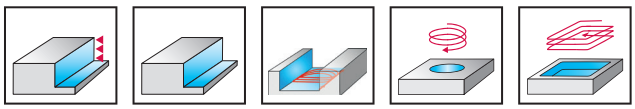
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

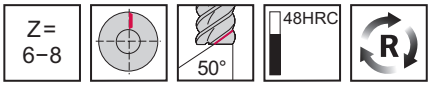
Solid carbide shoulder milling cutters

MC128 mm



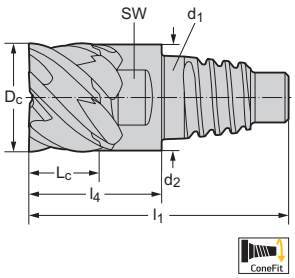
– Type N 50





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM



ConeFit

Designation	D_c h10	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30TF
MC128-10.0E6P-	10	5.5	9.7	23.6	12.4	E10	8	6	☺
MC128-12.0E6P-	12	6.5	11.7	28.3	14.5	E12	10	6	☺
MC128-16.0E6P-	16	8.5	15.5	35.7	18.7	E16	12	6	☺
MC128-20.0E8P-	20	11	19.3	40.8	21.3	E20	16	8	☺
MC128-25.0E8P-	25	13.5	24.2	49.6	25.6	E25	20	8	☺

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

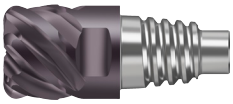
D1

WALTER SELECT

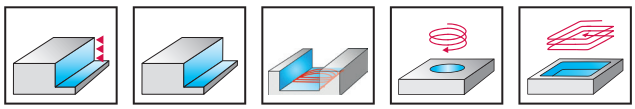
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

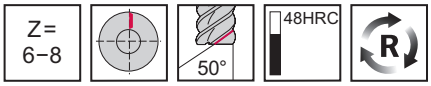
Solid carbide shoulder milling cutters

MC128 mm



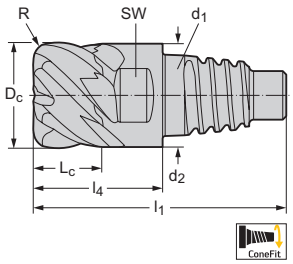
– Type N 50





	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

PWZ-NORM



ConeFit

Designation	D_c h9	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30TF
MC128-10.0E6P050-	10	0.5	5.5	9.7	23.6	12.4	E10	8	6	☺
MC128-10.0E6P100-	10	1	5.5	9.7	23.6	12.4	E10	8	6	☺
MC128-12.0E6P050-	12	0.5	6.5	11.7	28.3	14.5	E12	10	6	☺
MC128-12.0E6P100-	12	1	6.5	11.7	28.3	14.5	E12	10	6	☺
MC128-12.0E6P150-	12	1.5	6.5	11.7	28.3	14.5	E12	10	6	☺
MC128-12.0E6P200-	12	2	6.5	11.7	28.3	14.5	E12	10	6	☺
MC128-16.0E6P050-	16	0.5	8.5	15.5	35.7	18.7	E16	12	6	☺
MC128-16.0E6P100-	16	1	8.5	15.5	35.7	18.7	E16	12	6	☺
MC128-16.0E6P150-	16	1.5	8.5	15.5	35.7	18.7	E16	12	6	☺
MC128-16.0E6P200-	16	2	8.5	15.5	35.7	18.7	E16	12	6	☺
MC128-20.0E8P100-	20	1	11	19.3	40.8	21.3	E20	16	8	☺
MC128-20.0E8P200-	20	2	11	19.3	40.8	21.3	E20	16	8	☺
MC128-20.0E8P400-	20	4	11	19.3	40.8	21.3	E20	16	8	☺
MC128-25.0E8P100-	25	1	13.5	24.2	49.6	25.6	E25	20	8	☺
MC128-25.0E8P200-	25	2	13.5	24.2	49.6	25.6	E25	20	8	☺
MC128-25.0E8P400-	25	4	13.5	24.2	49.6	25.6	E25	20	8	☺

Shoulder milling $a_e \leq 0.1 \times D_c$
Ordering example for the grade WJ30TF: MC128-10.0E6P050-WJ30TF

D1

WALTER SELECT

●● Primary application ● Other application

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

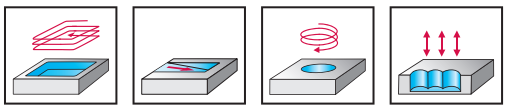
Solid carbide shoulder/slot milling cutters

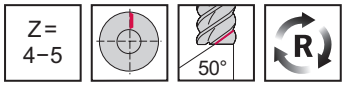
H2EC94717 mm

Protostar® Flash



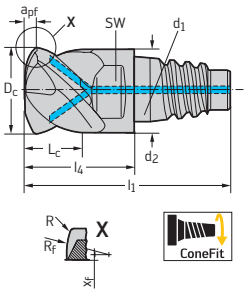
– Type Flash N 50





	P	M	K	N	S	H	O
TAA		●●			●		

Tool



ConeFit

Designation	D_c h9	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	SW mm	Z
H2EC94717-E10-10	10	0.7	1.7	5	1.998	1.5	6	23.6	12.4	E10	8	4
H2EC94717-E12-12	12	0.8	2.25	6	2.103	1.5	7.5	28.3	14.5	E12	10	4
H2EC94717-E16-16	16	1	3.1	8	2.747	2	10	35.7	18.7	E16	12	4
H2EC94717-E20-20	20	1.3	4	10	3.072	2	12	40.8	21.3	E20	16	4
H2EC94717-E25-25	25	1.6	5	12	4.206	3	15	49.6	25.6	E25	20	5

Shoulder milling $a_e \leq 0.5 \times D_c$

D1

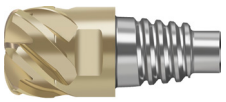
WALTER SELECT

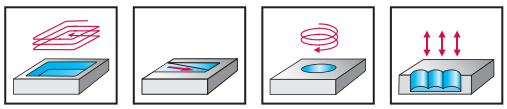
●● Primary application ● Other application

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

Solid carbide high-feed milling cutter

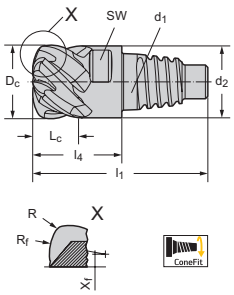
MD025 mm





	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●●		
WJ30RD (AlTiN+ZrN)	●●	●●	●	●	●●		

Tool



ConeFit

Designation	D_c h9	L_c mm	x_f mm	R_f mm	R_{ers} mm	R mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30RA	WJ30RD
MD025-10.0E5P150-	10	5.5	1.7	5	1.998	1.5	23.6	12.4	E10	8	5	☺	😐
MD025-12.0E6P150-	12	6.5	2.25	6	2.103	1.5	28.3	14.5	E12	10	6	☺	😐
MD025-16.0E6P200-	16	8.5	3.1	8	2.747	2	35.7	18.7	E16	12	6	☺	😐
MD025-20.0E6P200-	20	11	4	10	3.072	2	40.8	21.3	E20	16	6	☺	😐
MD025-25.0E6P300-	25	13.5	5	12	4.206	3	49.6	25.6	E25	20	6	☺	😐

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

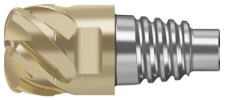
D1

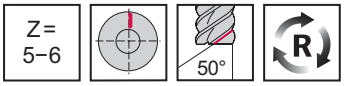
WALTER SELECT

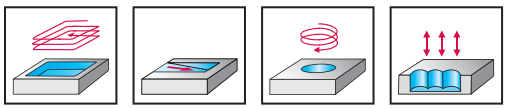
●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide high-feed milling cutter

MD025 inch

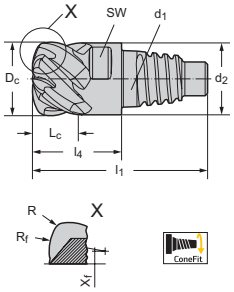






	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●●		
WJ30RD (AlTiN+ZrN)	●●	●●	●	●	●●		

Tool



ConeFit

Designation	D_c h9	L_c inch	x_f inch	R_f inch	R_{ers} inch	R inch	l_1 inch	l_4 inch	d_1	SW inch	Z	WJ30RA	WJ30RD
MD025.9.53E5P152-	0.375	0.209	0.067	0.181	0.076	0.060	0.929	0.488	E10	0.315	5	☺	😐
MD025.12.7E6P152-	0.500	0.276	0.098	0.236	0.086	0.060	1.114	0.571	E12	0.394	6	☺	😐
MD025.15.9E6P203-	0.625	0.335	0.118	0.315	0.110	0.080	1.406	0.736	E16	0.472	6	☺	😐
MD025.19.1E6P203-	0.750	0.413	0.157	0.354	0.117	0.080	1.606	0.839	E20	0.630	6	☺	😐
MD025.25.4E6P318-	1.000	0.551	0.197	0.472	0.174	0.125	1.953	1.008	E25	0.787	6	☺	😐

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

D1

WALTER SELECT

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

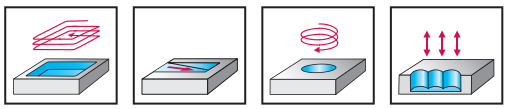
Solid carbide shoulder/slot milling cutters

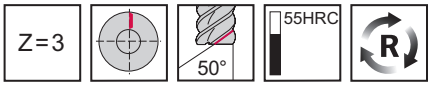
H3E93718 mm

Protostar® Flash



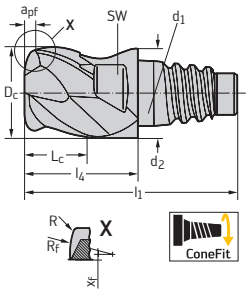
– Type Flash N 50





	P	M	K	N	S	H	O
TAX	●●	●	●		●		

Tool



ConeFit

Designation	D_c h9	a_{pf} mm	L_c mm	x_f mm	R_f mm	R_{ers} mm	R mm	l_1 mm	l_4 mm	d_1	SW mm	Z
H3E93718-E10-10	10	0.7	5.5	1.7	5	1.998	1.5	23.6	12.4	E10	8	3
H3E93718-E12-12	12	0.8	6.5	2.25	6	2.103	1.5	28.3	14.5	E12	10	3
H3E93718-E16-16	16	1.0	8.5	3.1	8	2.747	2.0	35.7	18.7	E16	12	3

Shoulder milling $a_e \leq 0.5 \times D_c$

D1

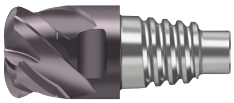
WALTER SELECT

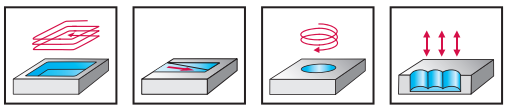
●● Primary application ● Other application

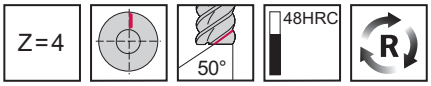
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide high-feed milling cutter

MC025 Advance mm

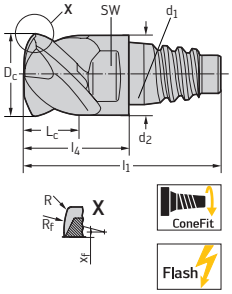






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



ConeFit

Designation	D_c h9	a_{pf} mm	x_f mm	R_f mm	R_{ers} mm	R mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30TF
MC025-10.0E4P150-	10	5.5	1.7	5	1.998	1.5	23.6	12.4	E10	8	4	☹
MC025-12.0E4P150-	12	6.5	2.25	6	2.103	1.5	28.3	14.5	E12	10	4	☹
MC025-16.0E4P200-	16	8.5	3.1	8	2.747	2	35.7	18.7	E16	12	4	☹
MC025-20.0E4P200-	20	11	4	10	3.072	2	40.8	21.3	E20	16	4	☹
MC025-25.0E4P300-	25	13.5	5	12	4.206	3	49.6	25.6	E25	20	4	☹

Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WJ30TF: MC025-10.0E4P150-WJ30TF

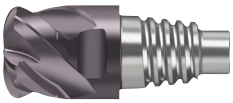
D1

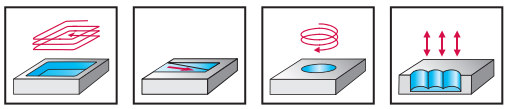
WALTER SELECT

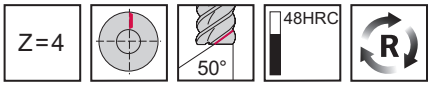
●● Primary application ● Other application
Best tool for ➔ Good = ☺ ➔ Average = ☹ ➔ Poor = ☠ machining conditions

Solid carbide high-feed milling cutter

MC025 Advance inch

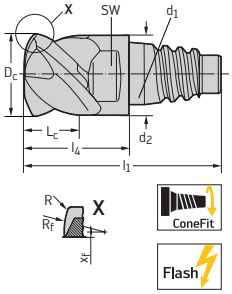






	P	M	K	N	S	H	O
WJ30TF (TiAlN)	●●	●	●		●		

Tool



ConeFit

Designation	D_c h9	L_c inch	x_f inch	R_f inch	R_{ers} inch	R inch	l_1 inch	l_4 inch	d_1	SW mm	Z	WJ30TF
MC025.9.53E4P152-	0.375	0.209	0.067	0.181	0.076	0.060	0.929	0.488	E10	8	4	☺
MC025.12.7E4P152-	0.500	0.276	0.098	0.236	0.086	0.060	1.114	0.571	E12	10	4	☺
MC025.15.9E4P203-	0.625	0.335	0.118	0.315	0.110	0.080	1.406	0.736	E16	12	4	☺
MC025.19.1E4P203-	0.750	0.413	0.157	0.354	0.117	0.080	1.606	0.839	E20	16	4	☺
MC025.25.4E4P318-	1.000	0.551	0.197	0.472	0.174	0.125	1.953	1.008	E25	20	4	☺

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

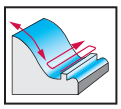
Solid carbide ball-nose copy milling cutters

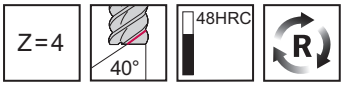
H8E11118 mm

Protostar®



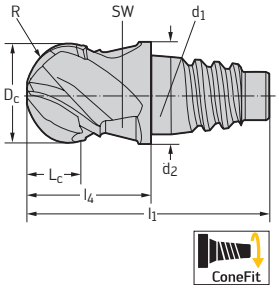
– Type N 40





	P	M	K	N	S	H	O
TAX	●●	●●	●	●			

Tool



ConeFit

Designation	D_c h9	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z
H8E11118-E10-10	10	5	5.5	9.7	23.6	12.4	E10	8	4
H8E11118-E12-12	12	6	6.5	11.7	28.3	14.5	E12	10	4
H8E11118-E16-16	16	8	8.5	15.5	35.7	18.7	E16	12	4
H8E11118-E20-20	20	10	11	19.3	40.8	21.3	E20	16	4
H8E11118-E25-25	25	12.5	13.5	24.2	49.6	25.6	E25	20	4

D1

WALTER SELECT

●● Primary application ● Other application

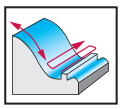
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

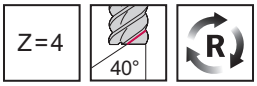
Solid carbide ball-nose copy milling cutters

AH8E11118 inch

Protostar®

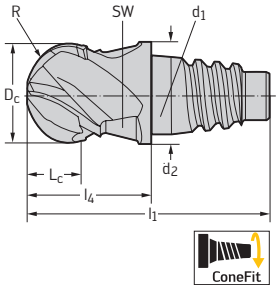






	P	M	K	N	S	H	O
TAX	●●	●●	●	●			

Tool



ConeFit

Designation	D_c h9	R inch	L_c inch	d_2 inch	l_1 inch	l_4 inch	d_1	SW inch	Z
AH8E11118-E10-3/8	0.375	0.187	0.209	0.364	0.929	0.488	E10	0.315	4
AH8E11118-E12-1/2	0.500	0.250	0.276	0.484	1.114	0.575	E12	0.394	4
AH8E11118-E16-5/8	0.625	0.312	0.335	0.61	1.406	0.736	E16	0.472	4
AH8E11118-E20-3/4	0.750	0.375	0.413	0.728	1.606	0.839	E20	0.630	4
AH8E11118-E25-1	1.000	0.500	0.551	0.965	1.953	1.008	E25	0.787	4

D1

WALTER SELECT

●● Primary application ● Other application

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

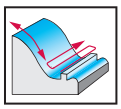
Solid carbide ball-nose copy milling cutters

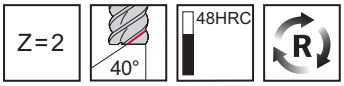
H8E01118 mm

Protostar®



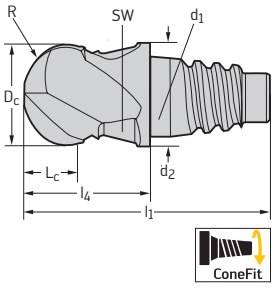
– Type N 40





	P	M	K	N	S	H	O
TAX	●●	●●	●	●			

Tool



ConeFit

Designation	D_c h9	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z
H8E01118-E10-10	10	5	5.5	9.7	23.6	12.4	E10	8	2
H8E01118-E12-12	12	6	6.5	11.7	28.3	14.5	E12	10	2
H8E01118-E16-16	16	8	8.5	15.5	35.7	18.7	E16	12	2
H8E01118-E20-20	20	10	11	19.3	40.8	21.3	E20	16	2

D1

WALTER SELECT

●● Primary application ● Other application

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

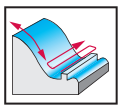
Solid carbide ball-nose copy milling cutters

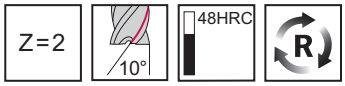
H1E01118 mm

Protostar®



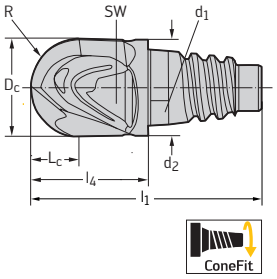
– Type N 10





	P	M	K	N	S	H	O
TAX	●●	●●	●	●			

Tool



ConeFit

Designation	D_c h9	R mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z
H1E01118-E10-10	10	5	8	9.7	23	11.8	E10	6	2
H1E01118-E12-12	12	6	10	11.7	27.8	14	E12	8	2
H1E01118-E16-16	16	8	13	15.5	35.1	18.1	E16	10	2

D1

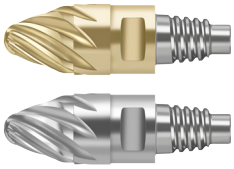
WALTER SELECT

●● Primary application ● Other application

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

Solid carbide circle segment milling cutters

MD838 mm



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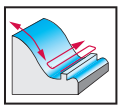
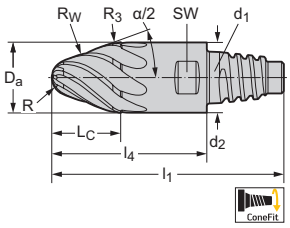


	P	M	K	N	S	H	O
WJ30RA (TiAlN+TiAl)		●●		●	●●		
WJ30RD (AlTiN+ZrN)	●●	●●	●	●	●●		

Tool

Designation	α/2	D_a mm	R_w mm	R_3 mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WJ30RA	WJ30RD
MD838-16E8P201000-	20°	16	1.000	5	2	18.99	51.2	34.2	E16	12	8	☺	😐
MD838-16E8P301000-	20°	16	1.000	5	3	17.07	51.2	34.2	E16	12	8	☺	😐
MD838-16E8P401000-	20°	16	1.000	5	4	15.17	51.2	34.2	E16	12	8	☺	😐



ConeFit

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

D1

WALTER SELECT

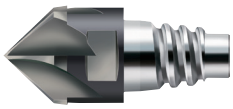
●● Primary application ● Other application

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

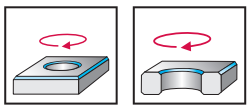
120° solid carbide chamfer mill

H3E58118 mm

Protostar®



– 120° type chamfer milling cutters

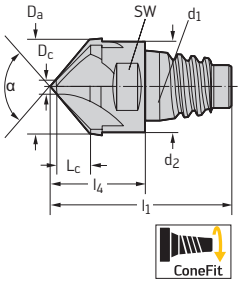




	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool

Designation	D_c mm	D_a mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	SW mm	Z
H3E58118-E12-12	3	12	2.6	11.7	28	14	E12	10	6



ConeFit

Shoulder milling $a_e \leq 0.3 \times D_a$

D1

WALTER SELECT

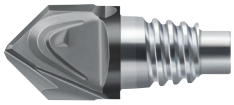
●● Primary application ● Other application

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

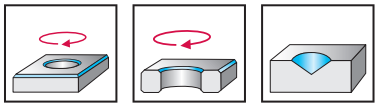
120° solid carbide chamfer mill

H1E58118 mm

Protostar®



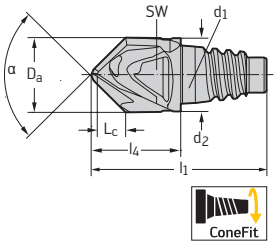
– 120° type chamfer milling cutters





	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool



ConeFit

Designation	D_c mm	D_a mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	SW mm	Z
H1E58118-E10-10	1.5	10	2.43	9.7	23	12	E10	6	2
H1E58118-E12-12	1.5	12	3.03	11.7	28	14	E12	8	2

Shoulder milling $a_e \leq 0.5 \times D_a$

D1

WALTER SELECT

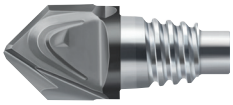
●● Primary application ● Other application

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

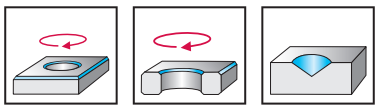
150° solid carbide chamfer mill

H1E58018 mm

Protostar®



– Type chamfer milling cutter 150°

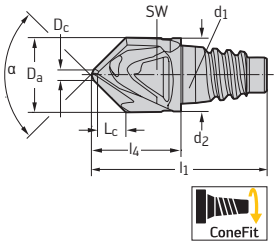




	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool

Designation	D_c mm	D_a mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	SW mm	Z
H1E58018-E12-12	1.5	12	1.6	11.7	28	14	E12	8	2



ConeFit

Shoulder milling $a_e \leq 0.5 \times D_a$

WALTER SELECT

●● Primary application ● Other application

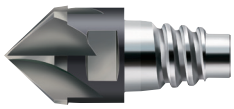
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

D1

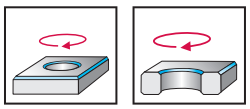
60° solid carbide chamfer mill

H3E58518 mm

Protostar®



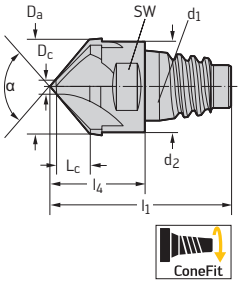
– 60° type chamfer milling cutters





	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool



ConeFit

Designation	D_c mm	D_a mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	SW mm	Z
H3E58518-E10-10	3.5	10	5.6	9.7	24	12	E10	8	4
H3E58518-E12-12	4.5	12	6.5	11.7	28	15	E12	10	6

Shoulder milling $a_e \leq 0.3 \times D_a$

D1

WALTER SELECT

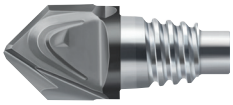
●● Primary application ● Other application

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

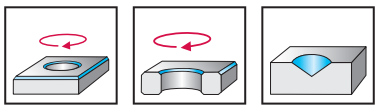
60° solid carbide chamfer mill

H1E58518 mm

Protostar®



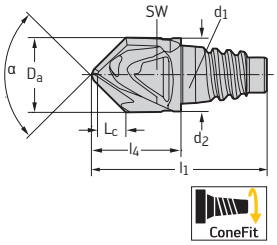
– 60° type chamfer milling cutters





	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool



ConeFit

Designation	D_c mm	D_a mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	SW mm	Z
H1E58518-E10-10	1.5	10	7.23	9.7	23	12	E10	6	2
H1E58518-E12-12	1.5	12	7.73	11.7	28	14	E12	8	2

Shoulder milling $a_e \leq 0.5 \times D_a$

D1

WALTER SELECT

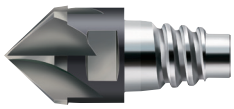
●● Primary application ● Other application

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

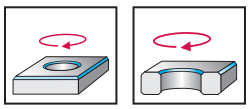
90° solid carbide chamfer mill

H3E58318 mm

Protostar®



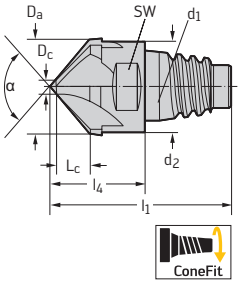
– 90° type chamfer milling cutters





	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool



ConeFit

Designation	D_c mm	D_a mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	SW mm	Z
H3E58318-E10-10	1.5	10	4.25	9.7	24	12	E10	8	4
H3E58318-E12-12	3	12	4.5	11.7	28	13	E12	10	6
H3E58318-E16-16	3	16	6.5	15.5	36	17	E16	12	8

Shoulder milling $a_e \leq 0.3 \times D_a$

D1

WALTER SELECT

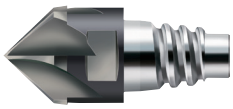
●● Primary application ● Other application

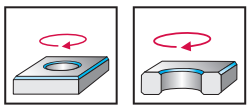
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide chamfer milling cutter 90°

AH3E58318 inch

Protostar®

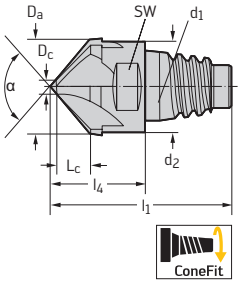






	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool



ConeFit

Designation	D_c inch	D_a inch	L_c inch	d_2 inch	l_1 inch	l_4 inch	d_1 inch	SW inch	Z
AH3E58318-E12-1/2	0.118	0.500	0.191	0.484	1.114	0.512	E12	0.394	6
AH3E58318-E16-5/8	0.256	0.625	0.256	0.61	1.406	0.677	E16	0.472	8

Shoulder milling $a_e \leq 0.3 \times D_c$

D1

WALTER SELECT

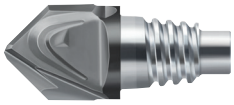
●● Primary application ● Other application

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

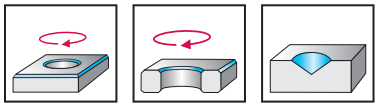
90° solid carbide chamfer mill

H1E58318 mm

Protostar®



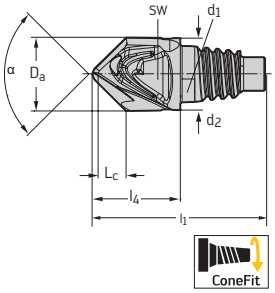
– 90° type chamfer milling cutters





	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool



ConeFit

Designation	D_c mm	D_a mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1 mm	SW mm	Z
H1E58318-E10-10	1.5	10	4.23	9.7	23	12	E10	6	2
H1E58318-E12-12	1.5	12	5.23	11.7	28	14	E12	8	2
H1E58318-E16-16	1.5	16	7.23	15.5	35	18	E16	10	2

Shoulder milling $a_e \leq 0.5 \times D_a$

D1

WALTER SELECT

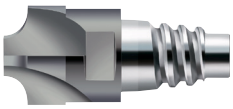
●● Primary application ● Other application

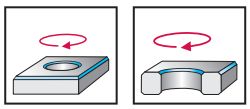
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Solid carbide quarter-round profile mill

H3E68118 mm

Protostar®

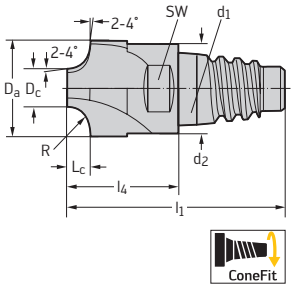




Z=4 | 0° | 48HRC | R

	P	M	K	N	S	H	O
TAX	●●	●	●	●	●		

Tool



ConeFit

Designation	R mm	D_c mm	D_a mm	L_c mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z
H3E68118-E10-10-1	1	5	10	1	9.7	23.6	12.4	E10	8	4
H3E68118-E10-10-2	2	5	10	2	9.7	23.6	12.4	E10	8	4
H3E68118-E10-10-3	3	4	10	3	9.7	23.6	12.4	E10	8	4
H3E68118-E12-12-3	3	5	12	3	11.7	28.3	14.5	E12	10	4
H3E68118-E16-16-4	4	6	16	4	15.5	35.7	18.7	E16	12	4
H3E68118-E16-16-5	5	6	16	5	15.5	35.7	18.7	E16	12	4
H3E68118-E20-20-6	6	8	20	6	19.3	40.8	21.3	E20	16	4

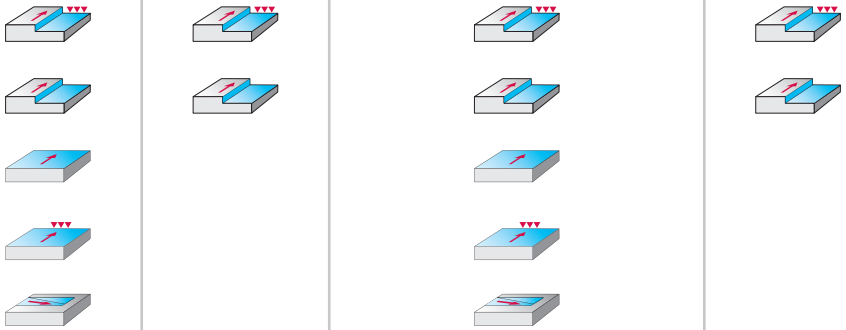
D1

WALTER SELECT

●● Primary application ● Other application

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

Shoulder milling cutters





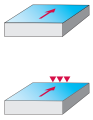
Designation					
Diameter range	40–63	32–40	50–80	40–63	25–40
Number of teeth	6	4–6	6–8	6	4–6
Corner radius	—	—	—	—	—
Diameter range	—	—	—	—	—
Number of teeth					
Corner radius					
Standard					
Shank	Modular NCT adaptor	DIN 1835 B	Shell mill mount DIN 138 transverse keyway	Modular NCT adaptor	DIN 1835 B
P Steel	●●	●●	●●		
M Stainless steel					
K Cast iron				●●	●●
N NF metals					
S Materials with difficult cutting properties					
H Hard materials					
O Other					
Page in catalog	D 249	D 248	D 250	D 249	D 248
QR code					
www.walter-tools.com/woc/	F1682	F1678	F1675	F1682	F1678

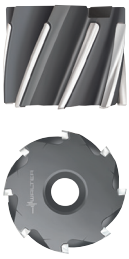
D1

WALTER SELECT ●● Primary application ● Other application

Shoulder milling cutters













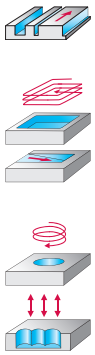
Designation		MP260	MP160	MP060
Diameter range	50–80	4–20	16–40	40.6–125.6
Number of teeth	6–8	2–3	3–4	10–22
Corner radius	—	0.1–0.2	0.2	—
Diameter range	—	—	—	—
Number of teeth				
Corner radius				
Standard				
Shank	Shell mill mount DIN 138 transverse keyway	ScrewFit Cylindrical shank	ScrewFit Cylindrical shank	Shell mill mount DIN 138 transverse keyway
P Steel				
M Stainless steel				
K Cast iron	●●			
N NF metals		●●	●●	●●
S Materials with difficult cutting properties				
H Hard materials				
O Other		●	●	●
Page in catalog	D 250	D 254	D 252	D 251
QR code				
www.walter-tools.com/woc/	F1675	MP260	MP160	MP060

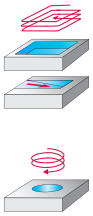
WALTER SELECT

●● Primary application ● Other application

D1

Brazed milling tools









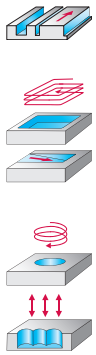
Designation	MC275	MC075
Diameter range	8–12	8–12
Number of teeth	4–6	4
Corner radius	1	1–1.5
Diameter range	—	—
Number of teeth		
Corner radius		
Standard	PWZ-NORM	PWZ-NORM
Shank	DIN 6535 HA	DIN 6535 HA
P Steel		
M Stainless steel		
K Cast iron		
N NF metals		
S Materials with difficult cutting properties	●●	●●
H Hard materials		
O Other		
Page in catalog	D 256	D 257
QR code		
www.walter-tools.com/woc/	MC275	MC075

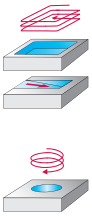
D1

WALTER SELECT

●● Primary application ● Other application

Brazed milling tools









Designation	MC275	MC075
Diameter range	12–25	16–25
Number of teeth	4–8	4
Corner radius	1–1.5	2–3
Diameter range	—	—
Number of teeth		
Corner radius		
Standard	PWZ-NORM	PWZ-NORM
Shank	ConeFit	ConeFit
P Steel		
M Stainless steel		
K Cast iron		
N NF metals		
S Materials with difficult cutting properties	●●	●●
H Hard materials		
O Other		
Page in catalog	D 258	D 259
QR code		
www.walter-tools.com/woc/	MC275	MC075

WALTER SELECT

●● Primary application ● Other application

D1

Brazed helical shoulder milling cutters

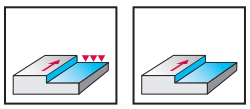
F1678 mm



Z= 4–6

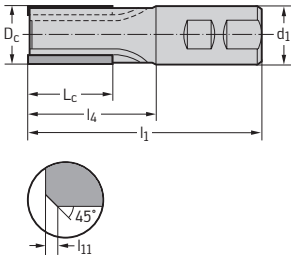


– Brazed cutting edges



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

Tool



DIN 1835 B

Designation	$D_{c\ js16}$ mm	l_{11} mm	L_c mm	l_4 mm	l_1 mm	d_1 h6	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

D1

WALTER SELECT

●● Primary application ● Other application

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

Brazed helical shoulder milling cutters

F1682 mm

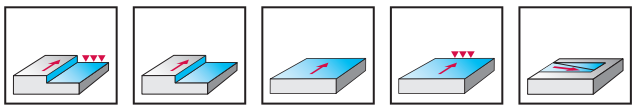


Z=6



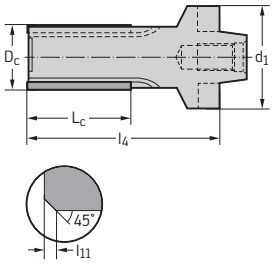


– Brazed cutting edges



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

Tool



Modular NCT adaptor

Designation	$D_{c\ js16}$ mm	l_{11} mm	L_c mm	l_4 mm	l_1 mm	d_1 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	3.31
F1682.N8.063.Z06.100.P	63	0.8	100	150	168	80	6	3.43

D1

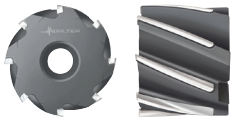
WALTER SELECT

●● Primary application ● Other application

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

Brazed helical shoulder milling cutters

F1675 mm

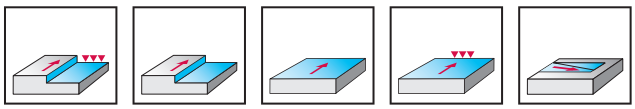


Z= 6–8



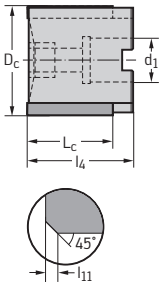


– Brazed cutting edges



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

Tool



Shell mill mount DIN 138 transverse keyway

Designation	$D_{c\ js16}$ mm	l_{11} mm	L_c mm	l_1 mm	d_1 mm	Z	kg
F1675.B.050.Z06.40.K	50	0.8	40	50	22	6	0.53
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	1
F1675.B.063.Z06.50.P	63	0.8	50	63	27	6	0.99
F1675.B.080.Z08.50.K	80	1	50	63	32	8	1.53
F1675.B.080.Z08.50.P	80	1	50	63	32	8	1.49

WALTER SELECT

●● Primary application ● Other application

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

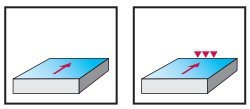
D1

PCD face milling cutters

MP060 mm



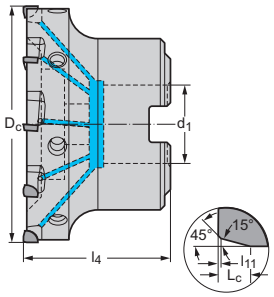
– κ = 75° up to L_c = 1.1 mm



Z= 10–22

	P	M	K	N	S	H	O
WDN20				●●			●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	l_{11} mm	L_c mm	l_4 mm	d_1 mm	Z	kg	WDN20
MP060-040B10P	40	0.1	1.1	40	16	10	0.3	☺
MP060-050B12P	50	0.1	1.1	40	22	12	0.4	☺
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	1.4	☺
MP060-125B22P	125	0.1	1.1	63	40	22	3.2	☺

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

D1

WALTER SELECT

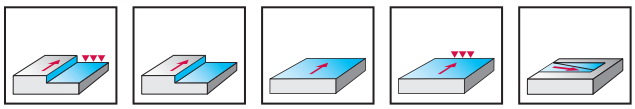
●● Primary application ● Other application

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

PCD shoulder milling cutters

MP160 mm

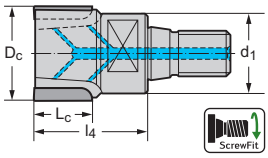




Z=4

	P	M	K	N	S	H	O
WDN20				●●			●

Tool





ScrewFit

Designation	D_c mm	R mm	L_c mm	l_4 mm	d_1	Z	kg	WDN20
MP160-020T04P	20	0.2	18	30	T18	4	0.05	☹
MP160-025T04P	25	0.2	20	35	T22	4	0.11	☹
MP160-032T04P	32	0.2	20	40	T28	4	0.39	☹
MP160-040T04P	40	0.2	20	40	T36	4	0.37	☹

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

D1

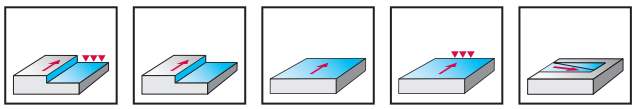
WALTER SELECT

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

PCD shoulder milling cutters

MP160 mm



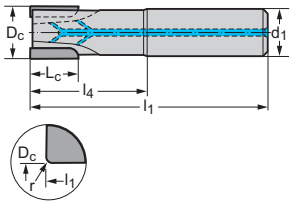


Z= 3–4

	P	M	K	N	S	H	O
WDN20				●●			●

Tool

Designation	D_c mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6	Z	kg	WDN20
MP160-016A03P	16	0.2	20	90	41	16	3	0.22	☺
MP160-020A04P	20	0.2	20	100	49	20	4	0.39	☺
MP160-025A04P	25	0.2	20	100	43	25	4	0.62	☺



Cylindrical shank

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

D1

WALTER SELECT

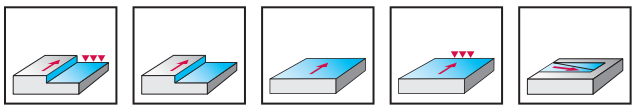
●● Primary application ● Other application

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

PCD routing cutters

MP260 mm



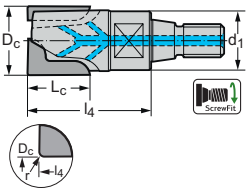


Z= 2–3



	P	M	K	N	S	H	O
WDN20				●●			●

Tool



ScrewFit

Designation	D_c mm	R mm	L_c mm	l_4 mm	d_1	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

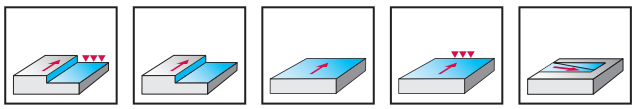
WALTER SELECT

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

PCD routing cutters

MP260 mm



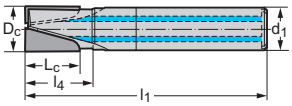


Z= 2–3



	P	M	K	N	S	H	O
WDN20				●●			●

Tool





Cylindrical shank

Designation	D_c mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1 h6	Z	kg	WDN20
MP260-004A02P	4	0.1	6	52	15	4	2	0.02	☹
MP260-005A02P	5	0.1	8	55	18	6	2	0.02	☹
MP260-006A02P	6	0.2	8	60	23	6	2	0.02	☹
MP260-008A02P	8	0.2	10	70	33	8	2	0.04	☹
MP260-010A02P	10	0.2	12	80	39	10	2	0.08	☹
MP260-012A02P	12	0.2	16	80	34	12	2	0.11	☹
MP260-016A02P	16	0.2	20	90	41	16	2	0.22	☹
MP260-016A03P	16	0.2	20	90	41	16	3	0.22	☹
MP260-020A03P	20	0.2	20	100	49	20	3	0.4	☹

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

D1

WALTER SELECT

●● Primary application ● Other application

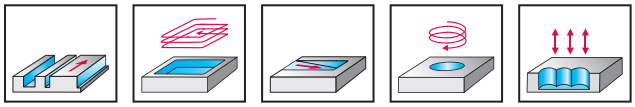
Best tool for → Good = ☺ → Average = ☹ → Poor = ☒ machining conditions

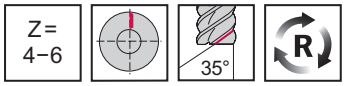
Ceramic shoulder/slot milling cutters

MC275 mm



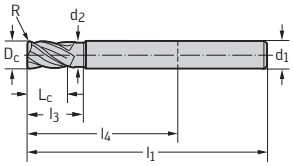
– Long reach





	P	M	K	N	S	H	O
WIS10					●●		

PWZ-NORM



DIN 6535 HA

Designation	D_c h12	R mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6	Z	WIS10
MC275-08.0A4P100C-	8	1	19	7.6	67	31	8	4	☻
MC275-10.0A4P100C-	10	1	22	9.5	75	35	10	4	☻
MC275-12.0A4P100C-	12	1	26	11.4	82	37	12	4	☻
MC275-12.0A6P100C-	12	1	26	11.4	82	37	12	6	☻

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

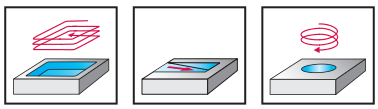
●● Primary application ● Other application
Best tool for ➔ Good = ☻ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

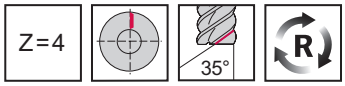
Ceramic shoulder/slot milling cutters

MC075 mm



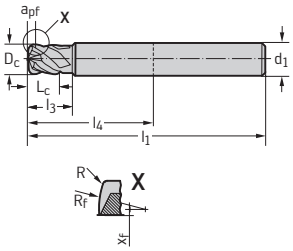
– Long reach





	P	M	K	N	S	H	O
WIS10					●●		

Tool



DIN 6535 HA

Designation	a_{pf} mm	D_c h12	x_f mm	R_f mm	R_{ers} mm	R mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6	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	☺

Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WIS10: MC075-08.0A4P100C-WIS10

D1

WALTER SELECT

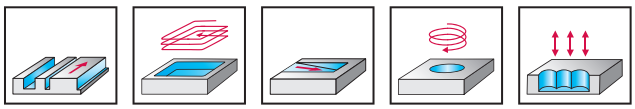
●● Primary application ● Other application

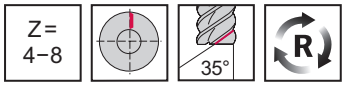
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

Ceramic shoulder/slot milling cutters

MC275 mm

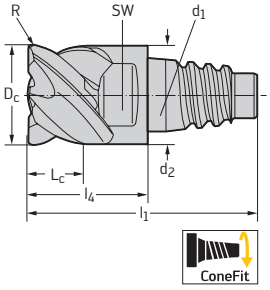






	P	M	K	N	S	H	O
WIS10					●●		

PWZ-NORM



ConeFit

Designation	D_c h12	R mm	d_2 mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WIS10
MC275-12.0E4P100-	12	1	11.7	32.6	18.8	E12	10	4	☻
MC275-12.0E6P100-	12	1	11.7	32.6	18.8	E12	10	6	☻
MC275-16.0E6P150-	16	1.5	15.5	42.7	25.7	E16	12	6	☻
MC275-16.0E8P150-	16	1.5	15.5	42.7	25.7	E16	12	8	☻
MC275-20.0E6P150-	20	1.5	19.3	47.8	28.3	E20	16	6	☻
MC275-20.0E8P150-	20	1.5	19.3	47.8	28.3	E20	16	8	☻
MC275-25.0E6P150-	25	1.5	24.2	56.6	32.6	E25	20	6	☻
MC275-25.0E8P150-	25	1.5	24.2	56.6	32.6	E25	20	8	☻

Shoulder milling $a_e \leq 0.1 \times D_c$

Ordering example for the grade WIS10: MC275-12.0E4P100-WIS10

D1

WALTER SELECT

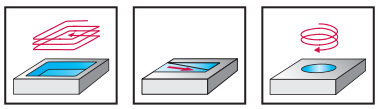
●● Primary application ● Other application

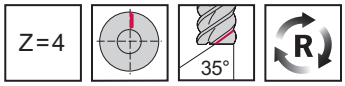
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

Ceramic shoulder/slot milling cutters

MC075 mm

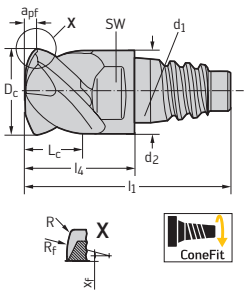






	P	M	K	N	S	H	O
WIS10					●●		

Tool



ConeFit

Designation	a_{pf} mm	D_c h12	x_f mm	R_f mm	R_{ers} mm	R mm	L_c mm	l_1 mm	l_4 mm	d_1	SW mm	Z	WIS10
MC075-16.0E4P200-	0.5	16	1.5	24	2.465	2	9	42.7	25.7	E16	12	4	☺
MC075-20.0E4P200-	0.65	20	2.2	30	2.607	2	9	47.8	28.3	E20	16	4	☺
MC075-25.0E4P300-	0.75	25	2.8	36	3.687	3	9	56.6	32.6	E25	20	4	☺

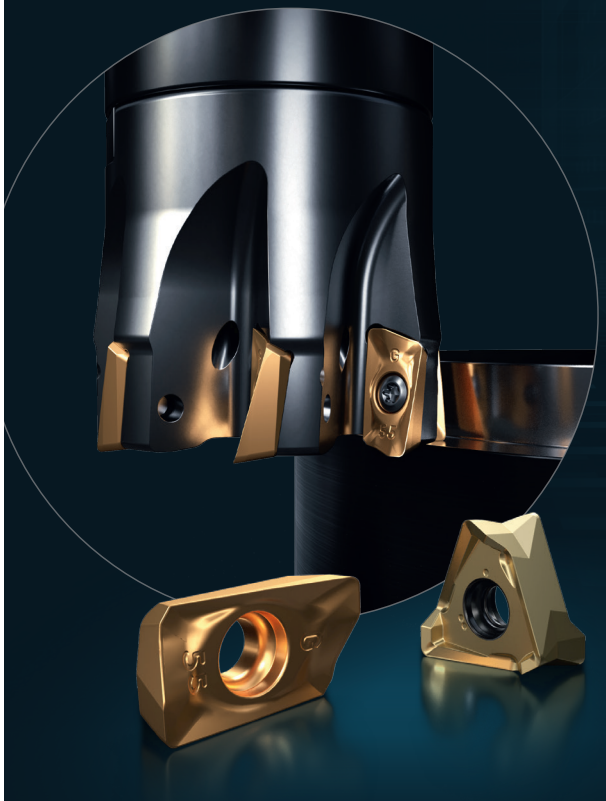
Shoulder milling $a_e \leq 0.5 \times D_c$
Ordering example for the grade WIS10: MC075-16.0E4P200-WIS10

D1

WALTER SELECT

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

Tiger·tec® Gold





tigertec-gold.walter

WALTER
Engineering Kompetenz

D – Milling

D2: Milling tools with indexable inserts

		Page
Indexable inserts for milling	Order pages	
	Positive indexable inserts	262
	Negative indexable inserts	297
	Tangential indexable inserts	313
Indexable insert milling cutters	Product range overview	
	Face milling cutters	326
	High-feed milling cutter	331
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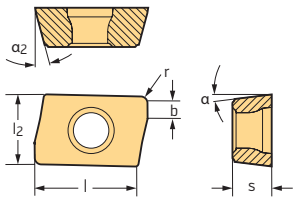
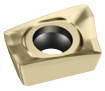
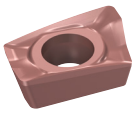
	Order pages	
	Face milling cutters	348
	Shoulder milling cutters	420
	High-feed milling cutter	538
	Slot milling cutters	562
	Copy milling cutters	610
	Profiling cutters	656

Positive rhombic
ACGT / ACMT
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	α_2	b mm	P HC				M HC			K HC						N HC	N HW	S HC		
											WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	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		☺	☺	😐	☺	☺	😐					😐	😐			☺	☺	😐

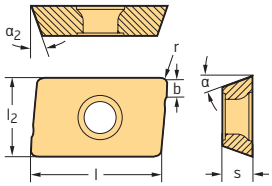
Ordering example for the grade WKP25S: ACGT060204R-G65 WKP25S

HC = Coated carbide
HW = Uncoated carbide

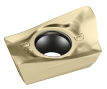
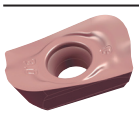
D2

WALTER SELECT Optimum indexable insert 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	α2	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	S HC 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																☺	😐				

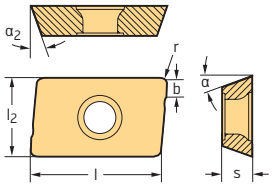
Ordering example for the grade WKP25S: ADGT0803PER-D51 WKP25S

HC = Coated carbide
HW = Uncoated carbide

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

D2

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



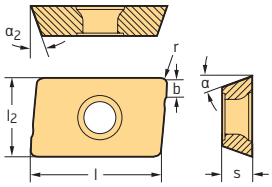
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α2	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	S HC WSP45S
	ADKT0803PEL-F56	K	2	3.35	9.52	0.4	15°	20°	1.2			😐	🙁	🙁			🙁	🙁						🙁					🙁	🙁
	ADKT0803PER-F56	K	2	3.35	9.52	0.4	15°	20°	1.2	😊		😐	🙁				🙁		😊			😐		🙁					🙁	
	ADKT10T3PER-F56	K	2	3.8	11.3	0.8	15°	15°	1.2			😐	🙁				🙁							🙁					🙁	
	ADKT1204PEL-F56	K	2	4.76	13.6	0.8	15°	20°	1.2			😐	🙁				🙁							🙁					🙁	
	ADKT1204PER-F56	K	2	4.76	13.6	0.8	15°	20°	1.2	😊		😐	🙁	🙁			🙁	🙁	😊			😐		🙁					🙁	🙁
	ADKT1606PEL-F56	K	2	6.15	17.5	0.8	15°	20°	1.6			😐	🙁	🙁			🙁	🙁						🙁					🙁	🙁
	ADKT1606PER-F56	K	2	6.15	17.5	0.8	15°	20°	1.6	😊		😐	🙁	🙁			🙁	🙁	😊			😐		🙁					🙁	🙁

Ordering example for the grade WKP25S: ADGT0803PER-D51 WKP25S

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	α2	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	ADMT080304R-D56	M	2	3.35	9.52	0.4	15°	20°	1.2	😊	😐	😐	🙁	🙁				🙁	🙁	😊			😐	🙁	🙁				🙁	🙁
	ADMT120408R-D56	M	2	4.76	13.6	0.8	15°	20°	1.2	😊	😐	😐	🙁					🙁		😊	😟	😐	😐	🙁	🙁				🙁	
	ADMT160608R-D56	M	2	6.15	17.5	0.8	15°	20°	1.6	😊	😐	😐	🙁					🙁		😊	😟	😐	😐	🙁	🙁				🙁	
	ADMT180712R-D56	M	2	7.04	19	1.2	15°	17°	1.8	😊	😐	😐	🙁					🙁			😟	😐	😐	🙁	🙁				🙁	

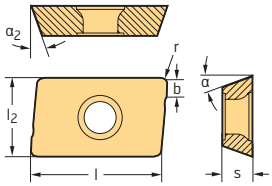
Ordering example for the grade WAK15: ADMT080304R-D56 WAK15

HC = Coated carbide

D2

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

Positive rhombic
ADMT
Tiger·tec® Gold



Indexable inserts

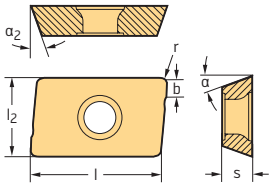
	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α2	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC 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

HC = Coated carbide

D2

Positive rhombic
ADMT
Tiger·tec® Gold



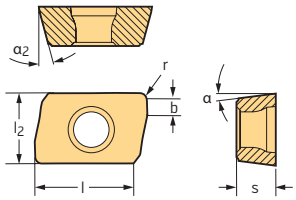
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α2	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC 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		😊	😊	😐		😟	😐		😐						😐	😐	😟	😐		😐	

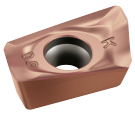
Ordering example for the grade WAK15: ADMT080304R-D56 WAK15

HC = Coated carbide

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



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α2	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	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															😊	😐				

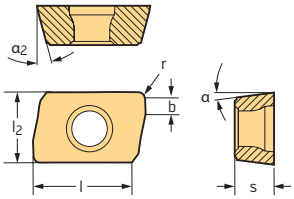
Ordering example for the grade WAK15: BCGT090304R-G55 WAK15

HC = Coated carbide
HW = Uncoated carbide

D2

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

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



Indexable inserts

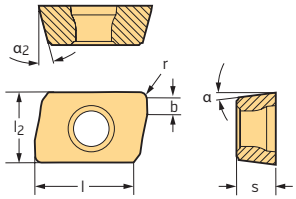
	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α_2	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	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		☺	☺	☹			☹	☹					☹	☹					☹	☹
	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		☺	☺	☹			☹	☹					☹	☹					☹	☹

Ordering example for the grade WAK15: BCGT090304R-G55 WAK15

HC = Coated carbide
HW = Uncoated carbide

D2

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



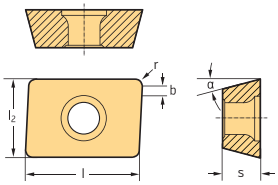
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	α_2	b mm	P HC				M HC				K HC						N HC	N HW	S HC			
										WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSM45X	WSP45G
	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

HC = Coated carbide
HW = Uncoated carbide

Positive rhombic
LDMT / LDMW
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	b mm	P HC					M HC			K HC				S HC		
										WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WSM35S	WSP45G	WSP45S	WKK25S	WKP25S	WKP35G	WKP35S	WSM35S	WSP45G	WSP45S
	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	☺	☺	😐	☹		😐	☹			😐	☹	☹	😐	☹	
	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		☹									☹				

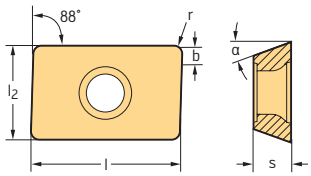
Ordering example for the grade WKP25S: LDMT08T204R-D51 WKP25S

HC = Coated carbide

D2

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

Positive rhombic
LPGT / LPMT / LPMW
Tiger·tec® Gold



Indexable inserts

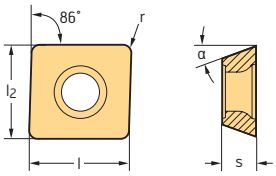
	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	b mm	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSP45G	M HC WSP45S	K HC WKP25S	K HC WKP35S	S HC WSP45G	S HC WSP45S
	LPGT15T308R-F55	G	2	3.97				11°				☹		☹				☹	
	LPMT070304R-D51	M	2	3.18	7.94	6.35	0.4	11°	1.2	☺	😐					😐	☹		
	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°		☺	😐					😐	☹		
	LPMW150412TR-A27	M	2	4.76	15.88	12.7	1.2	11°		😐	☹					😐	☹		

Ordering example for the grade WSP45G: LPGT15T308R-F55 WSP45G

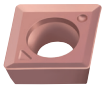
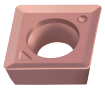
HC = Coated carbide

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

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



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	S HC WSM35G	S HC WSM35S	S HC WSP45G
	MPHT120408-G88	H	2	4.76	12.7	12.7	0.8	11°											☺			
	MPHW120408-A57	H	2	4.76	12.7	12.7	0.8	11°	😐		☹					😐		☹				
	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°	😐		☹					😐		☹				
	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°											☺			
	MPMT120408-F57	M	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°		😐	😐	☹	😡	😐	☹		☹	☹		😡	😐	☹

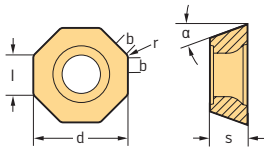
Ordering example for the grade WXN15: MPHT120408-G88 WXN15

HC = Coated carbide

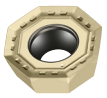
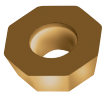
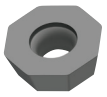
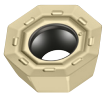
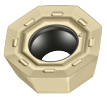
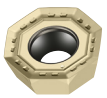
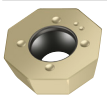
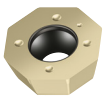
D2

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

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



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K CN WSN10	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	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°			🙂	😐	☹				☹					☹	☹						☹
	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																🙂	😐				
	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	🙂	☹	☹							🙂			😐	☹	☹						
	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°										🙂												
	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	🙂	🙂	😐	☹	😐	😐	☹	☹			😐	😐	😐	☹	☹			😐	😐	☹	☹
	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	🙂	🙂	😐	☹	😐	😐		☹					😐	☹	☹			😐	😐		☹
	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°		😐	☹	☹							🙂	😐	😐	😐	☹	☹						

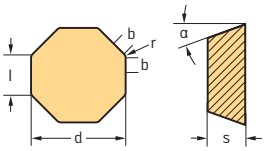
Ordering example for the grade WKP35G: ODHT050408-F57 WKP35G

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

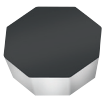
D2

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

Positive octagonal
OPHN
Tiger·tec® Silver



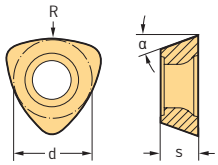
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	α	b mm	P HC WKP25S	K BH WCB80	K CN WSN10	K HC WAK15	K HC WKP25S	H BH WCB80
	OPHN0504ZZN-A27	H	2	4.76	12.7	12.7	0.4	11°	1.2		☺				☒
	OPHN050412-A57	H	8	4.76	12.7	12.7	1.2	11°				☺			
	OPHN0504ZZN-A57	H	8	4.76	12.7	12.7	0.4	11°	1.2	😐		☺	☺	😐	

Ordering example for the grade WCB80: OPHN0504ZZN-A27 WCB80

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

Positive triangular
P26315 / P26325
Tiger·tec® Gold



Indexable inserts

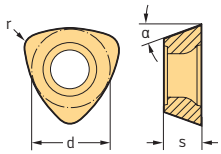
	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	R mm	P HC WKP25S	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35S	S HC WSP45G
	P26315R10	M	3	2.78	6.75	14°	10	☺	😐	☒	☒	😐	☒	☒
	P26315R12	M	3	3.18	8.5	14°	12.5	☺	😐	☒	☒	😐	☒	☒
	P26315R15	M	3	3.97	10.5	14°	15	☺	😐	☒	☒	😐	☒	☒
	P26315R16	M	3	3.97	10.5	14°	16	☺	😐	☒	☒	😐	☒	☒
	P26315R20	M	3	4.76	12.5	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	12.5	11°	19.1		😐				☒	
	P26325R31	M	3	4.76	12.7	11°	31.5	☺	😐	☒	☒	😐	☒	☒

HC = Coated carbide

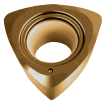
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☒ machining conditions

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 HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSP45G
	P26335R10	M	3	3.18	6.75	0.8	14°	●	●	●	○	○	●	●	●	○	○	●
	P26335R14	M	3	3.97	9.52	1.2	14°	●	●	●	○	○	●	●	●	○	○	●
	P26335R25	M	3	5.56	13	2	14°	●	●	●	○	○	●	●	●	○	○	●
	P26337R10	M	3	3.18	6.75	0.8	14°	●	●	●			●	●	●			●
	P26337R14	M	3	3.97	9.52	1.2	14°	●	●	●			●	●	●			●
	P26337R25	M	3	5.56	13	2	14°	●	●	●			●	●	●			●
	P26339R10	M	3	3.18	6.75	0.8	14°	●	●	●	○	○	●	●	●	○	○	●
	P26339R14	M	3	3.97	9.52	1.2	14°	●	●	●	○	○	●	●	●	○	○	●
	P26339R25	M	3	5.56	13	2	14°	●	●	●	○	○	●	●	●	○	○	●

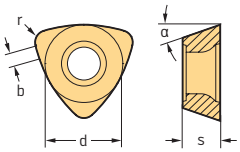
Ordering example for the grade WKP35G: P26335R10 WKP35G

HC = Coated carbide

D2

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

Positive triangular
P26379
Tiger·tec® Gold



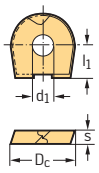
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	r mm	α	b mm	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP35G	K HC WKP35S	S HC 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
P3201 / P3204
Tiger·tec®



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	$D_c^{-0.0012}$ in	$D_c^{-0.03}$ mm	s mm	l_1 mm	d_1 mm	P HC WHH15X	P HC WKP25	P HC WKP35	P HC WSP46	M HC WSM36	M HC WSP46	K HC WHH15X	K HC WKP25	K HC WKP35	S HC WSM36	S HC WSP46	H HC WHH15X
	P3201-D07.94	H	2	0.313	7.94	2	4	3	☺						☺					☺
	P3201-D08	H	2	0.315	8.00	2	4	3	☺						☺					☺
	P3201-D09.52	H	2	0.375	9.53	2.5	5	4	☺						☺					☺
	P3201-D10	H	2	0.394	10.00	2.5	5	4	☺	😐	☹				☺	😐	☹			☺
	P3201-D12	H	2	0.472	12.00	2.5	6	5	☺	😐	☹				☺	😐	☹			☺
	P3201-D12.7	H	2	0.500	12.70	2.5	6	5	☺						☺					☺
	P3201-D15.87	H	2	0.625	15.88	3	6	5	☺						☺					☺
	P3201-D16	H	2	0.630	16.00	3	6	5	☺	😐	☹				☺	😐	☹			☺
	P3201-D19.05	H	2	0.750	19.05	3	6	5	☺						☺					☺
	P3201-D20	H	2	0.787	20.00	3	6	5	☺	😐	☹				☺	😐	☹			☺
	P3201-D25	H	2	0.984	25.00	4	9	6	☺	😐	☹				☺	😐	☹			☺
	P3201-D25.4	H	2	1.000	25.40	4	9	6	☺						☺					☺
	P3201-D30	H	2	1.181	30.00	5	10	8	☺						☺					☺
	P3201-D31.75	H	2	1.250	31.75	5	10	8	☺						☺					☺
	P3201-D32	H	2	1.260	32.00	5	10	8	☺						☺					☺

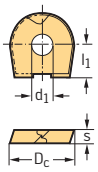
Ordering example for the grade WHH15X: P3201-D07.94 WHH15X

HC = Coated carbide

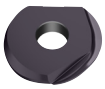
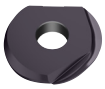
D2

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

Profile milling cutter inserts
P3201 / P3204
Tiger·tec®



Indexable inserts

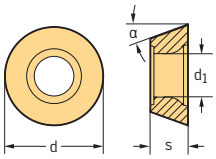
	Designation	Tolerance class	Number of cutting edges	$D_c^{-0.0012}$ in	$D_c^{-0.03}$ mm	s mm	l_1 mm	d_1 mm	P HC WHH15X	P HC WKP25	P HC WKP35	P HC WSP46	M HC WSM36	M HC WSP46	K HC WHH15X	K HC WKP25	K HC WKP35	S HC WSM36	S HC WSP46	H HC WHH15X
	P3204-D07.94	H	2	0.313	7.94	2	4	3							☺					☺
	P3204-D08	H	2	0.315	8.00	2	4	3				☹	😐	☹	☺			😐	☹	☺
	P3204-D09.52	H	2	0.375	9.53	2.5	5	4							☺					☺
	P3204-D10	H	2	0.394	10.00	2.5	5	4				☹	😐	☹	☺			😐	☹	☺
	P3204-D12	H	2	0.472	12.00	2.5	6	5				☹	😐	☹	☺			😐	☹	☺
	P3204-D12.7	H	2	0.500	12.70	2.5	6	5							☺					☺
	P3204-D15.87	H	2	0.625	15.88	3	6	5							☺					☺
	P3204-D16	H	2	0.630	16.00	3	6	5		☺		☹	😐	☹	☺	😐		😐	☹	☺
	P3204-D19.05	H	2	0.750	19.05	3	6	5							☺					☺
	P3204-D20	H	2	0.787	20.00	3	6	5		☺		☹	😐	☹	☺	😐		😐	☹	☺
	P3204-D25	H	2	0.984	25.00	4	9	6				☹	😐	☹	☺			😐	☹	☺
	P3204-D25.4	H	2	1.000	25.40	4	9	6							☺					☺
	P3204-D30	H	2	1.181	30.00	5	10	8				☹	😐	☹	☺			😐	☹	☺
	P3204-D31.75	H	2	1.250	31.75	5	10	8							☺					☺
	P3204-D32	H	2	1.260	32.00	5	10	8				☹	😐	☹	☺			😐	☹	☺
	P3204-D09.52	H	2	0.375	9.53	2.5	5	4				☹		☹					☹	
	P3204-D12.7	H	2	0.500	12.70	2.5	6	5				☹	😐	☹				😐	☹	
	P3204-D15.87	H	2	0.625	15.88	3	6	5				☹		☹					☹	
	P3204-D19.05	H	2	0.750	19.05	3	6	5				☹	😐	☹				😐	☹	
	P3204-D25.4	H	2	1.000	25.40	4	9	6				☹		☹					☹	
	P3204-D31.75	H	2	1.250	31.75	5	10	8				☹		☹					☹	

Ordering example for the grade WHH15X: P3201-D07.94 WHH15X

HC = Coated carbide

D2

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



Indexable inserts

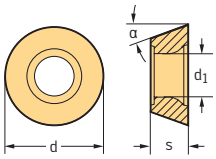
	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d_1 mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSP45G	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HW WK10	S HC WSM35S	S HC WSP45G	H HC WHH15X
	RDGX0501M0-G88	G	4	1.45	5	15°	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														😐			
	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		😐	☹	☹							😐	☹	☹				
	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 WK10: RDGX0501M0-G88 WK10

HC = Coated carbide
HW = Uncoated carbide

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

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



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d_1 mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WHH15X	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15X
	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	☺								☺									☺
	RDMT0803M0-D57	M	4	3.18	8	15°	3.4				😐	☹	😟	😐	☹				☹			😟	😐	☹	
	RDMT10T3M0-D57	M	4	3.97	10	15°	4.4		☺	😐	😐	☹	😟	😐	☹		😐	☹	☹			😟	😐	☹	
	RDMT1204M0-D57	M	6	4.76	12	15°	4.4		☺	😐	😐	☹	😟	😐	☹		😐	☹	☹			😟	😐	☹	
	RDMT1605M0-D57	M	6	5.56	16	15°	5.5		☺	😐	😐	☹	😟	😐	☹		😐	☹	☹			😟	😐	☹	
	RDMT2006M0-D57	M	6	6.35	20	15°	6.5		☺	😐	😐	☹	😟	😐	☹		😐	☹	☹			😟	😐	☹	
	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		😐	☹	☹						😐	☹	☹						

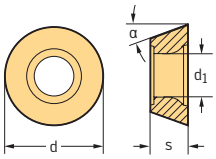
Ordering example for the grade WK10: RDGT0803M0-G88 WK10

HC = Coated carbide
HW = Uncoated carbide

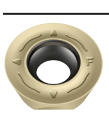
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

D2

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



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d_1 mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P WMP45G	P HC WSP45G	P WSP45S	M WMP45G	M HC WSM35G	M HC WSM35S	M WSM45X	M HC WSP45G	M WSP45S	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	S WSP45S	H HC WHH15X
	ROGX0803M04-G88	G	4	3.18	8	11°																					😊	😐						
	ROGX10T3M08-G88	G	8	3.97	10	11°																					😊	😐						
	ROGX1204M08-G88	G	8	4.76	12	11°																					😊	😐						
	ROGX1605M08-G88	G	8	5.56	16	15°																					😊	😐						
	ROGX2006M08-G88	G	8	6.35	20	15°																					😊							
	ROHX0803M04-A57	H	4	3.18	8	11°		😊	😐	😵	😵										😊	😐	😐	😐	😵	😵								😊
	ROHX0803M04-D57	H	4	3.18	8	11°					😐		😵				😐		😵							😵				😐		😵		
	ROHX0803M04-D67	H	4	3.18	8	11°							😐						😐													😐		
	ROHX2006M0T8-A27	H	8	6.35	20	15°					😵															😵								
	ROHX10T3M08-A57	H	8	3.97	10	11°		😊	😐	😵	😵										😊	😐	😐	😐	😵	😵								😊
	ROHX1204M08-A57	H	8	4.76	12	11°		😊	😐	😵	😵										😊	😐	😐	😐	😵	😵								😊
	ROHX1605M08-A57	H	8	5.56	16	15°		😊	😐	😵	😵										😊	😐	😐	😐	😵	😵								😊
	ROHX2006M08-A57	H	8	6.35	20	15°		😊	😐	😵	😵										😊	😐	😐	😐	😵	😵								😊
	ROHX2006M08-D57	H	8	6.35	20	15°					😐															😵								
	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			😵	😵														😵	😵								
	ROHX0803M0-D57	H	4	3.18	8	11°	3.4									😐													😐					
	ROHX10T3M0-D57	H	4	3.97	10	11°	4.4			😐	😐		😵			😐	😐		😵						😵	😵			😐	😐		😵		
	ROHX1204M0-D57	H	4	4.76	12	11°	4.4			😐	😐		😵			😐	😐		😵						😵	😵			😐	😐		😵		
	ROHX1605M0-D57	H	6	5.56	16	15°	5.5				😐		😵						😵							😵						😵		
	ROHX2006M0-D57	H	8	6.35	20	15°	6.5						😵	😵					😵	😵												😵	😵	
	ROHX0803M0-D67	H	4	3.18	8	11°	3.4										😐													😐			
	ROHX10T3M0-D67	H	4	3.97	10	11°	4.4			😐			😐				😐		😐						😐					😐		😐		
	ROHX1204M0-D67	H	4	4.76	12	11°	4.4			😐			😐			😐	😐		😐						😐				😐	😐		😐		
	ROHX1605M0-D67	H	6	5.56	16	15°	5.5						😐						😐													😐		
	ROHX10T3M0-F67	H	4	3.97	10	11°	4.4						😵				😐		😵											😐		😵		
	ROHX1204M0-F67	H	4	4.76	12	11°	4.4			😐			😵			😐	😐		😵						😵				😐	😐		😵		

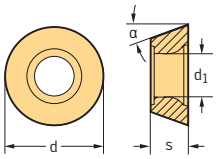
Ordering example for the grade WK10: ROGX0803M04-G88 WK10

HC = Coated carbide
HW = Uncoated carbide

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

D2

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



Indexable inserts

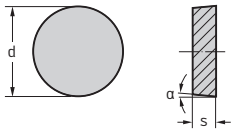
	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	d_1 mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WMP45G	P HC WSP45G	P HC WSP45S	M HC WMP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K HC WHH15X	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S	H HC WHH15X
	ROMX0803M04-D57	M	4	3.18	8	11°			●		●		●				●		●			●	●	●		●				●		●		
	ROMX10T3M0T8-A27	M	8	3.97	10	11°			●	●	●											●	●	●	●	●								
	ROMX1204M0T8-A27	M	8	4.76	12	11°			●	●	●											●	●	●	●	●								
	ROMX1605M0T8-A27	M	8	5.56	16	15°			●	●	●											●	●	●	●	●								
	ROMX2006M0T8-A27	M	8	6.35	20	15°			●	●	●											●	●	●	●	●								
	ROMX10T3M08-D57	M	8	3.97	10	11°			●	●	●		●			●	●		●			●	●	●	●	●			●	●		●		
	ROMX1204M08-D57	M	8	4.76	12	11°			●	●	●		●			●	●		●			●	●	●	●	●			●	●		●		
	ROMX1605M08-D57	M	8	5.56	16	15°			●	●	●		●			●	●		●			●	●	●	●	●			●	●		●		
	ROMX2006M08-D57	M	8	6.35	20	15°			●	●	●		●				●		●			●	●	●	●	●				●		●		
	ROMX10T3M08-F67	M	8	3.97	10	11°							●			●	●	●	●										●	●	●	●		
	ROMX1204M08-F67	M	8	4.76	12	11°							●			●	●	●	●										●	●	●	●		
	ROMX1605M08-F67	M	8	5.56	16	15°							●			●	●	●	●										●	●	●	●		
	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						●	●					●	●											●	●		

Ordering example for the grade WK10: ROGX0803M04-G88 WK10

HC = Coated carbide
HW = Uncoated carbide

D2

Ceramic – Positive round
RPGN



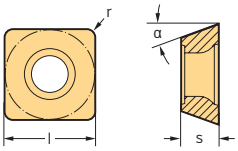
Indexable inserts

	Designation	d mm	α	S CN WIS10
	RPGN090300T01020	9.525	11°	☺
	RPGN120400T01020	12.7	11°	☺

See the ISO 1832 designation key for additional dimensions
Ordering example for the grade WIS10: RPGN090300T01020 WIS10

CN = Silicon nitride Si3N4

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



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WSP45S	K CN WSN10	K HC WAK15	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HW WKM	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	S HC WSP45S
	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°															😐						
	SPGT120606-F57	G	4	6.35	12.7	0.6	11°				☹		😐	☹	☹										😐	☹	☹	
	SPHT060304-G88	H	4	3.18	6.35	0.4	11°																☺	😐				
	SPHT09T308-G88	H	4	3.97	9.52	0.8	11°																☺	😐				
	SPHT120408-G88	H	4	4.76	12.7	0.8	11°																☺	😐				

Ordering example for the grade WSP45G: SDEB090308-A67 WSP45G

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

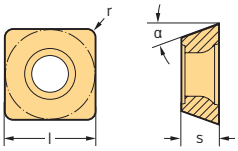
D2

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

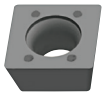
Positive square

SDEB / SPEB / SPGT / SPHT / SPHW / SPMT / SPMW

Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WSP45S	K CN WSN10	K HC WAK15	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HW WKM	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	S HC WSP45S
	SPHW120412-A57	H	4	4.76	12.7	1.2	11°										●											
	SPHW120416-A57	H	4	4.76	12.7	1.6	11°										●											
	SPMT060304-D51	M	4	3.18	6.35	0.4	11°	●		●	●		●	●	●				●		●				●	●	●	
	SPMT09T308-D51	M	4	3.97	9.52	0.8	11°	●		●	●		●	●	●				●		●				●	●	●	
	SPMT120408-D51	M	4	4.76	12.7	0.8	11°	●		●	●		●	●	●				●		●				●	●	●	
	SPMT120606-D51	M	4	6.35	12.7	0.6	11°			●	●				●						●						●	
	SPMT120606-D57	M	4	6.35	12.7	0.6	11°	●		●	●				●				●		●						●	
	SPMT060304-F55	M	4	3.18	6.35	0.4	11°	●	●	●	●		●	●	●			●	●	●	●				●	●	●	
	SPMT09T308-F55	M	4	3.97	9.52	0.8	11°	●	●	●	●		●	●	●			●	●	●	●				●	●	●	
	SPMT120408-F55	M	4	4.76	12.7	0.8	11°	●	●	●	●		●	●	●			●	●	●	●				●	●	●	
	SPMW060304T-A27	M	4	3.18	6.35	0.4	11°			●											●							
	SPMW09T308T-A27	M	4	3.97	9.52	0.8	11°	●		●									●		●							
	SPMW120408T-A27	M	4	4.76	12.7	0.8	11°	●		●									●		●							
	SPMW120606T-A27	M	4	6.35	12.7	0.6	11°			●											●							
	SPMW060304-A57	M	4	3.18	6.35	0.4	11°	●										●	●									
	SPMW09T308-A57	M	4	3.97	9.52	0.8	11°	●		●								●	●		●							
	SPMW120408-A57	M	4	4.76	12.7	0.8	11°	●		●								●	●		●							
	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 WSP45G: SDEB090308-A67 WSP45G

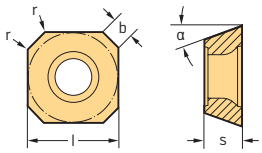
HC = Coated carbide
CN = Silicon nitride Si3N4
HW = Uncoated carbide

D2

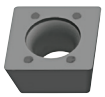
Positive square

SDGT / SDHW / SDMT / SDMW / SEHT / SEHW / SPGT / SPKT / SPMT / SPMW

Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G	S HC WSP45S
	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			☹										☹							
	SDMT09T3AEN-D57	M	4	3.97	9.52	0.5	15°	1.2			😐	☹	☹	😐	😐	☹	☹				☹			😐	😐	☹	☹
	SDMW09T3AEN-A57	M	4	3.97	9.52	0.5	15°	1.2	😐		☹								😐		☹						
	SEHT1204AFN	H	4	4.76	12.7	0.8	20°	2			☹	☹	☹	😐	😐	☹	☹				☹		😐	😐	😐	☹	☹
	SEHT1204AFN-K88	H	4	4.76	12.7	0.8	20°	1.8															😐				
	SEHW1204AFN	H	4	4.76	12.7	0.8	20°	2	😐	☹	☹							☺	😐	☹	☹						
	SEHW1504AFN	H	4	4.76	15.9	0.8	20°	2.1			☹										☹						
	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			☹										☹						
	SPMT1204AEN	M	4	4.76	12.7	0.5	11°	1.4	😐		☹	☹	☹			☹	☹	☺	😐		☹					☹	☹
	SPMW1204AEN-A57	M	4	4.76	12.7	0.5	11°	1.4			☹										☹						

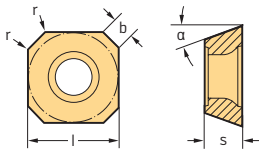
Ordering example for the grade WKP25S: SDGT09T3AEN-F57 WKP25S

HC = Coated carbide
HW = Uncoated carbide

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

D2

Positive square
SPGT / SPJW
Tiger·tec® Gold



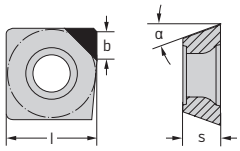
Indexable inserts

	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	WSM35S	WSP45G	WSP45S	WAK15	WKP25S	WKP35S	WSM35S	WSP45G	WSP45S
	SPGT1204EDR-F55	G	4	4.76	12.7	0.5	11°	1.3		☺	☹	☹	☺	☹	☹	☺		☹	☺	☹	☹
	SPJW1204EDR	J	4	4.76	12.7		11°	1.4	☺	☹						☺	☺	☹			

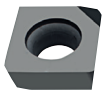
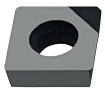
Ordering example for the grade WAK15: SPGT1204EDR-F55 WAK15

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	☺

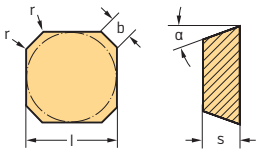
Ordering example for the grade WCD10: SPHW1204EDR-A88 WCD10

DP = Polycrystalline diamond

D2

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

Positive square
SEKN / SEKR
Tiger·tec® Silver



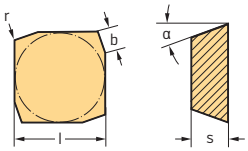
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP35S	K HC WKP35S
	SEKN1203AFN	K	4	3.18	12.7	0.6	20°	1.9	☹	☹
	SEKN1504AFN	K	4	4.76	15.9	0.4	20°	2	☹	☹
	SEKR1203AFTN	K	4	3.18	12.7	0.4	20°	1.9	😐	☹

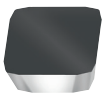
Ordering example for the grade WKP35S: SEKN1203AFN WKP35S

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 HC WKP25S	K HC WKP25S
	SPFN1204EDN	F	4	4.76	12.7	0.5	1.7	😐	😐

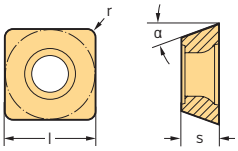
Ordering example for the grade WKP25S: SPFN1204EDN WKP25S

HC = Coated carbide

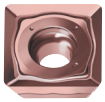
D 2

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

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



Indexable inserts

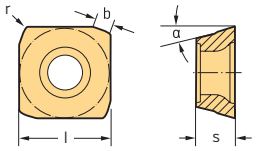
	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	SDHT06T204-G88	H	4	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°															☺	😐				
	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°		😐	😐	☹	😟	😐	☹	☹					☹	☹			😟	😐	☹	☹
	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°		☹		☹				☹			😐		☹							☹

Ordering example for the grade WK10: SDHT06T204-G88 WK10

HC = Coated carbide
HW = Uncoated carbide

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

Positive square
SDMT
Tiger·tec® Gold



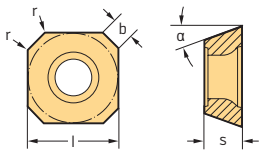
Indexable inserts

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

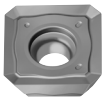
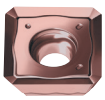
Ordering example for the grade WKP35G: SDMT06T2ZDR-D57 WKP35G

HC = Coated carbide

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



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HT WEP20	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	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					😐																
	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				😐					😐												😐
	SDHT09T3AZN-G88	H	4	3.97	9.52	0.3	15°	1.2																😀	😐				
	SDHT1204AZN-G88	H	4	4.76	12.7	0.3	15°	1.4																😀	😐				
	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	😐	☹	☹							😀			😐	☹	☹						

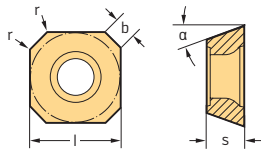
Ordering example for the grade WEP20: SDET09T3AZN-F57 WEP20

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

D2

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

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



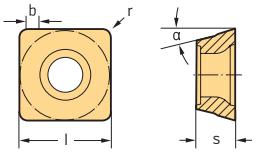
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HT WEP20	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	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	☺	😐	😐	☹		😟	😐		☹	☺	😟	😐	😐	☹	☹			😟	😐		☹
	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	☺	😐	😐	☹				☹	☹				😐	☹	☹					☹	☹

Ordering example for the grade WEP20: SDET09T3AZN-F57 WEP20

HC = Coated carbide
HT = Uncoated cermet
HW = Uncoated 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 HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSP45G
	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	☺	😐	😐	☹	☹	😐	☹	😐	☹	☹	😐	😐	☹

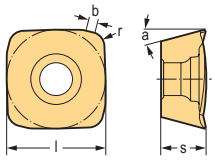
Ordering example for the grade WKP25S: SDGT06T2PDR-D57 WKP25S

HC = Coated carbide

D2

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

Positive square
SDMX
Tiger·tec® Gold



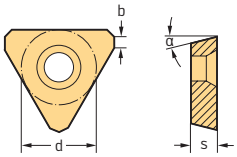
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC 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 triangular
TPAW / TPJW
Tiger·tec® Silver



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P HC WKP25S	P HC WKP35S	K HC WAK15	K HC WKP25S	K HC 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		☹			☹

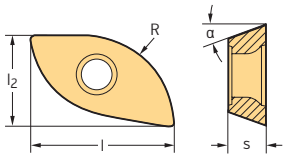
Ordering example for the grade WKP25S: TPAW1604PPN WKP25S

HC = Coated carbide

D2

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

Positive form inserts
XDGT / XDMT
Tiger·tec® Gold



Tool

	Designation	Tolerance class	Number of cutting edges	l_2 mm	l mm	s mm	α	R mm	R in	P HC					M HC				K HC			S 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°	8.00	0.315			😐									😣					
	XDGT16T3100R-D57	G	2	9	15.93	3.74	15°	10.00	0.394			😐	😣	😣			😣	😣			😣			😣	😣
	XDGT2004125R-D57	G	2	11.3	19.94	4.68	15°	12.50	0.492			😐	😣	😣			😣	😣			😣			😣	😣
	XDGT2405150R-D57	G	2	13.5	23.94	5.62	15°	15.00	0.591			😐									😣				
	XDGT2506160R-D57	G	2	14.4	25.54	6	15°	16.00	0.630			😐	😣	😣			😣	😣			😣			😣	😣
	XDGT3207200R-D57	G	2	18	31.95	7.5	15°	20.00	0.787			😐	😣	😣			😣	😣			😣			😣	😣
	XDGT4009250R-D57	G	2	22.5	39.95	9.39	15°	25.00	0.984			😐	😣	😣			😣	😣			😣			😣	😣
	XDGT1303079R-D57	G	2	8.5	13.12	3	15°	7.84	0.309				😣	😣			😣	😣						😣	😣
	XDGT16T3095R-D57	G	2	9	15.93	3.74	15°	9.53	0.375				😣	😣			😣	😣						😣	😣
	XDGT2004127R-D57	G	2	11.3	19.94	4.68	15°	12.70	0.500				😣	😣			😣	😣						😣	😣
	XDGT3207191R-D57	G	2	18	31.95	7.5	15°	19.05	0.750				😣	😣			😣	😣						😣	😣
	XDGT4009254R-D57	G	2	22.5	39.95	9.39	15°	25.40	1.000				😣	😣			😣	😣						😣	😣
	XDMT1303080R-F55	M	2	8.5	13.12	3	15°	8.00	0.315	😀	😐	😐	😣		😟	😐	😣		😐	😣	😣	😟	😐	😣	
	XDMT16T3100R-F55	M	2	9	15.93	3.74	15°	10.00	0.394	😀	😐	😐	😣		😟	😐	😣		😐	😣	😣	😟	😐	😣	
	XDMT2004125R-F55	M	2	11.3	19.94	4.68	15°	12.50	0.492		😐		😣		😟	😐	😣			😣		😟	😐	😣	
	XDMT2405150R-F55	M	2	13.5	23.94	5.62	15°	15.00	0.591	😀	😐	😐	😣	😣	😟	😐	😣	😣	😐	😣	😣	😟	😐	😣	😣
	XDMT2506160R-F55	M	2	14.4	25.54	6	15°	16.00	0.630	😀	😐	😐	😣			😐	😣		😐	😣	😣		😐	😣	
	XDMT3207200R-F55	M	2	18	31.95	7.5	15°	20.00	0.787	😀	😐	😐	😣	😣		😐	😣	😣	😐	😣	😣		😐	😣	😣
	XDMT4009250R-F55	M	2	22.5	39.95	9.39	15°	25.00	0.984	😀	😐	😐	😣				😣		😐	😣	😣			😣	
	XDMT1303079R-F55	M	2	8.5	13.12	3	15°	7.92	0.312				😣	😣			😣	😣						😣	😣
	XDMT16T3095R-F55	M	2	9	15.93	3.74	15°	9.53	0.375			😐	😣	😣			😣	😣			😣			😣	😣
	XDMT2004127R-F55	M	2	11.3	19.94	4.68	15°	12.70	0.500	😀		😐	😣	😣			😣	😣	😐		😣			😣	😣
	XDMT2506159R-F55	M	2	14.4	25.54	6	15°	15.88	0.625			😐	😣	😣			😣	😣			😣			😣	😣
	XDMT3207191R-F55	M	2	18	31.95	7.5	15°	19.05	0.750		😐	😐	😣	😣			😣	😣		😣	😣			😣	😣
	XDMT4009254R-F55	M	2	22.5	39.95	9.39	15°	25.40	1.000			😐	😣	😣			😣	😣			😣			😣	😣

Ordering example for the grade WKP35S: XDGT1303080R-D57 WKP35S

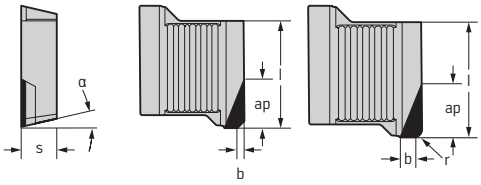
HC = Coated carbide

WALTER SELECT Optimum indexable insert for → Good = 😀 → Average = 😐 → Poor = 😣 machining conditions

D2

PCD indexable inserts

XOEN



Indexable inserts

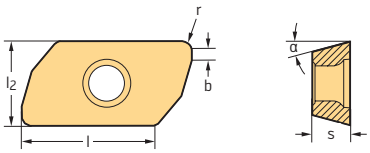
	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	a_p mm	N DP WDN20
	XOEN12T3AZR-A-A88	E	1	4	12.21		13°	0.8	5.1	😐
	XOEN12T308R-A-A88	E	1	4	12.11	0.8	13°	1.2	5	😐
	XOEN12T308R-F-A88	E	1	4	12.11	0.8	13°	1.2	10.3	😐

Ordering example for the grade WDN20: XOEN12T3AZR-A-A88 WDN20

DP = Polycrystalline diamond

Positive rhombic

ZDGT



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	b mm	N HC WNN15	N HC WXN15	N HW 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 can ONLY be used in M2131 bodies

Ordering example for the grade WK10: ZDGT150404R-K85 WK10

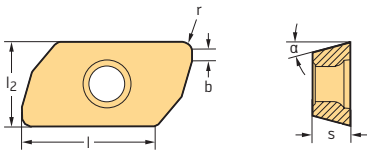
HC = Coated carbide

HW = Uncoated carbide

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

D2

Positive rhombic
ZDGT



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	b mm	N HW 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	😊

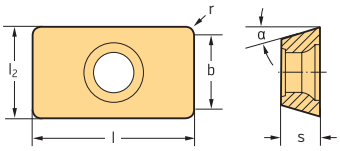
ZDGT15A4 and ZDGT20A5 can be used in BOTH M2131 and M2331 bodies
Ordering example for the grade WMG40: ZDGT15A404R-K85 WMG40

HW = Uncoated carbide

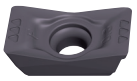
D2

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

Finishing inserts
ADGX



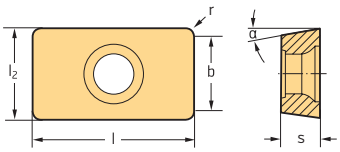
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	α	b mm	P HC WXM15	M HC WXM15	K HC 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	☹	☺	☺

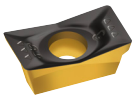
Ordering example for the grade WXM15: ADGX10T3PER-F56 WXM15

HC = Coated carbide

Positive rhombic
BCGX



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	α	b mm	P HC WHH15X	P HC WXM15	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WXM15	H HC WHH15X
	BCGX0903PDR-G55	G	2	3.21	10.3	6.3	0.4	7°	5	☺	☺	☺	☺	☺	☺	☺
	BCGX1605PDR-G55	G	2	5.81	17.3	9.9	0.8	7°	8	☺	☺	☺	☺	☺	☺	☺

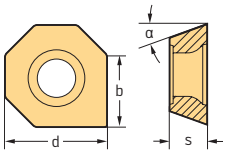
Ordering example for the grade WAK15: BCGX0903PDR-G55 WAK15

HC = Coated carbide

D 2

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

Finishing inserts
ODHX
Tiger·tec® Silver



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P HC WHH15X	P HC WKP35S	P HC WXM15	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WKP35S	K HC WXM15	H HC WHH15X
	ODHX0504ZZR-A57	H	1	4.76	12.7	15°	7.2	☺	😐			☺	☺	😐		☺
	ODHX0605ZZR-A57	H	1	5.56	15.88	15°	9.4	☺	😐			☺	☺	😐		☺
	ODHX0605ZZN-A88	H	8	5.56	15.88	15°	6	☺		☺	☺		☺		☺	☺
	ODHX0605ZZN-A57	H	8	5.56	15.88	15°	6	☺				☺	☺			☺

* ZZN for use in bodies where κ = 45° only

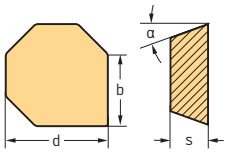
HC = Coated carbide

Ordering example for the grade WAK15: ODHX0504ZZR-A57 WAK15

D2

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

Finishing inserts
OPHX
Tiger·tec®



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P HC WHH15X	P HC WXM15	M HC WXM15	K BH WCB80	K HC WAK15	K HC WHH15X	K HC WXM15	H BH WCB80	H HC WHH15X
	OPHX0504ZZR-A27	H	1	4.76	12.7	11°	7.8				☺				😐	
	OPHX0504ZZN-A88	H	8	4.76	12.7	11°	5		☺	☺		☺		☺		
	OPHX0504ZZN-A57	H	8	4.76	12.7	11°	5	☺				☺	☺			☺
	OPHX0504ZZR-A57	H	1	4.76	12.7	11°	7.8					☺				

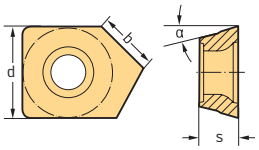
Ordering example for the grade WCB80: OPHX0504ZZR-A27 WCB80

HC = Coated carbide
BH = CBN with high CBN content

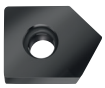
D2

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

Positive square
SDHX



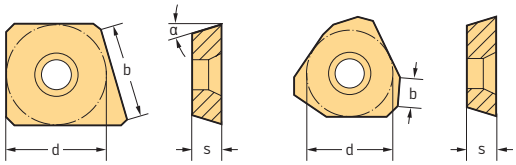
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P HC WHH15X	P HC WXM15	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WXM15	H HC WHH15X
	SDHX09T3AZR-A88	H	1	3.97	9.52	15°	5.6	☺	☺	☺	☺	☺	☺	☺
	SDHX1204AZR-A88	H	1	4.76	12.7	15°	7.5	☺	☺	☺	☺	☺	☺	☺

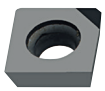
Ordering example for the grade WAK15: SDHX09T3AZR-A88 WAK15

HC = Coated carbide

Finishing inserts
P2901 / P2903 / P2905 / SPHX



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	α	b mm	P HC WHH15X	P HC WXM15	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WXM15	N DP WCD10	N HW WK10	H HC 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							☺		

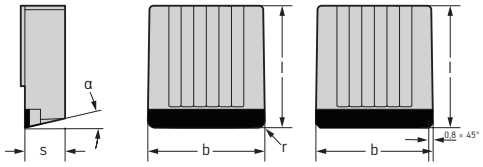
Ordering example for the grade WAK15: P2901-1R WAK15

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

D2

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

PCD finishing inserts
XOEX



Indexable inserts

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

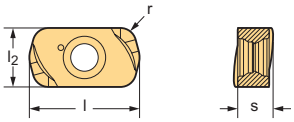
Ordering example for the grade WDN20: XOEX12T308N-F-A88 WDN20

DP = Polycrystalline diamond

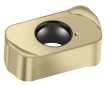
D2

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

Negative rhombic
ENMX
Tiger·tec® Gold



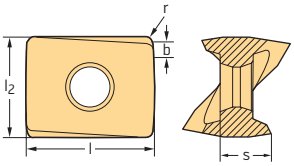
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WKK25G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ENMX08T316R-D27	M	4	3.6	11	6	1.6	☹	☺	😐	😐	☹	😟	😐		☹	😟	😐	☹	☹	😟	😐		☹	☺
	ENMX08T316R-F47	M	4	3.6	11	6	1.6		☺	😐	😐	☹	😟	😐	☹	☹		😐	☹	☹	😟	😐	☹	☹	

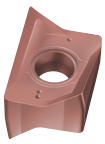
Ordering example for the grade WHH15X: ENMX08T316R-D27 WHH15X

HC = Coated carbide

Negative rhombic
LNGX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G
	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														☺	😐			

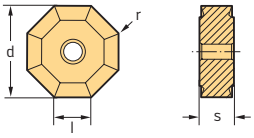
Ordering example for the grade WAK15: LNGX130708R-L55 WAK15

HC = Coated carbide
HW = Uncoated carbide

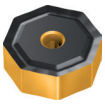
D2

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

Negative octagonal
ONHF
Tiger·tec® Silver



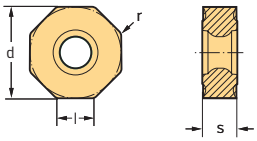
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	P HC WHH15X	P HC WKP25S	K HC WAK15	K HC WHH15X	K HC WKP25S	H HC WHH15X
	ONHF050408-F67	H	16	4.76	12.7	5.26	0.8	☺	☺	☺	☺	😐	☺

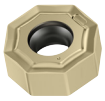
Ordering example for the grade WAK15: ONHF050408-F67 WAK15

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 HC WKP35G	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WKP35G	S HC WSM35G	S HC WSM35S	S HC WSP45G
	ONHU050408-F67	H	16	4.86	12.7	5.26	0.8	😐		😟	😐		☹	😟	😐	
	ONMU050408-D57	M	16	4.86	12.7	5.26	0.8	😐	☹			☹	☹			☹

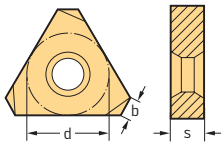
Ordering example for the grade WKP35G: ONHU050408-F67 WKP35G

HC = Coated carbide

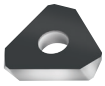
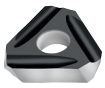
D2

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

Wendelnovex® inserts
P2352 / P23522
Tiger·tec® Silver



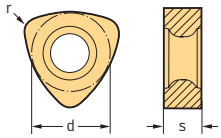
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P HC WKP25S	P HC WKP35S	K HC WKP25S	K HC 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 HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSP45G
	P23696-1.0	M	6	5.31	9	1.2	☺	😐	😐	☹	😐	😐	☹	😐	☹	☹	😐	😐	☹
	P23696-2.0	M	6	7.41	13.5	1.6	☺	😐	😐	☹	😐	😐	☹	😐	☹	☹	😐	😐	☹

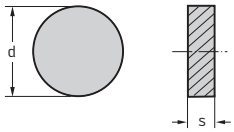
Ordering example for the grade WKP25S: P23696-1.0 WKP25S

HC = Coated carbide

D2

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

Ceramic – Negative round
RNGN



Indexable inserts

	Designation	d mm	S CN WIS10	S CR WWS20
	RNGN120700E	12.7	☺	😐
	RNGN120700T01020	12.7	☺	😐
	RNGN150700T01020	15.875		😐

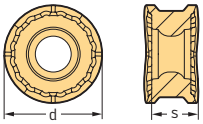
See the ISO 1832 designation key for additional dimensions
Ordering example for the grade WIS10: RNGN120700E WIS10

CN = Silicon nitride Si3N4
CR = Reinforced ceramic

D2

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

Negative round
RNMX
Tiger·tec® Gold



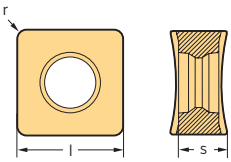
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	P HC		M HC				S HC			
						WSP45G	WSP45S	WSM35G	WSM35S	WSP45G	WSP45S	WSM35G	WSM35S	WSP45G	WSP45S
	RNMX1005M0-G57	M	8	4.69	10	☹	☹	☹	😐	☹	☹	☹	😐	☹	☹
	RNMX1206M0-G57	M	8	5.64	12	☹	☹		😐	☹	☹		😐	☹	☹
	RNMX1005M0-K67	M	8	4.69	10	☹	☹		😐	☹	☹		😐	☹	☹
	RNMX1206M0-K67	M	8	5.64	12	☹	☹		😐	☹	☹		😐	☹	☹

Ordering example for the grade WSM35G: RNMX1005M0-G57 WSM35G

HC = Coated carbide

Negative square
SNGX / SNMX
Tiger·tec® Gold



Indexable inserts

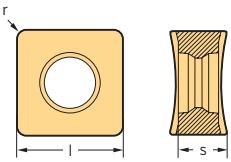
	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	P HC				M HC			K HC						S HC		
							WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G
	SNGX120512-F57	G	8	5.6	12.7	1.2	😀	😐	😐	☹	☹	😐	☹				😐	☹	☹	☹	😐	☹
	SNMX120512-D27	M	8	5.55	12.7	1.2	😀	😐	😐						☹	😐	😐	☹	☹			
	SNMX120520-D27	M	8	5.55	12.7	2	😀	😐	😐						☹	😐	😐	☹	☹			
	SNMX090408-F27	M	8	4.87	9.52	0.8	😀	😐	😐								😐	☹	☹			
	SNMX120512-F27	M	8	5.65	12.7	1.2	😀		😐								😐		☹			
	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				☹			☹									☹

Ordering example for the grade WKP25S: SNGX120512-F57 WKP25S

HC = Coated carbide

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

Negative square
SNGX / SNMX
Tiger·tec® Gold



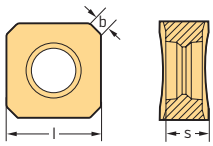
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	P HC				M HC			K HC						S HC		
							WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSP45G
	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

HC = Coated carbide

Negative square
SNGX / SNHX / SNMX
Tiger·tec® Gold



Indexable inserts

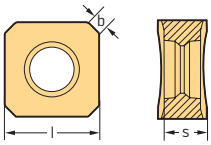
	Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P HC				M HC			K HC						N HC	N HW	S HC		
							WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSP45G
	SNGX1205ANN-F27	G	8	5.59	12.7	1.5	☺	😐	😐								😐	☹	☹					
	SNGX0904ANN-F57	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	☺	😐	😐								😐	☹	☹					

Ordering example for the grade WKP25S: SNGX1205ANN-F27 WKP25S

HC = Coated carbide
HW = Uncoated carbide

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

Negative square
SNGX / SNHX / SNMX
Tiger·tec® Gold



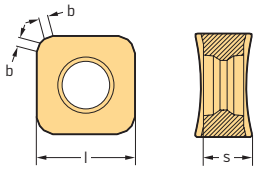
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSP45G
	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

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 HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC 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	☹	☹							☹		☹	☹				

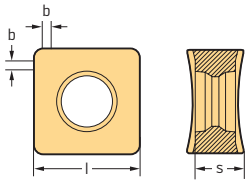
Ordering example for the grade WKP25S: SNGX1205ENN-F27 WKP25S

HC = Coated carbide

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

D 2

Negative square
SNGX / SNHX / SNMX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P HC				M HC			K HC						N HC		S HC		
							WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S	WSP45G
	SNGX1205ZNN-F27	G	8	5.77	12.7	1.2	☺	😐	😐								😐	☹	☹					
	SNGX0904ZNN-F57	G	8	4.9	9.52	1	☺	😐		☹			☹		😐	😐	😐	☹						☹
	SNGX1205ZNN-F57	G	8	5.77	12.7	1.2	☺	😐	😐	☹	😐	😐	☹		😐	😐	😐	☹	☹			😐	😐	☹
	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				☹	☹		☹	☺								☹		☹

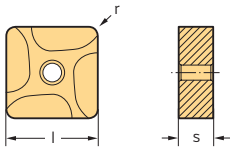
Ordering example for the grade WKP25S: SNGX1205ZNN-F27 WKP25S

HC = Coated carbide
HW = Uncoated carbide

D2

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

Negative square
SNEF
Tiger·tec® Gold



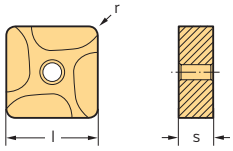
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	P HC WKP35G	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G
	SNEF120408R-B67	E	8	4.76	12.7	0.8	☹	😐	😐	😐	☹

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	P HC WKP35S	K HC WKP35S
	SNEX15T612R-B67	E	8	7.1	15.88	1.2	☹	☹

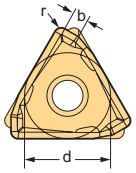
Ordering example for the grade WKP35S: SNEX15T612R-B67 WKP35S

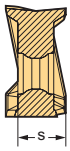
HC = Coated carbide

D2

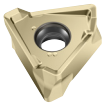
WALTER SELECT — Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

Negative triangular
TNMU
Tiger·tec® Gold





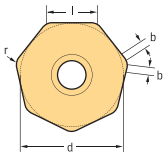
Indexable inserts

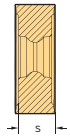
	Designation	Tolerance class	Number of cutting edges	s mm	d mm	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	TNMU11T304R-G27	M	6	3.75	6.72	0.4	1	☺	😐	😐	☹	☹	😐	😐	☹	☹
	TNMU160508R-G27	M	6	5.35	9.6	0.8	1.6	☺	😐	😐	☹	☹	😐	😐	☹	☹
	TNMU11T304R-G57	M	6	3.75	6.72	0.4	1	☺	😐	😐	☹	☹	😐	😐	☹	☹
	TNMU160508R-G57	M	6	5.35	9.6	0.8	1.6	☺	😐	😐	☹	☹	😐	😐	☹	☹

Ordering example for the grade WKP25S: TNMU11T304R-G27 WKP25S

HC = Coated carbide

Negative heptagonal
XNGU / XNMU
Tiger·tec® Gold





Indexable inserts

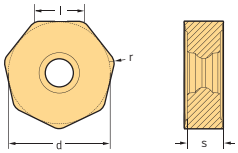
	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	XNGU0705ANN-F57	G	14	5	14.5	6.98	0.8	1.1	☺	😐	😐	☹	😐	😐		☹			😐	☹	☹	😐	😐		☹
	XNMU0705ANN-F27	M	7	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

HC = Coated carbide

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

Negative heptagonal
XNMU
Tiger·tec® Gold



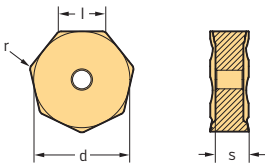
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSP45G
	XNMU070508-F57	M	14	5	14.5	6.98	0.8	☺	😐	😐	☹	☹	😐	☹	😐	☹	☹	☹	😐	☹
	XNMU090612-F57	M	14	5.88	19.05	9.18	1.2	☺	😐		☹			☹	😐	☹				☹

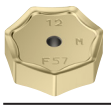
Ordering example for the grade WKP25S: XNMU070508-F57 WKP25S

HC = Coated carbide

Negative heptagonal
XNHF / XNMF
Tiger·tec® Gold



Indexable inserts

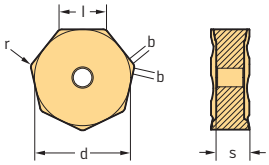
	Designation	Tolerance class	Number of cutting edges	s mm	d mm	l mm	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S
	XNHF070508-D27	H	14	5	14.5	7	0.8	☺		😐		☹	😐	😐		☹
	XNHF090612-D27	H	14	5.68	19.05	9	1.2	☺	😐			☹	😐	😐	☹	
	XNHF070508-D57	H	14	5	14.5	7	0.8	☺		😐		☹	😐	😐		☹
	XNHF090612-D57	H	14	5.68	19.05	9	1.2	☺		😐		☹	😐	😐		☹
	XNHF070508-D67	H	14	5	14.5	7	0.8				😐			😐		
	XNMF070508-D27	M	7	4.74	14.5	7	0.8	☺		😐		☹	😐	😐		☹
	XNMF090612-D27	M	14	5.68	19.05	9	1.2	☺	😐				😐	😐	☹	
	XNMF090612-D57	M	14	5.68	19.05	9	1.2		😐				😐		☹	
	XNMF070508-F57	M	14	4.74	14.5	7	0.8						😐			
	XNMF090612-F57	M	7	5.68	19.05	9	1.2	☺				☹	😐	😐		

HC = Coated carbide

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

D2

Negative heptagonal
XNHF
Tiger·tec® Gold



Indexable inserts

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

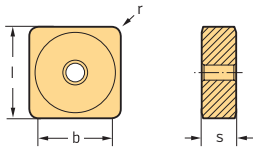
Ordering example for the grade WKK25G: XNHF0705ANN-D27 WKK25G

HC = Coated carbide

D2

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

Finishing inserts
SNEF



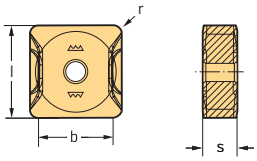
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	b mm	K HC WHH15X	H HC WHH15X
	SNEF1204PNN-A27	E	8	4.76	12.7	1.2	10.3	☺	☺

Ordering example for the grade WHH15X: SNEF1204PNN-A27 WHH15X

HC = Coated carbide

Finishing inserts
SNEX



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	b mm	K HC WAK15	K HC WHH15X	H HC WHH15X
	SNEX1204PNN-A27	E	4	4.76	12.7	1.2	10.3	☺	☺	☺

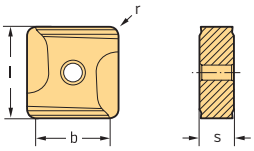
Ordering example for the grade WAK15: SNEX1204PNN-A27 WAK15

HC = Coated carbide

D2

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

Finishing inserts
SNEX



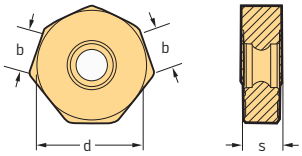
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	b mm	K HC WAK15	K HC WHH15X	H HC 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
XNGX



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P HC WHH15X	P HC WXM15	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WXM15	H HC WHH15X
	XNGX0705ANN-F67	G	2	5	14.5	5.7	☺	☺	☺	☺	☺	☺	☺

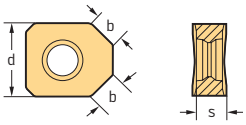
Ordering example for the grade WAK15: XNGX0705ANN-F67 WAK15

HC = Coated carbide

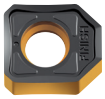
D 2

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

Finishing inserts
XNGX



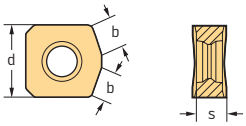
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P HC WHH15X	P HC WXM15	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WXM15	H HC WHH15X
	XNGX0904ANN-F67	G	2	4.68	9.52	5	☺	☺	☺	☺	☺	☺	☺
	XNGX1205ANN-F67	G	2	5.39	12.7	4.7	☺	☺	☺	☺	☺	☺	☺

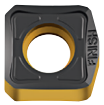
Ordering example for the grade WAK15: XNGX0904ANN-F67 WAK15

HC = Coated carbide

Finishing inserts
XNGX



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P HC WHH15X	P HC WXM15	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WXM15	H HC WHH15X
	XNGX1205ENN-F67	G	2	5.42	12.7	4.5	☺	☺	☺	☺	☺	☺	☺

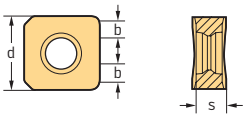
Ordering example for the grade WAK15: XNGX1205ENN-F67 WAK15

HC = Coated carbide

D2

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

Finishing inserts
XNGX



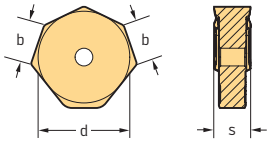
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P HC WHH15X	P HC WXM15	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WXM15	H HC WHH15X
	XNGX0904ZNN-F67	G	2	4.83	9.52	3.5	☺	☺	☺	☺	☺	☺	☺
	XNGX1205ZNN-F67	G	2	5.62	12.7	4	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WAK15: XNGX0904ZNN-F67 WAK15

HC = Coated carbide

Finishing inserts
XNHX



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	K HC WAK15	K HC WHH15X	H HC WHH15X
	XNHX0705ANN-D67	H	2	4.97	14.5	5.8	😐	😐	😐
	XNHX0906ANN-D67	H	2	5.57	19.05	7.5	😐	😐	😐

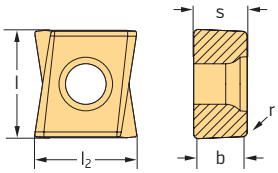
Ordering example for the grade WAK15: XNHX0705ANN-D67 WAK15

HC = Coated carbide

D 2

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

Finishing inserts
LNHX



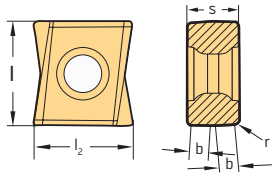
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC WHH15X	P HC WXM15	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WXM15	H HC WHH15X
	LNHX0904PDR-L55T	H	2	4.5	9	8.5	0.4	3.5	☺			☺	☺		☺
	LNHX1306PDR-L55T	H	2	6.8	13	12	0.6	5	☺	☺	☺	☺	☺	☺	☺

Ordering example for the grade WAK15: LNHX0904PDR-L55T WAK15

HC = Coated carbide

Finishing inserts
LNHX



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC WHH15X	P HC WXM15	M HC WXM15	K HC WAK15	K HC WHH15X	K HC WXM15	H HC WHH15X
	LNHX130608R-L55T	H	4	6.8	13	12	0.8	2.2	☺	☺	☺	☺	☺	☺	☺

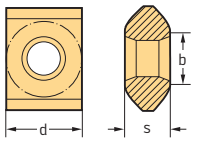
Ordering example for the grade WAK15: LNHX130608R-L55T WAK15

HC = Coated carbide

D2

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

Finishing inserts
P45420



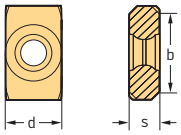
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	d mm	b mm	P HC WHH15X	P HC WXM15	M HC WXM15	K HC WHH15X	K HC WXM15	H HC WHH15X
	P45420-G67	H	4	4.76	9.52	7	☺	☺	☺	☺	☺	☺

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 HC WHH15X	K HC WAK15	K HC WHH15X	H HC WHH15X
	P45424-1-G67	G	4	5	12	8	☺	☺	☺	☺
	P45424-2-G67	G	4	6.5	20	15	☺	☺	☺	☺

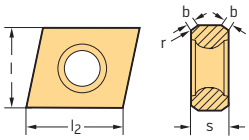
Ordering example for the grade WAK15: P45424-1-G67 WAK15

HC = Coated carbide

D 2

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

Tangential rhombic
CNHU / CNMQ / CNMU
Tiger·tec® Gold



Indexable inserts

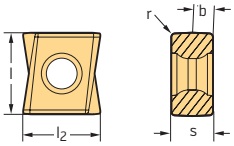
	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC WKP25S	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WKP25S	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSP45G
	CNHU0805PPN-D57T	H	2	5	8	9	0.8	1.2	☺	☺	☹			☹	☺	☹			☹
	CNHU1206PPN-D57T	H	2	6.5	12	13	0.8	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_2 = width of cut
HC = Coated carbide
Ordering example for the grade WKP25S: CNHU0805PPN-D57T WKP25S

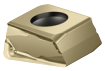
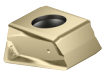
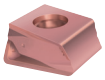
D2

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

Tangential rhombic
LNHU / LNMU
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	LNHU090404R-L55T	H	4	4.5	9	8.5	0.4	1.5	☺	😐	😐	☹	😐	😐		☹	☺	😐	😐	😐	☹	☹			😐	😐		☹
	LNHU090408R-L55T	H	2	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	2	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				☹				☹												☹
	LNHU090404R-L65T	H	4	4.5	9	8.5	0.4	1.5				☹				☹												☹
	LNHU130608R-L65T	H	4	6.8	13	12	0.8	2.2				☹				☹												☹
	LNHU090404R-L85T	H	4	4.5	9	8.5	0.4	1.5															☺	😐				
	LNHU130608R-L85T	H	4	6.8	13	12	0.8	2.2															☺	😐				
	LNMU090404R-L55T	M	2	4.5	9	8.5	0.4	1.5	☺	😐	😐	☹			☹	☹		😐	😐	😐	☹	☹					☹	☹
	LNMU130608R-L55T	M	2	6.8	13	12	0.8	2.2	☺	😐	😐	☹			☹	☹		😐	😐	😐	☹	☹					☹	☹

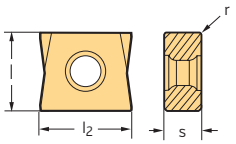
Ordering example for the grade WAK15: LNHU090404R-L55T WAK15

HC = Coated carbide
HW = Uncoated carbide

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

D 2

Tangential rhombic
LNHU / LNMU
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSP45G
	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	2	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			☹						☺			☹			
	LNMU120608-B57T	M	4	6.5	12	13.9	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	☺	☺	☺	☹		☺	☹			☺	☹	☹		☺	☹

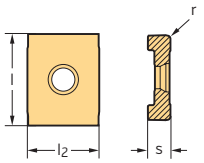
Ordering example for the grade WKK25S: LNHU080304-B57T WKK25S

HC = Coated carbide

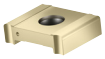
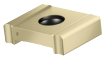
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

D2

Tangential rhombic
LNHX / LNMX
Tiger·tec® Gold



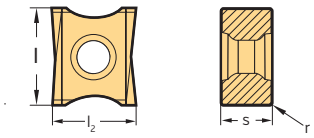
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	r mm	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSP45G	K HC WKP35S	S HC WSM35G	S HC WSM35S	S HC WSP45G
	LNHX070204-F57T	H	4	2.4	9	0.4	☺	☹	😐	☺	☹	☹	😐	☺	☹
	LNMX070204-F57T	M	4	2.4	9	0.4	☺		😐	☺		☹	😐	☺	

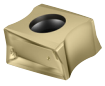
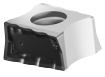
Ordering example for the grade WKP35S: LNHX070204-F57T WKP35S

HC = Coated carbide

Tangential rhombic
LNHX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	P HC WSP45G	M HC WSM45X	M HC WSP45G	S HC WSM45X	S HC WSP45G
	LNHX120604R-L65T	H	4	6.8	12.7	11	0.4	☹	☹	☹	☹	☹
	LNHX120604R-L65W	H	4	6.8	12.7	11	0.4		☹		☹	

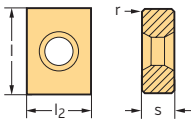
Ordering example for the grade WSM45X: LNHX120604R-L65T WSM45X

HC = Coated carbide

D 2

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

Tangential rhombic
LNMU
Tiger·tec® Gold



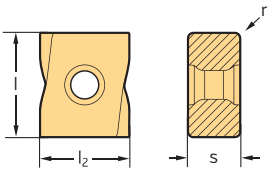
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G	S HC 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

HC = Coated carbide

Tangential rhombic
LNMX
Tiger·tec® Gold



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	LNMX201012R-F27T	M	4	10	20	17.05	1.2		😣	😣				😣	😣	
	LNMX201012R-F57T	M	4	10	20	17.05	1.2	🙂	😐	😐	😣	😣	😐	😣	😣	😣

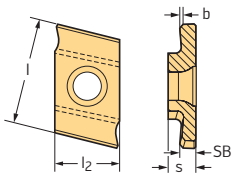
Ordering example for the grade WKP35G: LNMX201012R-F27T WKP35G

HC = Coated carbide

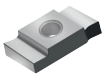
D2

WALTER SELECT Optimum indexable insert for → Good = 🙂 → Average = 😐 → Poor = 😣 machining conditions

Negative rhombic
P20200
Tiger·tec® Silver



Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	b mm	P HC WKP35S	K HC 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	☺	☹

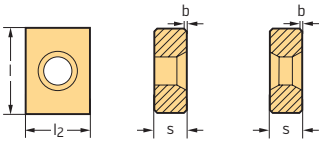
Ordering example for the grade WKP35S: P20200-1.1 WKP35S

HC = Coated carbide

D2

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

Tangential rhombic
P4406
Tiger·tec® Silver



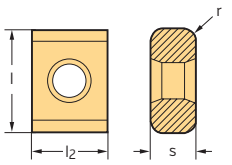
Indexable inserts

	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l2 mm	b mm	P HC WKP35S	K HC 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	l2 mm	r mm	P HC WKP25S	M HC WSM35G	M HC WSM35S	K HC WKP25S	S HC WSM35G	S HC 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	4	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		☹	☹		☹	☹

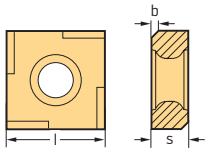
Ordering example for the grade WSM35G: P44280-1R08-D57 WSM35G

HC = Coated carbide

D2

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

Negative square
SNHQ
Tiger·tec® Silver



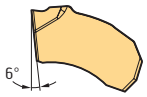
Indexable inserts

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

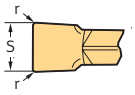
Ordering example for the grade WAK15: SNHQ1205ZZR-A57T WAK15

HC = Coated carbide

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



SX...N



Cutting inserts

	Designation	s mm	r mm	S_{Tol} mm	l_{Tol} mm	P HC				M HC			K HC	N HW	S HC			HW
						WKP23S	WSM23S	WSM33S	WSM43S	WSM23S	WSM33S	WSM43S	WKP23S	WK1	WSM23S	WSM33S	WSM43S	WK1
	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			😐	☹		😐	☹				😐	☹	

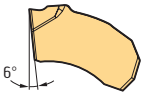
l_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WSM33S: SX-10E1000N08-CE4 WSM33S

HC = Coated carbide
HW = Uncoated carbide

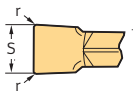
WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

D 2

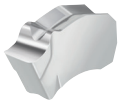
Grooving and parting off – cutting inserts
SX
Tiger·tec® Silver



SX...N



Cutting inserts

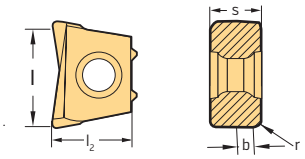
	Designation	s mm	r mm	S_{Tol} mm	I_{Tol} mm	P HC WKP23S	P HC WSM23S	P HC WSM33S	P HC WSM43S	M HC WSM23S	M HC WSM33S	M HC WSM43S	K HC WKP23S	N HW WK1	S HC WSM23S	S HC WSM33S	S HC WSM43S	S HW WK1
	SX-2E200N02-CF6	2	0.2	±0.05	±0.1			●	●		●	●				●	●	
	SX-3E300N02-CF6	3	0.2	±0.05	±0.1			●	●		●	●				●	●	
	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									●				●

I_{Tol} = Repeat accuracy when changing indexable inserts within one insert batch
Radius tolerance r_{Tol} = ±0.05 mm
Ordering example for the grade WSM33S: SX-10E1000N08-CE4 WSM33S

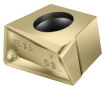
HC = Coated carbide
HW = Uncoated carbide

D2

Tangential rhombic
XNHX
Tiger·tec® Gold



Indexable inserts

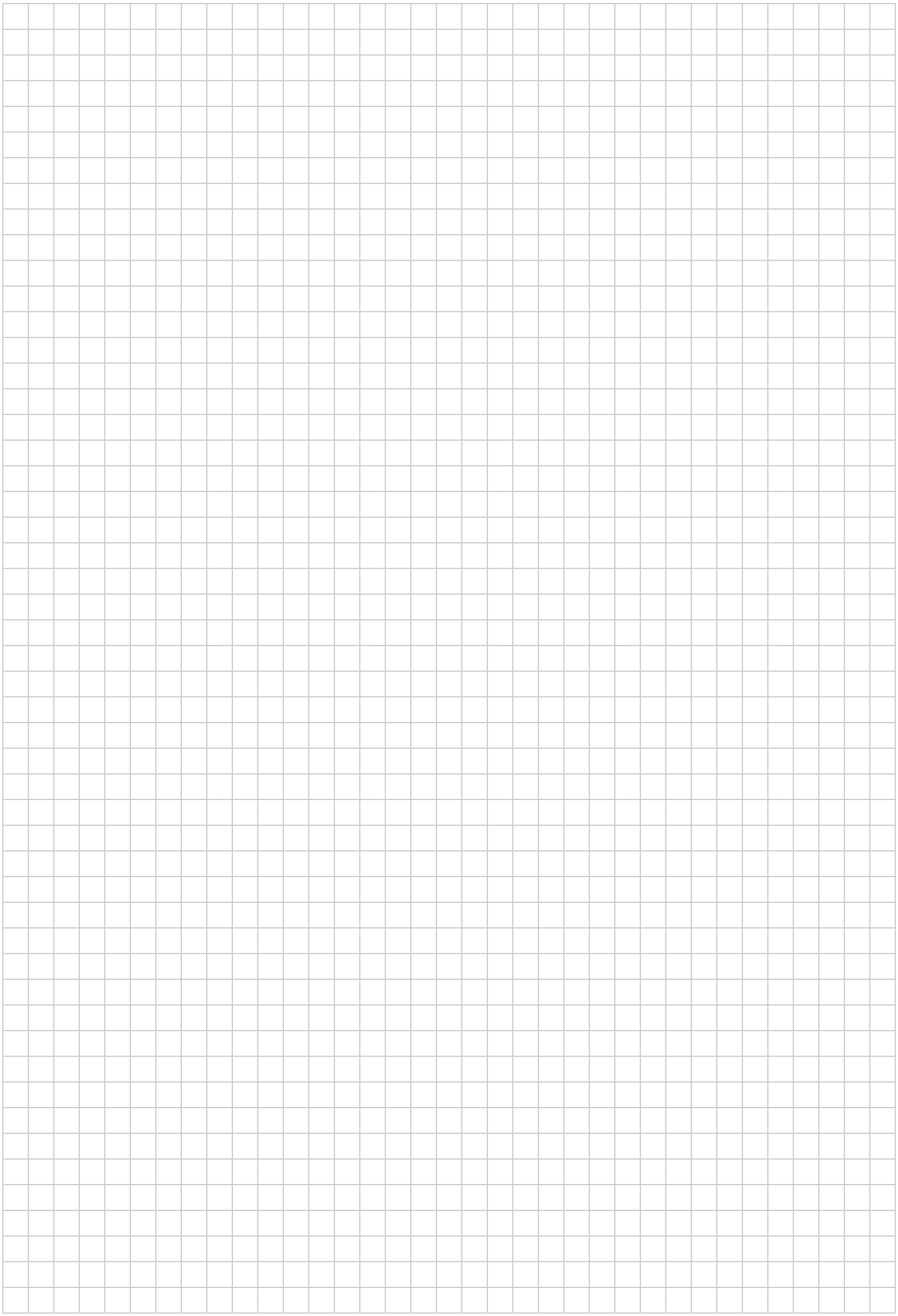
	Designation	Tolerance class	Number of cutting edges	s mm	l mm	l_2 mm	r mm	b mm	P HC		M HC			S HC		
									WSP45G	WSP45S	WSM45X	WSP45G	WSP45S	WSM45X	WSP45G	WSP45S
	XNHX130608R-L65T	H	2	6.8	14	10.5	0.8	2	☹		☹	☹		☹	☹	
	XNHX130612R-L65T	H	2	6.8	14	10.5	1.2	2	☹		☹	☹		☹	☹	
	XNHX130616R-L65T	H	2	6.8	14	10.5	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

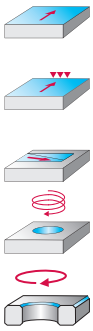
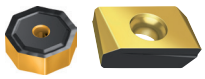
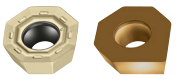
HC = Coated carbide

D2

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



Face milling cutters

Machining								
Lead angle κ	42°		42°		43°		43°	
								
Designation	M2026		M2025		M5004 Xtra·tec® XT		F2010	
Diameter range	200–250	—	80–160	—	24–160	*0.935–6.000*	80–315	—
Boring bar/adaptor type								
DIN 1835 B								
Shell mill mount DIN 138	✔		✔		✔	✔	✔	
ScrewFit					✔	✔		
Cylindrical shank					✔	✔		
Cylindrical modular					✔			
Steep taper								
HSK								
NCT								
P Steel					●●		●●	
M Stainless steel					●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals					●●		●●	
S Materials with difficult cutting properties					●●		●●	
H Hard materials	●		●		●		●	
O Other					●		●	
Indexable inserts								
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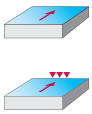
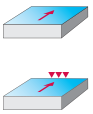
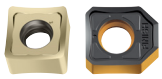
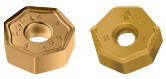
Number of cutting edges	16 / 4		16 / 4		8 / 1		8	
Max. depth of cut	3		3		3 - 4		4	
Page in catalog	D 398		D 398		D 350		D 408	
QR code								
www.walter-tools.com/woc/	M2026		M2025		M5004		F2010	

D 2

WALTER SELECT

●● Primary application ● Other application

Face milling cutters

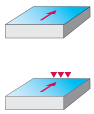
Machining								
Lead angle κ	**45°**		**45°**		**45°**		**45°**	
								
Designation	**M5009 Xtra·tec® XT**		**M4003**		**M3024 Walter BLAXX**		**F4045 Xtra·tec®**	
Diameter range	40–160	*1.500–6.000*	20–160	*0.750–6.000*	40–160	*2.000–6.000*	63–160	—
Boring bar/adaptor type								
DIN 1835 B								
Shell mill mount DIN 138	✔	✔	✔	✔	✔	✔	✔	
ScrewFit	✔							
Cylindrical shank			✔	✔				
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●			
M Stainless steel	●●		●●		●●			
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●					
S Materials with difficult cutting properties	●●		●●		●●			
H Hard materials	●		●				●	
O Other	●		●					
Indexable inserts								
	SN.X…XNGX…ANN…		SD…SDHX…		XN.U0705…XNGX0705…		XN.F0705…XN.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 catalog	D 358		D 380		D 388		D 400	
QR code								
www.walter-tools.com/woc/	M5009		M4003		M3024		F4045	

WALTER SELECT

●● Primary application ● Other application

D2

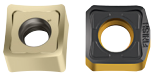
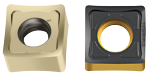
Face milling cutters

Machining				
Lead angle κ	**45°**	**45°**	**45°**	**45°**
				
Designation	**F2010**	**F2010**	**F2010**	**F2010**
Diameter range	80–315 —	80–315 —	80–315 —	80–315 —
Boring bar/adaptor type				
DIN 1835 B				
Shell mill mount DIN 138	✔	✔	✔	✔
ScrewFit				
Cylindrical shank				
Cylindrical modular				
Steep taper				
HSK				
NCT				
P Steel	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●
K Cast iron	●●	●●	●●	●●
N NF metals		●●	●●	
S Materials with difficult cutting properties	●●	●●	●●	
H Hard materials		●	●	
O Other		●	●	
Indexable inserts				
	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 catalog	D 418	D 412	D 414	D 410
QR code				
www.walter-tools.com/woc/	F2010	F2010	F2010	F2010

D2

WALTER SELECT ●● Primary application ● Other application

Face milling cutters

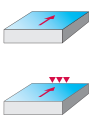
Machining								
Lead angle κ	**60°**		**60°**		**75°**		**88°**	
								
Designation	**M3016 Walter BLAXX**		**F2260**		**M5011 Xtra·tec® XT**		**M5012 Xtra·tec® XT**	
Diameter range	125–315	—	100–250	—	50–160	—	40–160	—
Boring bar/adaptor type								
DIN 1835 B								
Shell mill mount DIN 138	✔		✔		✔		✔	
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●		●●		●●	
M Stainless steel	●				●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals					●●		●●	
S Materials with difficult cutting properties	●				●●		●●	
H Hard materials	●		●		●		●	
O Other					●		●	
Indexable inserts								
	LNMX2010…		LNMU1508…		SN.X1205…XNGX1205ENN…		SN.X…XNGX….ZNN…	
Number of cutting edges	4		4		8 / 2		8 / 2	
Max. depth of cut	16		11		8		8 - 10	
Page in catalog	D 396		D 406		D 370		D 374	
QR code								
www.walter-tools.com/woc/	M3016		F2260		M5011		M5012	

WALTER SELECT

●● Primary application ● Other application

D2

Face milling cutters

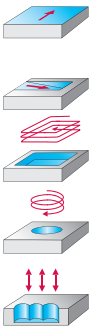
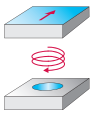
Machining				
Lead angle κ	**90°**		**90°**	
				
Designation	**F2250**		**F2010**	
Diameter range	63–100	—	80–315	—
Boring bar/adaptor type				
DIN 1835 B				
Shell mill mount DIN 138	✔		✔	
ScrewFit				
Cylindrical shank				
Cylindrical modular				
Steep taper				
HSK				
NCT				
P Steel			●●	
M Stainless steel			●	
K Cast iron			●●	
N NF metals	●●			
S Materials with difficult cutting properties				
H Hard materials			●	
O Other				
Indexable inserts				
	SP..1204...SPHX1204...		P2903..	
Number of cutting edges	1 / 1		3	
Max. depth of cut	3		9	
Page in catalog	D 404		D 416	
QR code				
www.walter-tools.com/woc/	F2250		F2010	

D 2

WALTER SELECT

●● Primary application ● Other application

High-feed milling cutters

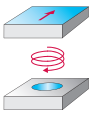
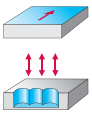
Machining								
Lead angle κ	**15°**		**15°**		**15°**		**15°**	
								
Designation	**M5008 Xtra·tec® XT**		**M4002**		**F2330**		**F2010**	
Diameter range	10–60.1	*0.394–2.268*	8.09–102.2	*0.291–3.094*	10–71	*0.356–3.213*	69.93–304.93	—
Boring bar/adaptor type								
DIN 1835 B						✔		
Shell mill mount DIN 138	✔	✔	✔	✔	✔	✔	✔	
ScrewFit	✔	✔	✔	✔	✔	✔		
Cylindrical shank	✔	✔	✔	✔	✔	✔		
Cylindrical modular	✔		✔					
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals			●●				●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials	●●		●				●	
O Other								
Indexable inserts								
	EN.X08T3...		SD...SD.X...		P263...		SD..1204...	
Number of cutting edges	4		4 / 4		3		4	
Max. depth of cut	1		1 - 2		1 - 2		2	
Page in catalog	D 540		D 546		D 554		D 560	
QR code								
www.walter-tools.com/woc/	M5008		M4002		F2330		F2010	

WALTER SELECT

●● Primary application ● Other application

D2

High-feed milling cutters

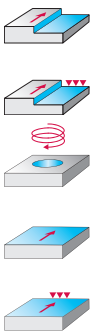
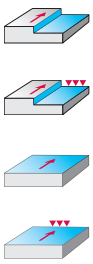
Machining				
Lead angle κ	**15°**		**21°**	
				
Designation	**F2010**		**F4030 Xtra·tec®**	
Diameter range	70–305	—	13.4–82	*0.543–3.291*
Boring bar/adaptor type				
DIN 1835 B				✔
Shell mill mount DIN 138	✔		✔	✔
ScrewFit			✔	✔
Cylindrical shank			✔	✔
Cylindrical modular				
Steep taper				
HSK				
NCT				
P Steel	●●		●●	
M Stainless steel	●●		●●	
K Cast iron	●●		●●	
N NF metals				
S Materials with difficult cutting properties	●●		●●	
H Hard materials				
O Other				
Indexable inserts				
	P263...		P23696...	
Number of cutting edges	3		6	
Max. depth of cut	2		1 - 2	
Page in catalog	D 558		D 550	
QR code				
www.walter-tools.com/woc/	F2010		F4030	

D 2

WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters

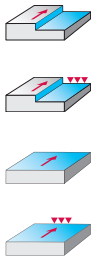
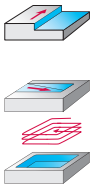
Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**F2010**		**F2010**		**F2010**		**F2010**	
Diameter range	80–315	—	80–315	—	80–315	—	80–315	—
Boring bar/adaptor type								
DIN 1835 B								
Shell mill mount DIN 138	✔		✔		✔		✔	
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●		●●		●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials	●		●		●		●	
O Other	●		●		●		●	
Indexable inserts								
	AD..1204...		AD..1606...		LN.X1307...		LN.U0904...	
Number of cutting edges	2		2		4		4	
Max. depth of cut	11.7		15		13		8	
Page in catalog	D 502		D 504		D 506		D 508	
QR code								
www.walter-tools.com/woc/	F2010		F2010		F2010		F2010	

WALTER SELECT

●● Primary application ● Other application

D2

Shoulder milling cutters

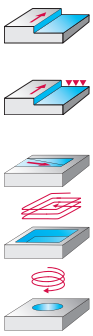
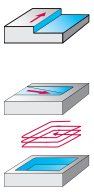
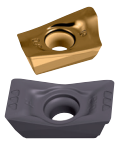
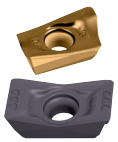
Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**F2010**		**F2338F**		**F4038 Xtra·tec®**		**F4041 Xtra·tec®**	
Diameter range	80–315	—	63–85	—	20–32	*0.750–1.000*	40–125	*1.500–4.000*
Boring bar/adaptor type								
DIN 1835 B					✔	✔	✔	
Shell mill mount DIN 138	✔		✔				✔	✔
ScrewFit					✔		✔	✔
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals	●●				●●		●●	
S Materials with difficult cutting properties	●●		●		●●		●●	
H Hard materials	●						●	
O Other	●				●		●	
Indexable inserts								
	LN.U1306…		LP..1506…SP..1206…		AD..0803…		LN.X1307…	
Number of cutting edges	4		2 / 4		2		4	
Max. depth of cut	12		48 - 70		22 - 37		13	
Page in catalog	D 510		D 536		D 522		D 478	
QR code								
www.walter-tools.com/woc/	F2010		F2338F		F4038		F4041	

WALTER SELECT

●● Primary application ● Other application

D 2

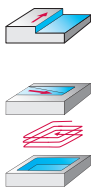
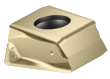
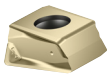
Shoulder milling cutters

Machining				
Lead angle κ	**90°**	**90°**	**90°**	**90°**
				
Designation	**F4042R Xtra·tec®**	**F4042 Xtra·tec®**	**F4138 Xtra·tec®**	**F4238 Xtra·tec®**
Diameter range	16–63 / *0.625–2.000*	10–160 / *0.500–4.000*	32–63 / *1.250–2.000*	40–80 / *1.500–3.000*
Boring bar/adaptor type				
DIN 1835 B	✔ / ✔	✔ / ✔	✔ / ✔	/ ✔
Shell mill mount DIN 138	✔ / ✔	✔ / ✔	✔ / ✔	✔ / ✔
ScrewFit	✔ / ✔	✔ / ✔	✔ / ✔	✔ /
Cylindrical shank	✔ / ✔	✔ / ✔		
Cylindrical modular				
Steep taper				
HSK				
NCT			✔	✔
P Steel	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●
H Hard materials	●	●		
O Other	●	●	●	●
Indexable inserts				
	AD..10T3...ADGX10T3...	AD..10T3...ADGX1606...	AD..1204...	AD..1606...
Number of cutting edges	2 / 2	2 / 2	2	2
Max. depth of cut	10	8 - 16.7	33 - 54	29 - 99
Page in catalog	D 482	D 486	D 526	D 530
QR code				
www.walter-tools.com/woc/	F4042R	F4042	F4138	F4238

WALTER SELECT ●● Primary application ● Other application

D2

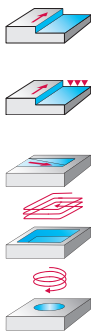
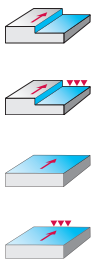
Shoulder milling cutters

Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**F4338 Xtra·tec®**		**F5038 Walter BLAXX**		**F5041 Walter BLAXX**		**F5138 Walter BLAXX**	
Diameter range	63–80	—	25–40	—	25–63	*1.000–2.000*	40–80	*1.500–2.500*
Boring bar/adaptor type								
DIN 1835 B			✔		✔	✔		✔
Shell mill mount DIN 138	✔				✔	✔	✔	✔
ScrewFit			✔		✔		✔	
Cylindrical shank					✔	✔		
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals			●●		●●		●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials					●			
O Other			●		●		●	
Indexable inserts								
	AD..1807…		LN.U0904…		LN.U0904…LNHX0904…		LN.U1306…	
Number of cutting edges	2		4		4 / 4		4	
Max. depth of cut	47 - 78		32 - 40		8		34 - 56	
Page in catalog	D 534		D 516		D 466		D 518	
QR code								
www.walter-tools.com/woc/	F4338		F5038		F5041		F5138	

WALTER SELECT ●● Primary application ● Other application

D 2

Shoulder milling cutters

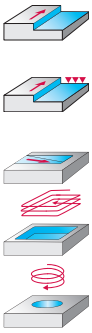
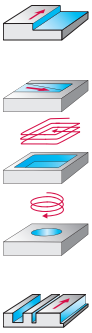
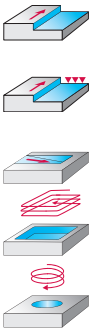
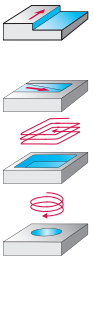
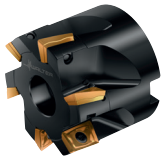
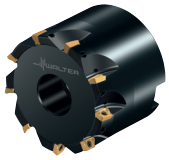
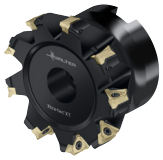
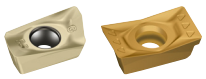
Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**F5141 Walter BLAXX**		**F5241 Walter BLAXX**		**M2131**		**M2136**	
Diameter range	40–160	*1.500–6.000*	50–160	—	25–80	*1.000–3.000*	50–160	—
Boring bar/adaptor type								
DIN 1835 B	✔	✔						
Shell mill mount DIN 138	✔	✔	✔		✔	✔	✔	
ScrewFit	✔	✔			✔	✔		
Cylindrical shank	✔				✔	✔		
Cylindrical modular								
Steep taper								
HSK					✔			
NCT								
P Steel	●●		●●					
M Stainless steel	●●		●●					
K Cast iron	●●		●●				●●	
N NF metals	●●		●●		●●			
S Materials with difficult cutting properties	●●		●●					
H Hard materials	●		●					
O Other	●		●		●			
Indexable inserts								
	LN.U1306…LNHX1306…		LN.U1607…		ZDGT…		SNEF1204…SNEX1204…	
Number of cutting edges	4 / 4		4		2		8 / 4	
Max. depth of cut	12		15		15 - 20		6.5	
Page in catalog	D 472		D 476		D 458		D 464	
QR code								
www.walter-tools.com/woc/	F5141		F5241		M2131		M2136	

WALTER SELECT

●● Primary application ● Other application

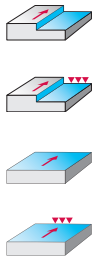
D2

Shoulder milling cutters

Machining								
Lead angle κ	90°		90°		90°		90°	
								
Designation	M2331		M4130		M5130 Xtra·tec® XT		M5137 Xtra·tec® XT	
Diameter range	40–50	—	16–80	—	10–160	*0.500–6.000*	25–100	*1.000–4.000*
Boring bar/adaptor type								
DIN 1835 B			✔		✔	✔	✔	✔
Shell mill mount DIN 138	✔		✔		✔	✔	✔	✔
ScrewFit					✔	✔		
Cylindrical shank					✔	✔		
Cylindrical modular					✔			
Steep taper								
HSK								
NCT								
P Steel			●●		●●		●●	
M Stainless steel			●●		●●		●●	
K Cast iron			●●		●●		●●	
N NF metals	●●				●●			
S Materials with difficult cutting properties			●●		●●		●●	
H Hard materials					●			
O Other	●				●			
Indexable inserts								
	ZDGT..A...		LD...		AC... / BC...BCGX...		TNMU...	
Number of cutting edges	2		2		2 / 2		6	
Max. depth of cut	15 - 20		8 - 16		5 - 15		5 - 8	
Page in catalog	D 462		D 450		D 422		D 442	
QR code								
www.walter-tools.com/woc/	M2331		M4130		M5130		M5137	

WALTER SELECT ●● Primary application ● Other application

Shoulder milling cutters

Machining								
Lead angle κ	**89,75°**		**89,5°**		**89,5°**	**89,5°**		
								
Designation	**M4132**		**F2010**		**F2010**	**M4132**		
Diameter range	40–125	—	80–315	—	80–315	—	16–50	*0.625–3*
Boring bar/adaptor type								
DIN 1835 B							✔	✔
Shell mill mount DIN 138	✔		✔		✔			✔
ScrewFit							✔	
Cylindrical shank								
Cylindrical modular							✔	
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●	●●		
M Stainless steel	●●		●●		●●	●●		
K Cast iron	●●		●●		●●	●●		
N NF metals	●●		●●		●●	●●		
S Materials with difficult cutting properties	●●		●●		●●	●●		
H Hard materials	●		●		●	●		
O Other	●		●		●	●		
Indexable inserts								
	SD…		SD..09T3…		SD..1204…	SD…		
Number of cutting edges	4		4		4	4		
Max. depth of cut	8.4 - 11.6		8.4		11.6	5.6 - 11.6		
Page in catalog	D 454		D 512		D 514	D 454		
QR code								
www.walter-tools.com/woc/	M4132		F2010		F2010	M4132		

WALTER SELECT

●● Primary application ● Other application

D2

Slot milling cutters

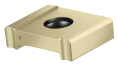
Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**F2252**		**F2252**		**F2252**		**F2252**	
Diameter range	80–160	—	100–160	—	125–200	—	100–160	—
Boring bar/adaptor type								
DIN 1835 B								
Shell mill mount DIN 138	✔		✔		✔		✔	
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●		●●		●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials								
O Other	●		●		●		●	
Indexable inserts								
	MP..0603...P2905..		MP..0803...P2905..		MP..1204....P2905..		AD..0803...	
Number of cutting edges	2 / 4		2 / 4		2 / 4		2	
Max. depth of cut	—		—		—		—	
Page in catalog	D 606		D 606		D 606		D 600	
QR code								
www.walter-tools.com/woc/	F2252		F2252		F2252		F2252	

D 2

WALTER SELECT

●● Primary application ● Other application

Slot milling cutters

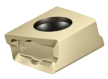
Machining			 					
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**F2252**		**F2252**		**F4053 Xtra·tec®**		**F4153 Xtra·tec®**	
Diameter range	125–200	—	125–200	—	80–160	—	80–200	*3.000–6.000*
Boring bar/adaptor type								
DIN 1835 B								
Shell mill mount DIN 138	✔		✔		✔		✔	✔
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								
	AD..1204…		AD..1606…		LN.X0702…		LN.U…	
Number of cutting edges	2		2		4		4	
Max. depth of cut	—		—		—		—	
Page in catalog	D 602		D 604		D 584		D 586	
QR code								
www.walter-tools.com/woc/	F2252		F2252		F4053		F4153	

WALTER SELECT

●● Primary application ● Other application

D2

Slot milling cutters

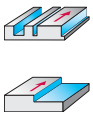
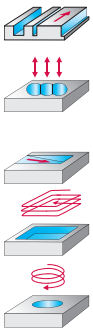
Machining					 			
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**F4253 Xtra·tec®**		**F5055 Walter BLAXX**		**M3255 Walter BLAXX**		**M4256**	
Diameter range	100–315	—	63–500	*3.937–6.299*	50–80	*2.000–3.000*	20–32	—
Boring bar/adaptor type								
DIN 1835 B							✔	
Shell mill mount DIN 138	✔		✔	✔	✔	✔		
ScrewFit							✔	
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●				●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●				●●	
N NF metals			●●					
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials								
O Other								
Indexable inserts								
	LN.U…		SX…		XNHX1306…LNHX1206…		LD..08T2…SD..06T2…	
Number of cutting edges	4		1		2 / 4		2 / 4	
Max. depth of cut	—		—		46 - 58		27 - 37	
Page in catalog	D 592		D 594		D 580		D 570	
QR code								
www.walter-tools.com/woc/	F4253		F5055		M3255		M4256	

WALTER SELECT

●● Primary application ● Other application

D 2

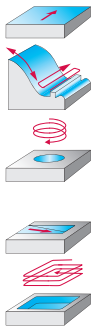
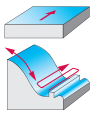
Slot milling cutters

Machining								
Lead angle κ	**90°**		**90°**		**90°**		**90°**	
								
Designation	**M4257**		**M4258**		**M4791**		**M4792**	
Diameter range	40–63	*1.500–2.500*	50–100	*3.000–4.000*	—	*0.750–1.750*	17.9–39.9	*0.750–1.500*
Boring bar/adaptor type								
DIN 1835 B	✔	✔				✔	✔	✔
Shell mill mount DIN 138	✔	✔	✔	✔				
ScrewFit	✔							
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals					●●			
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials					●			
O Other								
Indexable inserts								
	LD..14T3...SD...09T3...		LD..14704...SD..1204...		SD...		LD...SD...	
Number of cutting edges	2 / 4		2 / 4		4		2 / 4	
Max. depth of cut	47 - 54		25 - 118		5,6 - 11,6		8,3 - 26,9	
Page in catalog	D 570		D 570		D 562		D 566	
QR code								
www.walter-tools.com/woc/	M4257		M4258		M4791		M4792	

WALTER SELECT ●● Primary application ● Other application

D2

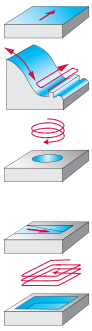
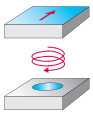
Copy milling cutters

Machining								
Lead angle κ								
								
Designation	**M5468 Xtra·tec® XT**		**M5460 Xtra·tec® XT**		**M2471**		**F2339**	
Diameter range	10–160	*1.000–5.000*	8–32	*0.375–1.000*	25–63	*2.000–2.500*	16–40	*0.625–2.000*
Boring bar/adaptor type								
DIN 1835 B	✔	✔	✔	✔			✔	✔
Shell mill mount DIN 138	✔	✔			✔	✔		
ScrewFit	✔				✔		✔	✔
Cylindrical shank			✔	✔	✔		✔	
Cylindrical modular	✔		✔				✔	
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●				●●	
N NF metals	●●							
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials	●●		●●				●	
O Other	●		●					
Indexable inserts								
	RD.X... / RO.X...		P32...		RN.X...		XD.T...SP...	
Number of cutting edges	4 / 8		1		8		2 / 4	
Max. depth of cut	2,5 - 10		4 - 16		5 - 6		11 - 57	
Page in catalog	D 610		D 638		D 634		D 648	
QR code								
www.walter-tools.com/woc/	M5468		M5460		M2471		F2339	

WALTER SELECT ●● Primary application ● Other application

D2

Copy milling cutters

Machining								
Lead angle κ								
								
Designation	**F2334**		**F2239**		**F2139**		**F2010**	
Diameter range	25–80	*1.250–2.500*	20–63	—	8–32	—	83.3–318.3	—
Boring bar/adaptor type								
DIN 1835 B			✔					
Shell mill mount DIN 138	✔	✔					✔	
ScrewFit	✔	✔	✔		✔			
Cylindrical shank	✔	✔			✔			
Cylindrical modular			✔					
Steep taper								
HSK								
NCT			✔					
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals								
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials					●●		●	
O Other					●			
Indexable inserts								
	RO.X...		P26315...SP...		P32...		RO.X1605...	
Number of cutting edges	4 / 6 / 8		3 / 4		1		6	
Max. depth of cut	5 - 6		15 - 84		4 - 16		8	
Page in catalog	D 630		D 646		D 642		D 654	
QR code								
www.walter-tools.com/woc/	F2334R		F2239		F2139		F2010	

WALTER SELECT

●● Primary application ● Other application

D2

Profiling cutters

Machining								
Lead angle κ	**30°**		**45°**		**60°**		**90°**	
								
Designation	**M4574**		**M4574**		**M4574**		**M4575**	
Diameter range	8–20	*0.750*	8–40	*0.500–1.500*	8–20	*0.750*	20.5–49.5	*0.778–1.821*
Boring bar/adaptor type								
DIN 1835 B							✔	✔
Shell mill mount DIN 138								
ScrewFit			✔					
Cylindrical shank	✔	✔	✔	✔	✔	✔		
Cylindrical modular			✔					
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●		●●		●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials								
O Other								
Indexable inserts								
	SD…		SD…		SD…		SD…	
Number of cutting edges	4		4		4		4	
Max. depth of cut	2.7 - 4		3.5 - 7.5		4.8 - 6.8		—	
Page in catalog	D 658		D 658		D 658		D 662	
QR code								
www.walter-tools.com/woc/	M4574		M4574		M4574		M4575	

D2

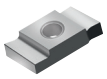
WALTER SELECT

●● Primary application ● Other application

Profiling cutters

Machining		
Lead angle κ	**90°**	



Designation	**F2036**	
Diameter range	16–63	—
Boring bar/adaptor type		
DIN 1835 B	✔	
Shell mill mount DIN 138		
ScrewFit		
Cylindrical shank		
Cylindrical modular		
Steep taper		
HSK		
NCT	✔	
P Steel	●●	
M Stainless steel		
K Cast iron	●●	
N NF metals		
S Materials with difficult cutting properties		
H Hard materials		
O Other		
Indexable inserts	 P20200...	
Number of cutting edges	2	
Max. depth of cut	—	
Page in catalog	D 666	
QR code		
www.walter-tools.com/woc/	F2036	

WALTER SELECT

●● Primary application ● Other application

D2

Octagonal face milling cutters

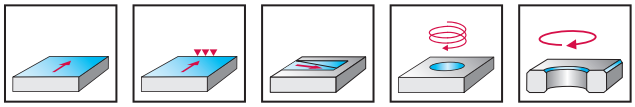
M5004 mm

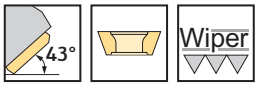
OD .. 0504 ..; ODHX0504ZZR

Xtra·tec® XT

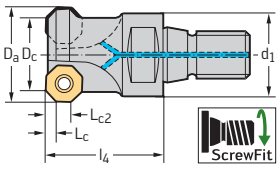
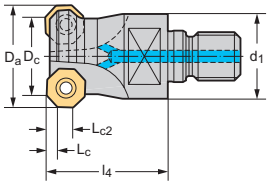
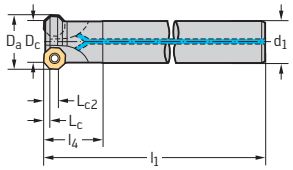


– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5004	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	L_{c2} mm	Z	kg	No. of inserts	Type
 ScrewFit	M5004-032-T28-02-03	24	32	T28	40		3	8	2	0.16	2	OD .. 0504 .. ODHX0504ZZR
	M5004-040-T36-03-03	32	40	T36	40		3	8	3	0.3	3	
 Cylindrical modular	M5004-032-TC16-02-03	24	32	M16	40		3	8	2	0.15	2	OD .. 0504 .. ODHX0504ZZR
 Cylindrical shank	M5004-032-A20-02-03	24	32	20	35	110	3	8	2	0.25	2	OD .. 0504 .. ODHX0504ZZR
	M5004-032-A25-02-03	24	32	25	35	150	3	8	2	0.51	2	
	M5004-040-A20-03-03	32	40	20	35	110	3	8	3	0.28	3	
	M5004-040-A25-03-03	32	40	25	35	150	3	8	3	0.55	3	

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [mm]	24–117
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 3 Nm

Accessories

	D_c [mm]	24–117
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K CN WSN10	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S	H HC WHH15
	ODHT050408-F57	H	8	0.8			●	●	✕				✕							✕	✕					✕		
	ODHW050408-A57	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		●	●	●	✕		●		✕						●	✕	✕			●		✕		
	ODHT0504ZZN-G77	H	8	0.8					●	●			●	●												●	●	
	ODHT0504ZZN-G88	H	8	0.8																		●	●					
	ODHW0504ZZN-A57	H	8	0.8		●	✕	✕								●			●	✕	✕							
	ODMT0504ZZN-D57	M	8	0.8		●	●	●	✕		●	✕	✕					●	●	✕	✕			●	✕	✕		
	ODMT0504ZZN-F57	M	8	0.8		●	●	●	✕		●		✕						●	✕	✕			●		✕		
	ODHX0504ZZR-A57	H	1	0.8	●			✕								●	●				✕							●

ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN . .

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

Octagonal face milling cutters

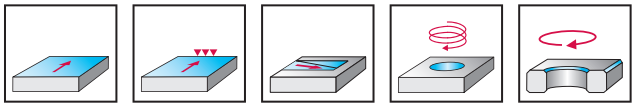
M5004 mm

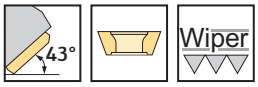
OD .. 0504 ..; ODHX0504ZZR

Xtra·tec® XT



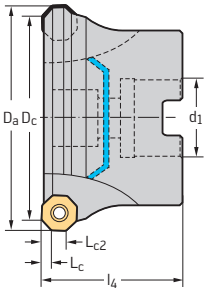
– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5004	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	L_{c2} mm	Z	kg	No. of inserts	Type
M5004-050-B16-04-03	42	50	16	40		3	8	4	0.22	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	0.36	4	
M5004-052-B22-05-03	44	52	22	40		3	8	5	0.35	5	
M5004-058-B16-04-03	50	58	16	40		3	8	4	0.3	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	0.4	5	
M5004-063-B22-06-03	55	63	22	40		3	8	6	0.4	6	
M5004-063-B22-07-03	55	63	22	40		3	8	7	0.39	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	0.5	6	
M5004-071-B22-07-03	63	71	22	40		3	8	7	0.48	7	
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	0.93	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

D 2

Assembly parts

	D_c [mm]	24–117
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 3 Nm

Accessories

	D_c [mm]	24–117
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K CN WSN10	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S	H HC WHH15
	ODHT050408-F57	H	8	0.8			●	●	●				●							●	●					●		
	ODHW050408-A57	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		●	●	●	●		●		●						●	●	●			●		●		
	ODHT0504ZZN-G77	H	8	0.8					●	●			●	●												●	●	
	ODHT0504ZZN-G88	H	8	0.8																		●	●					
	ODHW0504ZZN-A57	H	8	0.8		●	●	●								●			●	●	●							
	ODMT0504ZZN-D57	M	8	0.8		●	●	●	●		●	●	●					●	●	●	●			●	●	●		
	ODMT0504ZZN-F57	M	8	0.8		●	●	●	●		●		●						●	●	●			●		●		
	ODHX0504ZZR-A57	H	1	0.8	●			●								●	●				●							●

ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN . .

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

D 2

Octagonal face milling cutters

M5004 inch

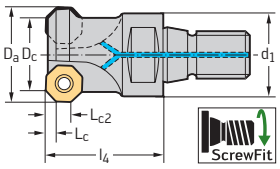
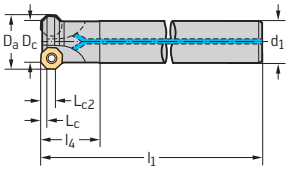
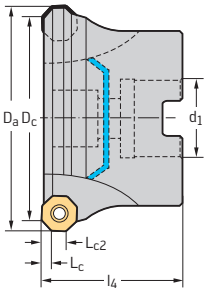
OD .. 0504 ..; ODHX0504ZZR

Xtra·tec® XT





	P	M	K	N	S	H	O
M5004	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	L_c inch	L_{c2} inch	Z	lbs	No. of inserts	Type
 ScrewFit	M5004.031-T28-02-03	0.935	1.250	T28	1.575	0.118	0.315	2	0.006	2	OD .. 0504 .. ODHX0504ZZR
	M5004.038-T36-03-03	1.185	1.500	T36	1.575	0.118	0.315	3	0.011	3	
 Cylindrical shank	★ M5004.038-A26-03-03	1.185	1.500	1.000	1.500	0.118	0.315	3	0.022	3	OD .. 0504 .. ODHX0504ZZR
	★ M5004.046-A31-03-03	1.500	1.815	1.250	1.750	0.118	0.315	3	0.058	3	
 Shell mill mount DIN 138 transverse keyway	M5004.059-B19-04-03	2.000	2.315	0.750	1.575	0.118	0.315	4	0.014	4	OD .. 0504 .. ODHX0504ZZR
	M5004.059-B19-05-03	2.000	2.315	0.750	1.575	0.118	0.315	5	0.014	5	
	M5004.072-B19-06-03	2.500	2.815	0.750	1.575	0.118	0.315	6	0.019	6	
	M5004.072-B19-07-03	2.500	2.815	0.750	1.575	0.118	0.315	7	0.018	7	
	★ M5004.076-B26-07-03	2.685	3.000	1.000	1.575	0.118	0.315	7	0.025	7	
	M5004.084-B26-07-03	3.000	3.315	1.000	1.575	0.118	0.315	7	0.029	7	
	M5004.084-B26-08-03	3.000	3.315	1.000	1.575	0.118	0.315	8	0.031	8	

Bodies and assembly parts are included in the scope of delivery

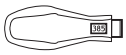
D 2

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

Assembly parts

	D_c [inch]	0,94–1,5	2–2,5	2,69–3
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 27 in lbs	FS2119 (T15IP) 27 in lbs	FS2119 (T15IP) 27 in lbs
	Clamping screw for arbor-mounted tools		FS1518	FS1519

Accessories

	D_c [inch]	0,94–3	1,19–1,5
	Torque screwdriver, analog		FS2003
	Torque screwdriver, analog	FS2004	
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K CN WSN10	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S	H HC WHH15
	ODHT050408-F57	H	8	0.8			●	●	■				■							■	■					■		
	ODHW050408-A57	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		●	●	●	■		●		■						●	■	■			●		■		
	ODHT0504ZZN-G77	H	8	0.8					●	●			●	●												●	●	
	ODHT0504ZZN-G88	H	8	0.8																		●	●					
	ODHW0504ZZN-A57	H	8	0.8		●	■	■								●			●	■	■							
	ODMT0504ZZN-D57	M	8	0.8		●	●	●	■		●	■	■					●	●	■	■			●	■	■		
	ODMT0504ZZN-F57	M	8	0.8		●	●	●	■		●		■						●	■	■			●		■		
	ODHX0504ZZR-A57	H	1	0.8	●			■								●	●				■							●

ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN . .

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

D2

Octagonal face milling cutters

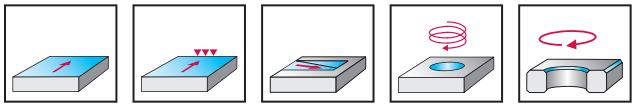
M5004 mm

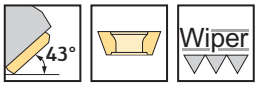
OD .. 0605 ..; ODHX0605ZZR

Xtra·tec® XT



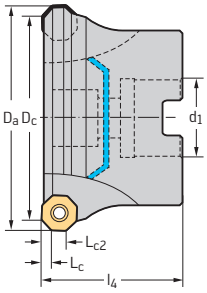
– 8 cutting edges per indexable insert





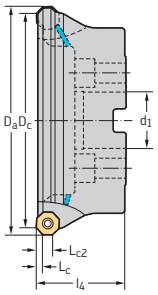
	P	M	K	N	S	H	O
M5004	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	L_{c2} mm	Z	kg	No. of inserts	Type
M5004-050-B16-03-04	40	50	16	40	4	10	3	0.19	3	OD .. 0605 .. ODHX0605ZZR
M5004-052-B22-03-04	42	52	22	45	4	10	3	0.29	3	
M5004-060-B16-03-04	50	60	16	40	4	10	3	0.29	3	
M5004-063-B22-04-04	53	63	22	40	4	10	4	0.38	4	
M5004-063-B22-05-04	53	63	22	40	4	10	5	0.34	5	
M5004-063-B22-06-04	53	63	22	40	4	10	6	0.35	6	
M5004-066-B27-05-04	56	66	27	50	4	10	5	0.63	5	
M5004-066-B27-06-04	56	66	27	50	4	10	6	0.6	6	
M5004-073-B22-05-04	63	73	22	40	4	10	5	0.48	5	
M5004-073-B22-06-04	63	73	22	40	4	10	6	0.45	6	
M5004-080-B27-05-04	70	80	27	50	4	10	5	0.85	5	
M5004-080-B27-06-04	70	80	27	50	4	10	6	0.85	6	
M5004-080-B27-07-04	70	80	27	50	4	10	7	0.82	7	
M5004-090-B27-06-04	80	90	27	50	4	10	6	1	6	
M5004-090-B27-07-04	80	90	27	50	4	10	7	0.99	7	
M5004-100-B32-07-04	90	100	32	50	4	10	7	1.44	7	
M5004-100-B32-09-04	90	100	32	50	4	10	9	1.4	9	
M5004-110-B32-07-04	100	110	32	50	4	10	7	1.64	7	
M5004-110-B32-09-04	100	110	32	50	4	10	9	1.69	9	
M5004-125-B40-08-04	115	125	40	63	4	10	8	2.79	8	
M5004-125-B40-10-04	115	125	40	63	4	10	10	2.8	10	
M5004-135-B40-08-04	125	135	40	63	4	10	8	3.16	8	
M5004-135-B40-10-04	125	135	40	63	4	10	10	3.1	10	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	L_{c2} mm	Z	kg	No. of inserts	Type
M5004-160-B40-09-04	150	160	40	63	4	10	9	4.23	9	OD .. 0605 .. ODHX0605ZZR
M5004-160-B40-11-04	150	160	40	63	4	10	11	4.22	11	
M5004-170-B40-09-04	160	170	40	63	4	10	9	4.71	9	
M5004-170-B40-11-04	160	170	40	63	4	10	11	4.66	11	

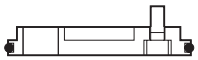
Bodies and assembly parts are included in the scope of delivery

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

Assembly parts

	D_c [mm]	40–160
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm

Accessories

	D_c [mm]	40–125	150–160
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)
	Sealing disc (gasket + screws)		
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	M HC WXM15	K CN WSN10	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S	H HC WHH15
	ODHT060512-F57	H	8	1.2			●	●	●					●								●	●						●		
	ODHW060512-A57	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		●	●	●	●			●		●							●	●	●				●		●		
	ODHT0605ZZN-G77	H	8	0.8					●	●				●	●														●	●	
	ODHT0605ZZN-G88	H	8	0.8																					●	●					
	ODHW0605ZZN-A57	H	8	0.8		●	●	●										●			●	●	●								
	ODMT0605ZZN-D57	M	8	0.8		●	●	●	●	●		●	●	●	●					●	●	●	●				●	●	●	●	
	ODMT0605ZZN-F57	M	8	0.8		●	●	●	●			●		●							●	●	●				●		●		
	ODHX0605ZZN-A57	H	8	1.8	●													●	●												●
	ODHX0605ZZN-A88	H	8	1.8	●						●					●			●					●							●
	ODHX0605ZZR-A57	H	1	0.8	●			●										●	●				●								●

ODHX0605ZZR-A57 wiper insert only in combination with ODH.0605ZZN . .

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

D2

Octagonal face milling cutters

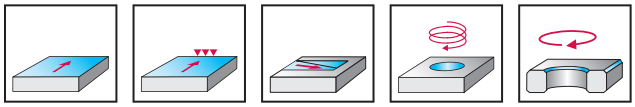
M5004 inch

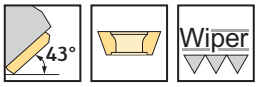
OD .. 0605 ..; ODHX0605ZZR

Xtra·tec® XT



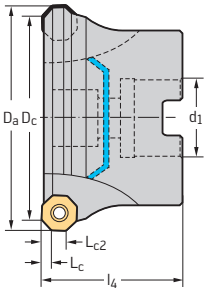
– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5004	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	L_c inch	L_{c2} inch	Z	lbs	No. of inserts	Type
★ M5004.086-B26-06-04	3.000	3.394	1.000	1.969	0.157	0.394	6	0.037	6	OD .. 0605 .. ODHX0605ZZR
★ M5004.086-B26-07-04	3.000	3.394	1.000	1.969	0.157	0.394	3	0.037	3	
★ M5004.112-B38-07-04	4.000	4.394	1.500	2.48	0.157	0.394	7	0.106	7	
★ M5004.112-B38-09-04	4.000	4.394	1.500	2.48	0.157	0.394	9	0.104	9	
★ M5004.137-B38-08-04	5.000	5.394	1.500	2.48	0.157	0.394	8	0.142	8	
★ M5004.137-B38-09-04	5.000	5.394	1.500	2.48	0.157	0.394	9	0.14	9	
★ M5004.162-B38-09-04	6.000	6.394	1.500	2.48	0.157	0.394	9	0.175	9	
★ M5004.162-B38-10-04	6.000	6.394	1.500	2.48	0.157	0.394	10	0.182	10	

Bodies and assembly parts are included in the scope of delivery

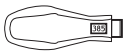
D 2

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

Assembly parts

	D_c [inch]	3	4	5–6
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 44 in lbs	FS1495 (T20IP) 44 in lbs	FS1495 (T20IP) 44 in lbs
	Clamping screw for arbor-mounted tools	FS1519	FS1583	

Accessories

	D_c [inch]	3–4	5–6
	Torque screwdriver, analog		FS2003
	Torque screwdriver, analog	FS2004	
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P							M					K								N		S				H
								HC						HC			CN			HC					HC	HW			HC			HC
					WHH15	WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WXM15	WSM35S	WSM45X	WSP45G	WSP45S	WXM15	WSN10	WAK15	WHH15	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35S	WSM45X	WSP45G	WSP45S	WHH15
	ODHT060512-F57	H	8	1.2			●	●	●					●								●	●						●		
	ODHW060512-A57	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		●	●	●	●			●		●							●	●	●				●		●		
	ODHT0605ZZN-G77	H	8	0.8					●	●					●	●														●	●
	ODHT0605ZZN-G88	H	8	0.8																					●	●					
	ODHW0605ZZN-A57	H	8	0.8		●	●	●										●			●	●	●								
	ODMT0605ZZN-D57	M	8	0.8		●	●	●	●	●		●	●	●	●					●	●	●	●				●	●	●	●	
	ODMT0605ZZN-F57	M	8	0.8		●	●	●	●			●		●							●	●	●				●		●		
	ODHX0605ZZN-A57	H	8	1.8	●													●	●												●
	ODHX0605ZZN-A88	H	8	1.8	●						●					●			●					●							●
	ODHX0605ZZR-A57	H	1	0.8	●			●										●	●				●								●

ODHX0605ZZR-A57 wiper insert only in combination with ODH.0605ZZN . .

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

D2

Face milling cutters

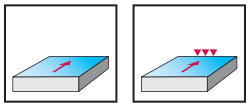
M5009 mm

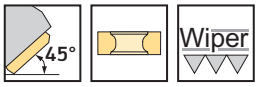
SNMX090408; SN . X0904ANN; XNGX0904ANN

Xtra·tec® XT



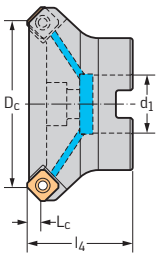
– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5009	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5009-040-B16-04-05	40	16	40	5	4	0.3	4	SN.X0904.. XNGX0904ANN
M5009-040-B16-06-05	40	16	40	5	6	0.29	6	
M5009-050-B22-06-05	50	22	40	5	6	0.44	6	
M5009-050-B22-08-05	50	22	40	5	8	0.43	8	
M5009-063-B22-07-05	63	22	40	5	7	0.56	7	
M5009-063-B22-09-05	63	22	40	5	9	0.56	9	
M5009-080-B27-08-05	80	27	50	5	8	1.36	8	
M5009-080-B27-11-05	80	27	50	5	11	1.36	11	
M5009-100-B32-09-05	100	32	50	5	9	1.85	9	
M5009-100-B32-13-05	100	32	50	5	13	1.83	13	

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [mm]	40–100
	Clamping screw for indexable insert Tightening torque	FS2579 (T8IP) 1.2 Nm

Accessories

	D_c [mm]	40–100
	Torque screwdriver, analog	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	H HC WHH15
	SNGX0904ANN-F57	G	8	1.2		●	●	●	●		●	●				●	●	●	●				●	●	
	SNGX0904ANN-F67	G	8	1.2		●	●	●	●		●	●		●			●	●	●				●	●	
	SNHX0904ANN-K88	H	8	1.5																	●	●			
	SNMX0904ANN-F27	M	8	1.2		●	●	●									●	●	●						
	SNMX0904ANN-F57	M	8	1.2		●	●	●	●		●	●				●	●	●	●				●	●	
	SNMX0904ANN-F67	M	8	1.2		●	●	●	●		●	●		●			●	●	●				●	●	
	SNMX090408-F27	M	8			●	●	●									●	●	●						
	SNMX090408-F57	M	8			●	●	●	●		●	●				●	●	●	●				●	●	
	SNMX090408-F67	M	8			●	●	●	●		●	●					●	●	●				●	●	
	XNGX0904ANN-F67	G	2	5	●					●			●	●	●					●					●

HC = Coated carbide
HW = Uncoated carbide

D2

Face milling cutters

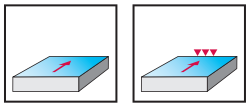
M5009 inch

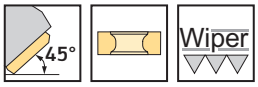
SNMX090408; SN . X0904ANN; XNGX0904ANN

Xtra·tec® XT



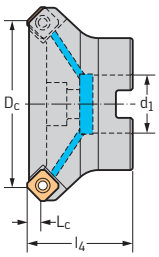
– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5009	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M5009.038-B19-04-05	1.500	0.750	1.500	0.197	4	0.01	4	SN.X0904.. XNGX0904ANN
M5009.038-B19-06-05	1.500	0.750	1.500	0.197	6	0.010	6	
M5009.051-B19-06-05	2.000	0.750	1.500	0.197	6	0.016	6	
M5009.051-B19-08-05	2.000	0.750	1.500	0.197	8	0.016	8	
M5009.064-B26-07-05	2.500	1.000	2.000	0.197	7	0.033	7	
M5009.064-B26-09-05	2.500	1.000	2.000	0.197	9	0.033	9	
M5009.076-B26-08-05	3.000	1.000	2.000	0.197	8	0.043	8	
M5009.076-B26-11-05	3.000	1.000	2.000	0.197	11	0.052	11	
M5009.102-B38-09-05	4.000	1.500	2.500	0.197	9	0.117	9	

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [inch]	1.5–2	2.5–3	4
	Clamping screw for indexable insert Tightening torque	FS2579 (T8IP) 11 in lbs	FS2579 (T8IP) 11 in lbs	FS2579 (T8IP) 11 in lbs
	Clamping screw for arbor-mounted tools	FS1518	FS1519	FS1583

Accessories

	D_c [inch]	1.5–4
	Torque screwdriver, analog	FS2002
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	H HC WHH15
	SNGX0904ANN-F57	G	8	1.2		☺	☺	☺	☹		☺	☹				☺	☺	☹	☹				☺	☹	
	SNGX0904ANN-F67	G	8	1.2		☺	☺	☺	☹		☺	☹		☺			☺	☹	☹				☺	☹	
	SNHX0904ANN-K88	H	8	1.5																	☺	☺			
	SNMX0904ANN-F27	M	8	1.2		☺	☺	☺									☺	☹	☹						
	SNMX0904ANN-F57	M	8	1.2		☺	☺	☺	☹		☺	☹				☺	☺	☹	☹				☺	☹	
	SNMX0904ANN-F67	M	8	1.2		☺	☺	☺	☹		☺	☹		☺			☺	☹	☹				☺	☹	
	SNMX090408-F27	M	8			☺	☺	☺									☺	☹	☹						
	SNMX090408-F57	M	8			☺	☺	☺	☹		☺	☹				☺	☺	☹	☹				☺	☹	
	SNMX090408-F67	M	8			☺	☺	☺	☹		☺	☹					☺	☹	☹				☺	☹	
	XNGX0904ANN-F67	G	2	5	☺					☺			☺	☺	☺					☺					☺

HC = Coated carbide
HW = Uncoated carbide

D2

Face milling cutters

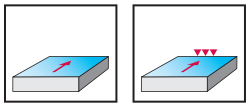
M5009 mm

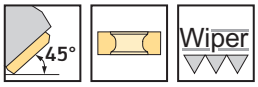
SN . X1205 ..; XNGX1205ANN

Xtra·tec® XT



– 8 cutting edges per indexable insert

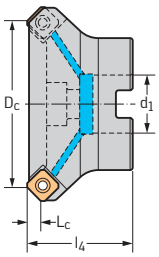




	P	M	K	N	S	H	O
M5009	●●	●●	●●	●●	●●	●	●

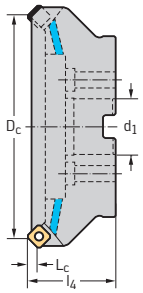
Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5009-050-B22-06-06	50	22	40	6	6	0.41	6	SN . X1205 .. XNGX1205ANN
M5009-063-B22-08-06	63	22	40	6	8	0.54	8	
M5009-063-B27-08-06	63	27	50	6	8	0.8	8	
M5009-080-B27-10-06	80	27	50	6	10	1.15	10	
M5009-100-B32-12-06	100	32	50	6	12	1.79	12	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5009-125-B40-16-06	125	40	63	6	16	3.34	16	SN . X1205 .. XNGX1205ANN
M5009-160-B40-20-06	160	40	63	6	20	5.05	20	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

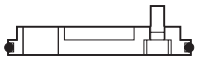
D 2

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

Assembly parts

	D_c [mm]	50–160
	Clamping screw for indexable insert Tightening torque	FS1459 (T15IP) 4 Nm

Accessories

	D_c [mm]	50–125	160
	Torque screwdriver, analog	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 COMPLETE SET
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	H HC WHH15
	SNGX120512-F57	G	8	1.2		●	●	●	●		●	●					●	●	●				●	●	
	SNMX120512-D27	M	8	1.2		●	●	●								●	●	●	●						
	SNMX120512-F27	M	8	1.2		●	●	●									●	●	●						
	SNMX120512-F57	M	8	1.2		●	●	●	●		●	●				●	●	●	●				●	●	
	SNMX120512-F67	M	8	1.2		●	●	●	●		●	●		●			●	●	●				●	●	
	SNMX120520-D27	M	8	2		●	●	●								●	●	●	●						
	SNMX120520-F57	M	8	2		●	●	●	●		●	●				●	●	●	●				●	●	
	SNGX1205ANN-F27	G	8	0.8		●	●	●									●	●	●						
	SNGX1205ANN-F57	G	8	0.8		●	●	●	●		●	●				●	●	●	●				●	●	
	SNGX1205ANN-F67	G	8	0.8		●	●	●	●		●	●		●			●	●	●				●	●	
	SNHX1205ANN-K88	H	8	0.8																	●	●			
	SNMX1205ANN-F27	M	8	0.8		●	●	●									●	●	●						
	SNMX1205ANN-F57	M	8	0.8		●	●	●								●	●	●	●						
	SNMX1205ANN-F67	M	8	0.8		●	●	●						●			●	●	●						
	XNGX1205ANN-F67	G	2	1.2	●					●			●	●	●					●					●

XNGX1205ANN-F67 wiper insert only in combination with SNGX1205ANN . .

HC = Coated carbide
HW = Uncoated carbide

D2

Face milling cutters

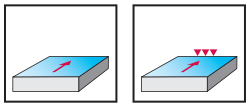
M5009 inch

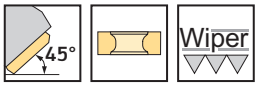
SN . X1205 ..; XNGX1205ANN

Xtra·tec® XT



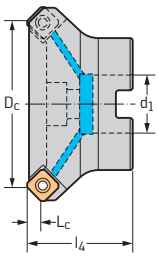
– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5009	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M5009.051-B19-06-06	2.000	0.750	1.500	0.236	6	0.015	6	SN . X1205 .. XNGX1205ANN
M5009.064-B26-08-06	2.500	1.000	2.000	0.236	8	0.031	8	
M5009.076-B26-09-06	3.000	1.000	2.000	0.236	9	0.042	9	
M5009.102-B38-12-06	4.000	1.500	2.500	0.236	12	0.109	12	
M5009.127-B38-16-06	5.000	1.500	2.500	0.236	16	0.145	16	
M5009.152-B38-19-06	6.000	1.500	2.500	0.236	19	0.183	19	

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [inch]	2	2.5–3	4–6
	Clamping screw for indexable insert Tightening torque	FS1459 (T15IP) 35 in lbs	FS1459 (T15IP) 35 in lbs	FS1459 (T15IP) 35 in lbs
	Clamping screw for arbor-mounted tools	FS1518	FS1519	FS1583

Accessories

	D_c [inch]	2–6
	Torque screwdriver, analog	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 mm	P HC WH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	H HC WHH15
	SNGX120512-F57	G	8	1.2		●	●	●	●		●	●					●	●	●				●	●	
	SNMX120512-D27	M	8	1.2		●	●	●								●	●	●	●						
	SNMX120512-F27	M	8	1.2		●	●	●									●	●	●						
	SNMX120512-F57	M	8	1.2		●	●	●	●		●	●				●	●	●	●				●	●	
	SNMX120512-F67	M	8	1.2		●	●	●	●		●	●		●			●	●	●				●	●	
	SNMX120520-D27	M	8	2		●	●	●								●	●	●	●						
	SNMX120520-F57	M	8	2		●	●	●	●		●	●				●	●	●	●				●	●	
	SNGX1205ANN-F27	G	8	0.8		●	●	●									●	●	●						
	SNGX1205ANN-F57	G	8	0.8		●	●	●	●		●	●				●	●	●	●				●	●	
	SNGX1205ANN-F67	G	8	0.8		●	●	●	●		●	●		●			●	●	●				●	●	
	SNHX1205ANN-K88	H	8	0.8																	●	●			
	SNMX1205ANN-F27	M	8	0.8		●	●	●									●	●	●						
	SNMX1205ANN-F57	M	8	0.8		●	●	●								●	●	●	●						
	SNMX1205ANN-F67	M	8	0.8		●	●	●						●			●	●	●						
	XNGX1205ANN-F67	G	2	1.2	●					●			●	●	●					●					●

XNGX1205ANN-F67 wiper insert only in combination with SNGX1205ANN . .

HC = Coated carbide
HW = Uncoated carbide

D2

Face milling cutters

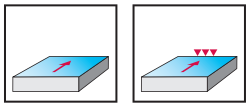
M5009 mm

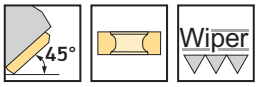
SN . X1205 ..; XNGX1205ANN

Xtra·tec® XT

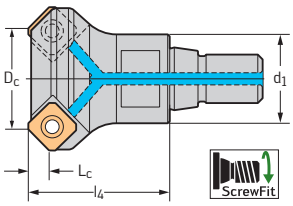
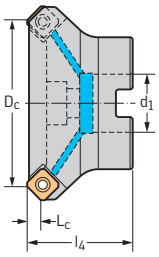
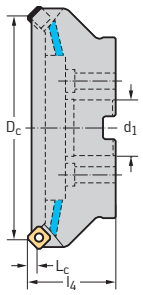


– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5009	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	M5009-040-T36-04-06-AP	40	T36	40	6	4	0.37	4	SN . X1205 .. XNGX1205ANN
 Shell mill mount DIN 138 transverse keyway	M5009-050-B22-04-06-AP	50	22	40	6	4	0.43	4	SN . X1205 .. XNGX1205ANN
	M5009-063-B22-06-06-AP	63	22	40	6	6	0.54	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	1.16	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	1.8	8	
 Shell mill mount DIN 138 transverse keyway	M5009-125-B40-07-06-AP	125	40	63	6	7	3.45	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	

Bodies and assembly parts are included in the scope of delivery

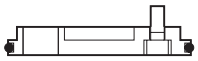
D 2

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

Assembly parts

	D_c [mm]	40–160
	Shim for indexable insert	AP800-SN1205 H81
	Clamping screw for shim	FS2069 (SW 4)
	Clamping screw for indexable insert Tightening torque	FS2617 (T15IP) 4 Nm

Accessories

	D_c [mm]	40–125	160
	Torque screwdriver, analog	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 COMPLETE SET
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	H HC WHH15
	SNGX120512-F57	G	8	1.2		●	●	●	●		●	●					●	●	●				●	●	
	SNMX120512-D27	M	8	1.2		●	●	●								●	●	●	●						
	SNMX120512-F27	M	8	1.2		●	●	●									●	●	●						
	SNMX120512-F57	M	8	1.2		●	●	●	●		●	●				●	●	●	●				●	●	
	SNMX120512-F67	M	8	1.2		●	●	●	●		●	●		●			●	●	●				●	●	
	SNMX120520-D27	M	8	2		●	●	●								●	●	●	●						
	SNMX120520-F57	M	8	2		●	●	●	●		●	●				●	●	●	●				●	●	
	SNGX1205ANN-F27	G	8	0.8		●	●	●									●	●	●						
	SNGX1205ANN-F57	G	8	0.8		●	●	●	●		●	●				●	●	●	●				●	●	
	SNGX1205ANN-F67	G	8	0.8		●	●	●	●		●	●		●			●	●	●				●	●	
	SNHX1205ANN-K88	H	8	0.8																	●	●			
	SNMX1205ANN-F27	M	8	0.8		●	●	●									●	●	●						
	SNMX1205ANN-F57	M	8	0.8		●	●	●								●	●	●	●						
	SNMX1205ANN-F67	M	8	0.8		●	●	●						●			●	●	●						
	XNGX1205ANN-F67	G	2	1.2	●					●			●	●	●					●					●

XNGX1205ANN-F67 wiper insert only in combination with SNGX1205ANN . .

HC = Coated carbide
HW = Uncoated carbide

D2

Face milling cutters

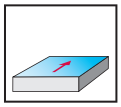
M5009 inch

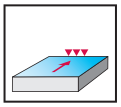
SN . X1205 ..; XNGX1205ANN

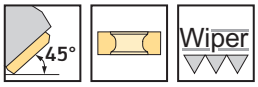
Xtra·tec® XT



– 8 cutting edges per indexable insert

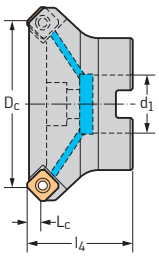






	P	M	K	N	S	H	O
M5009	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

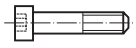
Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M5009.051-B19-04-06-AP	2.000	0.750	1.500	0.236	4	0.016	4	SN . X1205 .. XNGX1205ANN
M5009.064-B26-06-06-AP	2.500	1.000	2.000	0.236	6	0.031	6	
M5009.076-B26-07-06-AP	3.000	1.000	2.000	0.236	7	0.042	7	
M5009.102-B38-08-06-AP	4.000	1.500	2.500	0.236	8	0.108	8	
M5009.127-B38-10-06-AP	5.000	1.500	2.500	0.236	10	0.146	10	
M5009.152-B38-12-06-AP	6.000	1.500	2.500	0.236	12	0.184	12	

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [inch]	2	2.5–3	4–6
	Shim for indexable insert	AP800-SN1205 H81	AP800-SN1205 H81	AP800-SN1205 H81
	Clamping screw for shim	FS2069 (SW 4)	FS2069 (SW 4)	FS2069 (SW 4)
	Clamping screw for indexable insert Tightening torque	FS2617 (T15IP) 35 in lbs	FS2617 (T15IP) 35 in lbs	FS2617 (T15IP) 35 in lbs
	Clamping screw for arbor-mounted tools	FS1518	FS1519	FS1583

Accessories

	D_c [inch]	2–6
	Torque screwdriver, analog	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 mm	P						M			K							N		S		H
						HC						HC			HC							HC	HW	HC		HC
					WHH15	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35S	WSP45G	WXM15	WAK15	WHH15	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35S	WSP45G	WHH15
	SNGX120512-F57	G	8	1.2		●	●	●	●		●	●					●	●	●				●	●	
	SNMX120512-D27	M	8	1.2		●	●	●								●	●	●	●						
	SNMX120512-F27	M	8	1.2		●	●	●									●	●	●						
	SNMX120512-F57	M	8	1.2		●	●	●	●		●	●				●	●	●	●				●	●	
	SNMX120512-F67	M	8	1.2		●	●	●	●		●	●		●			●	●	●				●	●	
	SNMX120520-D27	M	8	2		●	●	●								●	●	●	●						
	SNMX120520-F57	M	8	2		●	●	●	●		●	●				●	●	●	●				●	●	
	SNGX1205ANN-F27	G	8	0.8		●	●	●									●	●	●						
	SNGX1205ANN-F57	G	8	0.8		●	●	●	●		●	●				●	●	●	●				●	●	
	SNGX1205ANN-F67	G	8	0.8		●	●	●	●		●	●		●			●	●	●				●	●	
	SNHX1205ANN-K88	H	8	0.8																	●	●			●
	SNMX1205ANN-F27	M	8	0.8		●	●	●									●	●	●						
	SNMX1205ANN-F57	M	8	0.8		●	●	●								●	●	●	●						
	SNMX1205ANN-F67	M	8	0.8		●	●	●						●			●	●	●						
	XNGX1205ANN-F67	G	2	1.2	●					●			●	●	●					●					●

XNGX1205ANN-F67 wiper insert only in combination with SNGX1205ANN . .

HC = Coated carbide
HW = Uncoated carbide

D2

Face milling cutters

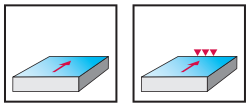
M5011 mm

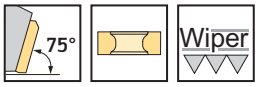
SN . X1205 ..; XNGX1205ZNN

Xtra·tec® XT



– 8 cutting edges per indexable insert

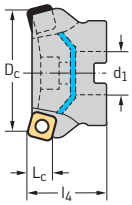




	P	M	K	N	S	H	O
M5011	●●	●●	●●	●●	●●	●	●

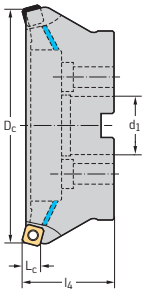
Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
★ 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	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
★ M5011-160-B40-18-08	160	40	63	8	18	4.66	18	SN . X1205 .. XNGX1205ZNN



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

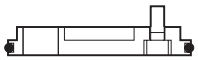
D2

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

Assembly parts

	Type	SN . X1205 .. 100–80
	Clamping screw for indexable insert Tightening torque	FS1459 (T15IP) 4 Nm

Accessories

	Type	SN . X1205 .. 100–80	SN . X1205 .. 160
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Sealing disc set		FS936 COMPLETE SET
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15
	SNGX120512-F57	G	8	1.2		●	●	●	●		●	●	●						●	●	●		●	●	●	
	SNMX120512-D27	M	8	1.2		●	●	●									●	●	●	●	●					
	SNMX120512-F27	M	8	1.2		●	●	●											●	●	●					
	SNMX120512-F57	M	8	1.2		●	●	●	●		●	●	●				●	●	●	●	●		●	●	●	
	SNMX120512-F67	M	8	1.2		●	●	●	●		●	●	●		●				●	●	●		●	●	●	
	SNMX120520-D27	M	8	2		●	●	●									●	●	●	●	●					
	SNMX120520-F57	M	8	2		●	●	●	●		●	●	●				●	●	●	●	●		●	●	●	
	SNGX1205ENN-F27	G	8	0.3		●	●	●											●	●	●					
	SNGX1205ENN-F57	G	8	0.3		●	●	●	●			●	●				●	●	●	●	●			●	●	
	SNGX1205ENN-F67	G	8	0.3		●		●	●		●	●	●		●				●		●		●	●	●	
	SNMX1205ENN-F57	M	8	0.3		●	●										●		●	●						
	XNGX1205ENN-F67	G	2	0.6	●					●				●	●	●						●				●

HC = Coated carbide

D2

Face milling cutters

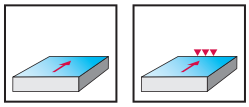
M5011 mm

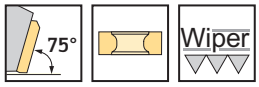
SN . X1205 ..; XNGX1205ZNN

Xtra·tec® XT



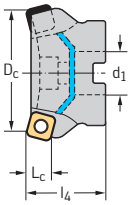
– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5011	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
★ M5011-050-B22-04-08-AP	50	22	40	8	4	0.32	4	SN . X1205 .. 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	

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	SN . X1205 .. 100–80
	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	SN . X1205 .. 100–80
	Torque screwdriver, analog	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 mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35G	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	S HC WSM35G	S HC WSM35S	S HC WSP45G	H HC WHH15
	SNGX120512-F57	G	8	1.2		+	+	+	−		−	−	−						+	−	−		−	−	−	
	SNMX120512-D27	M	8	1.2		+	+	+									−	−	+	−	−					
	SNMX120512-F27	M	8	1.2		+	+	+											+	−	−					
	SNMX120512-F57	M	8	1.2		+	+	+	−		−	−	−				−	−	+	−	−		−	−	−	
	SNMX120512-F67	M	8	1.2		+	+	+	−		−	−	−		+				+	−	−		−	−	−	
	SNMX120520-D27	M	8	2		+	+	+									−	−	+	−	−					
	SNMX120520-F57	M	8	2		+	+	+	−		−	−	−				−	−	+	−	−		−	−	−	
	SNGX1205ENN-F27	G	8	0.3		+	+	+											+	−	−					
	SNGX1205ENN-F57	G	8	0.3		+	+	+	−			−	−				−	−	+	−	−			−	−	
	SNGX1205ENN-F67	G	8	0.3		+		+	−		−	−	−		+				+		−		−	−	−	
	SNMX1205ENN-F57	M	8	0.3		−	−										−		−	−						
	XNGX1205ENN-F67	G	2	0.6	+					+				+	+	+						+				+

HC = Coated carbide

Face milling cutters

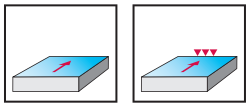
M5012 mm

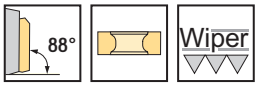
SNMX090408; SN . X0904ZNN; XNGX0904ZNN

Xtra·tec® XT



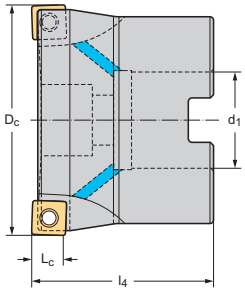
– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5012	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5012-040-B16-04-08	40	16	40	8	4	0.24	4	SNMX090408 SN . X0904ZNN 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

D 2

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

Assembly parts

	D_c [mm]	40–100
	Clamping screw for indexable insert Tightening torque	FS2579 (T8IP) 1.2 Nm

Accessories

	D_c [mm]	40–100
	Torque screwdriver, analog	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	H HC WHH15
	SNGX0904ZNN-F57	G	8	1		●	◐	◐	✕		◐	✕				◐	◐	✕	✕				◐	✕	
	SNGX0904ZNN-F67	G	8	1		●	◐	◐	✕		◐	✕		●			◐	✕	✕				◐	✕	
	SNHX0904ZNN-K88	H	8	1																	●	◐			
	SNMX0904ZNN-F27	M	8	1		●	◐	◐									◐	✕	✕						
	SNMX0904ZNN-F57	M	8	1		●	◐	◐	✕		◐	✕				◐	◐	✕	✕				◐	✕	
	SNMX0904ZNN-F67	M	8	1		●	◐	◐	✕		◐	✕		●			◐	✕	✕				◐	✕	
	SNMX090408-F27	M	8			●	◐	◐									◐	✕	✕						
	SNMX090408-F57	M	8			●	◐	◐	✕		◐	✕				◐	◐	✕	✕				◐	✕	
	SNMX090408-F67	M	8			●	◐	◐	✕		◐	✕					◐	✕	✕				◐	✕	
	XNGX0904ZNN-F67	G	2	3.5	●					●			●	●	●					●					●

HC = Coated carbide
HW = Uncoated carbide

Face milling cutters

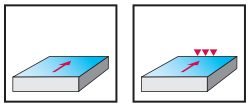
M5012 mm

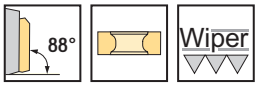
SN . X1205 ..; SN . X1205ZNN; XNGX1205ZNN

Xtra·tec® XT



– 8 cutting edges per indexable insert

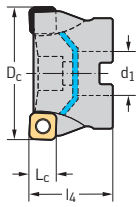




	P	M	K	N	S	H	O
M5012							

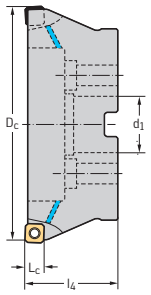
Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5012-063-B22-07-10	63	22	40	10	7	0.44	7	SN . X1205 .. SN . X1205ZNN 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	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5012-160-B40-18-10	160	40	63	10	18	4.69	18	SN . X1205 .. SN . X1205ZNN XNGX1205ZNN



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

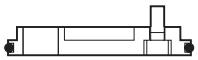
D 2

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

Assembly parts

	D_c [mm]	63–160
	Clamping screw for indexable insert Tightening torque	FS1459 (T15IP) 4 Nm

Accessories

	D_c [mm]	63–125	160
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Sealing disc set		FS936 COMPLETE SET
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	H HC WHH15
	SNGX120512-F57	G	8	1.2		●	●	●	●		●	●					●	●	●				●	●	
	SNMX120512-D27	M	8	1.2		●	●	●								●	●	●	●						
	SNMX120512-F27	M	8	1.2		●	●	●									●	●	●						
	SNMX120512-F57	M	8	1.2		●	●	●	●		●	●				●	●	●	●				●	●	
	SNMX120512-F67	M	8	1.2		●	●	●	●		●	●		●			●	●	●				●	●	
	SNMX120520-D27	M	8	2		●	●	●								●	●	●	●						
	SNMX120520-F57	M	8	2		●	●	●	●		●	●				●	●	●	●				●	●	
	SNGX1205ZNN-F27	G	8	0.8		●	●	●									●	●	●						
	SNGX1205ZNN-F57	G	8	0.8		●	●	●	●		●	●				●	●	●	●				●	●	
	SNGX1205ZNN-F67	G	8	0.8		●	●	●	●		●	●		●			●	●	●				●	●	
	SNHX1205ZNN-K88	H	8	0.8																	●	●			
	SNMX1205ZNN-F57	M	8	0.8		●	●	●								●	●	●	●						
	XNGX1205ZNN-F67	G	2	1	●					●			●	●	●					●					●

HC = Coated carbide
HW = Uncoated carbide

D2

Face milling cutters

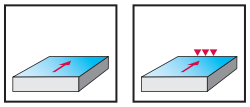
M5012 mm

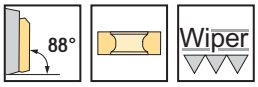
SN . X1205 ..; SN . X1205ZNN; XNGX1205ZNN

Xtra·tec® XT



– 8 cutting edges per indexable insert

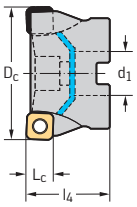




	P	M	K	N	S	H	O
M5012	●●	●●	●●	●●	●●	●	●

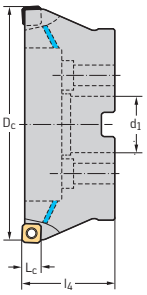
Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5012-050-B22-04-10-AP	50	22	40	10	4	0.33	4	SN . X1205 .. SN . X1205ZNN 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	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5012-160-B40-12-10-AP	160	40	63	10	12	4.75	12	SN . X1205 .. SN . X1205ZNN XNGX1205ZNN



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

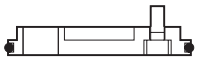
D 2

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

Assembly parts

	D_c [mm]	50–160
	Shim for indexable insert	AP800-SN1205 H81
	Clamping screw for shim	FS2069 (SW 4)
	Clamping screw for indexable insert Tightening torque	FS2617 (T15IP) 4 Nm

Accessories

	D_c [mm]	50–125	160
	Torque screwdriver, analog	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 COMPLETE SET
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	H HC WHH15
	SNGX120512-F57	G	8	1.2		●	●	●	●		●	●					●	●	●				●	●	
	SNMX120512-D27	M	8	1.2		●	●	●								●	●	●	●						
	SNMX120512-F27	M	8	1.2		●	●	●									●	●	●						
	SNMX120512-F57	M	8	1.2		●	●	●	●		●	●				●	●	●	●				●	●	
	SNMX120512-F67	M	8	1.2		●	●	●	●		●	●		●			●	●	●				●	●	
	SNMX120520-D27	M	8	2		●	●	●								●	●	●	●						
	SNMX120520-F57	M	8	2		●	●	●	●		●	●				●	●	●	●				●	●	
	SNGX1205ZNN-F27	G	8	0.8		●	●	●									●	●	●						
	SNGX1205ZNN-F57	G	8	0.8		●	●	●	●		●	●				●	●	●	●				●	●	
	SNGX1205ZNN-F67	G	8	0.8		●	●	●	●		●	●		●			●	●	●				●	●	
	SNHX1205ZNN-K88	H	8	0.8																	●	●			
	SNMX1205ZNN-F57	M	8	0.8		●	●	●								●	●	●	●						
	XNGX1205ZNN-F67	G	2	1	●					●			●	●	●					●					●

HC = Coated carbide
HW = Uncoated carbide

D2

Face milling cutters

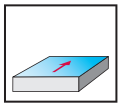
M4003 mm

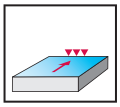
SD .. 09T3AZN; SDHX09T3AZR

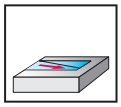




– 4 cutting edges per indexable insert







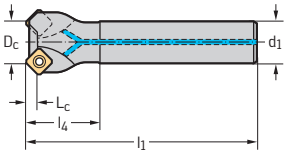






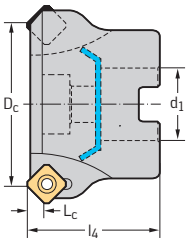
	P	M	K	N	S	H	O
M4003	●●	●●	●●	●●	●●	●	●

Tool



Cylindrical shank

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M4003-020-A20-02-4.5	20	20	35	110	4.5	2	0.32	2	SD .. 09T3AZN SDHX09T3AZR
M4003-025-A25-03-4.5	25	25	35	110	4.5	3	0.47	3	
M4003-032-A32-04-4.5	32	32	35	110	4.5	4	0.74	4	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M4003-032-B16-04-4.5	32	16	40		4.5	4	0.27	4	SD .. 09T3AZN SDHX09T3AZR
M4003-032-B16-05-4.5	32	16	40		4.5	5	0.27	5	
M4003-040-B16-04-4.5	40	16	40		4.5	4	0.36	4	
M4003-040-B16-06-4.5	40	16	40		4.5	6	0.35	6	
M4003-050-B22-06-4.5	50	22	40		4.5	6	0.52	6	
M4003-050-B22-08-4.5	50	22	40		4.5	8	0.51	8	
M4003-063-B22-07-4.5	63	22	40		4.5	7	0.68	7	
M4003-063-B22-10-4.5	63	22	40		4.5	10	0.67	10	
M4003-080-B27-08-4.5	80	27	50		4.5	8	1.25	8	
M4003-080-B27-12-4.5	80	27	50		4.5	12	1.13	12	
M4003-100-B32-09-4.5	100	32	50		4.5	9	2.02	9	
M4003-100-B32-14-4.5	100	32	50		4.5	14	1.99	14	

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [mm]	20–100
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 2 Nm

Accessories

	D_c [mm]	20–100
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2268 (T10IP)
	Screwdriver	FS2267 (T10IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15
	SDGT09T3AZN-F57	G	4	0.3	1.4		☺	☺	☺	☹		☺		☹		☺			☺	☹	☹					☺		☹	
	SDGT09T3AZN-G77	G	4	0.3	1.2					☺				☺														☺	
	SDGW09T3AZR-A88	G	1	0.3	1.2																		☹						
	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 = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D 2

Face milling cutters

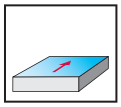
M4003 inch

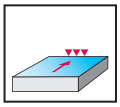
SD .. 09T3AZN; SDHX09T3AZR

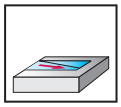


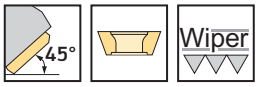


– 4 cutting edges per indexable insert





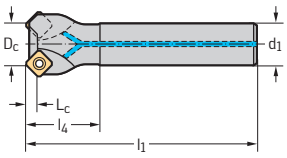




	P	M	K	N	S	H	O
M4003	●●	●●	●●	●●	●●	●	●

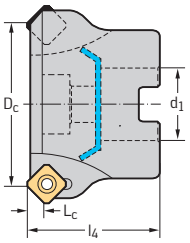
Tool

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M4003.019-A19-02-4.5	0.750	0.750	1.378	4.331	0.177	2	0.011	2	SD .. 09T3AZN SDHX09T3AZR
M4003.026-A26-03-4.5	1.000	1.000	1.378	4.331	0.177	3	0.019	3	
M4003.031-A31-04-4.5	1.250	1.250	1.378	4.331	0.177	4	0.029	4	



Cylindrical shank

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M4003.031-B13-04-4.5	1.250	0.500	1.575		0.177	4	0.009	4	SD .. 09T3AZN SDHX09T3AZR
M4003.038-B19-04-4.5	1.500	0.750	1.575		0.177	4	0.013	4	
M4003.051-B19-06-4.5	2.000	0.750	1.575		0.177	6	0.02	6	
M4003.064-B26-07-4.5	2.500	1.000	1.969		0.177	7	0.034	7	
M4003.076-B26-08-4.5	3.000	1.000	1.969		0.177	8	0.046	8	
M4003.102-B38-09-4.5	4.000	1.500	2.48		0.177	9	0.113	9	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [inch]	0.75–2	2.5–3	4
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 18 in lbs	FS2266 (T10IP) 18 in lbs	FS2266 (T10IP) 18 in lbs
	Clamping screw for arbor-mounted tools		FS1519	FS1583

Accessories

	D_c [inch]	0.75–4
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2268 (T10IP)
	Screwdriver	FS2267 (T10IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15
	SDGT09T3AZN-F57	G	4	0.3	1.4		●	●	●	●		●		●		●			●	●	●					●		●	
	SDGT09T3AZN-G77	G	4	0.3	1.2					●				●														●	
	SDGW09T3AZR-A88	G	1	0.3	1.2																		●						
	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 = Coated carbide
DP = Polycrystalline diamond
HW = Uncoated carbide

D2

Face milling cutters

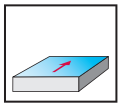
M4003 mm

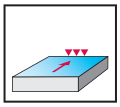
SD .. 1204AZN; SDHX1204AZR

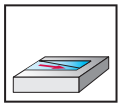




– 4 cutting edges per indexable insert









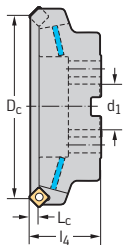




	P	M	K	N	S	H	O
M4003	●●	●●	●●	●●	●●	●	●

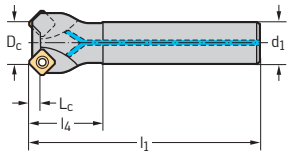
Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
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	



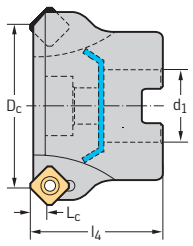
Shell mill mount DIN 138 transverse keyway

M4003-025-A25-02-6.5	25	25	35	110	6.5	2	0.5	2	SD .. 1204AZN SDHX1204AZR



Cylindrical shank

M4003-040-B16-04-6.5	40	16	40		6.5	4	0.36	4	SD .. 1204AZN SDHX1204AZR
M4003-050-B22-04-6.5	50	22	40		6.5	4	0.5	4	
M4003-050-B22-05-6.5	50	22	40		6.5	5	0.51	5	
M4003-063-B22-05-6.5	63	22	40		6.5	5	0.65	5	
M4003-063-B22-07-6.5	63	22	40		6.5	7	0.65	7	
M4003-080-B27-06-6.5	80	27	50		6.5	6	1.19	6	
M4003-080-B27-09-6.5	80	27	50		6.5	9	1.28	9	
M4003-100-B32-07-6.5	100	32	50		6.5	7	2.06	7	
M4003-100-B32-11-6.5	100	32	50		6.5	11	2.04	11	
M4003-125-B40-08-6.5	125	40	63		6.5	8	3.43	8	
M4003-125-B40-13-6.5	125	40	63		6.5	13	3.39	13	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

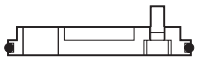
D 2

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

Assembly parts

	D_c [mm]	25–160
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	25–125	160
	Torque screwdriver, analog	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 COMPLETE SET
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15
	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 = Coated carbide
HW = Uncoated carbide

D2

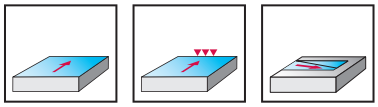
Face milling cutters

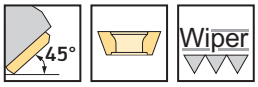
M4003 inch

SD .. 1204AZN; SDHX1204AZR



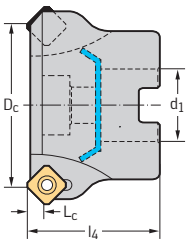
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4003	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M4003.051-B19-04-6.5	2.000	0.750	1.575	0.256	4	0.019	4	SD .. 1204AZN SDHX1204AZR
M4003.064-B26-05-6.5	2.500	1.000	1.969	0.256	5	0.034	5	
M4003.076-B26-06-6.5	3.000	1.000	1.969	0.256	6	0.048	6	
M4003.102-B38-07-6.5	4.000	1.500	2.48	0.256	7	0.123	7	
M4003.127-B38-08-6.5	5.000	1.500	2.48	0.256	8	0.148	8	
M4003.152-B38-09-6.5	6.000	1.500	2.48	0.256	9	0.204	9	

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [inch]	2	2.5–3	4–6
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 31 in lbs	FS1453 (T15IP) 31 in lbs	FS1453 (T15IP) 31 in lbs
	Clamping screw for arbor-mounted tools	FS1523	FS1519	FS1583

Accessories

	D_c [inch]	2–6
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15
	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 = Coated carbide
HW = Uncoated carbide

D2

Heptagon face milling cutters

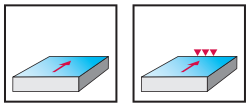
M3024 mm

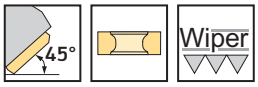
XN . U0705 ..; XNGX0705ANN

Walter BLAXX



– 14 cutting edges per indexable insert

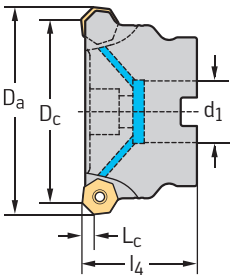




	P	M	K	N	S	H	O
M3024	●●	●●	●●		●●		

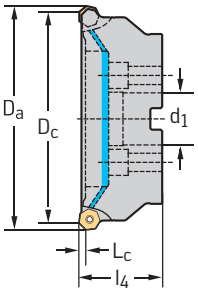
Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M3024-040-B16-03-04	40	49.8	16	40	4	3	0.45	3	XN . U0705 .. XNGX0705ANN
M3024-050-B22-04-04	50	59.8	22	40	4	4	0.53	4	
M3024-050-B22-05-04	50	59.8	22	40	4	5	0.46	5	
M3024-063-B22-05-04	63	72.8	22	40	4	5	0.82	5	
M3024-063-B22-06-04	63	72.8	22	40	4	6	0.84	6	
M3024-080-B27-06-04	80	89.8	27	50	4	6	1.46	6	
M3024-080-B27-07-04	80	89.8	27	50	4	7	1.45	7	
M3024-100-B32-07-04	100	109.8	32	50	4	7	2.71	7	
M3024-100-B32-08-04	100	109.8	32	50	4	8	2.66	8	
M3024-125-B40-08-04	125	134.8	40	63	4	8	4.22	8	
M3024-125-B40-10-04	125	134.8	40	63	4	10	4.28	10	



Shell mill mount DIN 138 transverse keyway

M3024-160-B40-09-04	160	169.8	40	63	4	9	6.55	9	XN . U0705 .. XNGX0705ANN
M3024-160-B40-12-04	160	169.8	40	63	4	12	6.54	12	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

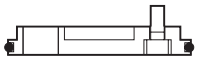
D 2

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

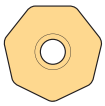
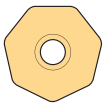
Assembly parts

	D_c [mm]	40–160
	Shim for indexable insert	AP800-XN0705 H81
	Clamping screw for shim	FS2068 (SW 3.5)
	Clamping screw for indexable insert Tightening torque	FS2279 (T15IP) 3 Nm

Accessories

	D_c [mm]	40–125	160
	Torque screwdriver, analog	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 COMPLETE SET
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S	H HC WHH15
	XNGU0705ANN-F57	G	14	0.8	1.1		●	●	●	●	●		●		●	●					●	●	●		●		●	●	
	XNGX0705ANN-F67	G	2	0.8	5.7	●						●					●	●	●					●					●
	XNMU070508-F57	M	14	0.8			●	●	●	●			●		●						●	●	●		●		●		
	XNMU0705ANN-F27	M	14	0.8	1.1		●	●	●											●	●	●	●						
	XNMU0705ANN-F57	M	14	0.8	1.1		●	●	●	●			●		●						●	●	●		●		●		
	XNMU0705ANN-F67	M	14	0.8	1.1		●	●					●	●							●	●			●	●			

XNGX0705ANN-F67 wiper insert only in combination with XNGU0705ANN . .

HC = Coated carbide

D 2

Heptagon face milling cutters

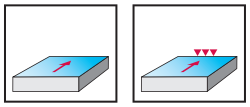
M3024 inch

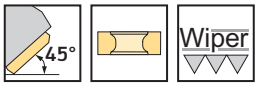
XN . U0705 ..; XNGX0705ANN

Walter BLAXX



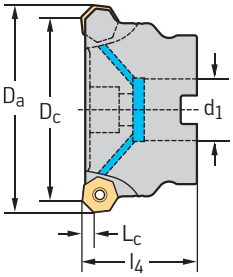
– 14 cutting edges per indexable insert





	P	M	K	N	S	H	O
M3024	●●	●●	●●		●●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M3024.051-B19-04-04	2.000	2.386	0.750	1.575	0.157	4	0.020	4	XN . U0705 .. XNGX0705ANN
M3024.064-B26-06-04	2.500	2.886	1.000	1.575	0.157	6	0.032	6	
M3024.076-B26-07-04	3.000	3.386	1.000	1.969	0.157	7	0.054	7	
M3024.102-B31-08-04	4.000	4.386	1.250	1.969	0.157	8	0.086	8	
M3024.127-B38-10-04	5.000	5.386	1.500	2.48	0.157	10	0.176	10	
M3024.152-B38-12-04	6.000	6.386	1.500	2.48	0.157	12	0.280	12	

Bodies and assembly parts are included in the scope of delivery

D 2

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

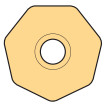
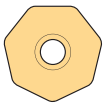
Assembly parts

	D_c [inch]	2	2.5–3	4	5–6
	Shim for indexable insert	AP800-XN0705 H81	AP800-XN0705 H81	AP800-XN0705 H81	AP800-XN0705 H81
	Clamping screw for shim	FS2068 (SW 3.5)	FS2068 (SW 3.5)	FS2068 (SW 3.5)	FS2068 (SW 3.5)
	Clamping screw for indexable insert Tightening torque	FS2279 (T15IP) 27 in lbs	FS2279 (T15IP) 27 in lbs	FS2279 (T15IP) 27 in lbs	FS2279 (T15IP) 27 in lbs
	Clamping screw for arbor-mounted tools	FS1523	FS1519	FS1339	FS1583

Accessories

	D_c [inch]	2–6
	Torque screwdriver, analog	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 mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S	H HC WHH15
	XNGU0705ANN-F57	G	14	0.8	1.1		●	●	●	●	●		●		●	●					●	●	●		●		●	●	
	XNGX0705ANN-F67	G	2	0.8	5.7	●						●					●	●	●					●					●
	XNMU070508-F57	M	14	0.8			●	●	●	●			●		●						●	●	●		●		●		
	XNMU0705ANN-F27	M	14	0.8	1.1		●	●	●											●	●	●	●					
	XNMU0705ANN-F57	M	14	0.8	1.1		●	●	●	●			●		●						●	●	●		●		●		
	XNMU0705ANN-F67	M	14	0.8	1.1		●	●					●	●							●	●			●	●			

XNGX0705ANN-F67 wiper insert only in combination with XNGU0705ANN . .

HC = Coated carbide

D2

Heptagon face milling cutters

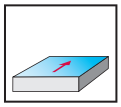
M3024 mm

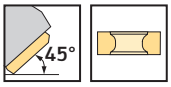
XN . U0906 ..; XNGX0906ANN

Walter BLAXX



– 14 cutting edges per indexable insert

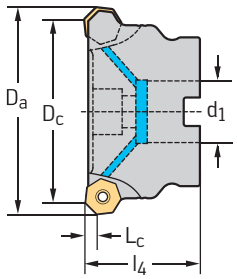




	P	M	K	N	S	H	O
M3024	●●	●●	●●		●●		

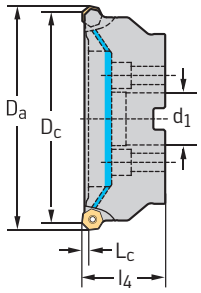
Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M3024-063-B22-05-06	63	75.86	22	40	6	5	0.61	5	XN . U0906 .. XNGX0906ANN
M3024-080-B27-06-06	80	92.86	27	50	6	6	1.42	6	
M3024-100-B32-07-06	100	112.86	32	50	6	7	2.74	7	
M3024-125-B40-08-06	125	137.86	40	63	6	8	4.24	8	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M3024-160-B40-09-06	160	172.86	40	63	6	9	6.49	9	XN . U0906 .. XNGX0906ANN



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

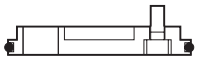
D 2

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

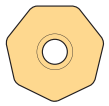
Assembly parts

	D_c [mm]	63–160
	Shim for indexable insert	AP800-XN0906 H81
	Clamping screw for shim	FS2091 (SW 5)
	Clamping screw for indexable insert Tightening torque	FS2112 (T20IP) 5 Nm

Accessories

	D_c [mm]	63–125	160
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)
	Key for shim screw	ISO2936-5 (SW5)	ISO2936-5 (SW5)
	(incl. gasket + screws) Sealing disc set		FS936 COMPLETE SET
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	XNMU090612-F57	M	14	1.2	●	●		●	●			●	●		●	●				●	●
	XNMU0906ANN-F27	M	14	0.8	●	●	●							●	●	●	●				
	XNMU0906ANN-F57	M	14	0.8	●	●		●	●	●		●	●		●	●		●		●	●
	XNMU0906ANN-F67	M	14	0.8	●	●					●				●	●			●		

HC = Coated carbide

D 2

Heptagon face milling cutters

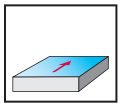
M3024 inch

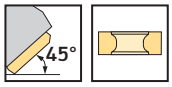
XN . U0906 ..; XNGX0906ANN

Walter BLAXX



– 14 cutting edges per indexable insert

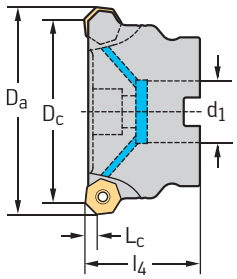




	P	M	K	N	S	H	O
M3024	●●	●●	●●		●●		

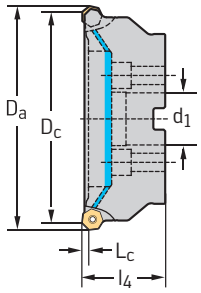
Tool

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M3024.064-B26-05-06	2.500	3.006	1.000	1.575	0.236	5	0.032	5	XN . U0906 .. XNGX0906ANN
M3024.076-B26-06-06	3.000	3.506	1.000	1.969	0.236	6	0.051	6	
M3024.102-B31-07-06	4.000	4.506	1.250	1.969	0.236	7	0.11	7	
M3024.127-B38-08-06	5.000	5.506	1.500	2.48	0.236	8	0.176	8	



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M3024.152-B38-09-06	6.000	6.506	1.500	2.48	0.236	9	0.28	9	XN . U0906 .. XNGX0906ANN



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

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

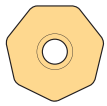
Assembly parts

	D_c [inch]	2.5	3	4	5–6
	Shim for indexable insert	AP800-XN0906 H81	AP800-XN0906 H81	AP800-XN0906 H81	AP800-XN0906 H81
	Clamping screw for shim	FS2091 (SW 5)	FS2091 (SW 5)	FS2091 (SW 5)	FS2091 (SW 5)
	Clamping screw for indexable insert Tightening torque	FS2112 (T20IP) 44 in lbs	FS2112 (T20IP) 44 in lbs	FS2112 (T20IP) 44 in lbs	FS2112 (T20IP) 44 in lbs
	Clamping screw for arbor-mounted tools	FS1586	FS1519	FS1339	FS1583

Accessories

	D_c [inch]	2.5–6
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)
	Key for shim screw	ISO2936-5 (SW5)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	XNMU090612-F57	M	14	1.2	☺	😐		☹	☹			☹	☹		😐	☹				☹	☹
	XNMU0906ANN-F27	M	14	0.8	☺	😐	😐							😐	😐	☹	☹				
	XNMU0906ANN-F57	M	14	0.8	☺	😐		☹	☹	😐		☹	☹		😐	☹		😐		☹	☹
	XNMU0906ANN-F67	M	14	0.8	☺	😐					☹				😐	☹			☹		

HC = Coated carbide

D2

Heavy Duty Face Mill

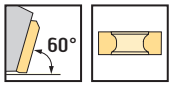
M3016 mm

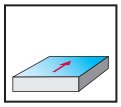
LNMX201012R

Walter BLAXX



– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert

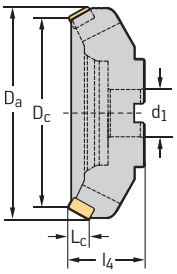




	P	M	K	N	S	H	O
M3016	●●	●	●●		●	●	

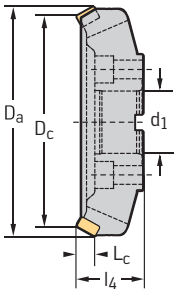
Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
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	



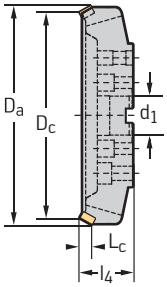
Shell mill mount DIN 138 transverse keyway

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	



Shell mill mount DIN 138 transverse keyway

M3016-315-B60-13-16	315	333.6	60	80	16	13	32	13	LNMX201012R



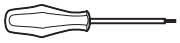
Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

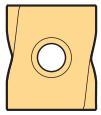
D2

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

	D_c [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

	D_c [mm]	125–315
	Torque screwdriver, analog	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 HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	LNMX201012R-F27T	M	4	1.2		☹	☹				☹	☹	
	LNMX201012R-F57T	M	4	1.2	☺	😐	😐	☹	☹	😐	☹	☹	☹

HC = Coated carbide

D 2

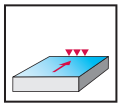
Octagonal Finishing Face Mill
M2025 / M2026 mm
ONHF050408





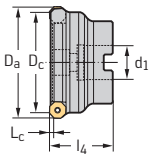
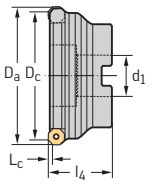
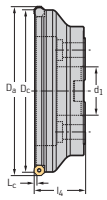



– 16 cutting edges per indexable insert



	P	M	K	N	S	H	O
M2025			●●			●	
M2026			●●			●	

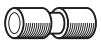
Tool

	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z*	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	M2025-080-B27-12-03	80	88	27	50	3	12	1.46	9 3	ONHF050408 P45424-1-G67
 Shell mill mount DIN 138 transverse keyway	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	5.97	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	

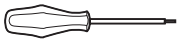
*Example: Z = 9 + 3 (9 roughing inserts + 3 wiper cutting edges)
Bodies and assembly parts are included in the scope of delivery

D 2

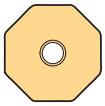
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

	D_c [mm]	80–160	200–250
	Clamping wedge	FK379	FK379
	Clamping screw for clamping wedge Tightening torque	K24-111 (T15IP) 6.5 Nm	K24-111 (T15IP) 6.5 Nm
	Clamping screw for indexable insert Tightening torque	FS1458 (T15IP) 2.5 Nm	FS1495 (T20IP) 5 Nm

Zubehör

	D_c [mm]	80–160	200–250
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)	FS2015 (T20IP)
	Torque T-handle	FS2041	FS2041
	Interchangeable blade for clamping wedge	FS2047 (T15IP)	FS2047 (T15IP)
	Screwdriver for clamping screw		FS1486 (T20IP)
	Screwdriver for clamping wedge	FS1485 (T15IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15	P HC WKP25S	K HC WAK15	K HC WHH15	K HC WKP25S	H HC WHH15
	ONHF050408-F67	H	16	0.8	☺	☺	☺	☺	☹	☺
	P45424-1-G67	G	4		☺		☺	☺		☺
	P45424-2-G67	G	4		☺		☺	☺		☺

HC = Coated carbide

D 2

Heptagon face milling cutters

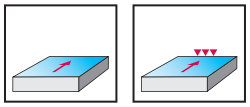
F4045 mm

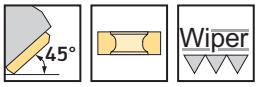
XNHF0705 ..; XNHX0705ANN

Xtra·tec®



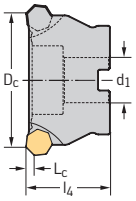
– 14 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4045			●●			●	

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F4045.B27.063.Z09.04	63	27	50	4	9	0.94	9	XNHF0705 .. XNHX0705ANN
F4045.B27.080.Z11.04	80	27	50	4	11	1.48	11	
F4045.B32.100.Z14.04	100	32	50	4	14	2.69	14	
F4045.B40.125.Z18.04	125	40	63	4	18	3.45	18	

D 2

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

Assembly parts

	D_c [mm]	63–125
	Clamping wedge	FK374
	Clamping screw for clamping wedge Tightening torque	FS2134 (T15IP) 6 Nm

Accessories

	D_c [mm]	63–125
	Torque T-handle	FS2041
	Interchangeable blade for clamping wedge	FS2047 (T15IP)
	Screwdriver	FS1485 (T15IP)

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	H HC WHH15
	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-D57	M	14	0.8	☺	😐	😐			😐	😐	😣	😣	
	XNMF070508-F57	M	14	0.8						😐				
	XNHF0705ANN-D27	H	14	0.8	☺					😐	😐			
	XNHF0705ANN-D57	H	14	0.8	☺	😐	😐			😐	😐	😣	😣	
	XNHF0705ANN-D67	H	14	0.8				😐						
	XNHX0705ANN-D67	H	2	0.8				😐	😐					😐

XNHX0705ANN-D67 wiper insert only in combination with XNHF070508 . .

HC = Coated carbide

D2

Heptagon face milling cutters

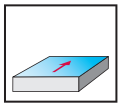
F4045 mm

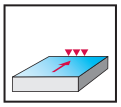
XNHF0906 ..; XNHX0906ANN

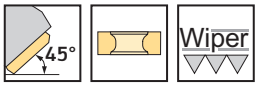
Xtra·tec®



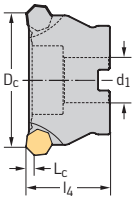
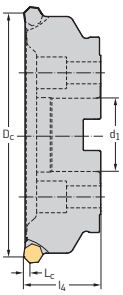
– 14 cutting edges per indexable insert







	P	M	K	N	S	H	O
F4045			●●			●	

Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F4045.B40.125.Z16.06	125	40	63	6	16	3.95	16	XNHF0906 .. XNHX0906ANN
 Shell mill mount DIN 138 transverse keyway	F4045.B40.160.Z20.06	160	40	63	6	20	6.3	20	XNHF0906 .. XNHX0906ANN

D 2

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

Assembly parts

	D_c [mm]	125–160
	Clamping wedge	FK375
	Clamping screw for clamping wedge Tightening torque	FS2157 (T25IP) 6 Nm

Accessories

	D_c [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	P HC WKP25S	P HC WKP35G	P HC WKP35S	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	H HC WHH15
	XNHF090612-D27	H	14	1.2	●	●				●	●	●		
	XNHF090612-D57	H	14	1.2	●	●	●			●	●	●	●	
	XNMF090612-D27	M	14	1.2	●	●				●	●	●		
	XNMF090612-D57	M	14	1.2	●	●	●			●	●	●	●	
	XNMF090612-F57	M	14	1.2	●					●	●			
	XNHF0906ANN-D27	H	14	0.8	●					●	●			
	XNHF0906ANN-D57	H	14	0.8	●	●	●			●	●	●	●	
	XNHX0906ANN-D67	H	2	0.6				●	●					●

HC = Coated carbide

D 2

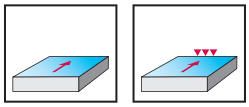
Face milling cutters for light metals

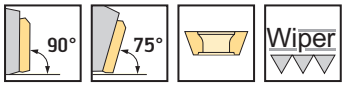
F2250 mm

SPH . 1204 . DR



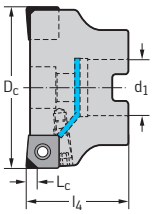
– Adjustable runout
– 1 cutting edge per indexable insert





	P	M	K	N	S	H	O
F2250				●●			

Tool



Shell mill mount DIN 138 transverse keyway

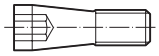
Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F2250.B22.063.Z05.03	63	22	40	3	5	0.43	5	SPH . 1204 . DR
F2250.B27.080.Z06.03	80	27	50	3	6	0.78	6	
F2250.B32.100.Z07.03	100	32	50	3	7	1.32	7	

Pre-balanced tools
D_c 80–100 mm. basic body made of steel; D_c 125–200 mm. basic body made of aluminium
*Approach angle κ = 75° (EDR) / κ = 90° (PDR)
Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [mm]	63–100
	Clamping screw for indexable insert Tightening torque	FS1030 (T20) 5 Nm
	Countersunk screw Tightening torque	FS1148 (SW 2.5) 3.5 Nm
	Balancing screw Tightening torque	FS1145 (SW 2.5) 3.5 Nm

Accessories

	D_c [mm]	63–100
	Screwdriver for indexable insert	FS228 (T20)
	ISO 2936 key: Tapered/balancing screw	ISO2936-2.5 (SW 2.5)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b mm	N DP WCD10
	SPHW1204EDR-A88	H	1	1.5	☺
	SPHW1204PDR-A88	H	1	1.5	☺
	SPHX1204PDR-A88	H	1	3.5	☺

SPHX1204PDR-A88 wiper insert only in combination with SPHW1204PDR-A88 . .

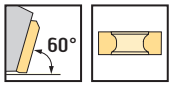
DP = Polycrystalline diamond

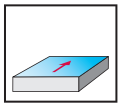
D2

Heavy Duty Face Mill
F2260 mm
LNMU150812



– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert

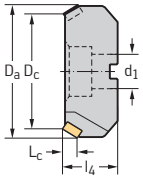




	P	M	K	N	S	H	O
F2260	●		●●			●	

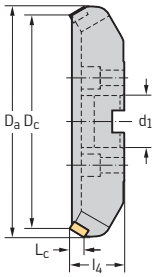
Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F2260.B.100.Z06.11	100	113	32	50	11	6	2.17	6	LNMU150812
F2260.B.125.Z08.11	125	138	40	63	11	8	3.54	8	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
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

D 2

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

Assembly parts

	D_c [mm]	100–250
	Clamping screw for indexable insert Tightening torque	FS1009 (T20) 5 Nm

Accessories

	D_c [mm]	100–250
	Screwdriver for indexable insert	FS228 (T20)
	Torque T-handle	FS2041
	Interchangeable blade	FS2044 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G	S HC WSP45S
	LNMU150812-F57T	M	4	1.2	●	●	●	●	●	●	●	●	●	●	●	●	●
	LNMU150812T-F27T	M	4	1.2	●	●	●						●	●	●		

HC = Coated carbide

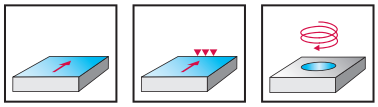
Face milling cutters

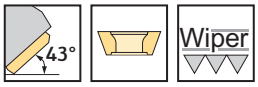
F2010 mm

OD .. 0605 ..; ODHX0605ZZR

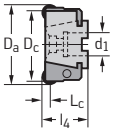
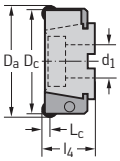
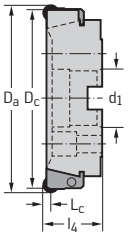
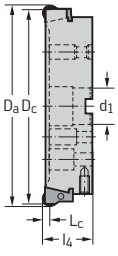


– Adjustable runout
– 8 cutting edges per indexable insert





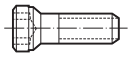
	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.04.R592M	80	90	27	50	4	6	1.22	6	OD .. 0605 .. ODHX0605ZZR
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07.04.R592M	100	110	32	50	4	7	1.82	7	OD .. 0605 .. ODHX0605ZZR
	F2010.B.125.Z08.04.R592M	125	135	40	63	4	8	3.72	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.04.R592M	160	170	40	63	4	10	5.53	10	OD .. 0605 .. ODHX0605ZZR
	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	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.04.R592M	315	325	60	80	4	14	27.5	14	OD .. 0605 .. ODHX0605ZZR
	F2010.B.315.Z18.04.R592M	315	325	60	80	4	18	27.5	18	

Bodies and assembly parts are included in the scope of delivery

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

Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR592M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1030 (T20) 5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	ODHX0605ZZN... Cartridge: Finishing insert	FR681M
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Interchangeable blade	FS2051 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2044 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K CN WSN10	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S	H HC WHH15
	ODHT060512-F57	H	8	1.2			●	●	●				●							●	●					●		
	ODHW060512-A57	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		●	●	●	●		●		●						●	●	●			●		●		
	ODHT0605ZZN-G77	H	8	0.8					●	●			●	●												●	●	
	ODHT0605ZZN-G88	H	8	0.8																		●	●					
	ODHW0605ZZN-A57	H	8	0.8		●	●	●								●			●	●	●							
	ODMT0605ZZN-D57	M	8	0.8		●	●	●	●	●	●	●	●	●				●	●	●	●			●	●	●	●	
	ODMT0605ZZN-F57	M	8	0.8		●	●	●	●		●		●						●	●	●			●		●		
	ODHX0605ZZR-A57	H	1	0.8	●											●	●											●

ODHX0605ZZR-A57 wiper insert only in combination with ODH.0605ZZN . .

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

D 2

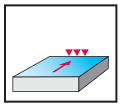
Face milling cutters

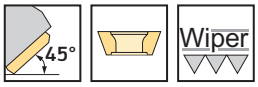
F2010 mm

ODHX0605ZZN

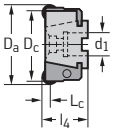
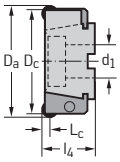
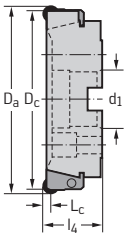
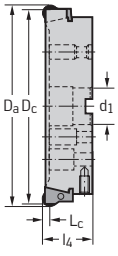


– Adjustable runout
– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2010	●●	●	●●				

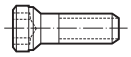
Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.02.R681M	80	90	27	50	2	6	1.28	6	ODHX0605ZZN
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07.02.R681M	100	110	32	50	2	7	1.87	7	ODHX0605ZZN
	F2010.B.125.Z08.02.R681M	125	135	40	63	2	8	3.7	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.02.R681M	160	170	40	63	2	10	5.68	10	ODHX0605ZZN
	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	
 Shell mill mount DIN 138 transverse keyway	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

D 2

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

Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR681M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1030 (T20) 5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Interchangeable blade	FS2044 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b mm	P HC WHH15	P HC WHH15X	P HC WXM15	M HC WXM15	K HC WAK15	K HC WHH15	K HC WHH15X	K HC WXM15	H HC WHH15	H HC WHH15X
	ODHX0605ZZN-A57	H	8	6	☺	☺			☺	☺	☺		☺	☺
	ODHX0605ZZN-A88	H	8	6	☺	☺	☺	☺		☺	☺	☺	☺	☺

HC = Coated carbide

D 2

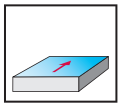
Face milling cutters

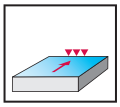
F2010 mm

SD .. 1204AZN; SDHX1204AZR



– Adjustable runout
– 4 cutting edges per indexable insert



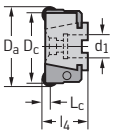
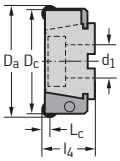
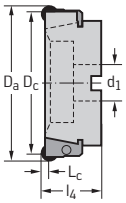
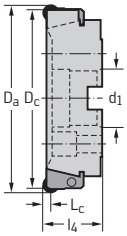








	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

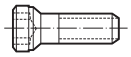
Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.06.R758M	80	94	27	50	6	6	1.2	6	SD .. 1204AZN SDHX1204AZR
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07.06.R758M	100	114	32	50	6	7	1.8	7	SD .. 1204AZN SDHX1204AZR
	F2010.B.125.Z08.06.R758M	125	139	40	63	6	8	3.5	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.06.R758M	160	174	40	63	6	10	5.5	10	SD .. 1204AZN SDHX1204AZR
	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	
 Shell mill mount DIN 138 transverse keyway	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

D2

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

Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR758M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15
	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 = Coated carbide
HW = Uncoated carbide

D2

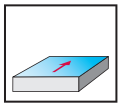
Face milling cutters

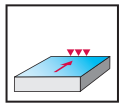
F2010 mm

SN . X1205 ..; XNGX1205ANN



– Adjustable runout
– 8 cutting edges per indexable insert

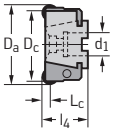
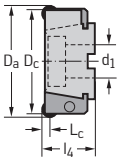
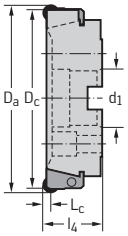
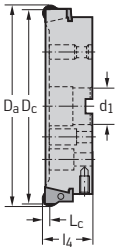








	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

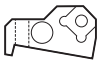
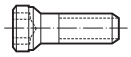
Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.06.R720M	80	94	27	50	6.5	6	1.36	6	SN . X1205 .. XNGX1205ANN
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07.06.R720M	100	114	32	50	6.5	7	1.97	7	SN . X1205 .. XNGX1205ANN
	F2010.B.125.Z08.06.R720M	125	139	40	63	6.5	8	3.62	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.06.R720M	160	174	40	63	6.5	10	5.74	10	SN . X1205 .. XNGX1205ANN
	F2010.B.200.Z12.06.R720M	200	214	60	63	6.5	12	9.78	12	
	F2010.B.250.Z12.06.R720M	250	264	60	63	6.5	12	16.55	12	
	F2010.B.250.Z16.06.R720M	250	264	60	63	6.5	16	16.2	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.06.R720M	315	329	60	80	6.5	14	27.53	14	SN . X1205 .. XNGX1205ANN
	F2010.B.315.Z18.06.R720M	315	329	60	80	6.5	18	28	18	

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR720M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1459 (T15IP) 4 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Cartridge: XNGX1205ANN-F67 finish insert	FR730M
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	H HC WHH15
	SNGX120512-F57	G	8	1.2		☺	☺	☺	☹		☺	☹					☺	☹	☹				☺	☹	
	SNMX120512-D27	M	8	1.2		☺	☺	☺								☺	☺	☹	☹						
	SNMX120512-F27	M	8	1.2		☺	☺	☺									☺	☹	☹						
	SNMX120512-F57	M	8	1.2		☺	☺	☺	☹		☺	☹				☺	☺	☹	☹				☺	☹	
	SNMX120512-F67	M	8	1.2		☺	☺	☺	☹		☺	☹		☺			☺	☹	☹				☺	☹	
	SNMX120520-D27	M	8	2		☺	☺	☺								☺	☺	☹	☹						
	SNMX120520-F57	M	8	2		☺	☺	☺	☹		☺	☹				☺	☺	☹	☹				☺	☹	
	SNGX1205ANN-F27	G	8	0.8		☺	☺	☺									☺	☹	☹						
	SNGX1205ANN-F57	G	8	0.8		☺	☺	☺	☹		☺	☹				☺	☺	☹	☹				☺	☹	
	SNGX1205ANN-F67	G	8	0.8		☺	☺	☺	☹		☺	☹		☺			☺	☹	☹				☺	☹	
	SNHX1205ANN-K88	H	8	0.8																	☺	☺			
	SNMX1205ANN-F27	M	8	0.8		☺	☺	☺									☺	☹	☹						
	SNMX1205ANN-F57	M	8	0.8		☺	☺	☺								☺	☺	☹	☹						
	SNMX1205ANN-F67	M	8	0.8		☺	☺	☺						☺			☺	☹	☹						
	XNGX1205ANN-F67	G	2	1.2	☺					☺			☺	☺	☺					☺					☺

HC = Coated carbide
HW = Uncoated carbide

D2

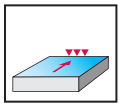
Face milling cutters

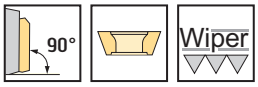
F2010 mm

P2903-2R

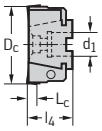
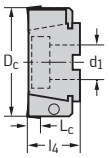
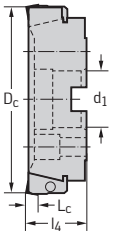
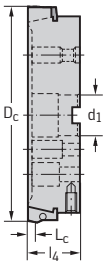


– Adjustable runout
– 3 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2010	●●	●	●●			●	

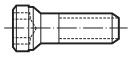
Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.09.R500M	80		27	50	9	6	1.15	6	P2903-2R
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07.09.R500M	100		32	50	9	7	1.15	7	P2903-2R
	F2010.B.125.Z08.09.R500M	125		40	63	9	8	3.31	8	
 Shell mill mount DIN 138 transverse keyway	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.Z12.09.R500M	250		60	63	9	12	16.25	12	
	F2010.B.250.Z16.09.R500M	250		60	63	9	16	16.5	16	
 Shell mill mount DIN 138 transverse keyway	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

D 2

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

Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR500M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS244 (T15) 3 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	100	80–315
	Screwdriver for indexable insert	FS229 (T15)	FS229 (T15)
	Screwdriver for adjusting pin	FS228 (T20)	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	Torque T-handle		FS2041
	Interchangeable blade		FS2051 (SW 4)
	Torque screwdriver, analog		FS2003
	Torque screwdriver, digital		FS2248
	Interchangeable blade		FS2009 (T15)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b mm	P HC WHH15	P HC WHH15X	P HC WXM15	M HC WXM15	K HC WAK15	K HC WHH15	K HC WHH15X	K HC WXM15	N HW WK10	H HC WHH15	H HC WHH15X
	P2903-2R	A	3	3,5	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide
HW = Uncoated carbide

D2

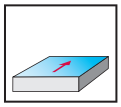
Face milling cutters

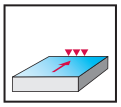
F2010 mm

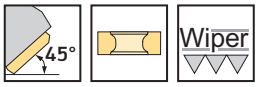
XN . U0705 ..; XNGX0705ANN



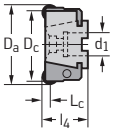
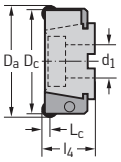
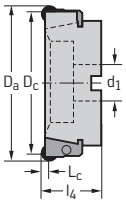
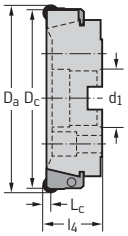
– Adjustable runout
– 14 cutting edges per indexable insert







	P	M	K	N	S	H	O
F2010	●●	●●	●●		●●		

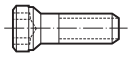
Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.04.R759M	80	90	27	50	4	6	1.2	6	XN . U0705 .. XNGX0705ANN
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07.04.R759M	100	110	32	50	4	7	1.8	7	XN . U0705 .. XNGX0705ANN
	F2010.B.125.Z08.04.R759M	125	135	40	63	4	8	3.5	8	
 Shell mill mount DIN 138 transverse keyway	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	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.04.R759M	315	325	60	80	4	14	26.3	14	XN . U0705 .. XNGX0705ANN
	F2010.B.315.Z18.04.R759M	315	325	60	80	4	18	26.2	18	

Bodies and assembly parts are included in the scope of delivery

D2

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

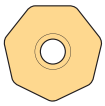
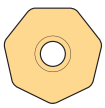
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR759M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 3 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315	250
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)	FS2014 (T15IP)
	Torque T-handle	FS2041	
	Interchangeable blade for cartridge	FS2051 (SW 4)	
	Screwdriver for indexable insert	FS1485 (T15IP)	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S	H HC WHH15
	XNGU0705ANN-F57	G	14	0.8	1.1		☺	☺	☺	😐	😐		☺		😐	😐					☺	😐	😐		☺		😐	😐	
	XNGX0705ANN-F67	G	2	0.8	5.7	☺						☺					☹	☺	☺					☺					☺
	XNMU070508-F57	M	14	0.8			☺	☺	☺	😐			☺		😐						☺	😐	😐		☺		😐		
	XNMU0705ANN-F27	M	14	0.8	1.1		☺	☺	☺											☺	☺	😐	😐						
	XNMU0705ANN-F57	M	14	0.8	1.1		☺	☺	☺	😐			☺		😐						☺	😐	😐		☺		😐		
	XNMU0705ANN-F67	M	14	0.8	1.1		☺	☺					☺	☹							☺	😐			☺	☹			

XNGX0705ANN-F67 wiper insert only in combination with XNGU0705ANN . .

HC = Coated carbide

D2

Shoulder milling cutters

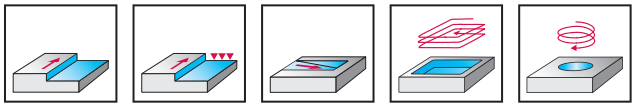
M5130 mm

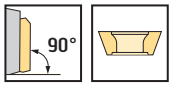
AC .. 0602 .. R

Xtra·tec® XT



– 2 cutting edges per indexable insert

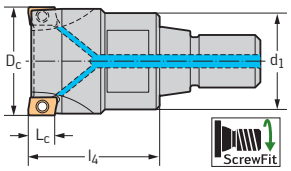




	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

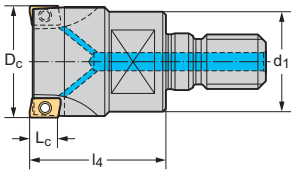
Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-010-T09-02-05	10	T09	20		5	2	0.02	2	AC .. 0602 .. R
M5130-012-T09-03-05	12	T09	20		5	3	0.02	3	
M5130-016-T14-03-05	16	T14	25		5	3	0.04	3	
M5130-016-T14-04-05	16	T14	25		5	4	0.03	4	
M5130-020-T18-04-05	20	T18	25		5	4	0.05	4	
M5130-020-T18-05-05	20	T18	25		5	5	0.05	5	
M5130-025-T22-05-05	25	T22	30		5	5	0.1	5	
M5130-025-T22-07-05	25	T22	30		5	7	0.1	7	
M5130-032-T28-06-05	32	T28	35		5	6	0.19	6	
M5130-032-T28-08-05	32	T28	35		5	8	0.2	8	
M5130-040-T36-07-05	40	T36	35		5	7	0.34	7	
M5130-040-T36-10-05	40	T36	35		5	10	0.35	10	



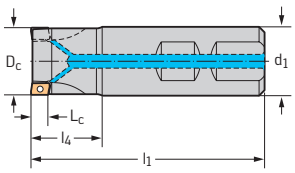
ScrewFit

M5130-010-TC06-02-05	10	M6	20		5	2	0.01	2	AC .. 0602 .. R
M5130-012-TC06-03-05	12	M6	20		5	3	0.01	3	
M5130-016-TC08-03-05	16	M8	25		5	3	0.03	3	
M5130-016-TC08-04-05	16	M8	25		5	4	0.03	4	
M5130-020-TC10-04-05	20	M10	25		5	4	0.05	4	
M5130-020-TC10-05-05	20	M10	25		5	5	0.05	5	
M5130-025-TC12-05-05	25	M12	30		5	5	0.1	5	
M5130-025-TC12-07-05	25	M12	30		5	7	0.1	7	
M5130-032-TC16-06-05	32	M16	35		5	6	0.19	6	
M5130-032-TC16-08-05	32	M16	35		5	8	0.2	8	
M5130-040-TC16-07-05	40	M16	35		5	7	0.24	7	
M5130-040-TC16-10-05	40	M16	35		5	10	0.27	10	



Cylindrical modular

M5130-010-W10-02-05	10	10	16	60	5	2	0.03	2	AC .. 0602 .. R
M5130-010-W16-02-05	10	16	30	80	5	2	0.09	2	
M5130-012-W12-03-05	12	12	19	65	5	3	0.05	3	
M5130-012-W16-03-05	12	16	30	80	5	3	0.09	3	
M5130-016-W16-03-05	16	16	21	70	5	3	0.09	3	
M5130-016-W16-04-05	16	16	21	70	5	4	0.11	4	
M5130-020-W20-04-05	20	20	24	75	5	4	0.16	4	
M5130-020-W20-05-05	20	20	24	75	5	5	0.16	5	
M5130-025-W25-05-05	25	25	26	85	5	5	0.29	5	
M5130-025-W25-07-05	25	25	26	85	5	7	0.29	7	



DIN 1835 B

Bodies and assembly parts are included in the scope of delivery

D2

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

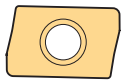
Assembly parts

	D_c [mm]	10–63
	Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0.5 Nm

Accessories

	D_c [mm]	10–63
	Torque screwdriver, analog	FS2001
	Interchangeable blade	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	S HC WSP45S
	ACGT060204R-G65	G	2	0.4	0.9	●	◐	◐	○	○	◐	○	○			◐	○	○			◐	○	○
	ACGT060204R-M85	G	2	0.4	0.9														●	◐			
	ACMT060202R-G55	M	2	0.2	1		◐	◐	○			○					○	○				○	
	ACMT060204R-G55	M	2	0.4	0.9	●	◐	◐	○		◐	○		●	◐	◐	○	○			◐	○	
	ACMT060204R-K55	M	2	0.4	0.9		●	●	◐	◐	●	◐	◐				◐	◐			●	◐	◐
	ACMT060208R-G55	M	2	0.8	0.8		◐	◐	○			○					○	○				○	
	ACMT060212R-G55	M	2	1.2	0.6		◐	◐	○			○					○	○				○	
	ACMT060216R-G55	M	2	1.6	0.1		◐	◐	○			○					○	○				○	

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

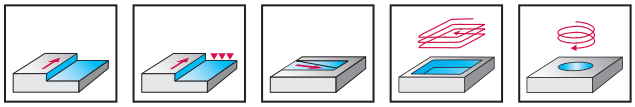
M5130 mm

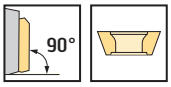
AC .. 0602 .. R

Xtra·tec® XT



– 2 cutting edges per indexable insert

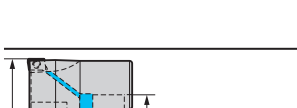




	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

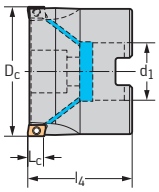
Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-010-A10-02-05	10	10	16	60	5	2	0.03	2	AC .. 0602 .. R
M5130-010-A16-02-05	10	16	30	80	5	2	0.1	2	
M5130-012-A12-03-05	12	12	19	70	5	3	0.05	3	
M5130-012-A16-03-05	12	16	30	80	5	3	0.09	3	
M5130-014-A16-03-05	14	16	30	80	5	3	0.06	3	
M5130-016-A16-03-05	16	16	21	90	5	3	0.12	3	
M5130-016-A16-04-05	16	16	21	90	5	4	0.13	4	
M5130-018-A16-03-05	18	16	21	90	5	3	0.13	3	
M5130-020-A20-04-05	20	20	24	110	5	4	0.24	4	
M5130-020-A20-05-05	20	20	24	110	5	5	0.24	5	
M5130-022-A20-04-05	22	20	24	110	5	4	0.25	4	
M5130-025-A25-05-05	25	25	26	120	5	5	0.42	5	
M5130-025-A25-07-05	25	25	26	120	5	7	0.42	7	



Cylindrical shank

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-032-B16-06-05	32	16	40		5	6	0.14	6	AC .. 0602 .. R
M5130-032-B16-08-05	32	16	40		5	8	0.14	8	
M5130-040-B16-07-05	40	16	40		5	7	0.27	7	
M5130-040-B16-10-05	40	16	40		5	10	0.27	10	
M5130-050-B22-09-05	50	22	40		5	9	0.42	9	
M5130-050-B22-12-05	50	22	40		5	12	0.42	12	
M5130-063-B22-11-05	63	22	40		5	11	0.54	11	
M5130-063-B22-14-05	63	22	40		5	14	0.54	14	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

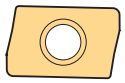
Assembly parts

	D_c [mm]	10–63
	Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0.5 Nm

Accessories

	D_c [mm]	10–63
	Torque screwdriver, analog	FS2001
	Interchangeable blade	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	S HC WSP45S
	ACGT060204R-G65	G	2	0.4	0.9	●	◐	◐	○	○	◐	○	○			◐	○	○			◐	○	○
	ACGT060204R-M85	G	2	0.4	0.9														●	◐			
	ACMT060202R-G55	M	2	0.2	1		◐	◐	○			○					○	○				○	
	ACMT060204R-G55	M	2	0.4	0.9	●	◐	◐	○		◐	○		●	◐	◐	○	○			◐	○	
	ACMT060204R-K55	M	2	0.4	0.9		●	●	◐	◐	●	◐	◐				◐	◐			●	◐	◐
	ACMT060208R-G55	M	2	0.8	0.8		◐	◐	○			○					○	○				○	
	ACMT060212R-G55	M	2	1.2	0.6		◐	◐	○			○					○	○				○	
	ACMT060216R-G55	M	2	1.6	0.1		◐	◐	○			○					○	○				○	

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

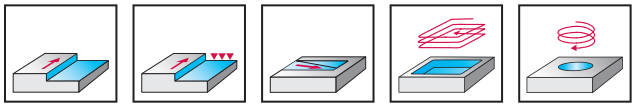
M5130 inch

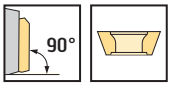
AC .. 0602 .. R

Xtra·tec® XT



– 2 cutting edges per indexable insert

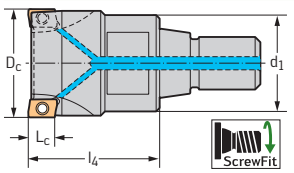




	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

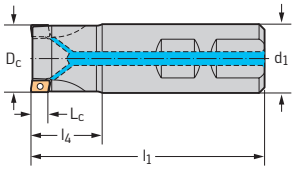
Tool

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M5130.013-T09-03-05	0.500	T09	0.787		0.197	3	0.001	3	AC .. 0602 .. R
M5130.015-T14-03-05	0.625	T14	0.984		0.197	3	0.001	3	
M5130.015-T14-04-05	0.625	T14	0.984		0.197	4	0.002	4	
M5130.019-T18-04-05	0.750	T18	0.984		0.197	4	0.002	4	
M5130.019-T18-05-05	0.750	T18	0.984		0.197	5	0.002	5	
M5130.026-T22-05-05	1.000	T22	1.181		0.197	5	0.004	5	
M5130.026-T22-07-05	1.000	T22	1.181		0.197	7	0.004	7	
M5130.031-T28-06-05	1.250	T28	1.378		0.197	6	0.008	6	
M5130.031-T28-08-05	1.250	T28	1.378		0.197	8	0.008	8	
M5130.038-T36-07-05	1.500	T36	1.378		0.197	7	0.014	7	
M5130.038-T36-10-05	1.500	T36	1.378		0.197	10	0.014	10	



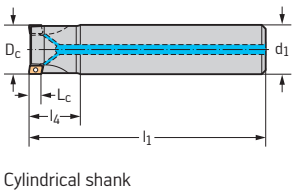
ScrewFit

M5130.013-W13-03-05	0.500	0.500	0.700	2.281	0.197	3	0.002	3	AC .. 0602 .. R
M5130.015-W15-03-05	0.625	0.625	0.750	2.656	0.197	3	0.004	3	
M5130.015-W15-04-05	0.625	0.625	0.750	2.656	0.197	4	0.004	4	
M5130.019-W19-04-05	0.750	0.750	0.945	2.781	0.197	4	0.005	4	
M5130.019-W19-05-05	0.750	0.750	0.945	2.781	0.197	5	0.005	5	
M5130.026-W26-05-05	1.000	1.000	1.000	3.281	0.197	5	0.011	5	
M5130.026-W26-07-05	1.000	1.000	1.000	3.281	0.197	7	0.011	7	



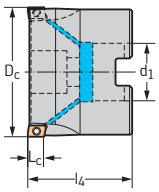
DIN 1835 B

M5130.013-A13-03-05	0.500	0.500	0.750	2.531	0.197	3	0.002	3	AC .. 0602 .. R
M5130.015-A15-03-05	0.625	0.625	0.750	3.566	0.197	3	0.005	3	
M5130.015-A15-04-05	0.625	0.625	0.750	3.566	0.197	4	0.005	4	
M5130.019-A19-04-05	0.750	0.750	1.000	4.250	0.197	4	0.008	4	
M5130.019-A19-05-05	0.750	0.750	1.000	4.250	0.197	5	0.008	5	
M5130.026-A26-05-05	1.000	1.000	1.000	4.750	0.197	5	0.017	5	
M5130.026-A26-07-05	1.000	1.000	1.000	4.750	0.197	7	0.017	7	



Cylindrical shank

M5130.051-B19-09-05	2.000	0.750	1.575		0.197	9	0.016	9	AC .. 0602 .. R
M5130.051-B19-12-05	2.000	0.750	1.575		0.197	12	0.016	12	
M5130.064-B26-11-05	2.500	1.000	1.575		0.197	11	0.026	11	
M5130.064-B26-14-05	2.500	1.000	1.575		0.197	14	0.026	14	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

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

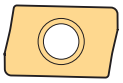
Assembly parts

	D_c [inch]	0.5–1.5	2	2.5
	Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 4 in lbs	FS2560 (T6IP) 4 in lbs	FS2560 (T6IP) 4 in lbs
	Clamping screw for arbor-mounted tools		FS1518	FS1519

Accessories

	D_c [inch]	0.5–2.5
	Torque screwdriver, analog	FS2002
	Interchangeable blade	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	S HC WSP45S
	ACGT060204R-G65	G	2	0.4	0.9	☺	😐	😐	☹	☹	😐	☹	☹			😐	☹	☹			😐	☹	☹
	ACGT060204R-M85	G	2	0.4	0.9														☺	😐			
	ACMT060202R-G55	M	2	0.2	1		😐	😐	☹			☹					☹	☹				☹	
	ACMT060204R-G55	M	2	0.4	0.9	☺	😐	😐	☹		😐	☹		☺	😐	😐	☹	☹			😐	☹	
	ACMT060204R-K55	M	2	0.4	0.9		☺	☺	😐	😐	☺	😐	😐				😐	😐			😐	😐	😐
	ACMT060208R-G55	M	2	0.8	0.8		😐	😐	☹			☹					☹	☹				☹	
	ACMT060212R-G55	M	2	1.2	0.6		😐	😐	☹			☹					☹	☹				☹	
	ACMT060216R-G55	M	2	1.6	0.1		😐	😐	☹			☹					☹	☹				☹	

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

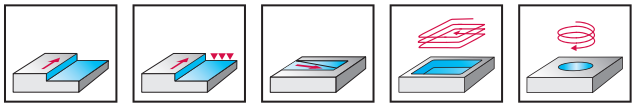
M5130 mm

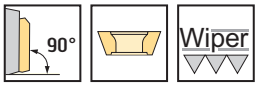
BC .. 0903 .. R

Xtra·tec® XT



– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit									
M5130-016-T14-02-09	16	T14	25		9	2	0.03	2	BC .. 0903 .. R
M5130-020-T18-02-09	20	T18	30		9	2	0.05	2	
M5130-020-T18-03-09	20	T18	30		9	3	0.05	3	
M5130-025-T22-03-09	25	T22	35		9	3	0.09	3	
M5130-025-T22-04-09	25	T22	35		9	4	0.09	4	
M5130-032-T28-04-09	32	T28	40		9	4	0.18	4	
M5130-032-T28-05-09	32	T28	40		9	5	0.19	5	
Cylindrical modular									
M5130-016-TC08-02-09	16	M8	25		9	2	0.03	2	BC .. 0903 .. R
M5130-020-TC10-02-09	20	M10	30		9	2	0.05	2	
M5130-020-TC10-03-09	20	M10	30		9	3	0.05	3	
M5130-025-TC12-03-09	25	M12	35		9	3	0.09	3	
M5130-025-TC12-04-09	25	M12	35		9	4	0.09	4	
M5130-032-TC16-04-09	32	M16	40		9	4	0.17	4	
M5130-032-TC16-05-09	32	M16	40		9	5	0.18	5	
DIN 1835 B									
M5130-016-W16-02-09	16	16	41	90	9	2	0.12	2	BC .. 0903 .. R
M5130-020-W20-03-09	20	20	39	90	9	3	0.18	3	
M5130-025-W25-04-09	25	25	43	100	9	4	0.31	4	
M5130-032-W32-05-09	32	32	49	110	9	5	0.57	5	
Cylindrical shank									
M5130-016-A16-02-09	16	16	41	180	9	2	0.25	2	BC .. 0903 .. R
M5130-018-A16-02-09	18	16	41	180	9	2	0.26	2	
M5130-020-A20-02-09	20	20	39	200	9	2	0.44	2	
M5130-020-A20-03-09	20	20	39	200	9	3	0.44	3	
M5130-022-A20-03-09	22	20	39	200	9	3	0.44	3	
M5130-025-A25-03-09	25	25	43	200	9	3	0.68	3	
M5130-025-A25-04-09	25	25	43	200	9	4	0.68	4	
Shell mill mount DIN 138 transverse keyway									
M5130-032-B16-03-09	32	16	40		9	3	0.12	3	BC .. 0903 .. R
M5130-032-B16-06-09	32	16	40		9	6	0.12	6	
M5130-040-B16-04-09	40	16	40		9	4	0.19	4	
M5130-040-B16-07-09	40	16	40		9	7	0.21	7	
M5130-050-B22-05-09	50	22	40		9	5	0.32	5	
M5130-050-B22-08-09	50	22	40		9	8	0.34	8	
M5130-063-B22-07-09	63	22	40		9	7	0.5	7	
M5130-063-B22-11-09	63	22	40		9	11	0.51	11	

Bodies and assembly parts are included in the scope of delivery

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

D2

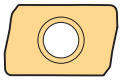
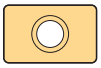
Assembly parts

	D_c [mm]	16–63
	Clamping screw for indexable insert Tightening torque	FS2576 (T8IP) 1.2 Nm

Accessories

	D_c [mm]	16–63
	Torque screwdriver, analog	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WHH15X	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15	H HC WHH15X
	BCGT090304R-G55	G	2	0.4	1.2			☺	☺	☺	☹		☺		☹		☺				☺	☹	☹				☺		☹		
	BCGT090304R-K85	G	2	0.4	1.2																				☺	☺					
	BCMT090302R-G55	M	2	0.2	1.4				☺	☺	☹				☹							☹	☹						☹		
	BCMT090304R-F55	M	2	0.4	1.2			☺	☺	☺	☹			☹	☹		☺			☺	☺	☹	☹					☹	☹		
	BCMT090304R-G55	M	2	0.4	1.2			☺	☺	☺	☹		☺	☹	☹		☺			☺	☺	☹	☹				☺	☹	☹		
	BCMT090304R-K55	M	2	0.4	1.2				☺	☺	☺		☺		☺							☹	☹				☺		☺		
	BCMT090308R-G55	M	2	0.8	0.8				☺	☺	☹			☹	☹							☹	☹					☹	☹		
	BCMT090312R-G55	M	2	1.2	0.4				☺	☺	☹				☹							☹	☹						☹		
	BCMT090316R-G55	M	2	1.6	0.4				☺	☺	☹			☹	☹							☹	☹					☹	☹		
	BCMT090320R-G55	M	2	2	0.4				☺	☺	☹			☹	☹							☹	☹					☹	☹		
	BCMT090330R-G55	M	2	3	0.4									☹														☹			
	BCGX0903PDR-G55	G	2	0.4	5	☺	☺					☺				☺	☺	☺	☺					☺						☺	☺

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

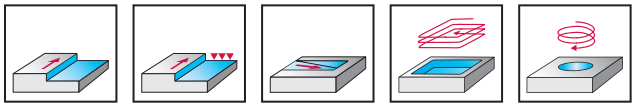
M5130 inch

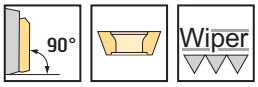
BC .. 0903 .. R

Xtra·tec® XT



– 2 cutting edges per indexable insert

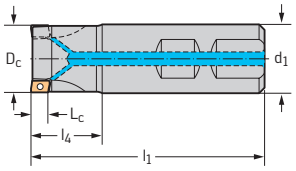




	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

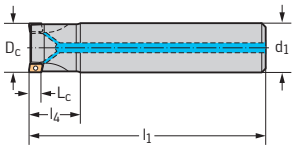
Tool

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M5130.015-W15-02-09	0.625	0.625	0.945	2.851	0.354	2	0.004	2	BC .. 0903 .. R
M5130.019-W19-03-09	0.750	0.750	1.535	3.567	0.354	3	0.006	3	
M5130.026-W26-03-09	1.000	1.000	1.181	3.462	0.354	3	0.011	3	
M5130.026-W26-04-09	1.000	1.000	1.181	3.462	0.354	4	0.011	4	



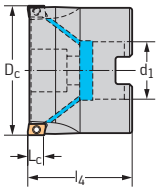
DIN 1835 B

M5130.015-A15-02-09	0.625	0.625	1.630	7.000	0.354	2	0.010	2	BC .. 0903 .. R
M5130.019-A19-02-09	0.750	0.750	1.630	8.000	0.354	2	0.015	2	
M5130.026-A26-03-09	1.000	1.000	1.750	8.000	0.354	3	0.028	3	



Cylindrical shank

M5130.051-B19-05-09	2.000	0.750	1.575		0.354	5	0.014	5	BC .. 0903 .. R
M5130.051-B19-08-09	2.000	0.750	1.575		0.354	8	0.014	8	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

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

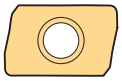
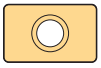
Assembly parts

	D_c [inch]	0.62–1	2
	Clamping screw for indexable insert Tightening torque	FS2576 (T8IP) 11 in lbs	FS2576 (T8IP) 11 in lbs
	Clamping screw for arbor-mounted tools		FS1523

Accessories

	D_c [inch]	0.62–2
	Torque screwdriver, analog	FS2002
	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	
						WHH15	WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15	WHH15X	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35S	WSM45X	WSP45G	WHH15	WHH15X
	BCGT090304R-G55	G	2	0.4	1.2			●	◐	◐	✕		◐		✕		●				◐	✕	✕				◐		✕			
	BCGT090304R-K85	G	2	0.4	1.2																				●	◐						
	BCMT090302R-G55	M	2	0.2	1.4				◐	◐	✕				✕							✕	✕						✕			
	BCMT090304R-F55	M	2	0.4	1.2			●	◐	◐	✕			✕	✕		●			◐	◐	✕	✕					✕	✕			
	BCMT090304R-G55	M	2	0.4	1.2			●	◐	◐	✕		◐	✕	✕		●			◐	◐	✕	✕				◐	✕	✕			
	BCMT090304R-K55	M	2	0.4	1.2				●	◐	◐		●		◐							◐	◐				●		◐			
	BCMT090308R-G55	M	2	0.8	0.8				◐	◐	✕			✕	✕							✕	✕					✕	✕			
	BCMT090312R-G55	M	2	1.2	0.4				◐	◐	✕				✕							✕	✕						✕			
	BCMT090316R-G55	M	2	1.6	0.4				◐	◐	✕			✕	✕							✕	✕					✕	✕			
	BCMT090320R-G55	M	2	2	0.4				◐	◐	✕			✕	✕							✕	✕					✕	✕			
	BCMT090330R-G55	M	2	3	0.4									✕														✕				
	BCGX0903PDR-G55	G	2	0.4	5	●	●					●				●	●	●	●					●						●	●	

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

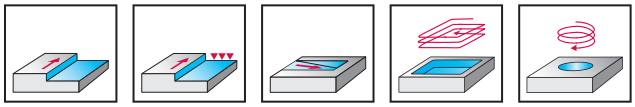
M5130 mm

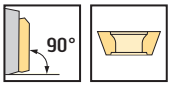
BC .. 1204 .. R

Xtra·tec® XT

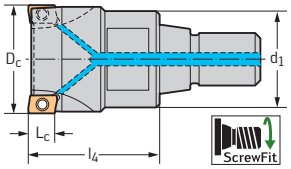
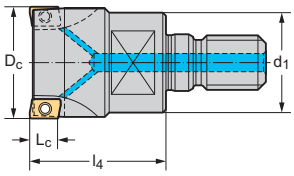
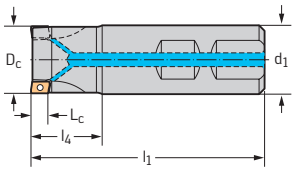
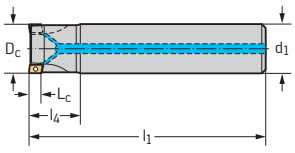


– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	M5130-025-T22-03-12	25	T22	35		12	3	0.09	3	BC .. 1204 .. R
	M5130-032-T28-03-12	32	T28	40		12	3	0.17	3	
	M5130-032-T28-04-12	32	T28	40		12	4	0.18	4	
	M5130-040-T36-03-12	40	T36	40		12	3	0.31	3	
	M5130-040-T36-06-12	40	T36	40		12	6	0.32	6	
 Cylindrical modular	M5130-025-TC12-03-12	25	M12	35		12	3	0.08	3	BC .. 1204 .. R
	M5130-032-TC16-03-12	32	M16	40		12	3	0.16	3	
	M5130-032-TC16-04-12	32	M16	40		12	4	0.17	4	
	M5130-040-TC16-03-12	40	M16	40		12	3	0.21	3	
	M5130-040-TC16-06-12	40	M16	40		12	6	0.22	6	
 DIN 1835 B	M5130-025-W25-03-12	25	25	43	100	12	3	0.3	3	BC .. 1204 .. R
	M5130-032-W32-03-12	32	32	49	110	12	3	0.53	3	
	M5130-032-W32-04-12	32	32	49	110	12	4	0.54	4	
	M5130-040-W32-06-12	40	32	49	110	12	6	0.65	6	
 Cylindrical shank	M5130-022-A20-02-12	22	20	38	200	12	2	0.45	2	BC .. 1204 .. R
	M5130-025-A25-02-12	25	25	38	200	12	2	0.69	2	
	M5130-025-A25-03-12	25	25	38	200	12	3	0.68	3	
	M5130-032-A32-03-12	32	32	39	250	12	3	1.4	3	
	M5130-032-A32-04-12	32	32	39	250	12	4	1.42	4	
	M5130-040-A32-05-12	40	32	44	250	12	5	1.51	5	
	M5130-040-A40-04-12	40	40	44	250	12	4	2.25	4	

Bodies and assembly parts are included in the scope of delivery

D 2

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

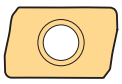
Assembly parts

	D_c [mm]	22–80
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm

Accessories

	D_c [mm]	22–80
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	BCGT120408R-G55	G	2	0.8	1.3	●	●	●	●		●		●		●		●	●	●			●		●	
	BCHT120404R-K85	H	2	0.4	1.7															●	●				
	BCHT120408R-K85	H	2	0.8	1.3															●	●				
	BCHT120412R-K85	H	2	1.2	1.2															●	●				
	BCHT120416R-K85	H	2	1.6	1.1															●	●				
	BCHT120420R-K85	H	2	2	1.2															●	●				
	BCHT120425R-K85	H	2	2.5	1															●	●				
	BCHT120430R-K85	H	2	3	0.7															●	●				
	BCHT120440R-K85	H	2	4	0.4															●	●				
	BCMT120404R-G55	M	2	0.4	1.3		●	●	●				●					●	●					●	
	BCMT120408R-F55	M	2	0.8	1.3	●	●	●	●	●			●	●	●	●	●	●	●					●	●
	BCMT120408R-G55	M	2	0.8	1.3	●	●	●	●		●	●	●		●	●	●	●	●			●	●	●	
	BCMT120408R-K55	M	2	0.8	1.3		●	●	●		●		●					●	●			●		●	
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	BCMT120420R-G55	M	2	2	1.2		●	●	●			●	●					●	●				●	●	
	BCMT120425R-G55	M	2	2.5	1		●	●	●	●			●	●				●	●					●	●
	BCMT120430R-G55	M	2	3	0.7		●	●	●			●	●					●	●				●	●	
	BCMT120432R-G55	M	2	3.2	0.5		●	●	●				●					●	●					●	
	BCMT120440R-G55	M	2	4	0.4		●	●	●			●	●					●	●				●	●	

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

M5130 mm

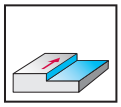
BC .. 1204 .. R

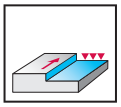
Xtra·tec® XT

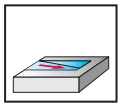


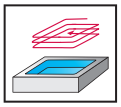


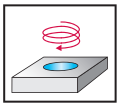
– 2 cutting edges per indexable insert

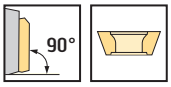








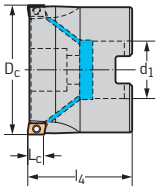




	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

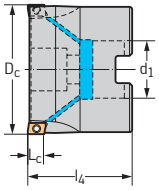
Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-040-B16-03-12	40	16	40		12	3	0.17	3	BC .. 1204 .. R
M5130-040-B16-04-12	40	16	40		12	4	0.18	4	
M5130-040-B16-06-12	40	16	40		12	6	0.19	6	
M5130-050-B22-03-12	50	22	40		12	3	0.32	3	
M5130-050-B22-04-12	50	22	40		12	4	0.29	4	
M5130-050-B22-07-12	50	22	40		12	7	0.31	7	
M5130-063-B22-04-12	63	22	40		12	4	0.45	4	
M5130-063-B22-05-12	63	22	40		12	5	0.47	5	
M5130-063-B22-08-12	63	22	40		12	8	0.5	8	
M5130-063-B27-04-12	63	27	50		12	4	0.66	4	
M5130-063-B27-05-12	63	27	50		12	5	0.67	5	
M5130-063-B27-08-12	63	27	50		12	8	0.71	8	
M5130-080-B27-05-12	80	27	50		12	5	0.91	5	
M5130-080-B27-06-12	80	27	50		12	6	0.94	6	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-080-B27-09-12	80	27	50		12	9	1	9	BC .. 1204 .. R



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

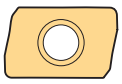
Assembly parts

	D_c [mm]	22–80
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm

Accessories

	D_c [mm]	22–80
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	BCGT120408R-G55	G	2	0.8	1.3	●	●	●	●		●		●		●		●	●	●			●		●	
	BCHT120404R-K85	H	2	0.4	1.7															●	●				
	BCHT120408R-K85	H	2	0.8	1.3															●	●				
	BCHT120412R-K85	H	2	1.2	1.2															●	●				
	BCHT120416R-K85	H	2	1.6	1.1															●	●				
	BCHT120420R-K85	H	2	2	1.2															●	●				
	BCHT120425R-K85	H	2	2.5	1															●	●				
	BCHT120430R-K85	H	2	3	0.7															●	●				
	BCHT120440R-K85	H	2	4	0.4															●	●				
	BCMT120404R-G55	M	2	0.4	1.3		●	●	●				●					●	●					●	
	BCMT120408R-F55	M	2	0.8	1.3	●	●	●	●	●			●	●	●	●	●	●	●					●	●
	BCMT120408R-G55	M	2	0.8	1.3	●	●	●	●		●	●	●		●	●	●	●	●			●	●	●	
	BCMT120408R-K55	M	2	0.8	1.3		●	●	●		●		●					●	●			●		●	
	BCMT120412R-G55	M	2	1.2	1.2		●	●	●			●	●					●	●				●	●	
	BCMT120416R-G55	M	2	1.6	1.1		●	●	●			●	●					●	●				●	●	
	BCMT120420R-G55	M	2	2	1.2		●	●	●			●	●					●	●				●	●	
	BCMT120425R-G55	M	2	2.5	1		●	●	●	●			●	●				●	●					●	●
	BCMT120430R-G55	M	2	3	0.7		●	●	●			●	●					●	●				●	●	
	BCMT120432R-G55	M	2	3.2	0.5		●	●	●				●					●	●					●	
	BCMT120440R-G55	M	2	4	0.4		●	●	●			●	●					●	●				●	●	

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

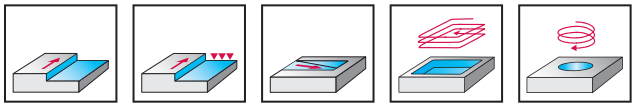
M5130 inch

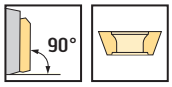
BC .. 1204 .. R

Xtra·tec® XT



– 2 cutting edges per indexable insert

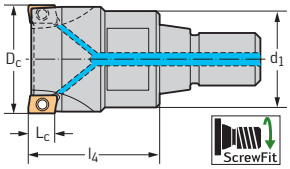




	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

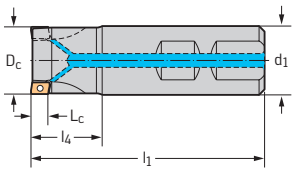
Tool

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M5130.026-T22-03-12	1.000	T22	1.378		0.472	3	0.003	3	BC .. 1204 .. R
M5130.031-T28-03-12	1.250	T28	1.575		0.472	3	0.006	3	
M5130.031-T28-04-12	1.250	T28	1.575		0.472	4	0.007	4	
M5130.038-T36-06-12	1.500	T36	1.575		0.472	6	0.013	6	
M5130.051-T45-07-12	2.000	T45	1.575		0.472	7	0.019	7	



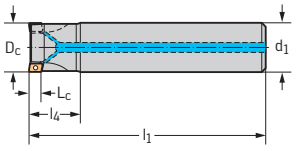
ScrewFit

M5130.019-W19-02-12	0.750	0.750	1.024	3.059	0.472	2	0.005	2	BC .. 1204 .. R
M5130.026-W26-03-12	1.000	1.000	1.339	3.280	0.472	3	0.010	3	
M5130.031-W31-04-12	1.250	1.250	1.417	3.697	0.472	4	0.018	4	



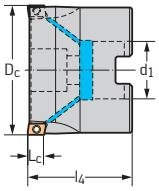
DIN 1835 B

M5130.019-A19-02-12	0.750	0.750	1.030	7.530	0.472	2	0.015	2	BC .. 1204 .. R
M5130.026-A26-03-12	1.000	1.000	1.500	8.000	0.472	3	0.028	3	
M5130.031-A31-04-12	1.250	1.250	1.630	10.000	0.472	4	0.056	4	



Cylindrical shank

M5130.038-B19-06-12	1.500	0.750	1.500		0.472	6	0.006	6	BC .. 1204 .. R
M5130.051-B19-04-12	2.000	0.750	1.575		0.472	4	0.011	4	
M5130.051-B19-07-12	2.000	0.750	1.575		0.472	7	0.014	7	
M5130.064-B26-05-12	2.500	1.000	1.575		0.472	5	0.022	5	
M5130.064-B26-08-12	2.500	1.000	1.575		0.472	8	0.021	8	
M5130.076-B26-06-12	3.000	1.000	2.000		0.472	6	0.036	6	
M5130.076-B26-09-12	3.000	1.000	2.000		0.472	9	0.038	9	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

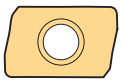
D 2

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

	D_c [inch]	0.75–1.25	1.5–2	2.5–3
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 18 in lbs	FS2573 (T9IP) 18 in lbs	FS2573 (T9IP) 18 in lbs
	Clamping screw for arbor-mounted tools		FS1523	FS1519

	D_c [inch]	0.75–3
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	BCGT120408R-G55	G	2	0.8	1.3	●	●	●	●		●		●		●		●	●	●					●	
	BCHT120404R-K85	H	2	0.4	1.7															●	●				
	BCHT120408R-K85	H	2	0.8	1.3															●	●				
	BCHT120412R-K85	H	2	1.2	1.2															●	●				
	BCHT120416R-K85	H	2	1.6	1.1															●	●				
	BCHT120420R-K85	H	2	2	1.2															●	●				
	BCHT120425R-K85	H	2	2.5	1															●	●				
	BCHT120430R-K85	H	2	3	0.7															●	●				
	BCHT120440R-K85	H	2	4	0.4															●	●				
	BCMT120404R-G55	M	2	0.4	1.3		●	●	●				●					●	●					●	
	BCMT120408R-F55	M	2	0.8	1.3	●	●	●	●	●			●	●	●	●	●	●	●					●	●
	BCMT120408R-G55	M	2	0.8	1.3	●	●	●	●		●	●	●		●	●	●	●	●			●	●	●	
	BCMT120408R-K55	M	2	0.8	1.3		●	●	●		●		●					●	●			●		●	
	BCMT120412R-G55	M	2	1.2	1.2		●	●	●			●	●					●	●				●	●	
	BCMT120416R-G55	M	2	1.6	1.1		●	●	●			●	●					●	●				●	●	
	BCMT120420R-G55	M	2	2	1.2		●	●	●			●	●					●	●				●	●	
	BCMT120425R-G55	M	2	2.5	1		●	●	●	●			●	●				●	●					●	●
	BCMT120430R-G55	M	2	3	0.7		●	●	●			●	●					●	●				●	●	
	BCMT120432R-G55	M	2	3.2	0.5		●	●	●				●					●	●					●	
	BCMT120440R-G55	M	2	4	0.4		●	●	●			●	●					●	●				●	●	

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.

HC = Coated carbide
HW = Uncoated carbide

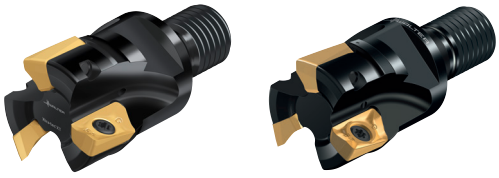
D 2

Shoulder milling cutters

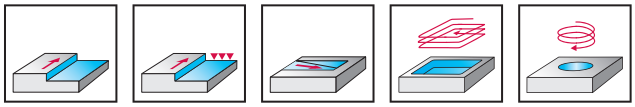
M5130 mm

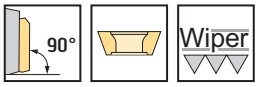
BC .. 1605 .. R

Xtra·tec® XT



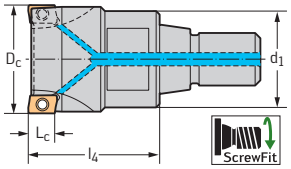
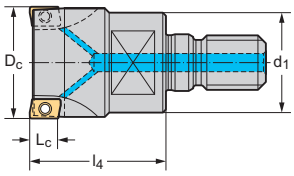
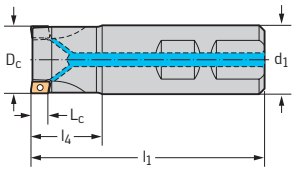
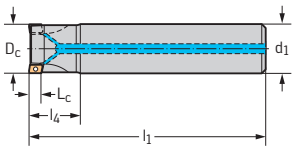
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	M5130-032-T28-03-15	32	T28	40		15	3	0.16	3	BC .. 1605 .. R
	M5130-040-T36-03-15	40	T36	40		15	3	0.31	3	
	M5130-040-T36-04-15	40	T36	40		15	4	0.31	4	
	M5130-050-T45-03-15	50	T45	40		15	3	0.45	3	
	M5130-050-T45-06-15	50	T45	40		15	6	0.45	6	
 Cylindrical modular	M5130-032-TC16-03-15	32	M16	40		15	3	0.15	3	BC .. 1605 .. R
	M5130-040-TC16-03-15	40	M16	40		15	3	0.21	3	
	M5130-040-TC16-04-15	40	M16	40		15	4	0.2	4	
 DIN 1835 B	M5130-025-W25-02-15	25	25	43	100	15	2	0.3	2	BC .. 1605 .. R
	M5130-032-W32-03-15	32	32	49	110	15	3	0.56	3	
 Cylindrical shank	M5130-025-A25-02-15	25	25	38	200	15	2	0.68	2	BC .. 1605 .. R
	M5130-028-A25-02-15	28	25	38	200	15	2	0.7	2	
	M5130-032-A32-03-15	32	32	39	250	15	3	1.43	3	
	M5130-035-A32-03-15	35	32	39	250	15	3	1.46	3	

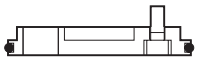
Bodies and assembly parts are included in the scope of delivery

D 2

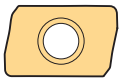
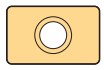
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Assembly parts

	D_c [mm]	25–160
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 3.5 Nm

	D_c [mm]	25–125	160
	Torque screwdriver, analog	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 COMPLETE SET
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S	H HC WHH15
	BCGT160508R-G55	G	2	0.8	2		☺	😐	😐	😣			😐		😣			☺			😐	😣	😣				😐		😣		
	BCHT160508R-K85	H	2	0.8	2																				☺	😐					
	BCHT160512R-K85	H	2	1.2	1.7																				☺	😐					
	BCHT160516R-K85	H	2	1.6	1.7																				☺	😐					
	BCHT160520R-K85	H	2	2	1.5																				☺	😐					
	BCHT160525R-K85	H	2	2.5	1.4																				☺	😐					
	BCHT160530R-K85	H	2	3	1.2																				☺	😐					
	BCHT160540R-K85	H	2	4	1.1																				☺	😐					
	BCMT160508R-F55	M	2	0.8	2		☺	😐	😐	😣	😣			😣	😣	😣		☺		😐	😐	😣	😣					😣	😣	😣	
	BCMT160508R-G55	M	2	0.8	2		☺	😐	😐	😣			😐	😣	😣			☺		😐	😐	😣	😣				😐	😣	😣		
	BCMT160508R-K55	M	2	0.8	2			☺	☺	😐			☺	😐	😐							😐	😐				☺	😐	😐		
	BCMT160512R-G55	M	2	1.2	1.7			😐	😐	😣				😣	😣							😣	😣					😣	😣		
	BCMT160516R-G55	M	2	1.6	1.5			😐	😐	😣				😣	😣							😣	😣					😣	😣		
	BCMT160520R-G55	M	2	2	1.5			😐	😐	😣				😣	😣							😣	😣					😣	😣		
	BCMT160525R-G55	M	2	2.5	1.4			😐	😐	😣				😣	😣							😣	😣					😣	😣		
	BCMT160530R-G55	M	2	3	1.2			😐	😐	😣				😣	😣							😣	😣					😣	😣		
	BCMT160532R-G55	M	2	3.2	1.1			😐	😐	😣	😣				😣	😣						😣	😣						😣	😣	
	BCMT160540R-G55	M	2	4	1.1			😐	😐	😣				😣	😣							😣	😣					😣	😣		
	BCMT160550R-G55	M	2	5	0.7			😐	😐	😣					😣							😣	😣						😣		
	BCMT160560R-G55	M	2	6	0.1			😐	😐	😣				😣	😣							😣	😣					😣	😣		
	BCGX1605PDR-G55	G	2	0.8	8	☺						☺				☺		☺	☺					☺							☺

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
BCGX1605PDR-F56-G55 wiper insert only in combination with BCGT160508-G55.

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

M5130 mm

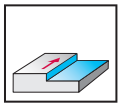
BC .. 1605 .. R

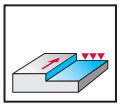
Xtra·tec® XT

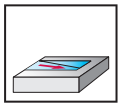


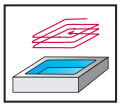


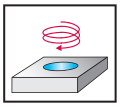
– 2 cutting edges per indexable insert











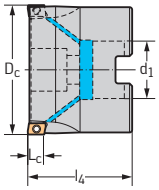






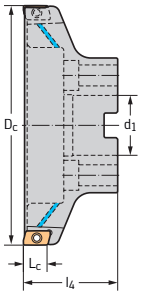
	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-040-B16-03-15	40	16	40		15	3	0.15	3	BC .. 1605 .. R
M5130-040-B16-04-15	40	16	40		15	4	0.14	4	
M5130-042-B16-03-15	42	16	40		15	3	0.17	3	
M5130-050-B22-03-15	50	22	40		15	3	0.31	3	
M5130-050-B22-06-15	50	22	40		15	6	0.31	6	
M5130-054-B22-03-15	54	22	40		15	3	0.34	3	
M5130-063-B22-04-15	63	22	40		15	4	0.43	4	
M5130-063-B22-07-15	63	22	40		15	7	0.45	7	
M5130-063-B27-04-15	63	27	50		15	4	0.66	4	
M5130-063-B27-07-15	63	27	50		15	7	0.68	7	
M5130-066-B27-04-15	66	27	50		15	4	0.72	4	
M5130-080-B27-05-15	80	27	50		15	5	0.92	5	
M5130-080-B27-08-15	80	27	50		15	8	0.97	8	
M5130-085-B27-05-15	85	27	50		15	5	1.03	5	
M5130-100-B32-05-15	100	32	50		15	5	1.55	5	
M5130-100-B32-08-15	100	32	50		15	8	1.62	8	
M5130-125-B40-07-15	125	40	63		15	7	2.47	7	
M5130-125-B40-10-15	125	40	63		15	10	2.67	10	



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5130-160-B40-08-15	160	40	63		15	8	2.88	8	BC .. 1605 .. R
M5130-160-B40-12-15	160	40	63		15	12	3.02	12	

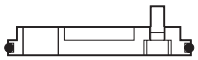
Bodies and assembly parts are included in the scope of delivery

D 2

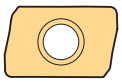
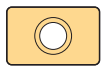
Assembly parts

	D_c [mm]	25–160
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	25–125	160
	Torque screwdriver, analog	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 COMPLETE SET
	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 HC		HW			HC			HC
						WHH15	WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WXM15	WSM35S	WSM45X	WSP45G	WSP45S	WXM15	WAK15	WHH15	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35S	WSM45X	WSP45G	WSP45S	WHH15
	BCGT160508R-G55	G	2	0.8	2		●	●	●	✕			●		✕			●			●	✕	✕				●		✕		
	BCHT160508R-K85	H	2	0.8	2																				●	●						
	BCHT160512R-K85	H	2	1.2	1.7																				●	●						
	BCHT160516R-K85	H	2	1.6	1.7																				●	●						
	BCHT160520R-K85	H	2	2	1.5																				●	●						
	BCHT160525R-K85	H	2	2.5	1.4																				●	●						
	BCHT160530R-K85	H	2	3	1.2																				●	●						
	BCHT160540R-K85	H	2	4	1.1																				●	●						
	BCMT160508R-F55	M	2	0.8	2		●	●	●	✕	✕			✕	✕	✕		●		●	●	✕	✕					✕	✕	✕		
	BCMT160508R-G55	M	2	0.8	2		●	●	●	✕			●	✕	✕			●		●	●	✕	✕				●	✕	✕			
	BCMT160508R-K55	M	2	0.8	2			●	●	●			●	●	●							●	●				●	●	●			
	BCMT160512R-G55	M	2	1.2	1.7			●	●	✕				✕	✕							✕	✕					✕	✕			
	BCMT160516R-G55	M	2	1.6	1.5			●	●	✕				✕	✕							✕	✕					✕	✕			
	BCMT160520R-G55	M	2	2	1.5			●	●	✕				✕	✕							✕	✕					✕	✕			
	BCMT160525R-G55	M	2	2.5	1.4			●	●	✕				✕	✕							✕	✕					✕	✕			
	BCMT160530R-G55	M	2	3	1.2			●	●	✕				✕	✕							✕	✕					✕	✕			
	BCMT160532R-G55	M	2	3.2	1.1			●	●	✕	✕				✕	✕						✕	✕						✕	✕		
	BCMT160540R-G55	M	2	4	1.1			●	●	✕				✕	✕							✕	✕					✕	✕			
	BCMT160550R-G55	M	2	5	0.7			●	●	✕					✕							✕	✕						✕			
	BCMT160560R-G55	M	2	6	0.1			●	●	✕				✕	✕							✕	✕					✕	✕			
	BCGX1605PDR-G55	G	2	0.8	8	●						●				●		●	●					●								●

If the corner radius r = 2.5 mm or above, the corner area of the body must be reworked.
BCGX1605PDR-F56-G55 wiper insert only in combination with BCGT160508-G55.

HC = Coated carbide
HW = Uncoated carbide

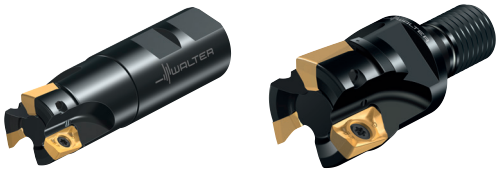
D2

Shoulder milling cutters

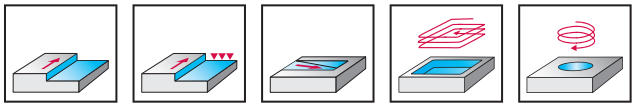
M5130 inch

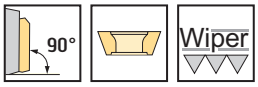
BC .. 1605 .. R

Xtra·tec® XT

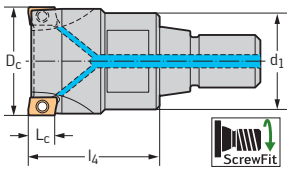
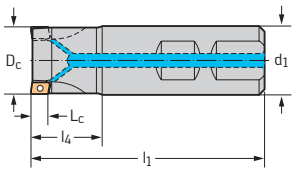
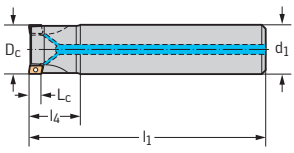
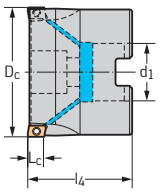


– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5130	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 ScrewFit	M5130.038-T36-03-15	1.500	T36	1.500		0.591	3	0.012	3	BC .. 1605 .. R
	M5130.038-T36-04-15	1.500	T36	1.500		0.591	4	0.012	4	
	M5130.051-T45-06-15	2.000	T45	1.575		0.591	6	0.018	6	
 DIN 1835 B	M5130.026-W26-02-15	1.000	1.000	1.850	4.131	0.591	2	0.013	3	BC .. 1605 .. R
	M5130.031-W31-03-15	1.250	1.250	1.500	3.781	0.591	3	0.018	3	
	M5130.038-W31-04-15	1.500	1.250	1.730	4.008	0.591	4	0.023	3	
 Cylindrical shank	M5130.026-A26-02-15	1.000	1.000	1.850	8.350	0.591	2	0.029	2	BC .. 1605 .. R
	M5130.031-A31-03-15	1.250	1.250	1.500	9.87	0.591	3	0.056	3	
 Shell mill mount DIN 138 transverse keyway	M5130.051-B19-03-15	2.000	0.750	1.575		0.591	3	0.013	3	BC .. 1605 .. R
	M5130.051-B19-06-15	2.000	0.750	1.575		0.591	6	0.012	6	
	M5130.064-B26-04-15	2.500	1.000	1.575		0.591	4	0.020	4	
	M5130.064-B26-07-15	2.500	1.000	1.575		0.591	7	0.02	7	
	M5130.076-B26-05-15	3.000	1.000	2.000		0.591	5	0.045	5	
	M5130.076-B26-08-15	3.000	1.000	2.000		0.591	8	0.041	8	
	M5130.102-B38-05-15	4.000	1.500	2.500		0.591	5	0.094	5	
	M5130.102-B38-08-15	4.000	1.500	2.500		0.591	8	0.108	8	
	M5130.127-B38-07-15	5.000	1.500	2.500		0.591	7	0.135	7	
	M5130.127-B38-10-15	5.000	1.500	2.500		0.591	10	0.146	10	
	M5130.152-B38-08-15	6.000	1.500	2.500		0.591	8	0.186	8	
	M5130.152-B38-12-15	6.000	1.500	2.500		0.591	12	0.183	12	

Bodies and assembly parts are included in the scope of delivery

D 2

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

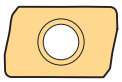
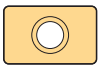
Assembly parts

	D_c [inch]	1–1.5	2	2.5–3	4–6
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 31 in lbs	FS2300 (T15IP) 31 in lbs	FS2300 (T15IP) 31 in lbs	FS2300 (T15IP) 31 in lbs
	Clamping screw for arbor-mounted tools		FS1523	FS1519	FS1583

Accessories

	D_c [inch]	1–6
	Torque screwdriver. analog	FS2004
	Torque screwdriver. digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P							M					K							N		S				H
							HC							HC					HC							HC	HW		HC				HC
						WHH15	WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WXM15	WSM35S	WSM45X	WSP45G	WSP45S	WXM15	WAK15	WHH15	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35S	WSM45X	WSP45G	WSP45S	WHH15
	BCGT160508R-G55	G	2	0.8	2		●	●	●	●			●		●			●			●	●	●				●		●		
	BCHT160508R-K85	H	2	0.8	2																				●	●					
	BCHT160512R-K85	H	2	1.2	1.7																				●	●					
	BCHT160516R-K85	H	2	1.6	1.7																				●	●					
	BCHT160520R-K85	H	2	2	1.5																				●	●					
	BCHT160525R-K85	H	2	2.5	1.4																				●	●					
	BCHT160530R-K85	H	2	3	1.2																				●	●					
	BCHT160540R-K85	H	2	4	1.1																				●	●					
	BCMT160508R-F55	M	2	0.8	2		●	●	●	●	●			●	●	●		●		●	●	●	●					●	●	●	
	BCMT160508R-G55	M	2	0.8	2		●	●	●	●			●	●	●			●		●	●	●	●				●	●	●		
	BCMT160508R-K55	M	2	0.8	2			●	●	●			●	●	●							●	●				●	●	●		
	BCMT160512R-G55	M	2	1.2	1.7			●	●	●				●	●							●	●					●	●		
	BCMT160516R-G55	M	2	1.6	1.5			●	●	●				●	●							●	●					●	●		
	BCMT160520R-G55	M	2	2	1.5			●	●	●				●	●							●	●					●	●		
	BCMT160525R-G55	M	2	2.5	1.4			●	●	●				●	●							●	●					●	●		
	BCMT160530R-G55	M	2	3	1.2			●	●	●				●	●							●	●					●	●		
	BCMT160532R-G55	M	2	3.2	1.1			●	●	●	●				●	●						●	●						●	●	
	BCMT160540R-G55	M	2	4	1.1			●	●	●				●	●							●	●					●	●		
	BCMT160550R-G55	M	2	5	0.7			●	●	●					●							●	●						●		
	BCMT160560R-G55	M	2	6	0.1			●	●	●				●	●							●	●					●	●		
	BCGX1605PDR-G55	G	2	0.8	8	●						●					●	●	●					●							●

If the corner radius r = 2.5 mm or above. the corner area of the body must be reworked.

HC = Coated carbide
HW = Uncoated carbide

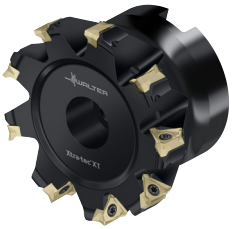
D 2

Shoulder milling cutters

M5137 mm

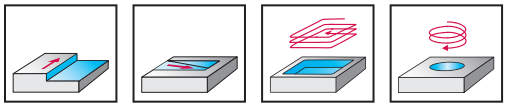
TNMU11T304R

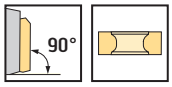
Xtra·tec® XT





– 6 cutting edges per indexable insert

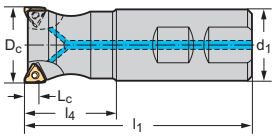




	P	M	K	N	S	H	O
M5137	●●	●●	●●		●●		

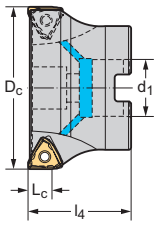
Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M5137-025-W25-03-05	25	25	40	96	5	3	0.3	3	TNMU11T304R
M5137-032-W32-04-05	32	32	40	101	5	4	0.53	4	
M5137-032-W32-05-05	32	32	40	101	5	5	0.53	5	



DIN 1835 B

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	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D2

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

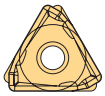
Assembly parts

	D_c [mm]	25–63
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0.9 Nm

Accessories

	D_c [mm]	25–63
	Torque screwdriver, analog	FS2001
	Interchangeable blade	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	TNMU11T304R-G27	M	6	0.4	1	☺	😐	😐	☹	☹	😐	☹	☹	☹
	TNMU11T304R-G57	M	6	0.4	1	☺	😐	😐	☹	☹	😐	☹	☹	☹

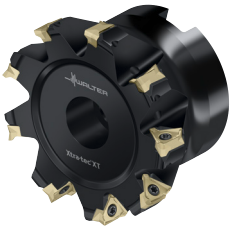
HC = Coated carbide

Shoulder milling cutters

M5137 inch

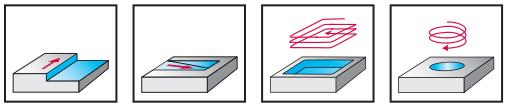
TNMU11T304R

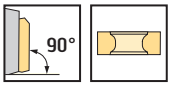
Xtra·tec® XT





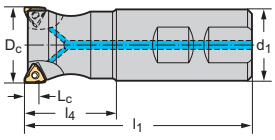
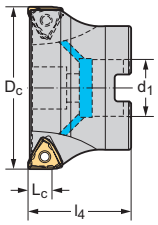
– 6 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5137	●●	●●	●●		●●		

Tool

	Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
 DIN 1835 B	★ M5137.026-W26-03-05	1.000	1.000	1.181	0.197	3	0.011	3	TNMU11T304R
	★ M5137.031-W31-04-05	1.250	1.250	1.181	0.197	4	0.018	4	
	★ M5137.031-W31-05-05	1.250	1.250	1.181	0.197	5	0.018	5	
 Shell mill mount DIN 138 transverse keyway	★ M5137.038-B19-05-05	1.500	0.750	1.500	0.197	5	0.006	5	TNMU11T304R
	★ M5137.038-B19-06-05	1.500	0.750	1.500	0.197	6	0.006	6	
	★ M5137.051-B19-06-05	2.000	0.750	1.500	0.197	6	0.013	6	
	★ M5137.051-B19-08-05	2.000	0.750	1.500	0.197	8	0.013	8	
	★ M5137.064-B26-07-05	2.500	1.000	1.500	0.197	7	0.032	7	
	★ M5137.064-B26-09-05	2.500	1.000	1.500	0.197	9	0.02	9	

Bodies and assembly parts are included in the scope of delivery

D 2

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

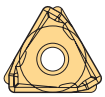
Assembly parts

	D_c [inch]	1–1.25	1.5–2	2.5
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 8 in lbs	FS2061 (T7IP) 8 in lbs	FS2061 (T7IP) 8 in lbs
	Clamping screw for arbor-mounted tools		FS1518	FS1519

Accessories

	D_c [inch]	1–2.5
	Torque screwdriver, analog	FS2002
	Interchangeable blade	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	TNMU11T304R-G27	M	6	0.4	1	●	●	●	●	●	●	●	●	●
	TNMU11T304R-G57	M	6	0.4	1	●	●	●	●	●	●	●	●	●

HC = Coated carbide

D2

Shoulder milling cutters

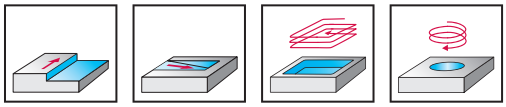
M5137 mm

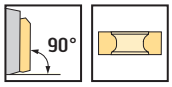
TNMU160508R

Xtra·tec® XT



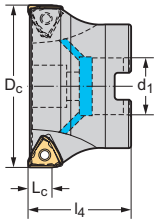
– 6 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5137	●●	●●	●●		●●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M5137-050-B22-04-08	50	22	40	8	4	0.26	4	TNMU160508R
M5137-050-B22-05-08	50	22	40	8	5	0.25	5	
M5137-063-B22-05-08	63	22	40	8	5	0.45	5	
M5137-063-B22-07-08	63	22	40	8	7	0.42	7	
M5137-080-B27-07-08	80	27	50	8	7	0.94	7	
M5137-080-B27-09-08	80	27	50	8	9	0.94	9	
M5137-100-B32-08-08	100	32	50	8	8	1.63	8	
M5137-100-B32-11-08	100	32	50	8	11	1.62	11	

Bodies and assembly parts are included in the scope of delivery

D 2

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

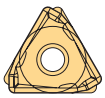
Assembly parts

	D_c [mm]	50–100
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 2 Nm

Accessories

	D_c [mm]	50–100
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	TNMU160508R-G27	M	6	0.8	1.6	●	●	●	●	●	●	●	●	●
	TNMU160508R-G57	M	6	0.8	1.6	●	●	●	●	●	●	●	●	●

HC = Coated carbide

Shoulder milling cutters

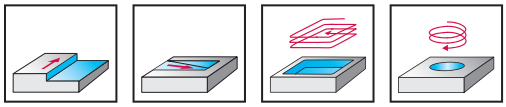
M5137 inch

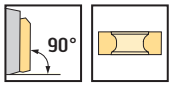
TNMU160508R

Xtra·tec® XT



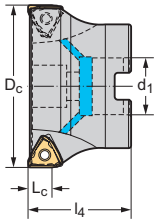
– 6 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5137	●●	●●	●●		●●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M5137.051-B19-04-08	2.000	0.750	1.500	0.315	4	0.011	4	TNMU160508R
★ M5137.051-B19-05-08	2.000	0.750	1.500	0.315	5	0.011	5	
M5137.064-B26-05-08	2.500	1.000	1.500	0.315	5	0.019	5	
★ M5137.064-B26-07-08	2.500	1.000	1.500	0.315	7	0.018	7	
M5137.076-B26-07-08	3.000	1.000	2.000	0.315	7	0.032	7	
★ M5137.076-B26-09-08	3.000	1.000	2.000	0.315	9	0.031	9	
M5137.102-B38-08-08	4.000	1.500	2.500	0.315	8	0.098	8	
★ M5137.102-B38-11-08	4.000	1.500	2.500	0.315	11	0.097	11	

Bodies and assembly parts are included in the scope of delivery

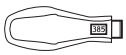
D 2

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

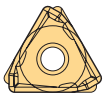
Assembly parts

	D_c [inch]	2	2.5–3	4
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 18 in lbs	FS2079 (T9IP) 18 in lbs	FS2079 (T9IP) 18 in lbs
	Clamping screw for arbor-mounted tools	FS1518	FS1519	FS1583

Accessories

	D_c [inch]	2–4
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

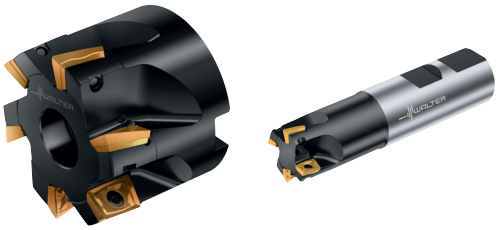
	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G
	TNMU160508R-G27	M	6	0.8	1.6	●	●	●	●	●	●	●	●	●
	TNMU160508R-G57	M	6	0.8	1.6	●	●	●	●	●	●	●	●	●

HC = Coated carbide

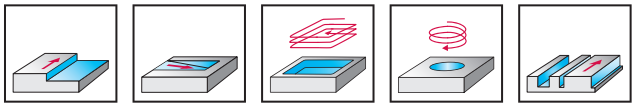
D2

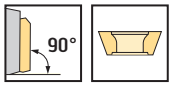
Shoulder milling cutters

M4130 mm



– 2 cutting edges per indexable insert

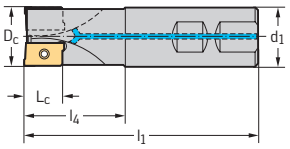




	P	M	K	N	S	H	O
M4130	●●	●●	●●		●●		

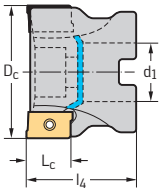
Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
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



DIN 1835 B

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
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	0.3	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	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

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

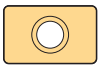
Assembly parts

	D_c [mm]	16–25	32–40	50–80
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	16–25	32–40	50–80
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSP45G	S HC WSP45S
	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	●	●	●	■	■	●	■	■	●		●	■	■	●	■	■
	LDMT170412R-D51	M	2	1.2	1.6		●	●	■	■		■	■				■	■		■	■
	LDMW170408R-A57	M	2	0.8	1.6	●	■	■								●	■	■			
	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	●	■	■								●	■	■			

HC = Coated carbide

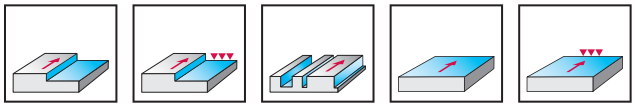
D2

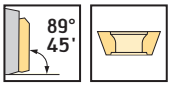
Shoulder milling cutters

M4132 mm



– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4132	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit									
M4132-016-T14-02-06	16	T14	25		5.6	2	0.04	2	SD .. 06T2 .. SDGT06T2PDR
M4132-020-T18-02-06	20	T18	30		5.6	2	0.07	2	
M4132-020-T18-03-06	20	T18	30		5.6	3	0.07	3	
M4132-025-T22-02-09	25	T22	35		8.4	2	0.12	2	SD .. 09T3 .. SDGT09T3PDR
M4132-025-T22-03-06	25	T22	35		5.6	3	0.11	3	SD .. 06T2 .. SDGT06T2PDR
M4132-025-T22-04-06	25	T22	35		5.6	4	0.13	4	
M4132-032-T28-03-09	32	T28	40		8.4	3	0.21	3	SD .. 09T3 .. SDGT09T3PDR
M4132-040-T36-04-09	40	T36	40		8.4	4	0.36	4	
M4132-050-T45-06-09	50	T45	40		8.4	6	0.37	6	
Cylindrical modular									
M4132-016-TC08-02-06	16	M8	25		5.6	2	0.03	2	SD .. 06T2 .. SDGT06T2PDR
M4132-020-TC10-02-06	20	M10	30		5.6	2	0.06	2	
M4132-020-TC10-03-06	20	M10	30		5.6	3	0.06	3	
M4132-025-TC12-02-09	25	M12	35		8.4	2	0.1	2	SD .. 09T3 .. SDGT09T3PDR
M4132-025-TC12-03-06	25	M12	35		5.6	3	0.1	3	SD .. 06T2 .. SDGT06T2PDR
M4132-025-TC12-04-06	25	M12	35		5.6	4	0.1	4	
M4132-032-TC16-02-09	32	M16	40		8.4	2	0.2	2	SD .. 09T3 .. SDGT09T3PDR
M4132-032-TC16-03-09	32	M16	40		8.4	3	0.18	3	
Shell mill mount DIN 138 transverse keyway									
M4132-040-B16-04-09	40	16	40		8.4	4	0.22	4	SD .. 09T3 .. SDGT09T3PDR
M4132-040-B16-05-09	40	16	40		8.4	5	0.22	5	
M4132-050-B22-04-09	50	22	40		8.4	4	0.33	4	
M4132-050-B22-04-12	50	22	40		11.6	4	0.26	4	SD .. 1204 .. SDGT1204PDR
M4132-050-B22-05-12	50	22	40		11.6	5	0.29	5	
M4132-050-B22-06-09	50	22	40		8.4	6	0.33	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	0.57	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	

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

Assembly parts

	D_c [mm]	100–125	16–20	25–80
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	100–125	16–20	25–80
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G
	SDGT09T3PDR-D57	G	4	0.8	1.2	●	●	●	●	●		●			●	●	●				●		●
	SDGW09T304-A88	G	1	0.4														●					
	SDGT1204PDR-D57	G	4	0.8	1.6	●	●	●	●	●		●			●	●	●				●		●
	SDGW120408-A88	G	1	0.8														●					
	SDGT06T2PDR-D57	G	4	0.4	1.2	●	●	●	●	●		●			●	●	●				●		●
	SDHT09T304-G88	H	4	0.4															●	●			
	SDHT09T308-G88	H	4	0.8															●	●			
	SDMT09T304-F57	M	4	0.4			●	●	●			●				●	●						●
	SDMT09T308-D51	M	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			●	●	●	●		●		●		●	●				●		●
	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			●	●	●	●		●		●		●	●				●		●
	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		●	●	●							●	●	●						

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.

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

D2

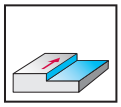
Shoulder milling cutters

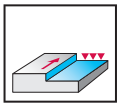
M4132 mm

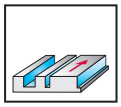


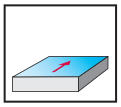


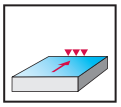
– 4 cutting edges per indexable insert

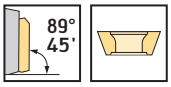






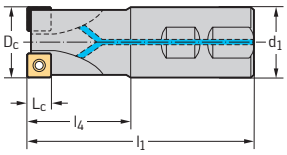






	P	M	K	N	S	H	O
M4132	●●	●●	●●	●●	●●	●	●

Tool



DIN 1835 B

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M4132-016-W16-02-06	16	16	31	80	5.6	2	0.12	2	SD .. 06T2 .. SDGT06T2PDR
M4132-020-W20-02-06	20	20	39	90	5.6	2	0.2	2	
M4132-020-W20-03-06	20	20	39	90	5.6	3	0.2	3	
M4132-025-W25-02-09	25	25	43	100	8.4	2	0.35	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	0.6	3	
M4132-040-W40-04-09	40	40	49	120	8.4	4	1.07	4	

D 2

Assembly parts

	D_c [mm]	100–125	16–20	25–80
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	100–125	16–20	25–80
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G
	SDGT09T3PDR-D57	G	4	0.8	1.2	●	●	●	●	●		●			●	●	●				●		●
	SDGW09T304-A88	G	1	0.4														●					
	SDGT1204PDR-D57	G	4	0.8	1.6	●	●	●	●	●		●			●	●	●				●		●
	SDGW120408-A88	G	1	0.8														●					
	SDGT06T2PDR-D57	G	4	0.4	1.2	●	●	●	●	●		●			●	●	●				●		●
	SDHT09T304-G88	H	4	0.4															●	●			
	SDHT09T308-G88	H	4	0.8															●	●			
	SDMT09T304-F57	M	4	0.4			●	●	●			●				●	●						●
	SDMT09T308-D51	M	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			●	●	●	●		●		●		●	●				●		●
	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			●	●	●	●		●		●		●	●				●		●
	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		●	●	●							●	●	●						

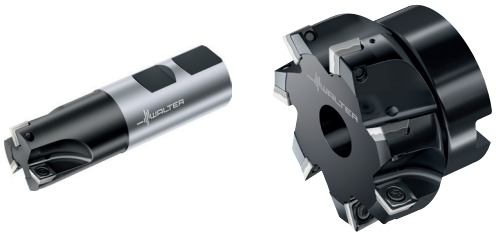
SD..06T2.. : If the corner radius r is greater than 0.4 mm, the corner area of the body must be reworked.
SD..09T3.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.
SD..1204.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.

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

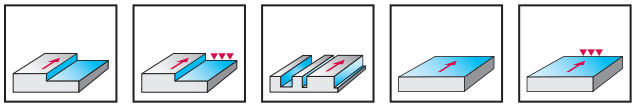
D2

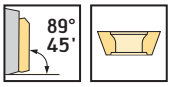
Shoulder milling cutters

M4132 inch



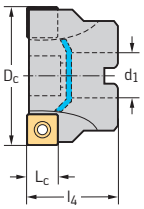
– 4 cutting edges per indexable insert





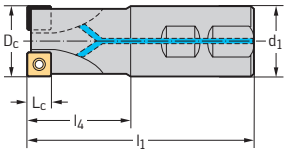
	P	M	K	N	S	H	O
M4132	●●	●●	●●	●●	●●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M4132.038-B13-05-09	1.500	0.500	1.575		0.331	5	0.001	5	SD .. 09T3 .. SDGT09T3PDR
M4132.051-B19-04-12	2.000	0.750	1.500		0.457	4	0.014	4	SD .. 1204 .. SDGT1204PDR
M4132.051-B19-06-09	2.000	0.750	1.575		0.331	6	0.002	6	SD .. 09T3 .. SDGT09T3PDR
M4132.064-B26-05-12	2.500	1.000	1.575		0.457	5	0.020	5	SD .. 1204 .. SDGT1204PDR
M4132.064-B26-07-09	2.500	1.000	1.575		0.331	7	0.003	7	SD .. 09T3 .. SDGT09T3PDR
M4132.076-B26-06-12	3	1.000	1.969		0.457	6	0.036	6	SD .. 1204 .. SDGT1204PDR
M4132.076-B26-08-09	3.000	1.000	1.969		0.331	8	0.041	8	SD .. 09T3 .. SDGT09T3PDR



DIN 1835 B

M4132.015-W15-02-06	0.625	0.625	0.945	2.851	0.22	2	0.004	2	SD .. 06T2 .. SDGT06T2PDR
M4132.019-W19-03-06	0.750	0.750	0.945	2.976	0.22	3	0.006	3	
M4132.026-W26-02-09	1.000	1.000	1.339	3.622	0.331	2	0.001	2	SD .. 09T3 .. SDGT09T3PDR
M4132.031-W31-03-09	1.250	1.250	1.417	3.701	0.331	3	0.002	3	

D 2

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

Assembly parts

	D_c [inch]	0.62–0.75	1–1.25	1.5	2	2.5–3	3
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 8 in lbs	FS2266 (T10IP) 18 in lbs	FS2266 (T10IP) 18 in lbs	FS1453 (T15IP) 31 in lbs	FS1453 (T15IP) 31 in lbs	FS2266 (T10IP) 18 in lbs
	Clamping screw for arbor-mounted tools			FS1597	FS1523	FS1519	FS1519

Accessories

	D_c [inch]	0.62–0.75	1–3	2–3
	Torque screwdriver, analog	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 mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G
	SDGT09T3PDR-D57	G	4	0.8	1.2	●	●	●	●	●		●			●	●	●				●		●
	SDGW09T304-A88	G	1	0.4														●					
	SDGT1204PDR-D57	G	4	0.8	1.6	●	●	●	●	●		●			●	●	●				●		●
	SDGW120408-A88	G	1	0.8														●					
	SDGT06T2PDR-D57	G	4	0.4	1.2	●	●	●	●	●		●			●	●	●				●		●
	SDHT09T304-G88	H	4	0.4															●	●			
	SDHT09T308-G88	H	4	0.8															●	●			
	SDMT09T304-F57	M	4	0.4			●	●	●			●				●	●						●
	SDMT09T308-D51	M	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			●	●	●	●		●		●		●	●				●		●
	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			●	●	●	●		●		●		●	●				●		●
	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		●	●	●							●	●	●						

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.

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

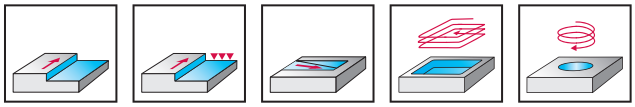
D2

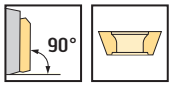
Ramping milling cutters

M2131 mm



– For pocket machining
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M2131				●●			●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_{16} mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit										
M2131-025-T22-02-15	25	T22	45			15	2	0.12	2	ZD .. 1504 ..
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 .. 2005 ..
M2131-032-T28-03-15	32	T28	50			15	3	0.21	3	ZD .. 1504 ..
M2131-040-T36-02-20	40	T36	50			20	2	0.35	2	ZD .. 2005 ..
M2131-040-T36-03-15	40	T36	50			15	3	0.39	3	ZD .. 1504 ..
Cylindrical shank										
M2131-025-A20-02-15-S	25	20	40		110	15	2	0.25	2	ZD .. 1504 ..
M2131-025-A25-02-15-L	25	25	40		150	15	2	0.53	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 .. 2005 ..
M2131-032-A25-03-15-L	32	25	40		175	15	3	0.62	3	ZD .. 1504 ..
M2131-032-A32-02-15-L	32	32	50		175	15	2	0.97	2	
M2131-032-A32-02-20-L	32	32	50		175	20	2	0.93	2	ZD .. 2005 ..
M2131-032-A32-03-15-L	32	32	50		175	15	3	0.96	3	ZD .. 1504 ..
HSK DIN 69893-1 A										
M2131-025-H63-02-15	25	63	110	60		15	2	1	2	ZD .. 1504 ..
M2131-032-H63-02-15	32	63	110	65		15	2	1.05	2	
M2131-040-H63-02-20	40	63	110	65		20	2	1.22	2	ZD .. 2005 ..
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 .. 1504 ..
M2131-050-H80-03-20-D	50	80	110	80		20	3	1.89	3	ZD .. 2005 ..
Shell mill mount DIN 138 transverse keyway										
M2131-040-B16-03-15	40	16	50			15	3	0.27	3	ZD .. 1504 ..
M2131-050-B22-03-20	50	22	60			20	3	0.44	3	ZD .. 2005 ..
M2131-050-B22-04-15	50	22	50			15	4	0.38	4	ZD .. 1504 ..
M2131-063-B22-04-20	63	22	50			20	4	0.52	4	ZD .. 2005 ..
M2131-063-B22-05-15	63	22	50			15	5	0.61	5	ZD .. 1504 ..
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

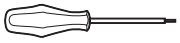
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

D 2

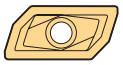
Assembly parts

	D_c [mm]	25–32	40	50	63	80
	Clamping screw for indexable insert Tightening torque	FS1222 (T15IP) 3.5 Nm	FS1453 (T15IP) 3.5 Nm	FS2281 (T20IP) 5 Nm	FS2281 (T20IP) 5 Nm	FS1453 (T15IP) 3.5 Nm
	Clamping screw for arbor-mounted tools		M08X040 ISO4762 12.9 (SW 6)	M10X040 ISO4762 12.9 (SW 8)	M10X035 ISO4762 12.9 (SW 8)	M12X040 ISO4762 12.9

Accessories

	D_c [mm]	25–80	50–63
	Torque screwdriver, analog	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 WNN15	N HC WXN15	N HW WK10
	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	●	●	●
	ZDGT150425R-K85	G	2	2.5	1.2	●	●	●
	ZDGT150430R-K85	G	2	3	1.2	●	●	●
	ZDGT150440R-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			●

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:

HC = Coated carbide
HW = Uncoated carbide

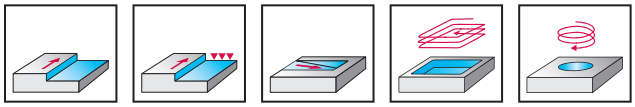
D2

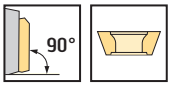
Ramping milling cutters

M2131 inch



– For pocket machining
– 2 cutting edges per indexable insert

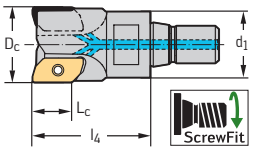




	P	M	K	N	S	H	O
M2131				●●			●

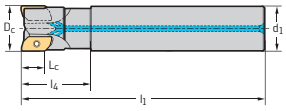
Tool

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M2131.026-T22-02-15	1.000	T22	1.752		0.591	2	0.000	2	ZD .. 1504 ..
M2131.031-T28-02-15	1.250	T28	2.000		0.591	2	0.009	2	
M2131.031-T28-03-15	1.250	T28	2.000		0.591	3	0.008	3	
M2131.038-T36-03-15	1.500	T36	2.000		0.591	3	0.015	3	



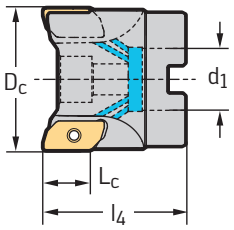
ScrewFit

M2131.026-A26-02-15-L	1.000	1.000	1.500	6.000	0.591	2	0.021	2	ZD .. 1504 ..
M2131.031-A26-02-15-L	1.250	1.000	1.500	7.000	0.591	2	0.026	2	
M2131.031-A26-03-15-L	1.250	1.000	1.500	7.000	0.591	3	0.025	3	
M2131.038-A31-03-15-L	1.500	1.250	2.252	7.000	0.591	3	0.042	3	



Cylindrical shank

M2131.051-B19-03-20	2.000	0.750	2.000		0.787	3	0.014	3	ZD .. 2005 ..
M2131.051-B19-04-15	2.000	0.750	2.000		0.591	4	0.016	4	ZD .. 1504 ..
M2131.064-B26-04-20	2.500	1.000	2.000		0.787	4	0.019	4	ZD .. 2005 ..
M2131.064-B26-05-15	2.500	1.000	2.000		0.591	5	0.021	5	ZD .. 1504 ..
M2131.076-B26-05-15	3.000	1.000	2.000		0.591	5	0.037	5	
M2131.076-B26-05-20	3.000	1.000	2.000		0.787	5	0.032	5	ZD .. 2005 ..



Shell mill mount DIN 138 transverse keyway

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

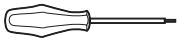
D 2

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

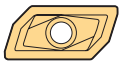
Assembly parts

	D_c [inch]	1–1.25	1.5	2	2.5	3
	Clamping screw for indexable insert Tightening torque	FS1222 (T15IP) 31 in lbs	FS1453 (T15IP) 31 in lbs	FS2281 (T20IP) 44 in lbs	FS2281 (T20IP) 44 in lbs	FS1453 (T15IP) 31 in lbs
	Clamping screw for arbor-mounted tools			FS1338	FS1340	FS1340

Accessories

	D_c [inch]	1–3	2–2.5
	Torque screwdriver, analog	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 mm	b mm	N HC WNN15	N HC WXN15	N HW WK10
	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	☺	☺	😐
	ZDGT150425R-K85	G	2	2.5	1.2	☺	☺	😐
	ZDGT150430R-K85	G	2	3	1.2	☺	☺	😐
	ZDGT150440R-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			😐

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:

HC = Coated carbide
HW = Uncoated carbide

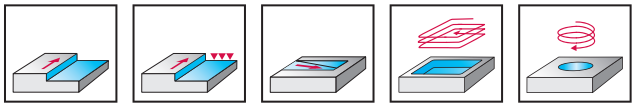
D2

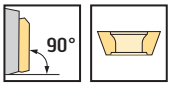
Ramping milling cutters

M2331 mm



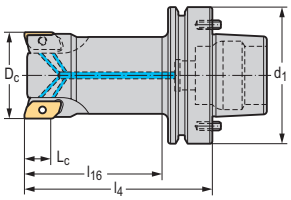
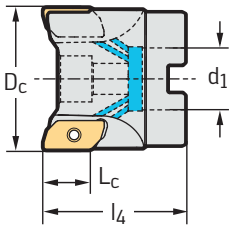
– For pocket machining
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
M2331				●●			●

Tool

	Designation	D_c mm	d_1 mm	l_4 mm	l_{16} mm	L_c mm	Z	kg	No. of inserts	Type
	M2331-050-H80F-04-15-MA	50	80	110	80	15	4	1.89	4	ZD .. 15A4 ..
	M2331-040-B16-03-15	40	16	50		15	3	0.22	3	ZD .. 15A4 ..
	M2331-050-B22-03-20	50	22	60		20	3	0.42	3	ZD .. 20A5 ..
	M2331-050-B22-04-15	50	22	50		15	4	0.34	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

D 2

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

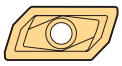
Assembly parts

	D_c [mm]	40	50
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm	FS2281 (T20IP) 5 Nm
	Clamping screw for arbor-mounted tools	M08X040 ISO4762 12.9 (SW 6)	M10X040 ISO4762 12.9 (SW 8)

Accessories

	D_c [mm]	40	50
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2015 (T20IP)
	Screwdriver	FS1485 (T15IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	N HW WMG40
	ZDGT15A404R-K85	G	2	0.4	1.2	●
	ZDGT15A408R-K85	G	2	0.8	1.2	●
	ZDGT15A412R-K85	G	2	1.2	1.2	●
	ZDGT15A416R-K85	G	2	1.6	1.2	●
	ZDGT15A420R-K85	G	2	2	1.2	●
	ZDGT15A430R-K85	G	2	3	1.2	●
	ZDGT15A440R-K85	G	2	4	1.2	●
	ZDGT20A508R-K85	G	2	0.8	1.2	●
	ZDGT20A516R-K85	G	2	1.6	1.2	●
	ZDGT20A520R-K85	G	2	2	1.2	●
	ZDGT20A530R-K85	G	2	3	1.2	●
	ZDGT20A540R-K85	G	2	4	1.2	●
	ZDGT20A550R-K85	G	2	5	1.2	●

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:

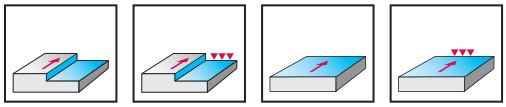
HW = Uncoated carbide

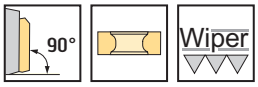
Close pitch cutter
M2136 mm
SNEF120408R; SNEX1204PN ..





– 8 cutting edges per indexable insert
– Axial repositioning not possible

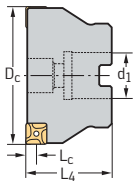




	P	M	K	N	S	H	O
M2136			●●				

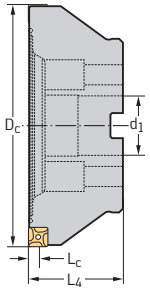
Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
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	1.2	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	



Shell mill mount DIN 138 transverse keyway

M2136-160-B40-24-06	160	40	63	6.5	24	6.05	24	SNEF120408R SNEX1204PN ..



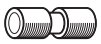
Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

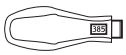
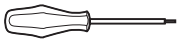
D 2

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

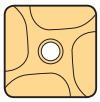
Assembly parts

	D_c [mm]	50–160
	Clamping wedge	FK377
	Clamping screw for clamping wedge Tightening torque	FS2185 (T10IP) 4 Nm

Accessories

	D_c [mm]	50–160
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2268 (T10IP)
	Screwdriver	FS2267 (T10IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP35G	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	H HC WHH15
	SNEF120408R-B67	E	8	0.8	2.1	☹			☹	☹	☹	
	SNEX1204PNN-A27	E	4	1.2	10.3		☺	☺				☺
	SNEX1204PNR-B67	E	4	0.8	10.8		☺	☺				☺

HC = Coated carbide

D2

Shoulder milling cutters

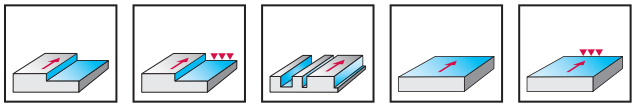
F5041 mm

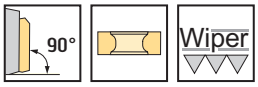
LNH . 0904 .. R

Walter BLAXX



– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F5041	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit									
F5041.T22.025.Z03.08	25	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	1.53	5	
Shell mill mount DIN 138 transverse keyway									
F5041.B16.040.Z04.08	40	16	40		8	4	0.45	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	

Balanced construction
Bodies and assembly parts are included in the scope of delivery

D 2

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

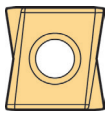
Assembly parts

	D_c [mm]	25–63
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm

Accessories

	D_c [mm]	25–63
	Torque screwdriver, analog	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
						WHH15	WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WXM15	WSM35S	WSM45X	WSP45G	WSP45S	WXM15	WAK15	WHH15	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35S	WSM45X	WSP45G	WSP45S	WHH15
	LNHU090404R-L55T	H	4	0.4	1.5		●	●	●	●			●		●			●		●	●	●	●				●		●		
	LNHU090404R-L65T	H	4	0.4	1.5					●					●														●		
	LNHU090404R-L85T	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				●	●	●	●		●		●	●						●	●				●		●	●	
	LNMU090404R-L55T	M	4	0.4	1.5		●	●	●	●				●	●					●	●	●	●					●	●		
	LNHX0904PDR-L55T	H	2	0.4	3.5	●						●					●	●	●					●							●

LNHX0904PDR-L55T wiper insert only in combination with LNHU090404R-L55T . .
Do not use the LNHX0904PDR-L55T wiper insert in tools D_C=25 mm.

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

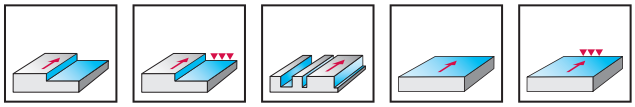
F5041 inch

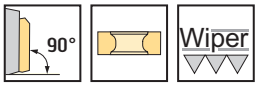
LNH . 0904 .. R

Walter BLAXX



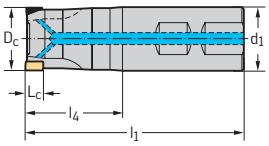
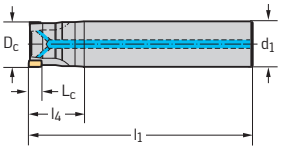
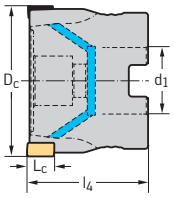
– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F5041	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 DIN 1835 B	F5041.UW26.026.Z03.08	1.000	1.000	1.719	4.000	0.315	3	0.014	3	LNH . 0904 .. R
	F5041.UW31.031.Z04.08	1.250	1.250	1.719	4.000	0.315	4	0.022	4	
 Cylindrical shank	F5041.UZ26.026.Z03.08	1.000	1.000	1.97	8.000	0.315	3	0.029	3	LNH . 0904 .. R
 Shell mill mount DIN 138 transverse keyway	F5041.UB19.051.Z05.08	2.000	0.750	1.575		0.315	5	0.024	5	LNH . 0904 .. R

Balanced construction
Screwdriver included in the scope of delivery

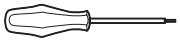
D 2

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

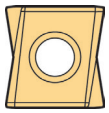
Assembly parts

	D_c [inch]	1–1.25	2
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 18 in lbs	FS1457 (T9IP) 18 in lbs
	Clamping screw for arbor-mounted tools		FS1518

Accessories

	D_c [inch]	1–2
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S	H HC WHH15
	LNHU090404R-L55T	H	4	0.4	1.5		●	●	●	●			●		●			●		●	●	●	●				●		●		
	LNHU090404R-L65T	H	4	0.4	1.5					●					●														●		
	LNHU090404R-L85T	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				●	●	●	●		●		●	●						●	●				●		●	●	
	LNMU090404R-L55T	M	4	0.4	1.5		●	●	●	●				●	●					●	●	●	●					●	●		
	LNHX0904PDR-L55T	H	2	0.4	3.5	●						●					●	●	●					●							●

LNHX0904PDR-L55T wiper insert only in combination with LNHU090404R-L55T . .
Do not use the LNHX0904PDR-L55T wiper insert in tools D_C=25 mm.

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

F5141 mm

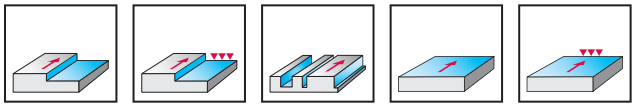
LNH . 1306 .. R

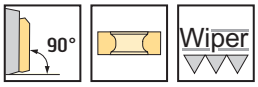
Walter BLAXX





– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F5141	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit									
F5141.T36.040.Z05.12	40	T36	40		12	5	0.36	5	LNH . 1306 .. R
F5141.T45.050.Z06.12	50	T45	40		12	6	0.51	6	
DIN 1835 B									
F5141.W32.040.Z03.12	40	32	49	110	12	3	0.69	3	LNH . 1306 .. R
F5141.W32.040.Z05.12	40	32	49	110	12	5	0.74	5	
Cylindrical shank									
F5141.Z32.040.Z03.12	40	32	44	250	12	3	1.57	3	LNH . 1306 .. R
Shell mill mount DIN 138 transverse keyway									
F5141.B16.040.Z04.12	40	16	40		12	4	0.33	4	LNH . 1306 .. R
F5141.B16.040.Z05.12	40	16	40		12	5	0.33	5	
F5141.B22.050.Z05.12	50	22	40		12	5	0.35	5	
F5141.B22.050.Z06.12	50	22	40		12	6	0.53	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	

Balanced construction
Bodies and assembly parts are included in the scope of delivery

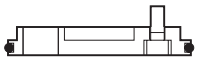
D2

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

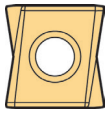
Assembly parts

	D_c [mm]	40–160
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm

Accessories

	D_c [mm]	40–125	160
	Torque screwdriver, analog	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 COMPLETE SET
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S	H HC WHH15
	LNHU130608R-L55T	H	4	0.8	2.2		☺	😐	😐	😣			😐		😣			☺		😐	😐	😣	😣				😐		😣		
	LNHU130608R-L65T	H	4	0.8	2.2					😣					😣														😣		
	LNHU130608R-L85T	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				😐	😐	😣	😣		😐		😣	😣						😣	😣				😐		😣	😣	
	LNMU130608R-L55T	M	4	0.8	2.2		☺	😐	😐	😣				😣	😣					😐	😐	😣	😣					😣	😣		
	LNHX130608R-L55T	H	4	0.8	2.2	☺						☺					☺	☺	☺					☺							☺
	LNHX1306PDR-L55T	H	2	0.6	5	☺						☺					☺	☺	☺					☺							☺

LNHX130608R-L55T wiper insert only in combination with LNHU130608R-L55T . .
LNHX1306PDR-L55T wiper insert only in combination with LNHU130608R-L55T . .
Do not use the LNHX1306..R-L55T wiper insert in tools D_C=40 mm.

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

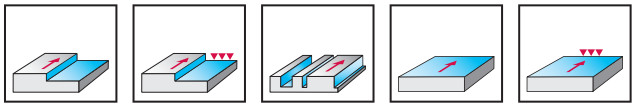
F5141 mm

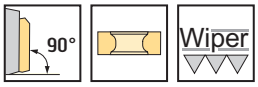
LNH . 1306 .. R

Walter BLAXX



– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert

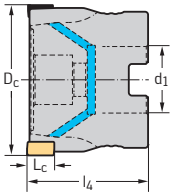




	P	M	K	N	S	H	O
F5141	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
F5141.B40.160.Z13.12	160	40	63		12	13	5.38	13	LNH . 1306 .. R



Shell mill mount DIN 138 transverse keyway

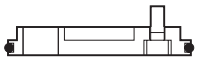
Balanced construction
Bodies and assembly parts are included in the scope of delivery

D2

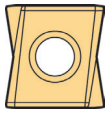
Assembly parts

	D_c [mm]	40–160
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm

Accessories

	D_c [mm]	40–125	160
	Torque screwdriver, analog	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 COMPLETE SET
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S	H HC WHH15
	LNHU130608R-L55T	H	4	0.8	2.2		●	●	●	●			●		●			●		●	●	●	●				●		●		
	LNHU130608R-L65T	H	4	0.8	2.2					●					●														●		
	LNHU130608R-L85T	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				●	●	●	●		●		●	●						●	●				●		●	●	
	LNMU130608R-L55T	M	4	0.8	2.2		●	●	●	●				●	●					●	●	●	●					●	●		
	LNHX130608R-L55T	H	4	0.8	2.2	●						●					●	●	●					●							●
	LNHX1306PDR-L55T	H	2	0.6	5	●						●					●	●	●					●							●

LNHX130608R-L55T wiper insert only in combination with LNHU130608R-L55T . .
LNHX1306PDR-L55T wiper insert only in combination with LNHU130608R-L55T . .
Do not use the LNHX1306..R-L55T wiper insert in tools D_C=40 mm.

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

F5141 inch

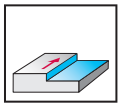
LNH . 1306 .. R

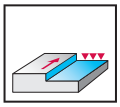
Walter BLAXX

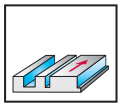


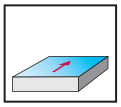


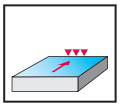
– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert

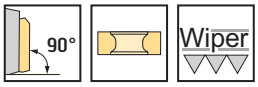




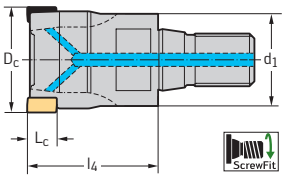
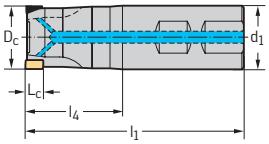
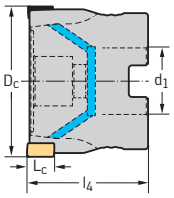
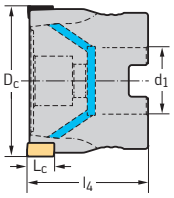








	P	M	K	N	S	H	O
F5141	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 ScrewFit	F5141.UT36.038.Z04.12	1.500	T36	1.575		0.472	4	0.013	4	LNH . 1306 .. R
 DIN 1835 B	F5141.UW38.038.Z04.12	1.500	1.500	1.812	4.500	0.472	4	0.036	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	0.02	5	LNH . 1306 .. R
	F5141.UB26.064.Z06.12	2.500	1.000	1.575		0.472	6	0.032	6	
	F5141.UB26.076.Z07.12	3.000	1.000	1.969		0.472	7	0.052	7	
	F5141.UB31.102.Z09.12	4.000	1.250	1.969		0.472	9	0.105	9	
	F5141.UB38.102.Z09.12	4.000	1.500	2.480		0.472	9	0.135	9	
	F5141.UB38.127.Z11.12	5.000	1.500	2.480		0.472	11	0.181	11	
 Shell mill mount DIN 138 transverse keyway	F5141.UB38.152.Z13.12	6.000	1.500	2.480		0.472	13	0.238	13	LNH . 1306 .. R

Screwdriver included in the scope of delivery
Bodies and assembly parts are included in the scope of delivery

D 2

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

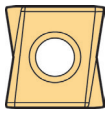
Assembly parts

	D_c [inch]	1.5	2	2.5	3	4	5–6
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 35 in lbs	FS2081 (T15IP) 35 in lbs	FS2081 (T15IP) 35 in lbs	FS2081 (T15IP) 35 in lbs	FS2081 (T15IP) 35 in lbs	FS2081 (T15IP) 35 in lbs
	Clamping screw for arbor-mounted tools		FS1518	FS1586	FS1519	FS1339	FS1583

Accessories

	D_c [inch]	1.5–6
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S	H HC WHH15
	LNHU130608R-L55T	H	4	0.8	2.2		☺	☹	☹	☹			☹		☹			☺		☹	☹	☹	☹				☹		☹		
	LNHU130608R-L65T	H	4	0.8	2.2					☹					☹														☹		
	LNHU130608R-L85T	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				☹	☹	☹	☹		☹		☹	☹						☹	☹				☹		☹	☹	
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	LNHX130608R-L55T	H	4	0.8	2.2	☺						☺					☺	☺	☺					☺							☺
	LNHX1306PDR-L55T	H	2	0.6	5	☺						☺					☺	☺	☺					☺							☺

LNHX130608R-L55T wiper insert only in combination with LNHU130608R-L55T . .
LNHX1306PDR-L55T wiper insert only in combination with LNHU130608R-L55T . .
Do not use the LNHX1306..R-L55T wiper insert in tools D_C=40 mm.

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

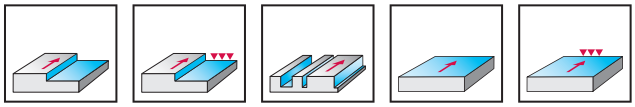
F5241 mm

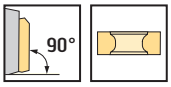
LNHU1607 .. R

Walter BLAXX



– Tangential arrangement of indexable inserts
– 4 cutting edges per indexable insert

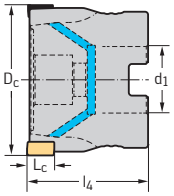




	P	M	K	N	S	H	O
F5241	●●	●●	●●	●●	●●	●	●

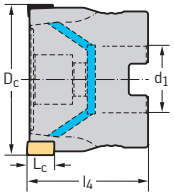
Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F5241.B22.050.Z05.15	50	22	40	15	5	0.45	5	LNHU1607 .. R
F5241.B22.063.Z06.15	63	22	40	15	6	0.7	6	
F5241.B27.080.Z07.15	80	27	50	15	7	1.27	7	
F5241.B32.100.Z08.15	100	32	50	15	8	2.61	8	
F5241.B40.125.Z10.15	125	40	63	15	10	4.21	10	



Shell mill mount DIN 138 transverse keyway

F5241.B40.160.Z12.15	160	40	63	15	12	5.4	12	LNHU1607 .. R



Shell mill mount DIN 138 transverse keyway

Balanced construction

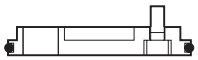
D2

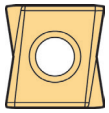
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Assembly parts

	D_c [mm]	63–160	50
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm	FS2112 (T20IP) 5 Nm

Accessories

	D_c [mm]	50–125	160
	Torque screwdriver, analog	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 COMPLETE SET
	Gasket		O-R 96X4

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSP45G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HW WK10	S HC WSM35S	S HC WSP45G
	LNHU160708R-L55T	H	4	0.8	2.3	●	●	●	●	●	●	●	●	●	●		●	●
	LNHU160708R-L85T	H	4	0.8	2.3											●		
	LNHU160712R-L55T	H	4	1.2	1.9		●	●	●		●			●	●			●
	LNHU160716R-L55T	H	4	1.6	1.6				●		●							●

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

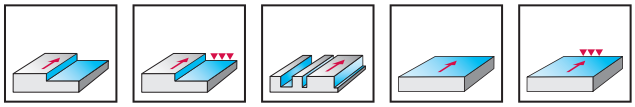
F4041 mm

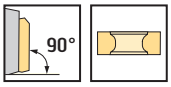
LNGX1307 .. R

Xtra·tec®



– 4 cutting edges per indexable insert

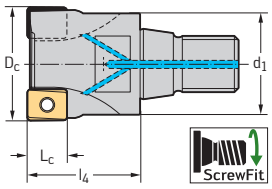




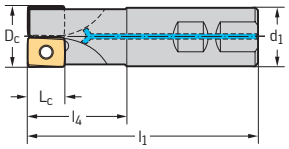
	P	M	K	N	S	H	O
F4041	●●	●●	●●	●●	●●	●	●

Tool

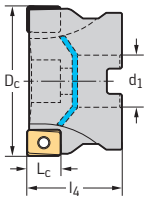
Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
F4041.T36.040.Z03.13	40	T36	40		13	3	0.33	3	LNGX1307 .. R
F4041.W32.040.Z03.13	40	32	49	110	13	3	0.68	3	LNGX1307 .. R
F4041.B16.040.Z03.13	40	16	40		13	3	0.39	3	LNGX1307 .. R
F4041.B22.050.Z03.13	50	22	40		13	3	0.43	3	
F4041.B22.050.Z04.13	50	22	40		13	4	0.36	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	



ScrewFit



DIN 1835 B



Shell mill mount DIN 138 transverse keyway

D 2

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

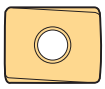
Assembly parts

	D_c [mm]	40–125
	Clamping screw for indexable insert Tightening torque	FS1458 (T15IP) 2.5 Nm

Accessories

	D_c [mm]	40–125
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	S HC WSP45S
	LNGX130708R-L55	G	4	0.8	1.2	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●
	LNGX130708R-L88	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	●	●	●								●	●	●					

If the corner radius r = 1.2 mm or above, the corner area of the body must be reworked.

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

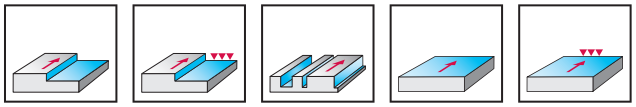
F4041 inch

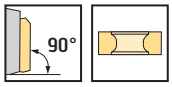
LNGX1307 .. R

Xtra·tec®



– 4 cutting edges per indexable insert

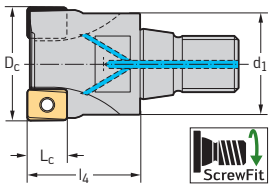




	P	M	K	N	S	H	O
F4041	●●	●●	●●	●●	●●	●	●

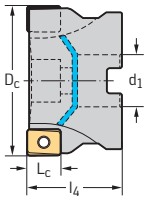
Tool

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
F4041.UT36.038.Z03.13	1.500	T36	1.575	0.512	3	0.013	3	LNGX1307 .. R



ScrewFit

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
F4041.UB19.051.Z04.13	2.000	0.750	1.575	0.512	4	0.021	4	LNGX1307 .. R
F4041.UB26.064.Z06.13	2.500	0.750	1.575	0.512	6	0.023	6	
F4041.UB26.076.Z07.13	3.000	1.000	1.969	0.512	7	0.044	7	
F4041.UB38.102.Z08.13	4.000	1.500	2.48	0.512	8	0.098	8	



Shell mill mount DIN 138 transverse keyway

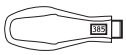
D 2

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

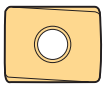
Assembly parts

	D_c [inch]	1.5	2	2.5	3	4
	Clamping screw for indexable insert Tightening torque	FS1458 (T15IP) 22 in lbs	FS1458 (T15IP) 22 in lbs	FS1458 (T15IP) 22 in lbs	FS1458 (T15IP) 22 in lbs	FS1458 (T15IP) 22 in lbs
	Clamping screw for arbor-mounted tools		FS1523	FS1586	FS1519	FS1583

Accessories

	D_c [inch]	1.5	2–4
	Torque screwdriver, analog		FS2004
	Torque screwdriver, digital		FS2248
	Interchangeable blade		FS2014 (T15IP)
	Screwdriver		FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	S HC WSP45S
	LNGX130708R-L55	G	4	0.8	1.2	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●
	LNGX130708R-L88	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	●	●	●								●	●	●					

If the corner radius r = 1.2 mm or above, the corner area of the body must be reworked.

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

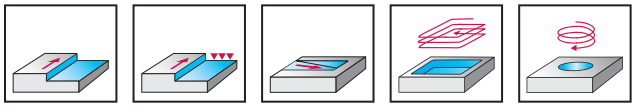
F4042R mm

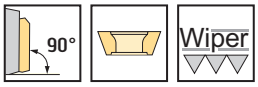
AD .. 10T3 .. R

Xtra·tec®



– 2 cutting edges per indexable insert
– Reinforced design

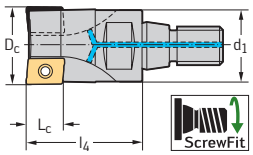




	P	M	K	N	S	H	O
F4042R	●●	●●	●●	●●	●●	●	●

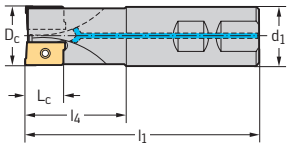
Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
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	



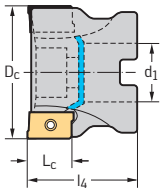
ScrewFit

F4042R.W32.032.Z05.10	32	32	30	110	10	5	0.62	5	AD .. 10T3 .. R



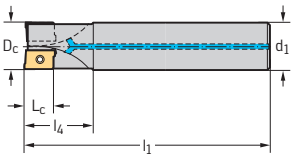
DIN 1835 B

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	0.64	6	



Shell mill mount DIN 138 transverse keyway

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	



Cylindrical shank

Balanced construction
Bodies and assembly parts are included in the scope of delivery

D 2

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

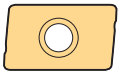
Assembly parts

	D_c [mm]	16–63
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1.2 Nm

Accessories

	D_c [mm]	16–63
	Torque screwdriver, analog	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	M HC WXM15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	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		◐	●	●	✕			●	✕	✕				◐	●	✕	✕				●	✕	✕	
	ADMT10T308R-G56	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			●		✕	✕		●	✕	✕	✕					✕					●	✕	✕	✕
	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.
ADGX10T3PER-F56 wiper insert only in combination with ADGT10T3PER-D67 or ADGT10T3PER-G77

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

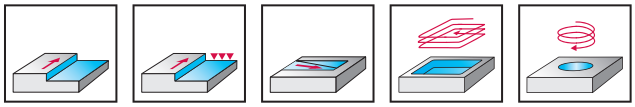
F4042R inch

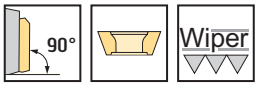
AD .. 10T3 .. R

Xtra·tec®



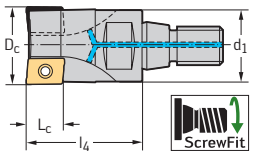
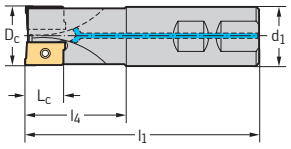
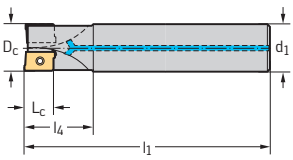
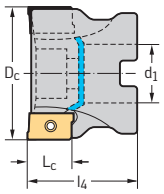
– 2 cutting edges per indexable insert
– Reinforced design





	P	M	K	N	S	H	O
F4042R	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 ScrewFit	F4042R.UT18.019.Z03.10	0.750	T18	1.181		0.394	3	0.002	3	AD .. 10T3 .. R
 DIN 1835 B	F4042R.UW15.015.Z02.10	0.625	0.625	1.024	2.929	0.394	2	0.000	2	AD .. 10T3 .. R
	F4042R.UW19.019.Z03.10	0.750	0.750	1.181	3.212	0.394	3	0.006	3	
	F4042R.UW26.026.Z03.10	1.000	1.000	1.181	3.462	0.394	3	0.012	3	
 Cylindrical shank	F4042R.UZ15.015.Z02.10	0.625	0.625	1.024	7.000	0.394	2	0.01	2	AD .. 10T3 .. R
	F4042R.UZ19.019.Z03.10	0.750	0.750	1.181	8.000	0.394	3	0.016	3	
 Shell mill mount DIN 138 transverse keyway	F4042R.UB19.051.Z05.10	2.000	0.750	1.575		0.394	5	0.017	5	AD .. 10T3 .. R

Bodies and assembly parts are included in the scope of delivery

D 2

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

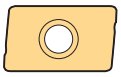
Assembly parts

	D_c [inch]	0.62–1	2
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 11 in lbs	FS1454 (T8IP) 11 in lbs
	Clamping screw for arbor-mounted tools		FS1523

Accessories

	D_c [inch]	0.62–2
	Torque screwdriver, analog	FS2002
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	M HC WXM15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	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		◐	●	●	■			●	■	■				●	●	■	■				●	■	■	
	ADMT10T308R-G56	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			●		■	■		●	■	■	■					■					●	■	■	■
	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.
ADGX10T3PER-F56 wiper insert only in combination with ADGT10T3PER-D67 or ADGT10T3PER-G77

HC = Coated carbide
HW = Uncoated carbide

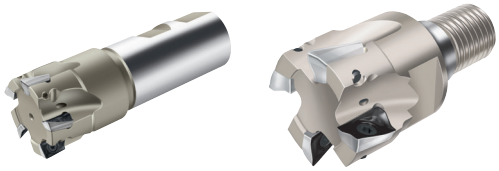
D2

Shoulder milling cutters

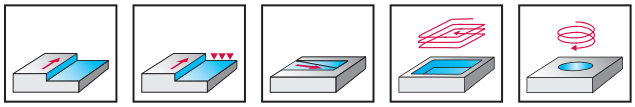
F4042 mm

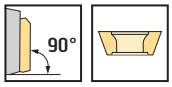
AD .. 0803 .. R

Xtra·tec®



– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4042	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit									
F4042.T14.016.Z02.08	16	T14	25		8	2	0.04	2	AD .. 0803 .. R
F4042.T18.020.Z03.08	20	T18	30		8	3	0.06	3	
F4042.T22.025.Z04.08	25	T22	35		8	4	0.11	4	
F4042.T28.032.Z04.08	32	T28	40		8	4	0.2	4	
F4042.T28.032.Z05.08	32	T28	40		8	5	0.2	5	
DIN 1835 B									
F4042.W16.010.Z01.08	10	16	31	80	8	1	0.1	1	AD .. 0803 .. R
F4042.W16.012.Z01.08	12	16	31	80	8	1	0.1	1	
F4042.W16.016.Z02.08	16	16	41	90	8	2	0.12	2	
F4042.W20.020.Z02.08	20	20	39	90	8	2	0.19	2	
F4042.W20.020.Z03.08	20	20	39	90	8	3	0.19	3	
F4042.W25.025.Z04.08	25	25	43	100	8	4	0.33	4	
F4042.W32.032.Z05.08	32	32	49	110	8	5	0.57	5	
Cylindrical shank									
F4042.Z16.010.Z01.08	10	16	31	160	8	1	0.22	1	AD .. 0803 .. R
F4042.Z16.012.Z01.08	12	16	31	160	8	1	0.23	1	
F4042.Z16.016.Z02.08	16	16	41	180	8	2	0.27	2	
F4042.Z16.018.Z02.08	18	16	41	180	8	2	0.27	2	
F4042.Z20.020.Z02.08	20	20	39	200	8	2	0.46	2	
F4042.Z20.020.Z03.08	20	20	39	200	8	3	0.45	3	
F4042.Z25.025.Z03.08	25	25	43	200	8	3	0.72	3	
Shell mill mount DIN 138 transverse keyway									
F4042.B16.040.Z04.08	40	16	40		8	4	0.33	4	AD .. 0803 .. R
F4042.B16.040.Z06.08	40	16	40		8	6	0.44	6	
F4042.B22.050.Z05.08	50	22	40		8	5	0.46	5	
F4042.B22.050.Z07.08	50	22	40		8	7	0.48	7	

Balanced construction

D 2

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

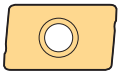
Assembly parts

	D_c [mm]	10–12	16–50
	Clamping screw for indexable insert Tightening torque	FS1455 (T8IP) 1.2 Nm	FS1454 (T8IP) 1.2 Nm

Accessories

	D_c [mm]	10–50
	Torque screwdriver, analog	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	S HC WSP45S
	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-D56	M	2	0.4	1.2	☺	😐	😐	☹	☹		☹	☹	☺	😐	☹	☹				☹	☹
	ADMT080304R-F56	M	2	0.4	1.2	☺	😐	😐	☹	☹	😐	☹	☹	☺	😐	☹	☹			😐	☹	☹
	ADMT080304R-G56	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		😐	😐	☹	☹	😐	☹	☹			☹	☹			😐	☹	☹

If the corner radius r = 1.6 mm or above, the corner area of the body must be reworked.

HC = Coated carbide
HW = Uncoated carbide

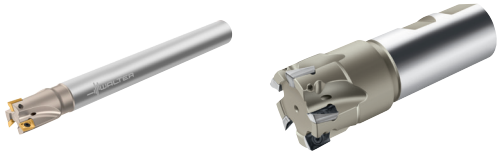
D2

Shoulder milling cutters

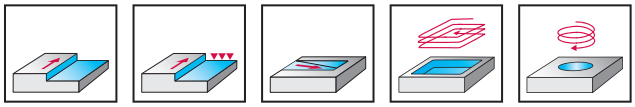
F4042 inch

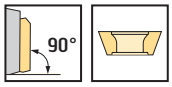
AD .. 0803 .. R

Xtra·tec®



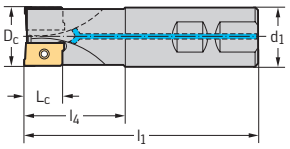
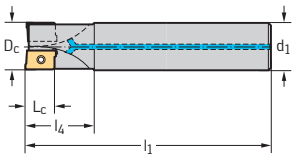
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4042	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 DIN 1835 B	F4042.UW15.013.Z01.08	0.500	0.625	0.827	2.722	0.315	1	0.004	1	AD .. 0803 .. R
 Cylindrical shank	F4042.UZ15.013.Z01.08	0.500	0.625	1.250	6.250	0.315	1	0.009	1	AD .. 0803 .. R
	F4042.UZ26.026.Z03.08	0.750	1.000	1.630	8.000	0.315	2	0.03	2	

Bodies and assembly parts are included in the scope of delivery

D 2

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

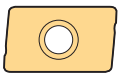
Assembly parts

	D_c [inch]	0.5	0.75
	Clamping screw for indexable insert Tightening torque	FS1455 (T8IP) 11 in lbs	FS1454 (T8IP) 11 in lbs

Accessories

	D_c [inch]	0.5–0.75
	Torque screwdriver, analog	FS2002
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	S HC WSP45S
	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-D56	M	2	0.4	1.2	●	●	●	●	●		●	●		●	●	●				●	●
	ADMT080304R-F56	M	2	0.4	1.2	●	●	●	●	●	●	●	●		●	●	●			●	●	●
	ADMT080304R-G56	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		●	●	●	●	●	●	●				●			●	●	●

If the corner radius r = 1.6 mm or above, the corner area of the body must be reworked.

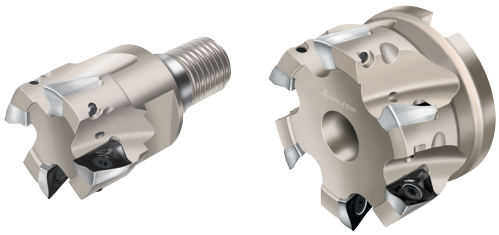
HC = Coated carbide
HW = Uncoated carbide

D2

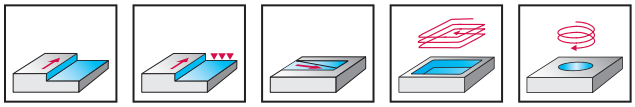
Shoulder milling cutters

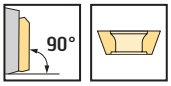
F4042 mm

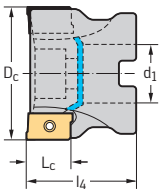
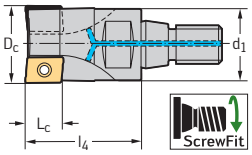
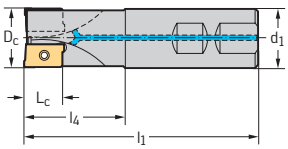
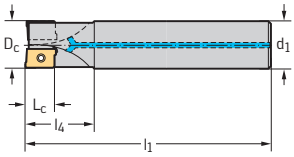
Xtra·tec®



– 2 cutting edges per indexable insert





Tool	Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F4042.B16.040.Z03.11	40	16	40		11.7	3	0.2	3	AD .. 1204 .. R
	F4042.B16.040.Z04.11	40	16	40		11.7	4	0.23	4	
	F4042.B16.040.Z05.11	40	16	40		11.7	5	0.33	5	
	F4042.B22.050.Z04.11	50	22	40		11.7	4	0.43	4	
	F4042.B22.050.Z06.11	50	22	40		11.7	6	0.46	6	
	F4042.B22.063.Z05.11	63	22	40		11.7	5	0.77	5	
	F4042.B22.063.Z07.11	63	22	40		11.7	7	0.79	7	
	F4042.B27.063.Z05.11	63	27	50		11.7	5	0.75	5	
	F4042.B27.063.Z07.11	63	27	50		11.7	7	0.75	7	
	F4042.B27.080.Z06.11	80	27	50		11.7	6	1.12	6	
	F4042.B27.080.Z08.11	80	27	50		11.7	8	1.2	8	
 ScrewFit	F4042.T22.025.Z03.11	25	T22	35		11.7	3	0.1	3	AD .. 1204 .. R
	F4042.T28.032.Z03.11	32	T28	40		11.7	3	0.2	3	
	F4042.T36.040.Z05.11	40	T36	40		11.7	5	0.36	5	
 DIN 1835 B	F4042.W32.032.Z03.11	32	32	49	110	11.7	3	0.59	3	AD .. 1204 .. R
	F4042.W32.032.Z04.11	32	32	49	110	11.7	4	0.57	4	
	F4042.W32.040.Z05.11	40	32	49	110	11.7	5	0.7	5	
 Cylindrical shank	F4042.Z20.022.Z02.11	22	20	38		11.7	2	0.46	2	AD .. 1204 .. R
	F4042.Z25.025.Z02.11	25	25	38		11.7	2	0.74	2	
	F4042.Z25.025.Z03.11	25	25	38		11.7	3	0.73	3	
	F4042.Z32.032.Z03.11	32	32	39		11.7	3	1.47	3	
	F4042.Z32.032.Z04.11	32	32	39		11.7	4	1.46	4	
	F4042.Z32.040.Z05.11	40	32	44		11.7	5	1.6	5	

Balanced construction

D 2

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

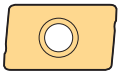
Assembly parts

	D_c [mm]	22–25	32–80
	Clamping screw for indexable insert Tightening torque	FS1456 (T9IP) 2 Nm	FS1457 (T9IP) 2 Nm

Accessories

	D_c [mm]	22–80
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	ADGT120404R-F56	G	2	0.4	1.2				☹	☹			☹	☹										☹	☹
	ADGT120416R-D67	G	2	1.6	1				😐	😐			😐	😐										😐	😐
	ADGT120430R-F56	G	2	3	0.8				☹				☹											☹	
	ADGT120440R-F56	G	2	4	0.4				☹	☹			☹	☹										☹	☹
	ADGT1204PER-D51	G	2	0.8	1.2	☺	😐	😐	☹	☹			☹	☹			😐	☹	☹					☹	☹
	ADGT1204PER-D56	G	2	0.8	1.2	☺	😐	😐	☹	☹			☹	☹			😐	☹	☹					☹	☹
	ADGT1204PER-D67	G	2	0.8	1.2		😐	😐	😐	😐	😐		😐	😐				😐	😐			😐		😐	😐
	ADGT1204PER-F56	G	2	0.8	1.2				☹	☹	😐		☹	☹								😐		☹	☹
	ADGT1204PER-G77	G	2	0.8	1.2				😐	😐	😐		😐	😐								😐		😐	😐
	ADHT120416R-G88	H	2	1.6	1															☺					
	ADHT120430R-G88	H	2	3	0.8															☺	😐				
	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-D56	M	2	0.8	1.2	☺	😐	😐	☹	☹			☹	☹	☺	😐	😐	☹	☹					☹	☹
	ADMT120408R-F56	M	2	0.8	1.2	☺	😐	😐	☹		😐	☹	☹		☺	😐	😐	☹	☹			😐	☹	☹	
	ADMT120408R-G56	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		😐	😐	☹	☹	😐	☹	☹	☹				☹	☹			😐	☹	☹	☹

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:

HC = Coated carbide
HW = Uncoated carbide

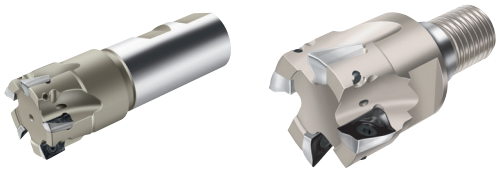
D2

Shoulder milling cutters

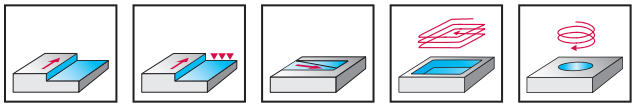
F4042 inch

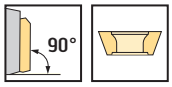
AD .. 1204 .. R

Xtra·tec®



– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4042	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
ScrewFit									
F4042.UT22.026.Z03.11	1.000	T22	1.378		0.461	3	0.004	3	AD .. 1204 .. R
F4042.UT28.031.Z03.11	1.250	T28	1.575		0.461	3	0.008	3	
F4042.UT28.031.Z04.11	1.250	T28	1.575		0.461	4	0.008	4	
F4042.UT45.051.Z06.11	2.000	T45	1.575		0.461	6	0.019	6	
DIN 1835 B									
F4042.UW31.031.Z04.11	1.250	1.250	1.417	3.698	0.461	4	0.017	4	AD .. 1204 .. R
Cylindrical shank									
F4042.UZ19.019.Z02.11	0.750	0.750	1.030	7.530	0.461	2	0.017	2	AD .. 1204 .. R
Shell mill mount DIN 138 transverse keyway									
F4042.UB13.038.Z05.11	1.500	0.500	1.575		0.461	5	0.008	5	AD .. 1204 .. R
F4042.UB19.051.Z06.11	2.000	0.750	1.575		0.461	6	0.017	6	
F4042.UB26.076.Z08.11	3.000	1.000	1.969		0.461	8	0.041	8	

Bodies and assembly parts are included in the scope of delivery

D 2

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

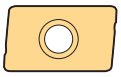
Assembly parts

	D_c [inch]	0.75–1	1.25	1.5	2	3
	Clamping screw for indexable insert Tightening torque	FS1456 (T9IP) 18 in lbs	FS1457 (T9IP) 18 in lbs	FS1457 (T9IP) 18 in lbs	FS1457 (T9IP) 18 in lbs	FS1457 (T9IP) 18 in lbs
	Clamping screw for arbor-mounted tools			FS1597	FS1523	FS1519

Accessories

	D_c [inch]	0.75–3
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	ADGT120404R-F56	G	2	0.4	1.2				●	●			●	●										●	●
	ADGT120416R-D67	G	2	1.6	1				◐	◐			◐	◐										◐	◐
	ADGT120430R-F56	G	2	3	0.8				●				●											●	
	ADGT120440R-F56	G	2	4	0.4				●	●			●	●										●	●
	ADGT1204PER-D51	G	2	0.8	1.2	◉	◐	◐	●	●			●	●			◐	●	●					●	●
	ADGT1204PER-D56	G	2	0.8	1.2	◉	◐	◐	●	●			●	●			◐	●	●					●	●
	ADGT1204PER-D67	G	2	0.8	1.2		◐	◐	◐	◐	◐		◐	◐				◐	◐			◐		◐	◐
	ADGT1204PER-F56	G	2	0.8	1.2				●	●	◐		●	●								◐		●	●
	ADGT1204PER-G77	G	2	0.8	1.2				◐	◐	◐		◐	◐								◐		◐	◐
	ADHT120416R-G88	H	2	1.6	1															◉					
	ADHT120430R-G88	H	2	3	0.8															◉	◐				
	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-D56	M	2	0.8	1.2	◉	◐	◐	●	●			●	●	◉	◐	◐	●	●					●	●
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	ADMT120408R-G56	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		◐	◐	●	●	◐	●	●	●				●	●			◐	●	●	●

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:

HC = Coated carbide
HW = Uncoated carbide

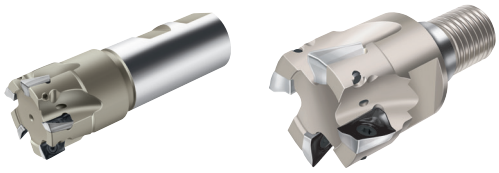
D2

Shoulder milling cutters

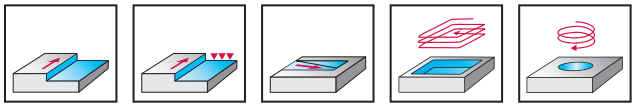
F4042 mm

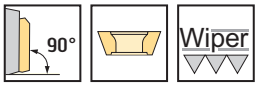
AD .. 1606 .. R

Xtra·tec®



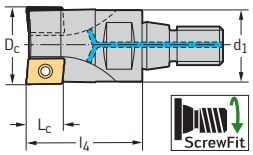
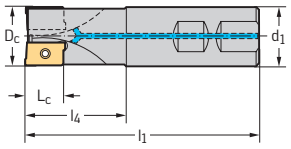
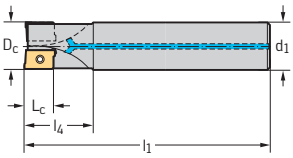
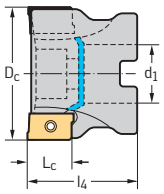
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4042	●●	●●	●●	●●	●●	●	●

Tool

	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	F4042.T28.032.Z03.15	32	T28	40	15	3	0.18	3	AD .. 1606 .. R
	F4042.T36.040.Z03.15	40	T36	40	15	3	0.32	3	
	F4042.T36.040.Z04.15	40	T36	40	15	4	0.32	4	
	F4042.T45.050.Z05.15	50	T45	40	15	5	0.48	5	
 DIN 1835 B	F4042.W25.025.Z02.15	25	25	43	15	2	0.32	2	AD .. 1606 .. R
	F4042.W32.032.Z03.15	32	32	49	15	3	0.57	3	
 Cylindrical shank	F4042.Z25.025.Z02.15	25	25	38	15	2	0.69	2	AD .. 1606 .. R
	F4042.Z32.032.Z03.15	32	32	39	15	3	1.46	3	
 Shell mill mount DIN 138 transverse keyway	F4042.B16.040.Z03.15	40	16	40	15	3	0.32	3	AD .. 1606 .. R
	F4042.B16.040.Z04.15	40	16	40	15	4	0.19	4	
	F4042.B22.050.Z03.15	50	22	40	15	3	0.5	3	
	F4042.B22.050.Z05.15	50	22	40	15	5	0.43	5	
	F4042.B22.063.Z04.15	63	22	40	15	4	0.68	4	
	F4042.B22.063.Z06.15	63	22	40	15	6	0.78	6	
	F4042.B27.063.Z06.15	63	27	50	15	6	0.8	6	
	F4042.B27.080.Z05.15	80	27	50	15	5	1.04	5	
	F4042.B27.080.Z07.15	80	27	50	15	7	1.24	7	
	F4042.B32.100.Z05.15	100	32	50	15	5	2.39	5	
	F4042.B32.100.Z08.15	100	32	50	15	8	1.87	8	
	F4042.B40.125.Z07.15	125	40	63	15	7	3.93	7	
	F4042.B40.125.Z10.15	125	40	63	15	10	4.25	10	

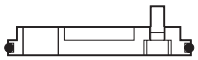
D 2

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

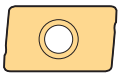
Assembly parts

	D_c [mm]	32–160	25
	Clamping screw for indexable insert Tightening torque	FS2080 (T15IP) 2.5 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	25–125	160
	Torque screwdriver, analog	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 COMPLETE SET
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	ADGT160612R-F56	G	2	1.2	1.6					●					●														●	
	ADGT160616R-D67	G	2	1.6	1					◐	◐				◐	◐													◐	◐
	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-D51	G	2	0.8	1.6		◕	◐	◐	●	●				●	●					◐	●	●						●	●
	ADGT1606PER-D56	G	2	0.8	1.6		◕	◐	◐	●	●				●	●				◐	◐	●	●						●	●
	ADGT1606PER-D67	G	2	0.8	1.6			◐	◐	◐	◐		◐		◐	◐						●	●				◐		◐	◐
	ADGT1606PER-F56	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		◕	◐	◐	●			◐	●	●			◕		◐	◐	●	●				◐	●	●	
	ADMT160608R-G56	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				◐	◐	●	●		◐		●	●						●	●				◐		●	●
	ADGX1606PER-F56	G	2	0.8	8	●						●					◕		◕					◕						

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

F4042 mm

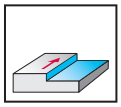
AD .. 1606 .. R

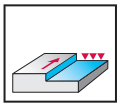
Xtra·tec®

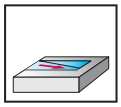


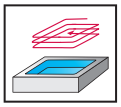


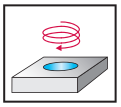
– 2 cutting edges per indexable insert













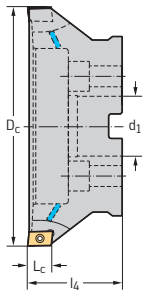




	P	M	K	N	S	H	O
F4042	●●	●●	●●	●●	●●	●	●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F4042.B40.160.Z08.15	160	40	63	15	8	4.84	8	AD .. 1606 .. R
F4042.B40.160.Z12.15	160	40	63	15	12	5.02	12	



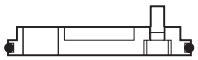
Shell mill mount DIN 138 transverse keyway

D 2

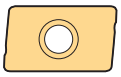
Assembly parts

	D_c [mm]	32–160	25
	Clamping screw for indexable insert Tightening torque	FS2080 (T15IP) 2.5 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	25–125	160
	Torque screwdriver, analog	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 COMPLETE SET
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	ADGT160612R-F56	G	2	1.2	1.6					●					●														●	
	ADGT160616R-D67	G	2	1.6	1					◐	◐				◐	◐													◐	◐
	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-D51	G	2	0.8	1.6		◕	◐	◐	●	●				●	●					◐	●	●						●	●
	ADGT1606PER-D56	G	2	0.8	1.6		◕	◐	◐	●	●				●	●				◐	◐	●	●						●	●
	ADGT1606PER-D67	G	2	0.8	1.6			◐	◐	◐	◐		◐		◐	◐						●	●				◐		◐	◐
	ADGT1606PER-F56	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		◕	◐	◐	●			◐	●	●			◕		◐	◐	●	●				◐	●	●	
	ADMT160608R-G56	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			◐	◐	●	●		◐		●	●						●	●				◐		●	●
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	ADMT160660R-F56	M	2	6				◐	◐	●	●		◐		●	●						●	●				◐		●	●
	ADGX1606PER-F56	G	2	0.8	8	●						●					◕		◕					◕						

HC = Coated carbide
HW = Uncoated carbide

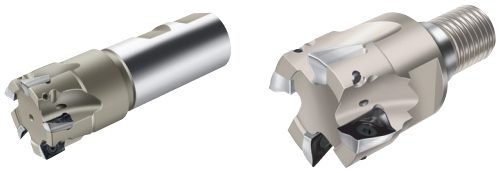
D2

Shoulder milling cutters

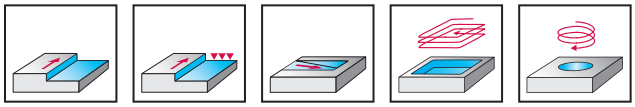
F4042 inch

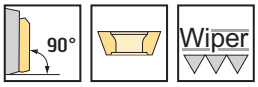
AD .. 1606 .. R

Xtra·tec®

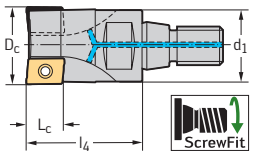
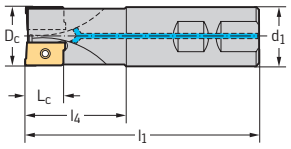
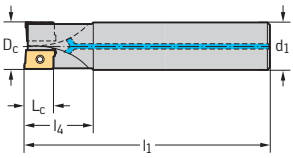
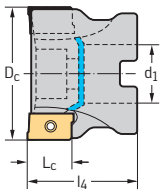


– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4042	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 ScrewFit	F4042.UT36.038.Z03.15	1.500	T36	1.575		0.591	3	0.012	3	AD .. 1606 .. R
 DIN 1835 B	F4042.UW26.026.Z02.15	1.000	1.000	1.850	4.131	0.591	2	0.014	2	AD .. 1606 .. R
 Cylindrical shank	F4042.UZ26.026.Z02.15	1.000	1.000	1.850	8.350	0.591	2	0.031	2	AD .. 1606 .. R
	F4042.UZ31.031.Z03.15	1.250	1.250	1.500	9.87	0.591	3	0.058	3	
 Shell mill mount DIN 138 transverse keyway	F4042.UB19.051.Z05.15	2.000	0.750	1.575		0.591	5	0.013	5	AD .. 1606 .. R
	F4042.UB26.064.Z06.15	2.500	1.000	1.575		0.591	6	0.022	6	
	F4042.UB26.076.Z05.15	3.000	1.000	1.969		0.591	5	0.045	5	
	F4042.UB26.076.Z07.15	3.000	1.000	1.969		0.591	7	0.041	7	
	F4042.UB38.102.Z08.15	4.000	1.500	2.48		0.591	8	0.103	8	

D 2

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

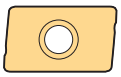
Assembly parts

	D_c [inch]	1	1,25–1,5	2	2,5	3	4
	Clamping screw for indexable insert Tightening torque	FS2080 (T15IP) 22 in lbs	FS1453 (T15IP) 31 in lbs	FS1453 (T15IP) 31 in lbs	FS1453 (T15IP) 31 in lbs	FS1453 (T15IP) 31 in lbs	FS1453 (T15IP) 31 in lbs
	Clamping screw for arbor-mounted tools			FS1523	FS1586	FS1519	FS1583

Accessories

	D_c [inch]	1–4
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	ADGT160612R-F56	G	2	1.2	1.6					●					●													●	
	ADGT160616R-D67	G	2	1.6	1					◐	◐				◐	◐												◐	◐
	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-D51	G	2	0.8	1.6		☺	◐	◐	●	●				●	●					◐	●	●					●	●
	ADGT1606PER-D56	G	2	0.8	1.6		☺	◐	◐	●	●				●	●				◐	◐	●	●					●	●
	ADGT1606PER-D67	G	2	0.8	1.6			◐	◐	◐	◐		◐		◐	◐						●	●				◐	◐	◐
	ADGT1606PER-F56	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		☺	◐	◐	●			◐	●	●			☺		◐	◐	●	●				◐	●	●	
	ADMT160608R-G56	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				◐	◐	●	●		◐		●	●						●	●				◐		●	●
	ADGX1606PER-F56	G	2	0.8	8	●						●					☺		☺					☺						

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:
ADGX1606PER-F56 wiper insert only in combination with ADGT1606PER-F56, ADGT1606PER-D67 or ADGT1606PER-G77

HC = Coated carbide
HW = Uncoated carbide

D2

Shoulder milling cutters

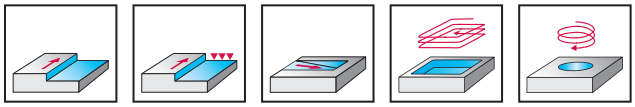
F4042 mm

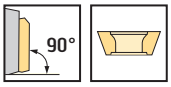
AD .. 1807 .. R

Xtra·tec®

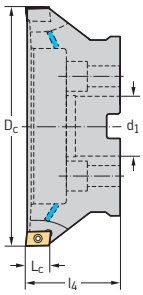
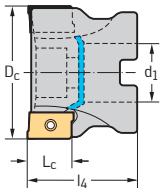


– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4042	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F4042.B40.160.Z10.16	160	40	63	16.7	10	4.99	10	AD .. 1807 .. R
 Shell mill mount DIN 138 transverse keyway	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	

Balanced construction

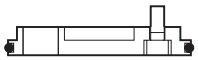
D 2

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

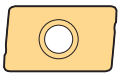
Assembly parts

	D_c [mm]	63–160
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm

Accessories

	D_c [mm]	63–125	160
	Torque screwdriver, analog	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 COMPLETE SET
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC					M HC		K HC				S HC	
						WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WSP45G	WSP45S	WKK25S	WKP25S	WKP35G	WKP35S	WSP45G	WSP45S
	ADGT1807PER-D51	G	2	1.2	1.8		●								●			
	ADGT1807PER-D56	G	2	1.2	1.8		●		●	●	●	●			●		●	●
	ADMT180712R-D56	M	2	1.2	1.8	●	●	●	●	●	●	●	●	●	●	●	●	●
	ADMT180712R-F56	M	2	1.2	1.8	●	●	●	●		●		●	●	●	●	●	

HC = Coated carbide

D2

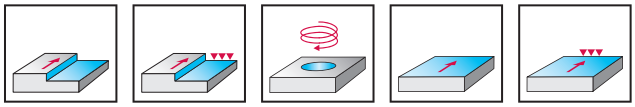
Shoulder milling cutters

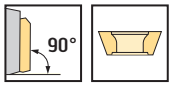
F2010 mm

AD .. 1204 .. R

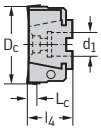
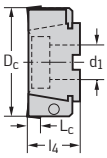
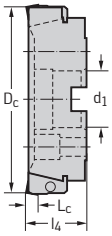
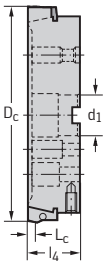


– Adjustable runout
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

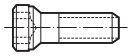
Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.11.R718M	80	27	50	11.7	6	1.28	6	AD .. 1204 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07.11.R718M	100	32	50	11.7	7	1.83	7	AD .. 1204 .. R
	F2010.B.125.Z08.11.R718M	125	40	63	11.7	8	3.91	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.11.R718M	160	40	63	11.7	10	5.65	10	AD .. 1204 .. R
	F2010.B.200.Z12.11.R718M	200	60	63	11.7	12	9.6	12	
	F2010.B.250.Z12.11.R718M	250	60	63	11.7	12	16	12	
	F2010.B.250.Z16.11.R718M	250	60	63	11.7	16	16.21	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.11.R718M	315	60	80	11.7	14	27.39	14	AD .. 1204 .. R
	F2010.B.315.Z18.11.R718M	315	60	80	11.7	18	26.2	18	

Bodies and assembly parts are included in the scope of delivery

D 2

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

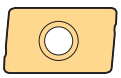
Assembly parts

	D_c [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_c [mm]	100	80–250	315
	Screwdriver for indexable insert	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)
	Screwdriver for adjusting pin	FS228 (T20)	FS228 (T20)	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	Torque T-handle		FS2041	FS2041
	Interchangeable blade		FS2051 (SW 4)	FS2051 (SW 4)
	Torque screwdriver, analog		FS2003	
	Torque screwdriver, digital		FS2248	
	Interchangeable blade		FS2013 (T9IP)	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	ADGT120404R-F56	G	2	0.4	1.2				●	●			●	●										●	●
	ADGT120416R-D67	G	2	1.6	1				○	○			○	○										○	○
	ADGT120430R-F56	G	2	3	0.8				●				●											●	
	ADGT120440R-F56	G	2	4	0.4				●	●			●	●										●	●
	ADGT1204PER-D51	G	2	0.8	1.2	○	○	○	●	●			●	●			○	●	●					●	●
	ADGT1204PER-D56	G	2	0.8	1.2	○	○	○	●	●			●	●			○	●	●					●	●
	ADGT1204PER-D67	G	2	0.8	1.2		○	○	○	○	○		○	○				●	●			○		○	○
	ADGT1204PER-F56	G	2	0.8	1.2				●	●	○		●	●								○		●	●
	ADGT1204PER-G77	G	2	0.8	1.2				○	○	○		○	○								○		○	○
	ADHT120416R-G88	H	2	1.6	1															○					
	ADHT120430R-G88	H	2	3	0.8															○	○				
	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-D56	M	2	0.8	1.2	○	○	○	●	●			●	●	○	○	○	●	●					●	●
	ADMT120408R-F56	M	2	0.8	1.2	○	○	○	●		○	●	●		○	○	○	●	●			○	●	●	
	ADMT120408R-G56	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		○	○	●	●	○	●	●	●				●	●			○	●	●	●

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:

HC = Coated carbide
HW = Uncoated carbide

D2

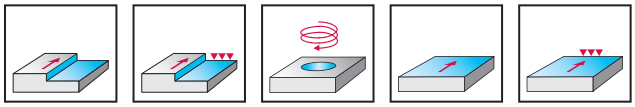
Shoulder milling cutters

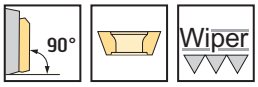
F2010 mm

AD .. 1606 .. R



– Adjustable runout
– 2 cutting edges per indexable insert

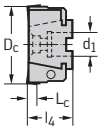




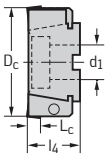
	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

Tool

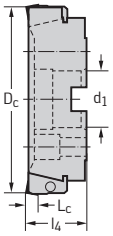
Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F2010.B.080.Z06.15.R719M	80	27	50	15	6	1.22	6	AD .. 1606 .. R
F2010.B.100.Z07.15.R719M	100	32	50	15	7	1.77	7	AD .. 1606 .. R
F2010.B.125.Z08.15.R719M	125	40	63	15	8	3.65	8	
F2010.B.160.Z10.15.R719M	160	40	63	15	10	5.58	10	AD .. 1606 .. R
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	
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	



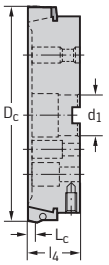
Shell mill mount DIN 138 transverse keyway



Shell mill mount DIN 138 transverse keyway



Shell mill mount DIN 138 transverse keyway

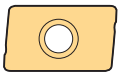


Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

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

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	ADGT160612R-F56	G	2	1.2	1.6					☹					☹														☹	
	ADGT160616R-D67	G	2	1.6	1					😐	😐				😐	😐													😐	😐
	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-D51	G	2	0.8	1.6		😊	😐	😐	☹	☹				☹	☹					😐	☹	☹						☹	☹
	ADGT1606PER-D56	G	2	0.8	1.6		😊	😐	😐	☹	☹				☹	☹				😐	😐	☹	☹						☹	☹
	ADGT1606PER-D67	G	2	0.8	1.6			😐	😐	😐	😐		😐		😐	😐						☹	☹				😐		😐	😐
	ADGT1606PER-F56	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		😊	😐	😐	☹			😐	☹	☹			😊		😐	😐	☹	☹				😐	☹	☹	
	ADMT160608R-G56	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				😐	😐	☹	☹		😐		☹	☹						☹	☹				😐		☹	☹
	ADGX1606PER-F56	G	2	0.8	8	☹						☹					😊		😊					😊						

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:
ADGX1606PER-F56 wiper insert only in combination with ADGT1606PER-F56, ADGT1606PER-D67 or ADGT1606PER-G77

HC = Coated carbide
HW = Uncoated carbide

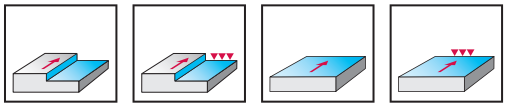
Shoulder milling cutters

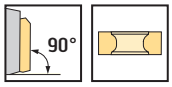
F2010 mm

LNGX1307 .. R

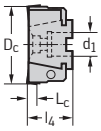
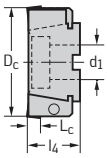
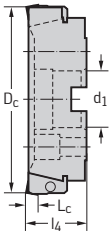
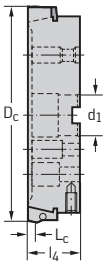


– Adjustable runout
– 4 cutting edges per indexable insert





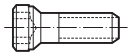
	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.13.R722M	80	27	50	13	6	1.23	6	LNGX1307 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07.13.R722M	100	32	50	13	7	1.76	7	LNGX1307 .. R
	F2010.B.125.Z08.13.R722M	125	40	63	13	8	3.5	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.13.R722M	160	40	63	13	10	5.59	10	LNGX1307 .. R
	F2010.B.200.Z12.13.R722M	200	60	63	13	12	9.66	12	
	F2010.B.250.Z12.13.R722M	250	60	63	13	12	16.08	12	
	F2010.B.250.Z16.13.R722M	250	60	63	13	16	15.85	16	
 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	

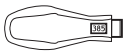
Bodies and assembly parts are included in the scope of delivery

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

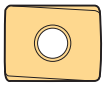
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR722M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1458 (T15IP) 2.5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	S HC WSP45S
	LNGX130708R-L55	G	4	0.8	1.2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺			☺	☺	☺
	LNGX130708R-L88	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	☺	☺	☺								☺	☹	☹					

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:

HC = Coated carbide
HW = Uncoated carbide

D2

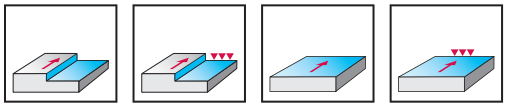
Shoulder milling cutters

F2010 mm

LNH . 0904 .. R

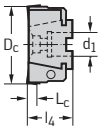
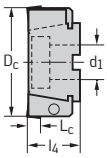
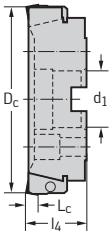
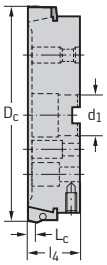


– Adjustable runout
– 4 cutting edges per indexable insert, tangential arrangement





	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

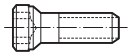
Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.08.R751M	80	27	50	8	6	1.2	6	LNH . 0904 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07.08.R751M	100	32	50	8	7	1.8	7	LNH . 0904 .. R
	F2010.B.125.Z08.08.R751M	125	40	63	8	8	3.5	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.08.R751M	160	40	63	8	10	5.65	10	LNH . 0904 .. R
	F2010.B.200.Z12.08.R751M	200	60	63	8	12	9.96	12	
	F2010.B.250.Z12.08.R751M	250	60	63	8	12	14.6	12	
	F2010.B.250.Z16.08.R751M	250	60	63	8	16	14.5	16	
 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

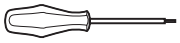
D 2

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

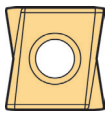
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR751M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	100–315	80–200
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver for indexable insert	FS1484 (T9IP)	FS1484 (T9IP)
	Screwdriver for adjusting pin	FS228 (T20)	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	Torque T-handle	FS2041	
	Interchangeable blade	FS2051 (SW 4)	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S	H HC WHH15
	LNHU090404R-L55T	H	4	0.4	1.5		☺	☺	☺	☹			☺		☹			☺		☺	☺	☹	☹				☺		☹		
	LNHU090404R-L65T	H	4	0.4	1.5					☹					☹														☹		
	LNHU090404R-L85T	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				☺	☺	☹	☹		☺		☹	☹						☹	☹				☺		☹	☹	
	LNMU090404R-L55T	M	4	0.4	1.5		☺	☺	☺	☹				☹	☹					☺	☺	☹	☹					☹	☹		
	LNHX0904PDR-L55T	H	2	0.4	3.5	☺						☺					☺	☺	☺					☺							☺

LNHX0904PDR-L55T wiper insert only in combination with LNHU090404R-L55T . .

HC = Coated carbide
HW = Uncoated carbide

D2

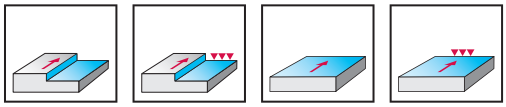
Shoulder milling cutters

F2010 mm

LNH . 1306 .. R

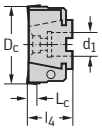
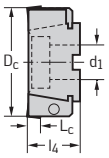
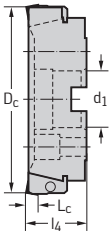
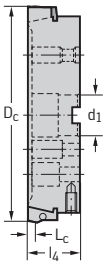


– Adjustable runout
– 4 cutting edges per indexable insert, tangential arrangement





	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

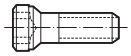
Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.12.R752M	80	27	50	12	6	1.22	6	LNH . 1306 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07.12.R752M	100	32	50	12	7	1.8	7	LNH . 1306 .. R
	F2010.B.125.Z08.12.R752M	125	40	63	12	8	3.5	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.12.R752M	160	40	63	12	10	5.5	10	LNH . 1306 .. R
	F2010.B.200.Z12.12.R752M	200	60	63	12	12	9.86	12	
	F2010.B.250.Z12.12.R752M	250	60	63	12	12	16.4	12	
	F2010.B.250.Z16.12.R752M	250	60	63	12	16	14.5	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.12.R752M	315	60	80	12	14	26.3	14	LNH . 1306 .. R
	F2010.B.315.Z18.12.R752M	315	60	80	12	18	26.2	18	

Bodies and assembly parts are included in the scope of delivery

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

D2

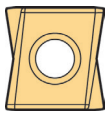
Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR752M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	P HC WXM15	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S	H HC WHH15
	LNHU130608R-L55T	H	4	0.8	2.2		☺	☺	☺	☹			☺		☹			☺		☺	☺	☹	☹				☺		☹		
	LNHU130608R-L65T	H	4	0.8	2.2					☹					☹														☹		
	LNHU130608R-L85T	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				☺	☺	☹	☹		☺		☹	☹						☹	☹				☺		☹	☹	
	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

D2

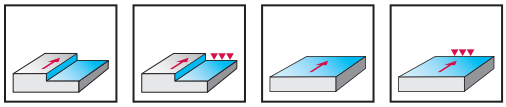
Shoulder milling cutters

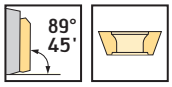
F2010 mm

SD .. 09T3 ..; SDGT09T3PDR

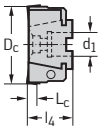
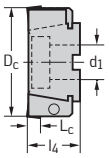
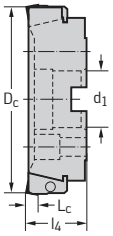
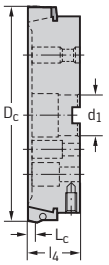


– Adjustable runout
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

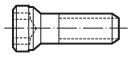
Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.08.R756M	80	27	50	8.4	6	1.3	6	SD .. 09T3 .. SDGT09T3PDR
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07.08.R756M	100	32	50	8.4	7	1.9	7	SD .. 09T3 .. SDGT09T3PDR
	F2010.B.125.Z08.08.R756M	125	40	63	8.4	8	3.6	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.08.R756M	160	40	63	8.4	10	5.6	10	SD .. 09T3 .. SDGT09T3PDR
	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	
 Shell mill mount DIN 138 transverse keyway	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

D 2

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

Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR756M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 2 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Torque screwdriver, analog	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 HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G
	SDGT09T3PDR-D57	G	4	0.8	1.2	●	●	●	●	●		●			●	●	●				●		●
	SDGW09T304-A88	G	1	0.4														●					
	SDHT09T304-G88	H	4	0.4															●	●			
	SDHT09T308-G88	H	4	0.8															●	●			
	SDMT09T304-F57	M	4	0.4			●	●	●			●				●	●						●
	SDMT09T308-D51	M	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			●	●	●	●		●		●		●	●				●		●

SD..09T3.. : If the corner radius r is greater than 0.8 mm, the corner area of the cartridge must be reworked.

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

D2

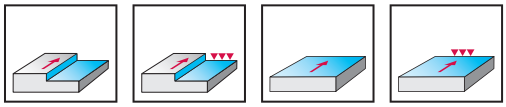
Shoulder milling cutters

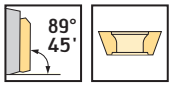
F2010 mm

SD .. 1204 ..; SDGT1204PDR

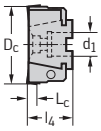
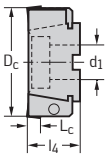
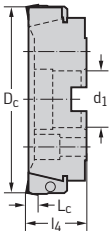
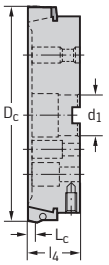


– Adjustable runout
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	●

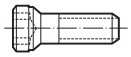
Tool	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.08.R757M	80	27	50	11.6	6	1.3	6	SD .. 1204 .. SDGT1204PDR
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07.08.R757M	100	32	50	11.6	7	1.9	7	SD .. 1204 .. SDGT1204PDR
	F2010.B.125.Z08.08.R757M	125	40	63	11.6	8	3.6	8	
 Shell mill mount DIN 138 transverse keyway	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	
 Shell mill mount DIN 138 transverse keyway	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

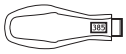
D 2

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

Assembly parts

	D_c [mm]	80–315
	Cartridge for tool body	FR757M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	80–315
	Torque screwdriver, analog	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	WSM35S	WSM45X	WSP45G	WAK15	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35S	WSM45X	WSP45G
	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 cartridge must be reworked.

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

D2

Helical milling cutters

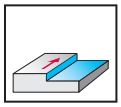
F5038 mm

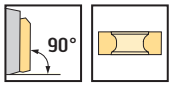
LNH . 0904 .. R

Walter BLAXX



– Full effective design
– 4 cutting edges per indexable insert, tangential arrangement

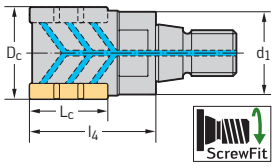




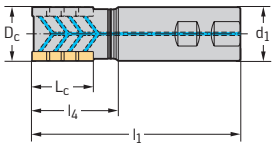
	P	M	K	N	S	H	O
F5038	●●	●●	●●	●●	●●		●

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
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	



ScrewFit



DIN 1835 B

D2

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

Assembly parts

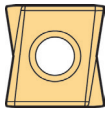
	D_c [mm]	25–40
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm

Accessories

	D_c [mm]	25	32–40
	Torque screwdriver, analog	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 HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	LNHU090404R-L55T	H	4	0.4	1.5	●	●	●	●		●		●		●	●	●	●	●			●		●	
	LNHU090404R-L65T	H	4	0.4	1.5				●				●												
	LNHU090404R-L85T	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			●	●	●	●	●		●	●				●	●			●		●	●
	LNMU090404R-L55T	M	4	0.4	1.5	●	●	●	●			●	●			●	●	●	●				●	●	

Indexable inserts with r > 0.4 mm can only be used as front inserts.

HC = Coated carbide
HW = Uncoated carbide

D2

Helical milling cutters

F5138 mm

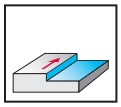
LNH . 1306 .. R

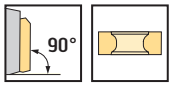
Walter BLAXX





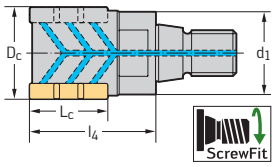
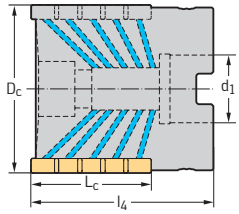
– Full effective design
– 4 cutting edges per indexable insert, tangential arrangement





	P	M	K	N	S	H	O
F5138	●●	●●	●●	●●	●●		●

Tool

	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	F5138.T36.040.Z02.34	40	T36	55	34	2	0.43	2 4	LNH . 1306 .. R
 Shell mill mount DIN 138 transverse keyway	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	

Tools mounted on shell mill arbors may require longer mounting bolts in accordance with ISO 4762 - see “Assembly parts and Accessories”
Bodies and assembly parts are included in the scope of delivery

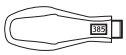
D2

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

Assembly parts

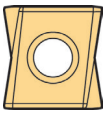
	D_c [mm]	40	50	63	80
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm	FS2081 (T15IP) 4 Nm	FS2081 (T15IP) 4 Nm	FS2081 (T15IP) 4 Nm
	Clamping screw for arbor-mounted tools		M10X040 ISO4762 12.9 (SW 8)	M12X050 ISO4762 12.9 (SW 10)	M16X065 ISO4762 12.9 (SW 14)

Accessories

	D_c [mm]	40–80
	Torque screwdriver, analog	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			
						WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WSM35S	WSM45X	WSP45G	WSP45S	WAK15	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35S	WSM45X	WSP45G	WSP45S
	LNHU130608R-L55T	H	4	0.8	2.2	●	●	●	●		●		●		●	●	●	●	●			●		●	
	LNHU130608R-L65T	H	4	0.8	2.2				●				●											●	
	LNHU130608R-L85T	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			●	●	●	●	●		●	●				●	●			●		●	●
	LNMU130608R-L55T	M	4	0.8	2.2	●	●	●	●			●	●			●	●	●	●				●	●	

HC = Coated carbide
HW = Uncoated carbide

Helical milling cutters

F5138 inch

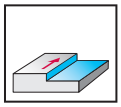
LNH . 1306 .. R

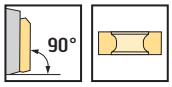
Walter BLAXX





– Full effective design
– 4 cutting edges per indexable insert, tangential arrangement

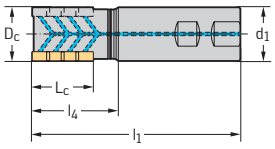




	P	M	K	N	S	H	O
F5138	●●	●●	●●	●●	●●		●

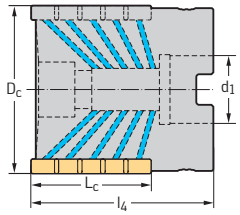
Tool

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
F5138.UW38.038.Z02.45	1.500	1.500	1.969	5.315	1.772	2	0.038	2 6	LNH . 1306 .. R



DIN 1835 B

F5138.UB19.051.Z03.34	2.000	0.750	2.165		1.339	3	0.021	3 6	LNH . 1306 .. R
F5138.UB26.064.Z04.45	2.500	1.000	2.756		1.772	4	0.004	4 12	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

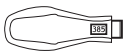
D 2

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

Assembly parts

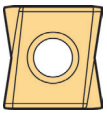
	D_c [inch]	1.5	2	2.5
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 35 in lbs	FS2081 (T15IP) 35 in lbs	FS2081 (T15IP) 35 in lbs
	Clamping screw for arbor-mounted tools		FS1338	FS1614

Accessories

	D_c [inch]	1.5–2.5
	Torque screwdriver, analog	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 mm	b mm	P					M				K					N		S				
									HC			HC					HC					HC	HW		HC		
						WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WSM35S	WSM45X	WSP45G	WSP45S	WAK15	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35S	WSM45X	WSP45G	WSP45S
	LNHU130608R-L55T	H	4	0.8	2.2	●	●	●	●		●		●		●	●	●	●	●			●		●	
	LNHU130608R-L65T	H	4	0.8	2.2				●				●											●	
	LNHU130608R-L85T	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			●	●	●	●	●		●	●				●	●			●		●	●
	LNMU130608R-L55T	M	4	0.8	2.2	●	●	●	●			●	●			●	●	●	●				●	●	

HC = Coated carbide
HW = Uncoated carbide

D2

Helical milling cutters

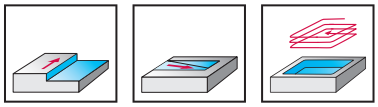
F4038 mm

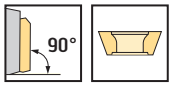
AD .. 0803 .. R

Xtra·tec®



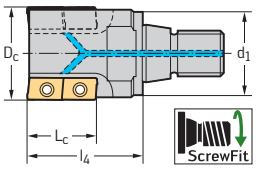
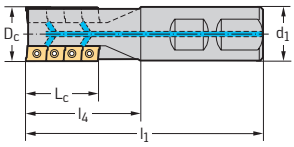
– Full effective design
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4038	●●	●●	●●	●●	●●		●

Tool

	Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
	F4038.T22.025.Z02.22	25	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	
ScrewFit										
	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

D 2

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

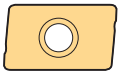
Assembly parts

	D_c [mm]	20–32
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1.2 Nm

Accessories

	D_c [mm]	20–32
	Torque screwdriver, analog	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	S HC WSP45S
	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-D56	M	2	0.4	1.2	☺	😐	😐	☹	☹		☹	☹	☺	😐	☹	☹				☹	☹
	ADMT080304R-F56	M	2	0.4	1.2	☺	😐	😐	☹	☹	😐	☹	☹	☺	😐	☹	☹			😐	☹	☹
	ADMT080304R-G56	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		😐	😐	☹	☹	😐	☹	☹			☹	☹			😐	☹	☹

If the corner radius r = 1.6 mm or above, the corner area of the body must be reworked.
Indexable inserts with r > 0.4 mm can only be used as front inserts.

HC = Coated carbide
HW = Uncoated carbide

D2

Helical milling cutters

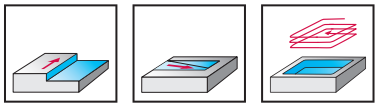
F4038 inch

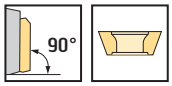
AD .. 0803 .. R

Xtra·tec®



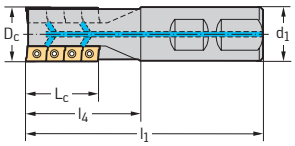
– Full effective design
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4038	●●	●●	●●	●●	●●		●

Tool



DIN 1835 B

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
F4038.UW19.019.Z01.30	0,750	0,750	1,770	3,780	1,181	1	0,007	2 3	AD .. 0803 .. R
F4038.UW26.026.Z02.37	1,000	1,000	1,969	4,213	1,457	2	0,014	2 8	

Bodies and assembly parts are included in the scope of delivery

D 2

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

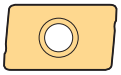
Assembly parts

	D_c [inch]	0,75–1
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm

Accessories

	D_c [inch]	0,75–1
	Torque screwdriver, analog	FS2002
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	S HC WSP45S
	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-D56	M	2	0,4	1,2	●	●	●	■	■		■	■	●	●	■	■				■	■
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	ADMT080304R-G56	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		●	●	■	■	●	■	■			■	■			●	■	■

If the corner radius r = 1.6 mm or above, the corner area of the body must be reworked.
Indexable inserts with r > 0.4 mm can only be used as front inserts.

HC = Coated carbide
HW = Uncoated carbide

D2

Helical milling cutters

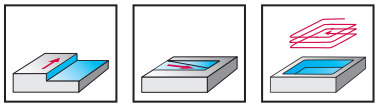
F4138 mm

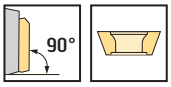
AD .. 1204 .. R

Xtra·tec®



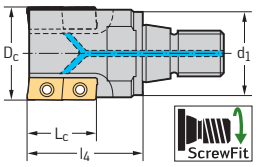
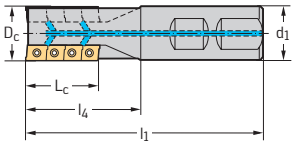
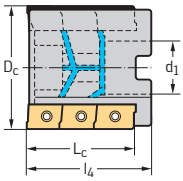
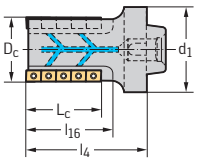
– Full effective design
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4138	●●	●●	●●	●●	●●		●

Tool

	Designation	D_c mm	d_1 mm	l_4 mm	l_{16} mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	F4138.T28.032.Z02.33	32	T28	50			33	2	0.22	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	1.35	3 12	
 Shell mill mount DIN 138 transverse keyway	F4138.B16.040.Z03.33	40	16	55			33	3	0.3	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

Tools mounted on shell mill arbors may require longer mounting bolts in accordance with ISO 4762 - see “Assembly parts and Accessories”
Bodies and assembly parts are included in the scope of delivery

D 2

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

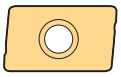
Assembly parts

	D_c [mm]	32–63	40	50
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm	FS1457 (T9IP) 2 Nm	FS1457 (T9IP) 2 Nm
	Clamping screw for arbor-mounted tools		M08X040 ISO4762 12.9 (SW 6)	M10X045 ISO4762 12.9 (SW 8)

Accessories

	D_c [mm]	32–63
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	ADGT120404R-F56	G	2	0.4	1.2				✗	✗			✗	✗										✗	✗
	ADGT120416R-D67	G	2	1.6	1				●	●			●	●										●	●
	ADGT120430R-F56	G	2	3	0.8				✗				✗											✗	
	ADGT120440R-F56	G	2	4	0.4				✗	✗			✗	✗										✗	✗
	ADGT1204PER-D51	G	2	0.8	1.2	☺	●	●	✗	✗			✗	✗			●	✗	✗					✗	✗
	ADGT1204PER-D56	G	2	0.8	1.2	☺	●	●	✗	✗			✗	✗			●	✗	✗					✗	✗
	ADGT1204PER-D67	G	2	0.8	1.2		●	●	●	●	●		●	●				●	●			●		●	●
	ADGT1204PER-F56	G	2	0.8	1.2				✗	✗	●		✗	✗								●		✗	✗
	ADGT1204PER-G77	G	2	0.8	1.2				●	●	●		●	●								●		●	●
	ADHT120416R-G88	H	2	1.6	1															☺					
	ADHT120430R-G88	H	2	3	0.8															☺	●				
	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-D56	M	2	0.8	1.2	☺	●	●	✗	✗			✗	✗	☺	●	●	✗	✗					✗	✗
	ADMT120408R-F56	M	2	0.8	1.2	☺	●	●	✗		●	✗	✗		☺	●	●	✗	✗			●	✗	✗	
	ADMT120408R-G56	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		●	●	✗	✗	●		✗	✗				✗	✗			●		✗	✗
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	ADMT120430R-F56	M	2	3	0.8		●	●	✗	✗	●	✗	✗	✗				✗	✗			●	✗	✗	✗
	ADMT120432R-F56	M	2	3.2	0.8		●	●	✗	✗	●		✗	✗				✗	✗			●		✗	✗
	ADMT120440R-F56	M	2	4	0.4		●	●	✗	✗	●	✗	✗	✗				✗	✗			●	✗	✗	✗

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:

HC = Coated carbide
HW = Uncoated carbide

D2

Helical milling cutters

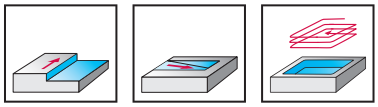
F4138 inch

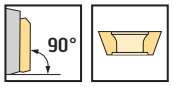
AD .. 1204 .. R

Xtra·tec®



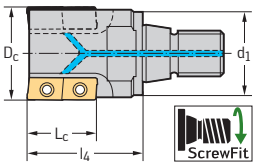
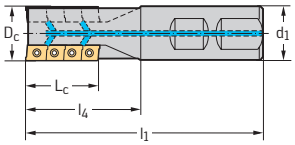
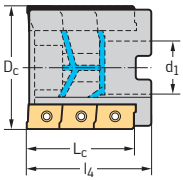
– Full effective design
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4138	●●	●●	●●	●●	●●		●

Tool

	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 ScrewFit	F4138.UT28.031.Z02.33	1.250	T28	1.969		1.300	2	0.008	2 4	AD .. 1204 .. R
	F4138.UT36.038.Z03.33	1.500	T36	2.165		1.300	3	0.013	3 6	
 DIN 1835 B	F4138.UW31.031.Z02.43	1.250	1.250	2.520	4.921	1.693	2	0.020	2 6	AD .. 1204 .. R
 Shell mill mount DIN 138 transverse keyway	F4138.UB19.051.Z04.43	2.000	0.750	2.559		1.690	4	0.024	4 12	AD .. 1204 .. R

Bodies and assembly parts are included in the scope of delivery

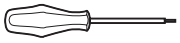
D 2

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

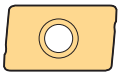
Assembly parts

	D_c [inch]	1.25–1.5	2
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 18 in lbs	FS1457 (T9IP) 18 in lbs
	Clamping screw for arbor-mounted tools		FS1528

Accessories

	D_c [inch]	1.25–2
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	ADGT120404R-F56	G	2	0.4	1.2				●	●			●	●										●	●
	ADGT120416R-D67	G	2	1.6	1				●	●			●	●										●	●
	ADGT120430R-F56	G	2	3	0.8				●				●											●	
	ADGT120440R-F56	G	2	4	0.4				●	●			●	●										●	●
	ADGT1204PER-D51	G	2	0.8	1.2	●	●	●	●	●			●	●			●	●	●					●	●
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	ADGT1204PER-F56	G	2	0.8	1.2				●	●	●		●	●								●		●	●
	ADGT1204PER-G77	G	2	0.8	1.2				●	●	●		●	●								●		●	●
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	ADHT120440R-G88	H	2	4	0.4																●				
	ADHT1204PER-G88	H	2	0.8	1.2															●	●				
	ADKT1204PER-F56	K	2	0.8	1.2	●		●	●	●			●	●	●		●		●					●	●
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	ADMT120416R-F56	M	2	1.6	1		●	●	●	●	●		●	●				●	●			●		●	●
	ADMT120420R-F56	M	2	2	1		●	●	●	●	●		●	●				●	●			●		●	●
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If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:

HC = Coated carbide
HW = Uncoated carbide

D2

Helical milling cutters

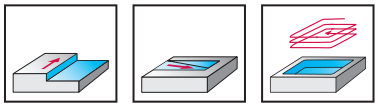
F4238 mm

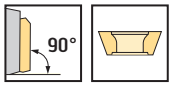
AD .. 1606 .. R

Xtra·tec®



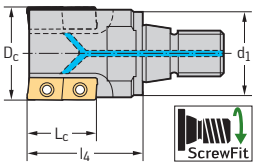
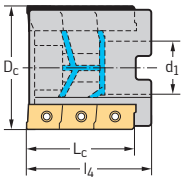
– Full effective design
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F4238	●●	●●	●●	●●	●●		●

Tool

	Designation	D_c mm	d_1 mm	l_4 mm	l_{16} mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	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	
 Shell mill mount DIN 138 transverse keyway	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	1.13	4 12	
	F4238.B32.080.Z05.57	80	32	85		57	5	2	5 15	
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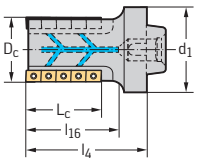
 Modular NCT adaptor	F4238.N6.040.Z03.57	40	63	108	80	57	3	1.05	3 9	AD .. 1606 .. R
	F4238.N8.050.Z03.71	50	80	122	93	71	3	1.96	3 12	
	F4238.N8.063.Z04.85	63	80	136	111	85	4	2.68	4 20	
	F4238.N8.080.Z05.99	80	80	150	130	99	5	4.35	5 30	

Tools mounted on shell mill arbors may require longer mounting bolts in accordance with ISO 4762 - see “Assembly parts and Accessories”
Bodies and assembly parts are included in the scope of delivery

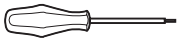
D2

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

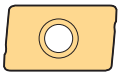
Assembly parts

	D_c [mm]	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 arbor-mounted tools		M10X045 ISO4762 12.9 (SW 8)	M12X055 ISO4762 12.9	M16X070 ISO4762 12.9 (SW 14)

Accessories

	D_c [mm]	40–80
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	ADGT160612R-F56	G	2	1.2	1.6				●				●												●	
	ADGT160616R-D67	G	2	1.6	1				◐	◐			◐	◐											◐	◐
	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-D51	G	2	0.8	1.6	☺	◐	◐	●	●			●	●			◐	●	●						●	●
	ADGT1606PER-D56	G	2	0.8	1.6	☺	◐	◐	●	●			●	●		◐	◐	●	●						●	●
	ADGT1606PER-D67	G	2	0.8	1.6		◐	◐	◐	◐	◐		◐	◐				◐	◐			◐		◐	◐	◐
	ADGT1606PER-F56	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	☺	◐	◐	●		◐	●	●		☺	◐	◐	●	●			◐	●	●		
	ADMT160608R-G56	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			◐	◐	●	●	◐		●	●				●	●			◐		●	●	●

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:

HC = Coated carbide
HW = Uncoated carbide

D2

Helical milling cutters

F4238 inch

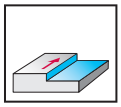
AD .. 1606 .. R

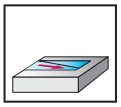
Xtra·tec®

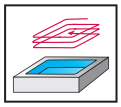


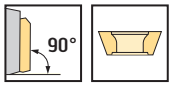


– Full effective design
– 2 cutting edges per indexable insert



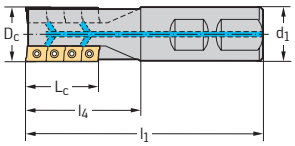
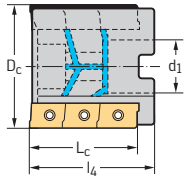
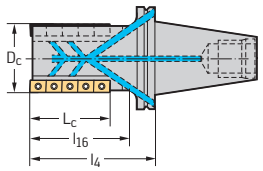






	P	M	K	N	S	H	O
F4238	●●	●●	●●	●●	●●		●

Tool

	Designation	D_c inch	d_1 inch	l_4 inch	l_{16} inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 DIN 1835 B	F4238.UW31.038.Z03.57	1.500	1.250	3.150		5.43	2.244	3	0.028	3 9	AD .. 1606 .. R
	F4238.UW38.051.Z03.90	2.000	1.500	4.528		7.215	3.346	3	0.067	3 15	
 Shell mill mount DIN 138 transverse keyway	F4238.UB19.051.Z03.43	2.000	0.750	2.362			1.693	3	0.020	3 6	AD .. 1606 .. R
	F4238.UB26.064.Z04.57	2.500	1.000	2.953			2.244	4	0.04	4 12	
	F4238.UB31.076.Z05.71	3.000	1.250	3.937			2.795	5	0.084	5 20	
 SK DIN 69871 AD/B	F4238.US5.051.Z03.85	2.000		4.528	4.204		3.346	3	0.145	3 15	AD .. 1606 .. R
	F4238.US5.064.Z04.99	2.500		5.906	5.118		3.898	4	0.186	4 24	

Bodies and assembly parts are included in the scope of delivery

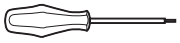
D 2

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

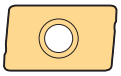
Assembly parts

	D_c [inch]	1.5	2	2.5	3
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 31 in lbs	FS1453 (T15IP) 31 in lbs	FS1453 (T15IP) 31 in lbs	FS1453 (T15IP) 31 in lbs
	Clamping screw for arbor-mounted tools		FS1528	FS1614	FS2280

Accessories

	D_c [inch]	1.5–3
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	ADGT160612R-F56	G	2	1.2	1.6				●				●												●	
	ADGT160616R-D67	G	2	1.6	1				◐	◐			◐	◐											◐	◐
	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-D51	G	2	0.8	1.6	☺	◐	◐	●	●			●	●			◐	●	●						●	●
	ADGT1606PER-D56	G	2	0.8	1.6	☺	◐	◐	●	●			●	●		◐	◐	●	●						●	●
	ADGT1606PER-D67	G	2	0.8	1.6		◐	◐	◐	◐	◐		◐	◐				◐	◐			◐		◐	◐	◐
	ADGT1606PER-F56	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	☺	◐	◐	●		◐	●	●		☺	◐	◐	●	●			◐	●	●		
	ADMT160608R-G56	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			◐	◐	●	●	◐		●	●				●	●			◐		●	●	●

If the corner radius r = 2.0 mm or above, the corner area of the body must be reworked:

HC = Coated carbide
HW = Uncoated carbide

D2

Helical milling cutters

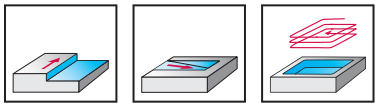
F4338 mm

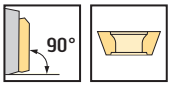
AD .. 1807 .. R

Xtra·tec®



– Full effective design
– 2 cutting edges per indexable insert

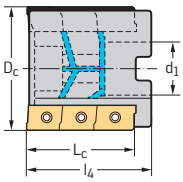




	P	M	K	N	S	H	O
F4338	●●	●●	●●		●●		

Tool

Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
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	



Shell mill mount DIN 138 transverse keyway

Tools mounted on shell mill arbors may require longer mounting bolts in accordance with ISO 4762 - see “Assembly parts and Accessories”

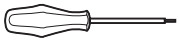
D 2

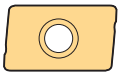
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Assembly parts

	D_c [mm]	63	80
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm	FS1495 (T20IP) 5 Nm
	Clamping screw for arbor-mounted tools	M12X050 ISO4762 12.9 (SW 10)	M16X090 ISO4762 12.9

Accessories

	D_c [mm]	63–80
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSP45G	M HC WSP45S	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSP45G	S HC WSP45S
	ADGT1807PER-D51	G	2	1.2	1.8		●								✖			
	ADGT1807PER-D56	G	2	1.2	1.8		●		✖	✖	✖	✖			✖		✖	✖
	ADMT180712R-D56	M	2	1.2	1.8	☻	●	●	✖	✖	✖	✖	●	●	✖	✖	✖	✖
	ADMT180712R-F56	M	2	1.2	1.8	☻	●	●	✖		✖		●	●	✖	✖	✖	

HC = Coated carbide

D2

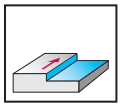
Helical milling cutters

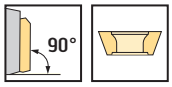
F2338F mm

LP .. 1506 ..



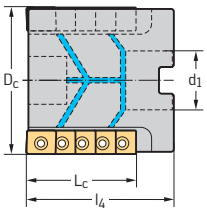
– Full effective design
– 2 or 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2338F	●●	●	●●		●		

Tool



Shell mill mount DIN 138 transverse keyway

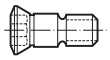
Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
F2338F.B.063.Z03.48	63	27	70	48	3	0.91	3 9	LP .. 1506 ..
F2338F.B.080.Z05.70	80	32	95	70	5	2.05	5 25	
F2338F.B.085.Z05.70	85	32	95	70	5	2.56	5 25	

Tools mounted on shell mill arbors may require longer mounting bolts in accordance with ISO 4762 - see “Assembly parts and Accessories”
Bodies and assembly parts are included in the scope of delivery

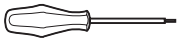
D 2

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

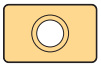
Assembly parts

	D_c [mm]	63–85
	Clamping screw for LP . . Index. insert Tightening torque	FS1153 (T20) 4 Nm
	Clamping screw for SP . . Index. insert Tightening torque	FS1031 (T20) 5 Nm

Accessories

	D_c [mm]	63–85
	Screwdriver for indexable insert	FS228 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSP45G	M HC WSP45S	K HC WKP25S	K HC WKP35S	S HC WSP45G	S HC WSP45S
	LPMT150612R-D51	M	2	1.2		●	●	●	●	●		●	●	●
	LPMT150612R-D57	M	2	1.2	●	●					●	●		
	SPGT120606-F57	G	4	0.6			●	●	●	●			●	●
	SPMT120606-D51	M	4	0.6		●	●	●	●	●		●	●	●
	SPMT120606-D57	M	4	0.6	●	●	●	●	●	●	●	●	●	●

HC = Coated carbide

High-feed milling cutter

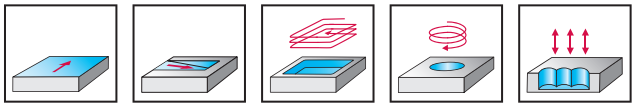
M5008 mm

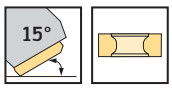
ENMX08T316R

Xtra·tec® XT



– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5008	●●	●●	●●		●●	●●	

Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
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 = ☹

D2

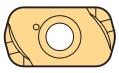
Assembly parts

	D_a [mm]	16–66
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1.2 Nm

Accessories

	D_a [mm]	16–66
	Torque screwdriver, analog	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15	H HC WHH15X
	ENMX08T316R-D27	M	4	1.6	☹	☹	☺	😐	😐	☹	😐		☹	😐	😐	☹	☹	😐		☹	☺	☺
	ENMX08T316R-F47	M	4	1.6			☺	😐	😐	☹	😐	☹	☹	😐	😐	☹	☹	😐	☹	☹		

HC = Coated carbide

D 2

High-feed milling cutter

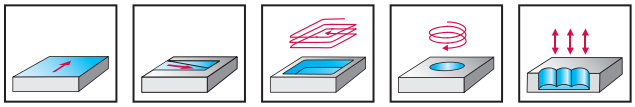
M5008 mm

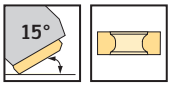
ENMX08T316R

Xtra·tec® XT



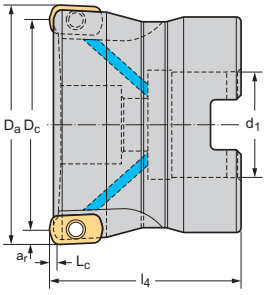
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5008	●●	●●	●●		●●	●●	

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
M5008-032-B16-05-01	26.1	32	16	40		1	2.9	5	0.13	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	0.22	6	
M5008-040-B16-08-01	34.1	40	16	40		1	2.9	8	0.21	8	
M5008-042-B16-06-01	36.1	42	16	40		1	2.9	6	0.23	6	
M5008-042-B16-08-01	36.1	42	16	40		1	2.9	8	0.23	8	
M5008-050-B22-07-01	44.1	50	22	40		1	2.9	7	0.36	7	
M5008-050-B22-09-01	44.1	50	22	40		1	2.9	9	0.36	9	
M5008-052-B22-07-01	46.1	52	22	40		1	2.9	7	0.38	7	
M5008-052-B22-09-01	46.1	52	22	40		1	2.9	9	0.38	9	
M5008-063-B22-08-01	57.1	63	22	40		1	2.9	8	0.52	8	
M5008-063-B22-10-01	57.1	63	22	40		1	2.9	10	0.51	10	
M5008-066-B27-08-01	60.1	66	27	50		1	2.9	8	0.82	8	
M5008-066-B27-10-01	60.1	66	27	50		1	2.9	10	0.81	10	

Bodies and assembly parts are included in the scope of delivery

D 2

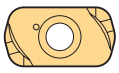
Assembly parts

	D_a [mm]	16–66
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1.2 Nm

Accessories

	D_a [mm]	16–66
	Torque screwdriver, analog	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15	H HC WHH15X
	ENMX08T316R-D27	M	4	1.6	☹	☹	☺	😐	😐	☹	😐		☹	😐	😐	☹	☹	😐		☹	☺	☺
	ENMX08T316R-F47	M	4	1.6			☺	😐	😐	☹	😐	☹	☹	😐	😐	☹	☹	😐	☹	☹		

HC = Coated carbide

D 2

High-feed milling cutter

M5008 inch

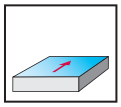
ENMX08T316R

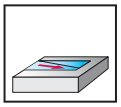
Xtra·tec® XT

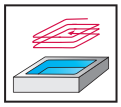


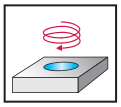


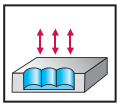
– 4 cutting edges per indexable insert

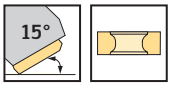












	P	M	K	N	S	H	O
M5008	●●	●●	●●		●●	●●	

Tool

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	a_r inch	Z	lbs	No. of inserts	Type
ScrewFit											
M5008.015-T14-02-01	0.394	0.625	T14	0.984		0.039	0.114	2	0.001	2	ENMX08T316R
M5008.019-T18-03-01	0.516	0.750	T18	1.181		0.039	0.114	3	0.002	3	
M5008.026-T22-04-01	0.768	1.000	T22	1.378		0.039	0.114	4	0.004	4	
M5008.026-T22-05-01	0.768	1.000	T22	1.378		0.039	0.114	5	0.004	5	
M5008.031-T28-05-01	1.016	1.250	T28	1.575		0.039	0.114	5	0.007	5	
M5008.031-T28-06-01	1.016	1.250	T28	1.575		0.039	0.114	6	0.007	6	
M5008.038-T36-06-01	1.268	1.500	T36	1.575		0.039	0.114	6	0.013	6	
M5008.038-T36-08-01	1.268	1.500	T36	1.575		0.039	0.114	8	0.012	8	
Cylindrical shank											
M5008.015-A15-02-01	0.394	0.625	0.625	1.000	4.000	0.039	0.114	2	0.005	2	ENMX08T316R
M5008.019-A19-03-01	0.516	0.750	0.750	1.000	5.000	0.039	0.114	3	0.010	3	
M5008.026-A26-04-01	0.768	1.000	1.000	1.000	5.500	0.039	0.114	4	0.020	4	
M5008.026-A26-05-01	0.768	1.000	1.000	1.000	5.500	0.039	0.114	5	0.020	5	
Shell mill mount DIN 138 transverse keyway											
M5008.038-B19-06-01	1.268	1.500	0.750	1.500		0.039	0.114	6	0.007	6	ENMX08T316R
M5008.038-B19-08-01	1.268	1.500	0.750	1.500		0.039	0.114	8	0.007	8	
M5008.051-B19-07-01	1.768	2.000	0.750	1.500		0.039	0.114	7	0.011	7	
M5008.051-B19-09-01	1.768	2.000	0.750	1.500		0.039	0.114	9	0.01	9	
M5008.064-B26-08-01	2.268	2.500	1.000	1.577		0.039	0.114	8	0.021	8	
M5008.064-B26-10-01	2.268	2.500	1.000	1.577		0.039	0.114	10	0.02	10	

Bodies and assembly parts are included in the scope of delivery

D 2

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

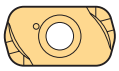
Assembly parts

	D_a [inch]	0.62–1.25	1.5–2	2.5
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 11 in lbs	FS1454 (T8IP) 11 in lbs	FS1454 (T8IP) 11 in lbs
	Clamping screw for arbor-mounted tools		FS1523	FS1519

Accessories

	D_a [inch]	0.62–2.5
	Torque screwdriver, analog	FS2002
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WHH15	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15	H HC WHH15X
	ENMX08T316R-D27	M	4	1.6	●	●	☻	☻	☻	●	☻		●	☻	☻	●	●	☻		●	☻	☻
	ENMX08T316R-F47	M	4	1.6			☻	☻	☻	●	☻	●	●	☻	☻	●	●	☻	●	●		

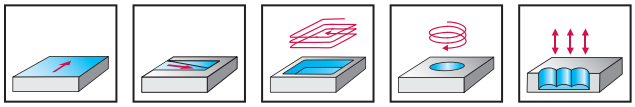
HC = Coated carbide

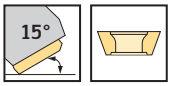
High-feed milling cutter

M4002 mm



– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4002	●●	●●	●●	●●	●●	●	

Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
ScrewFit											
M4002-020-T18-02-01	8.4	20	T18	30		1	6	2	0.07	2	SD .. 06T2 .. SDM . 06T2ZDR
M4002-025-T22-02-01,5	8.3	25	T22	40		1.5	8	2	0.11	2	SD .. 09T3 .. SDMX0904ZDR
M4002-025-T22-03-01	13.4	25	T22	35		1	6	3	0.12	3	SD .. 06T2 .. SDM . 06T2ZDR
M4002-032-T28-03-01,5	15.3	32	T28	40		1.5	8	3	0.16	3	SD .. 09T3 .. SDMX0904ZDR
M4002-032-T28-04-01	20.4	32	T28	40		1	6	4	0.22	4	SD .. 06T2 .. SDM . 06T2ZDR
M4002-035-T28-03-01,5	18.3	35	T28	40		1.5	8	3	0.2	3	SD .. 09T3 .. SDMX0904ZDR
M4002-040-T36-04-01,5	23.3	40	T36	40		1.5	8	4	0.31	4	
M4002-042-T36-03-01,5	25.3	42	T36	40		1.5	8	3	0.34	3	
Cylindrical modular											
M4002-020-TC10-02-01	8.4	20	M10	30		1	6	2	0.06	2	SD .. 06T2 .. SDM . 06T2ZDR
M4002-025-TC12-02-01,5	8.09	25	M12	40		1.5	8	2	0.09	2	SD .. 09T3 .. SDMX0904ZDR
M4002-025-TC12-03-01	13.4	25	M12	35		1	6	3	0.1	3	SD .. 06T2 .. SDM . 06T2ZDR
M4002-032-TC16-03-01,5	15.09	32	M16	40		1.5	8	3	0.14	3	SD .. 09T3 .. SDMX0904ZDR
M4002-032-TC16-04-01	20.4	32	M16	40		1	6	4	0.19	4	SD .. 06T2 .. SDM . 06T2ZDR
M4002-035-TC16-03-01	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
Cylindrical shank											
M4002-020-A20-02-01	8.4	20	20	30	200	1	6	2	0.46	2	SD .. 06T2 .. SDM . 06T2ZDR
M4002-025-A25-03-01	13.4	25	25	35	200	1	6	3	0.75	3	
M4002-032-A32-04-01	20.4	32	32	40	250	1	6	4	1.5	4	

*Measured using SDM.06T204, SDM.09T308, SDM.120408

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, analog	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 HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	SDHT06T204-G88	H	4	0.4														●	●				
	SDMT06T204-D57	M	4	0.4	●	●	●	○		●		○		●	●	○	○				●		○
	SDMT06T204-F57	M	4	0.4	●	●	●	○		●	○	○	●		●	○	○				●	○	○
	SDMT06T208-F57	M	4	0.8		●	●	○				○				○	○						○
	SDMT06T212-F57	M	4	1.2		●	●	○		●	○	○				○	○				●	○	○
	SDMW06T204-A57	M	4	0.4	●	○	○								●	○	○						
	SDHT09T308-G88	H	4	0.8														●	●				
	SDMT09T308-D57	M	4	0.8	●	●	●	○		●		○		●	●	○	○				●		○
	SDMT09T308-F57	M	4	0.8	●	●	●	○		●	○	○	●		●	○	○				●	○	○
	SDMT09T312-F57	M	4	1.2		●	●	○				○				○	○						○
	SDMT09T316-F57	M	4	1.6		●	●	○				○				○	○						○
	SDMT09T320-F57	M	4	2		●	●	○		●	○	○				○	○				●	○	○
	SDMW09T308-A57	M	4	0.8	●	○	○								●	○	○						
	SDMW09T320-A57	M	4	2		○	○	○		●		○		●		○	○				●		○
	SDMX0904ZDR-E27	M	4	1		●	●	○		●	○	○				○	○				●	○	○
	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		●	●	○		●	○	○				○	○				●	○	○
	SDMX1205ZDR-E57	M	4	2		●		○	○		○	○				○				○		○	○
	SDMX0904ZDR-E57	M	4	1		●		○	○		○	○				○				○		○	○
	SDMT06T2ZDR-D57	M	4	0.4		●	●	○				○				○	○						○
	SDMT09T3ZDR-D57	M	4	0.8		●	●	○				○				○	○						○
	SDMT1204ZDR-D57	M	4	0.8		●	●	○				○				○	○						○

For SD..120425 indexable inserts, the circumference of the body must be reworked.

HC = Coated carbide
HW = Uncoated carbide

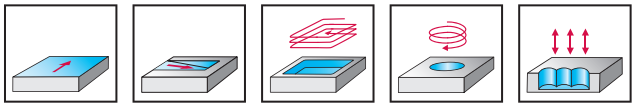
D2

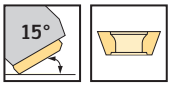
High-feed milling cutter

M4002 mm



– 4 cutting edges per indexable insert

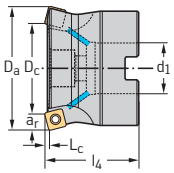




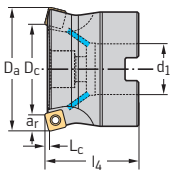
	P	M	K	N	S	H	O
M4002	●●	●●	●●	●●	●●	●	

Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
M4002-040-B16-05-01	28.4	40	16	40		1	6	5	0.22	5	SD .. 06T2 .. SDM . 06T2ZDR
M4002-042-B16-04-01,5	25.3	42	16	40		1.5	8	4	0.2	4	SD .. 09T3 .. SDMX0904ZDR
M4002-050-B22-04-02	27.2	50	22	40		2	11	4	0.29	4	SD .. 1204 .. SDMX1205ZDR
M4002-050-B22-05-01,5	33.3	50	22	40		1.5	8	5	0.29	5	SD .. 09T3 .. SDMX0904ZDR
M4002-050-B22-05-02	27.2	50	22	40		2	11	5	0.29	5	SD .. 1204 .. SDMX1205ZDR
M4002-052-B22-04-01,5	35.3	52	22	40		1.5	8	4	0.37	4	SD .. 09T3 .. SDMX0904ZDR
M4002-052-B22-04-02	29.2	52	22	40		2	11	4	0.32	4	SD .. 1204 .. SDMX1205ZDR
M4002-052-B22-05-01,5	35.3	52	22	40		1.5	8	5	0.34	5	SD .. 09T3 .. SDMX0904ZDR
M4002-052-B22-05-02	29.2	52	22	40		2	11	5	0.35	5	SD .. 1204 .. SDMX1205ZDR
M4002-052-B22-06-01	40.4	52	22	40		1	6	6	0.41	6	SD .. 06T2 .. SDM . 06T2ZDR
M4002-063-B22-05-02	40.2	63	22	40		2	11	5	0.55	5	SD .. 1204 .. SDMX1205ZDR
M4002-063-B22-06-01,5	46.3	63	22	50		1.5	8	6	0.75	6	SD .. 09T3 .. SDMX0904ZDR
M4002-063-B22-06-02	40.2	63	22	40		2	11	6	0.52	6	SD .. 1204 .. SDMX1205ZDR
M4002-066-B27-04-02	43.2	66	27	50		2	11	4	0.79	4	
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	0.77	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	0.79	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	1.29	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	2.6	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



Shell mill mount DIN 138 transverse keyway

*Measured using SDM.06T204, SDM.09T308, SDM.120408

D2

Assembly parts

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Torque screwdriver, analog	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 HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	SDHT06T204-G88	H	4	0.4														●	●				
	SDMT06T204-D57	M	4	0.4	●	●	●	○		●		○		●	●	○	○				●		○
	SDMT06T204-F57	M	4	0.4	●	●	●	○		●	○	○	●		●	○	○				●	○	○
	SDMT06T208-F57	M	4	0.8		●	●	○				○				○	○						○
	SDMT06T212-F57	M	4	1.2		●	●	○		●	○	○				○	○				●	○	○
	SDMW06T204-A57	M	4	0.4	●	○	○								●	○	○						
	SDHT09T308-G88	H	4	0.8														●	●				
	SDMT09T308-D57	M	4	0.8	●	●	●	○		●		○		●	●	○	○				●		○
	SDMT09T308-F57	M	4	0.8	●	●	●	○		●	○	○	●		●	○	○				●	○	○
	SDMT09T312-F57	M	4	1.2		●	●	○				○				○	○						○
	SDMT09T316-F57	M	4	1.6		●	●	○				○				○	○						○
	SDMT09T320-F57	M	4	2		●	●	○		●	○	○				○	○				●	○	○
	SDMW09T308-A57	M	4	0.8	●	○	○								●	○	○						
	SDMW09T320-A57	M	4	2		○	○	○		●		○		●		○	○				●		○
	SDMX0904ZDR-E27	M	4	1		●	●	○		●	○	○				○	○				●	○	○
	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		●	●	○		●	○	○				○	○				●	○	○
	SDMX1205ZDR-E57	M	4	2		●		○	○		○	○				○				○		○	○
	SDMX0904ZDR-E57	M	4	1		●		○	○		○	○				○				○		○	○
	SDMT06T2ZDR-D57	M	4	0.4		●	●	○				○				○	○						○
	SDMT09T3ZDR-D57	M	4	0.8		●	●	○				○				○	○						○
	SDMT1204ZDR-D57	M	4	0.8		●	●	○				○				○	○						○

For SD..120425 indexable inserts, the circumference of the body must be reworked.

HC = Coated carbide
HW = Uncoated carbide

D2

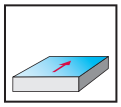
High-feed milling cutter

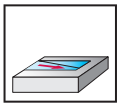
M4002 inch

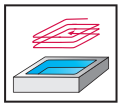


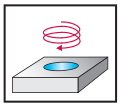


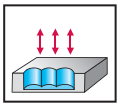
– 4 cutting edges per indexable insert















	P	M	K	N	S	H	O
M4002	●●	●●	●●	●●	●●	●	

Tool

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	a_r inch	Z	lbs	No. of inserts	Type
ScrewFit											
M4002.019-T18-02-01	0.291	0.750	T18	1.181		0.039	0.224	2	0.003	2	SD .. 06T2 .. SDM . 06T2ZDR
M4002.026-T22-02-01,5	0.339	1.000	T22	1.575		0.059	0.330	2	0	2	SD .. 09T3 .. SDMX0904ZDR
M4002.026-T22-03-01	0.543	1.000	T22	1.378		0.039	0.224	3	0.004	3	SD .. 06T2 .. SDM . 06T2ZDR
M4002.031-T28-03-01,5	0.593	1.250	T28	1.575		0.059	0.330	3	0.006	3	SD .. 09T3 .. SDMX0904ZDR
M4002.031-T28-04-01	0.795	1.250	T28	1.575		0.039	0.224	4	0.008	4	SD .. 06T2 .. SDM . 06T2ZDR
M4002.038-T36-04-01,5	0.843	1.500	T36	1.575		0.059	0.330	4	0.012	4	SD .. 09T3 .. SDMX0904ZDR
Cylindrical shank											
M4002.019-A19-02-01	0.291	0.750	0.750	1.181	7.874	0.039	0.224	2	0.016	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	0.030	3	
M4002.031-A31-04-01	0.795	1.250	1.250	1.575	9.843	0.039	0.224	4	0.058	4	
Shell mill mount DIN 138 transverse keyway											
M4002.051-B19-04-02	1.094	2.000	0.750	1.575		0.079	0.45	4	0.014	4	SD .. 1204 .. SDMX1205ZDR
M4002.051-B19-05-01,5	1.337	2.000	0.750	1.575		0.059	0.330	5	0.014	5	SD .. 09T3 .. SDMX0904ZDR
M4002.051-B19-07-01	1.543	2.000	0.750	1.575		0.039	0.224	7	0.015	7	SD .. 06T2 .. SDM . 06T2ZDR
M4002.064-B19-05-02	1.594	2.500	0.750	1.969		0.079	0.45	5	0.023	5	SD .. 1204 .. SDMX1205ZDR
M4002.064-B19-06-01,5	1.843	2.500	0.750	1.969		0.059	0.330	6	0.031	6	SD .. 09T3 .. SDMX0904ZDR
M4002.076-B26-06-02	2.094	3.000	1.000	1.969		0.079	0.45	6	0.046	6	SD .. 1204 .. SDMX1205ZDR
M4002.102-B38-07-02	3.094	4.000	1.500	2.48		0.079	0.45	7	0.104	7	

*Measured using SDM.06T204, SDM.09T308, SDM.120408

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) 8 in lbs	FS2266 (T10IP) 18 in lbs	FS1453 (T15IP) 31 in lbs
	Clamping screw for arbor-mounted tools		FS1523	FS1523

Accessories

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Torque screwdriver, analog	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 mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	SDHT06T204-G88	H	4	0.4														●	●				
	SDMT06T204-D57	M	4	0.4	●	●	●	●		●		●		●	●	●	●				●		●
	SDMT06T204-F57	M	4	0.4	●	●	●	●		●	●	●	●		●	●	●				●	●	●
	SDMT06T208-F57	M	4	0.8		●	●	●				●				●	●						●
	SDMT06T212-F57	M	4	1.2		●	●	●		●	●	●				●	●				●	●	●
	SDMW06T204-A57	M	4	0.4	●	●	●								●	●	●						
	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		●	●	●		●	●	●				●	●				●	●	●
	SDMX1205ZDR-E57	M	4	2		●		●	●		●	●				●				●		●	●
	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		●	●	●		●	●	●				●	●				●	●	●
	SDMT06T2ZDR-D57	M	4	0.4		●	●	●				●				●	●						●
	SDMT1204ZDR-D57	M	4	0.8		●	●	●				●				●	●						●
	SDMT09T3ZDR-D57	M	4	0.8		●	●	●				●				●	●						●

For SD..120425 indexable inserts, the circumference of the body must be reworked.

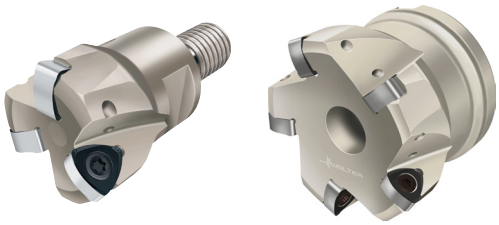
HC = Coated carbide
HW = Uncoated carbide

D2

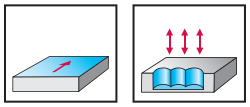
High-feed milling cutter

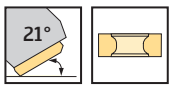
F4030 mm

Xtra·tec®



– f_z up to 3.5 mm
– 6 cutting edges per indexable insert

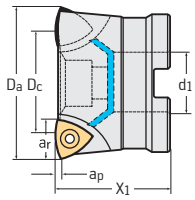




	P	M	K	N	S	H	O
F4030	●●	●●	●●		●●		

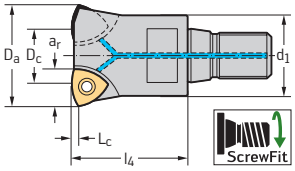
Tool

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.B22.050.Z05.01	38.4	50	22	40		1	7	5	0.55	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	0.9	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	2.53	6	
F4030.B32.100.Z07.02	82	100	32	50		2	10	7	2.47	7	



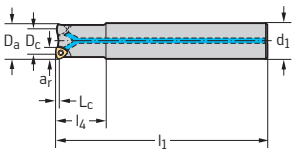
Shell mill mount DIN 138 transverse keyway

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	
F4030.T45.050.Z04.02	32	50	T45	45		2	10	4	0.48	4	P23696-2 . 0



ScrewFit

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	



Cylindrical shank

Pre-balanced tools
Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [mm]	13.4–40.4	32–82
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm	FS2081 (T15IP) 4 Nm

Accessories

	D_c [mm]	13.4–40.4	32–82
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2014 (T15IP)
	Screwdriver	FS1486 (T20IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSP45G
	P23696-1.0	M	6	1.2	●	●	●	○	●	○	●	○	○	●	○
	P23696-2.0	M	6	1.6	●	●	●	○	●	○	●	○	○	●	○

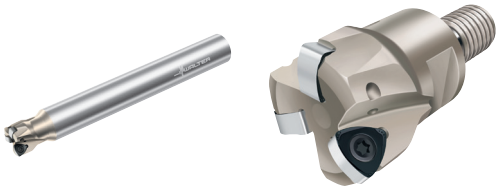
HC = Coated carbide

D2

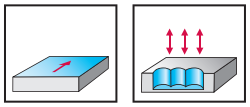
High-feed milling cutter

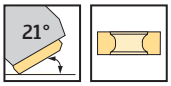
F4030 inch

Xtra·tec®



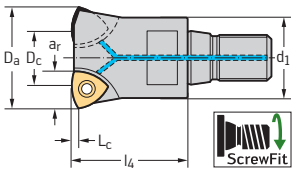
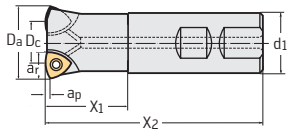
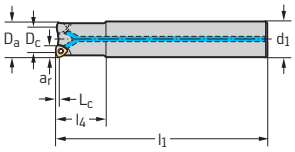
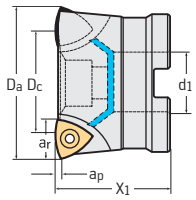
– f_z up to 3.5 mm
– 6 cutting edges per indexable insert





	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	lbs	No. of inserts	Type
 ScrewFit	F4030.UT22.026.Z02.01	0.543	1.000	T22	1.378		0.039	0.236	2	0.005	2	P23696-1 . 0
	F4030.UT28.031.Z03.01	0.793	1.250	T28	1.575		0.039	0.276	3	0.008	3	
	F4030.UT36.038.Z03.01	1.043	1.500	T36	1.575		0.039	0.276	3	0.014	3	
	F4030.UT45.051.Z04.02	1.291	2.000	T45	1.772		0.079	0.394	4	0.019	4	P23696-2 . 0
 DIN 1835 B	F4030.UW26.031.Z03.01	0.793	1.250	1.000	2.09	4.371	0.039	0.276	3	0.016	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	0.017	2	P23696-1 . 0
	F4030.UZ26.031.Z03.01	0.793	1.250	1.000	3.000	10.000	0.039	0.374	3	0.038	3	
	F4030.UZ31.038.Z03.01	1.043	1.500	1.250	3.000	10.000	0.039	0.236	3	0.061	3	
 Shell mill mount DIN 138 transverse keyway	F4030.UB19.051.Z05.01	1.543	2.000	0.750	1.575		0.039	0.276	5	0.023	5	P23696-1 . 0
	F4030.UB26.064.Z05.02	1.791	2.500	1.000	1.969		0.079	0.394	5	0.033	5	P23696-2 . 0
	F4030.UB26.076.Z05.02	2.173	3.000	1.000	1.969		0.079	0.394	5	0.044	5	
	F4030.UB26.076.Z06.02	2.173	3.000	1.000	1.969		0.079	0.394	6	0.042	6	
	F4030.UB38.102.Z06.02	3.291	4.000	1.500	2.480		0.079	0.394	6	0.091	6	
	F4030.UB38.102.Z07.02	3.291	4.000	1.500	2.480		0.079	0.394	7	0.125	7	

Pre-balanced tools
Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [inch]	0.54–1.04	1.29	1.54	1.79	2.17	3.29
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 35 in lbs	FS1495 (T20IP) 44 in lbs	FS2081 (T15IP) 35 in lbs	FS1495 (T20IP) 44 in lbs	FS1495 (T20IP) 44 in lbs	FS1495 (T20IP) 44 in lbs
	Clamping screw for arbor-mounted tools			FS1523	FS1523	FS1519	FS1583

Accessories

	D_c [inch]	0.54–1.54	1.29–3.29
	Torque screwdriver, analog	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 mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSP45G	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSP45G
	P23696-1.0	M	6	1.2	●	●	●	○	●	○	●	○	○	●	○
	P23696-2.0	M	6	1.6	●	●	●	○	●	○	●	○	○	●	○

HC = Coated carbide

D2

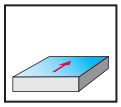
High-feed milling cutter

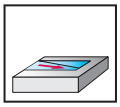
F2330 mm

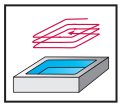


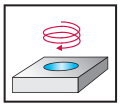


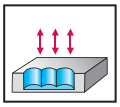
– f_z up to 3.5 mm
– 3 cutting edges per indexable insert

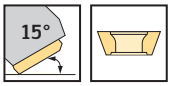












	P	M	K	N	S	H	O
F2330	●●	●●	●●		●●		

Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
ScrewFit											
F2330.T18.020.Z02.01	10	20	T18	30		1	8	2	0.08	2	P2633 . R10 P26379-R10
F2330.T22.025.Z03.01	15	25	T22	35		1	8	3	0.12	3	
F2330.T28.032.Z03.01,5	18	32	T28	40		1.5	11	3	0.2	3	P2633 . R14 P26379-R14
F2330.T28.035.Z03.01,5	21	35	T28	40		1.5	11	3	0.21	3	
F2330.T36.040.Z03.01,5	26	40	T36	40		1.5	11	3	0.37	3	
F2330.T36.042.Z03.01,5	28	42	T36	40		1.5	11	3	0.38	3	
Cylindrical shank											
F2330.Z20.020.Z02.01	10	20	20	30	200	1	8	2	0.49	2	P2633 . R10 P26379-R10
F2330.Z25.025.Z03.01	15	25	25	35	200	1	8	3	0.76	3	
F2330.Z32.032.Z03.01,5	18	32	32	40	250	1.5	11	3	1.48	3	P2633 . R14 P26379-R14
Shell mill mount DIN 138 transverse keyway											
F2330.B.052.Z03.02	32	52	22	40		2	16	3	0.36	3	P2633 . R25 P26379-R25
F2330.B.052.Z05.01,5	38	52	22	40		1.5	11	5	0.41	5	P2633 . R14 P26379-R14
F2330.B.066.Z04.02	46	66	27	50		2	16	4	0.72	4	P2633 . R25 P26379-R25
F2330.B.066.Z06.01,5	52	66	27	50		1.5	11	6	0.78	6	P2633 . R14 P26379-R14
F2330.B.085.Z05.02	65	85	27	50		2	16	5	1.01	5	P2633 . R25 P26379-R25
F2330.B.085.Z07.01,5	71	85	27	50		1.5	11	7	1.09	7	P2633 . R14 P26379-R14
F2330.B22.050.Z04.01,5	30	50	22	40		1.5	11	4	0.36	4	
F2330.B22.063.Z05.01,5	49	63	22	50		1.5	11	5	0.69	5	

The actual cutting edge diameter is 51.3 mm where D_a = 52 mm, 65.3 mm where D_a = 66 and 84.3 mm where D_a = 85
*Da measured using P26325-R25 master insert with 0.8 mm radius
Bodies and assembly parts are included in the scope of delivery

D2

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

Assembly parts

	D_c [mm]	10–15	18–71	32–65
	Clamping screw for indexable insert Tightening torque	FS923 (T8) 1.2 Nm	FS359 (T15) 2.5 Nm	FS1030 (T20) 5 Nm

Accessories

	D_c [mm]	10–15	18–71	32–65
	Screwdriver for indexable insert	FS230 (T8)	FS229 (T15)	FS228 (T20)
	Torque T-handle			FS2041
	Torque screwdriver, analog	FS2001	FS2003	
	Torque screwdriver, digital	FS2248	FS2248	
	Interchangeable blade			FS2044 (T20)
	Interchangeable blade	FS2007 (T8)	FS2009 (T15)	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P				M			K		S		
							HC			HC			HC		HC	
					WKP35G	WKP35S	WSP45G	WSP45S	WSM35S	WSP45G	WSP45S	WKP35G	WKP35S	WSM35S	WSP45G	WSP45S
	P26335R25	M	3	2	●	●	●		●	●		●	●	●	●	
	P26337R25	M	3	2	●	●	●	●		●	●	●	●		●	●
	P26339R25	M	3	2	●	●	●		●	●		●	●	●	●	
	P26379-R25	M	3	2	●	●	●			●		●	●		●	
	P26335R14	M	3	1.2	●	●	●		●	●		●	●	●	●	
	P26337R14	M	3	1.2	●	●	●	●		●	●	●	●		●	●
	P26339R14	M	3	1.2	●	●	●		●	●		●	●	●	●	
	P26379-R14	M	3	1.2	●	●	●			●		●	●		●	
	P26335R10	M	3	0.8	●	●	●		●	●		●	●	●	●	
	P26337R10	M	3	0.8	●	●	●	●		●	●	●	●		●	●
	P26339R10	M	3	0.8	●	●	●		●	●		●	●	●	●	
	P26379-R10	M	3	0.8			●			●					●	

HC = Coated carbide

D2

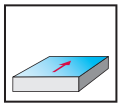
High-feed milling cutter

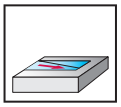
F2330 inch

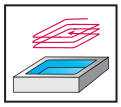


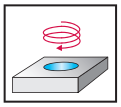


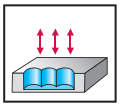
– f_z up to 3.5 mm
– 3 cutting edges per indexable insert

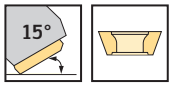












	P	M	K	N	S	H	O
F2330	●●	●●	●●		●●		

Tool

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	a_r inch	Z	lbs	No. of inserts	Type
ScrewFit											
F2330.UT18.019.Z02.01	0.356	0.750	T18	1.181		0.039	0.311	2	0.003	2	P2633 . R10 P26379-R10
F2330.UT22.026.Z03.01	0.606	1.000	T22	1.378		0.039	0.311	3	0.005	3	
F2330.UT28.031.Z03.01.5	0.699	1.250	T28	1.575		0.059	0.437	3	0.009	3	P2633 . R14 P26379-R14
F2330.UT36.038.Z03.01.5	0.949	1.500	T36	1.575		0.059	0.437	3	0.014	3	
DIN 1835 B											
F2330.UW15.019.Z02.01	0.356	0.750	0.625	1.840	3.750	0.039	0.311	2	0.006	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	0.009	3	
F2330.UW26.031.Z03.01,5	0.699	1.250	1.000	2.087	4.380	0.059	0.437	3	0.016	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	0.013	3	
Cylindrical shank											
F2330.UZ15.019.Z02.01	0.356	0.750	0.625	2.000	8.000	0.039	0.311	2	0.013	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	0.018	3	
F2330.UZ26.031.Z03.01,5	0.699	1.250	1.000	3.000	10.000	0.059	0.437	3	0.035	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	0.057	3	
Shell mill mount DIN 138 transverse keyway											
F2330.UB19.051.Z05.01,5	1.562	2.000	0.750	1.575		0.059	0.437	5	0.014	5	P2633 . R14 P26379-R14
F2330.UB19.064.Z05.01,5	2.060	2.500	0.750	1.575		0.059	0.437	6	0.032	6	
F2330.UB26.064.Z04.02	2.060	2.500	1.000	1.969		0.079	0.634	4	0.028	4	P2633 . R25 P26379-R25
F2330.UB26.076.Z05.02	2.060	3.000	1.000	1.969		0.079	0.634	5	0.039	5	
F2330.UB26.076.Z06.01,5	2.060	3.000	1.000	1.969		0.059	0.437	6	0.048	6	P2633 . R14 P26379-R14
F2330.UB38.102.Z06.02	3.213	4.000	1.500	2.48		0.079	0.634	6	0.100	6	P2633 . R25 P26379-R25

Bodies and assembly parts are included in the scope of delivery

D2

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

Assembly parts

	D_c [inch]	0.36–0.61	0.7–0.95	1.56	2.06	3.21
	Clamping screw for indexable insert Tightening torque	FS923 (T8) 11 in lbs	FS359 (T15) 22 in lbs	FS359 (T15) 22 in lbs	FS359 (T15) 22 in lbs	FS1030 (T20) 44 in lbs
	Clamping screw for arbor-mounted tools			FS1523	FS1519	FS1583

Accessories

	D_c [inch]	0.36–0.61	0.7–2.06	3.21
	Screwdriver for indexable insert	FS230 (T8)	FS229 (T15)	FS228 (T20)
	Torque T-handle			FS2042
	Torque screwdriver, analog	FS2002	FS2004	
	Torque screwdriver, digital	FS2248	FS2248	
	Interchangeable blade			FS2044 (T20)
	Interchangeable blade	FS2007 (T8)	FS2009 (T15)	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSP45G	S HC WSP45S
	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	●	●	●			●		●	●		●	
	P26335R10	M	3	0.8	●	●	●		●	●		●	●	●	●	
	P26337R10	M	3	0.8	●	●	●	●		●	●	●	●		●	●
	P26339R10	M	3	0.8	●	●	●		●	●		●	●	●	●	
	P26379-R10	M	3	0.8			●			●					●	

HC = Coated carbide

D2

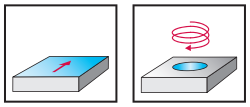
High-feed milling cutter

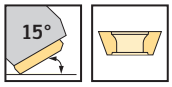
F2010 mm

P2633 . R25; P26379-R25

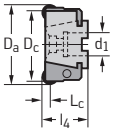
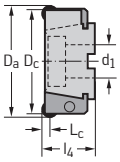
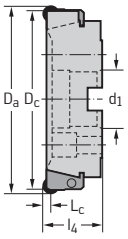
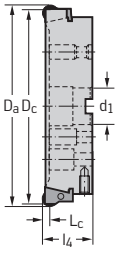


– f_z up to 3.5 mm
– 3 cutting edges per indexable insert, adjustable runout





	P	M	K	N	S	H	O
F2010	●●	●●	●●		●●		

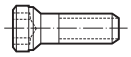
Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.02.R729M	70	87	27	50	2		6	1.24	6	P2633 . R25 P26379-R25
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07.02.R729M	90	107	32	50	2		7	1.8	7	P2633 . R25 P26379-R25
	F2010.B.125.Z08.02.R729M	115	132	40	63	2		8	3.62	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.02.R729M	150	167	40	63	2		10	5.64	10	P2633 . R25 P26379-R25
	F2010.B.200.Z12.02.R729M	190	207	60	63	2		12	10	12	
	F2010.B.250.Z12.02.R729M	240	257	60	63	2		12	16.13	12	
	F2010.B.250.Z16.02.R729M	240	257	60	63	2		16	16.22	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.02.R729M	305	322.15	60	80	2		14	26.3	14	P2633 . R25 P26379-R25
	F2010.B.315.Z18.02.R729M	305	322.15	60	80	2		18	27.2	18	

Bodies and assembly parts are included in the scope of delivery

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

D2

Assembly parts

	D_c [mm]	70–305
	Cartridge for tool body	FR729M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1030 (T20) 5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	70–305
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Interchangeable blade	FS2044 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSP45G	S HC WSP45S
	P26335R25	M	3	2	●	●	●		◐	●		●	●	◐	●	
	P26337R25	M	3	2	●	●	●	●		●	●	●	●		●	●
	P26339R25	M	3	2	●	●	●		◐	●		●	●	◐	●	
	P26379-R25	M	3	2	●	●	●			●		●	●		●	

HC = Coated carbide

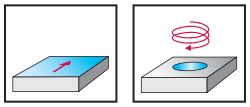
High-feed milling cutter

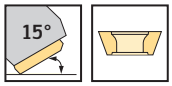
F2010 mm

SD .. 1204 ..; SDMX1205ZDR

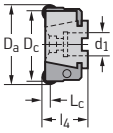
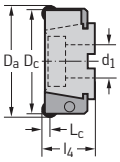
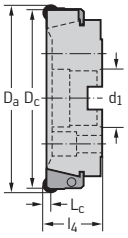
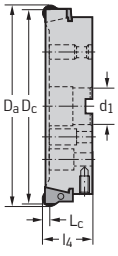


– Adjustable runout
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2010	●●	●●	●●	●●	●●	●	

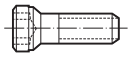
Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	a_r mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.08.R755M	69.93	93	27	50	2	11	6	1.3	6	SD .. 1204 .. SDMX1205ZDR
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07.08.R755M	89.93	113	32	50	2	11	7	1.9	7	SD .. 1204 .. SDMX1205ZDR
	F2010.B.125.Z08.08.R755M	114.93	138	40	63	2	11	8	3.6	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.08.R755M	149.93	173	40	63	2	11	10	5.6	10	SD .. 1204 .. SDMX1205ZDR
	F2010.B.200.Z12.08.R755M	189.93	213	60	63	2	11	12	9.89	12	
	F2010.B.250.Z12.08.R755M	239.93	263	60	63	2	11	12	14.8	12	
	F2010.B.250.Z16.08.R755M	239.93	263	60	63	2	11	16	14.6	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.08.R755M	304.93	328	60	80	2	11	14	26.3	14	SD .. 1204 .. SDMX1205ZDR
	F2010.B.315.Z18.08.R755M	304.93	328	60	80	2	11	18	26.2	18	

*Measured using SDM.120408
Bodies and assembly parts are included in the scope of delivery

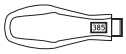
D2

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

Assembly parts

	D_c [mm]	69.93–304.93
	Cartridge for tool body	FR755M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	69.93–304.93
	Torque screwdriver, analog	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	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35G	S HC WSM35S	S HC WSM45X	S HC WSP45G
	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		😐	😐	☹		😐	☹	☹				☹	☹				😐	☹	☹
	SDMX1205ZDR-E57	M	4	2		😐		☹	☹		☹	☹				☹				☹		☹	☹
	SDMT1204ZDR-D57	M	4	0.8		😐	😐	☹				☹				☹	☹						☹

SD..1204.. : If the corner radius r is greater than 0.8 mm, the corner area of the cartridge must be reworked.

HC = Coated carbide
HW = Uncoated carbide

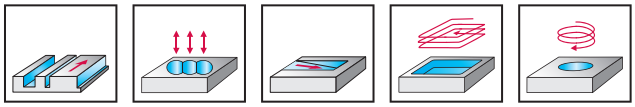
D 2

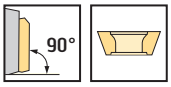
Routing cutters

M4791 inch



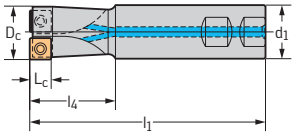
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4791	●●	●●	●●	●●	●●	●	

Tool



DIN 1835 B

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M4791.019-W19-01-06	0.750	0.750	1.529	3.560	0.22	1	0.006	1 1	SDM . 06T204
M4791.026-W26-01-09	1.000	1.000	2.844	5.125	0.331	1	0.015	1 1	SDM . 09T308
M4791.028-W19-01-09	1.125	0.750	1.250	3.310	0.331	1	0.006	1 1	
M4791.031-W31-01-12	1.250	1.250	3.219	5.500	0.457	1	0.026	1 1	SDM . 120408
M4791.035-W31-01-12	1.375	1.250	1.500	3.82	0.457	1	0.017	1 1	
M4791.038-W31-01-12	1.500	1.250	3.219	5.500	0.457	1	0.027	1 1	
M4791.044-W31-01-12	1.750	1.250	2.000	5.500	0.457	1	0.028	1 1	

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [inch]	0.75	1–1.12	1.25–1.75
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 8 in lbs	FS2266 (T10IP) 18 in lbs	FS1453 (T15IP) 31 in lbs

Accessories

	D_c [inch]	0.75	1–1.12	1.25–1.75
	Torque screwdriver, analog	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 mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC 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	●	●	●							●	●	●						
	SDGW09T304-A88	G	1	0.4													●					
	SDHT09T304-G88	H	4	0.4														●	●			
	SDHT09T308-G88	H	4	0.8														●	●			
	SDMT09T304-F57	M	4	0.4		●	●	●			●				●	●						●
	SDMT09T308-D51	M	4	0.8	●	●	●	●			●			●	●	●						●
	SDMT09T308-D57	M	4	0.8	●	●	●	●	●		●		●	●	●	●				●		●
	SDMT09T308-F57	M	4	0.8	●	●	●	●	●	●	●	●		●	●	●				●	●	●
	SDMW09T308-A57	M	4	0.8	●	●	●							●	●	●						
	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	●	●	●	●	●	●	●	●		●	●	●				●	●	●
	SDMW120408-A57	M	4	0.8	●	●	●							●	●	●						

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

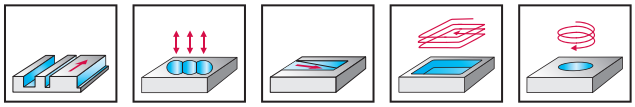
D2

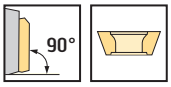
Routing cutters

M4792 inch



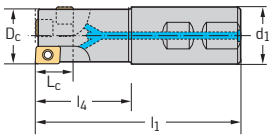
– 2 or 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4792	●●	●●	●●		●●		

Tool



DIN 1835 B

Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M4792.019-W26-01-13	0.750	1.000	1.339	3.621	0.535	1	0.011	1 1	LDM . 08T204R SDM . 06T204
M4792.026-W26-01-13	1.000	1.000	1.693	3.974	0.524	1	0.013	1	LDM . 14T308R SDM . 09T308
M4792.031-W31-01-20	1.250	1.250	2.126	4.407	0.819	1	0.022	1 1	
M4792.038-W31-01-26	1.500	1.250	2.520	4.997	1.059	1	0.030	1 1	LDM . 1704 .. R SDM . 120408

Bodies and assembly parts are included in the scope of delivery

D 2

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

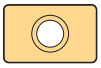
Assembly parts

	D_c [inch]	0.75	1–1.25	1.5
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 8 in lbs	FS2266 (T10IP) 18 in lbs	FS1453 (T15IP) 31 in lbs

Accessories

	D_c [inch]	0.75	1–1.25	1.5
	Torque screwdriver, analog	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 mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSP45G	S HC WSP45S
	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		●	■	■								●	■	■			
	SDMT09T304-F57	M	4	0.4			●	●	■			■					■	■		■	
	SDMT09T308-D51	M	4	0.8		●	●	●	■			■				●	■	■		■	
	SDMT09T308-D57	M	4	0.8		●	●	●	■		●	■			●	●	■	■	●	■	
	SDMT09T308-F57	M	4	0.8		●	●	●	■		●	■		●		●	■	■	●	■	
	SDMW09T308-A57	M	4	0.8		●	■	■								●	■	■			
	SDMT120408-D51	M	4	0.8		●	●	●	■			■				●	■	■		■	
	SDMT120408-D57	M	4	0.8		●	●	●	■		●	■			●	●	■	■	●	■	
	SDMT120408-F57	M	4	0.8		●	●	●	■		●	■		●		●	■	■	●	■	
	SDMW120408-A57	M	4	0.8		●	■	■								●	■	■			

HC = Coated carbide

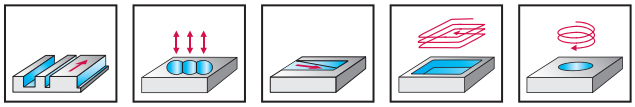
D 2

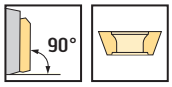
Routing cutters

M4792 mm



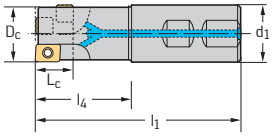
– 2 or 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4792	●●	●●	●●		●●		

Tool



DIN 1835 B

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
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	0.18	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

D 2

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

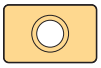
Assembly parts

	D_c [mm]	18–20	25–32	40
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	18–20	25–32	40
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

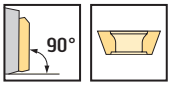
	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSP45G	S HC WSP45S
	LDMT08T204R-D51	M	2	0.4	0.8	●	●	●	■	■		■	■			●	■	■		■	■
	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		●	■	■								●	■	■			
	SDMT09T304-F57	M	4	0.4			●	●	■			■					■	■		■	
	SDMT09T308-D51	M	4	0.8		●	●	●	■			■				●	■	■		■	
	SDMT09T308-D57	M	4	0.8		●	●	●	■		●	■			●	●	■	■	●	■	
	SDMT09T308-F57	M	4	0.8		●	●	●	■		●	■		●		●	■	■	●	■	
	SDMW09T308-A57	M	4	0.8		●	■	■								●	■	■			
	SDMT120408-D51	M	4	0.8		●	●	●	■			■				●	■	■		■	
	SDMT120408-D57	M	4	0.8		●	●	●	■		●	■			●	●	■	■	●	■	
	SDMT120408-F57	M	4	0.8		●	●	●	■		●	■		●		●	■	■	●	■	
	SDMW120408-A57	M	4	0.8		●	■	■								●	■	■			

HC = Coated carbide

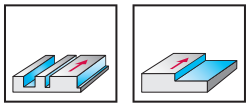
D 2

Helical milling cutters
M4256 / M4257 / M4258 mm



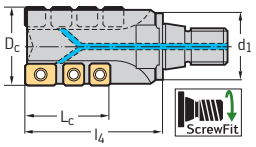
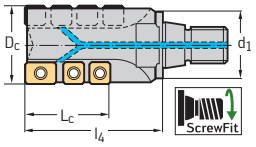
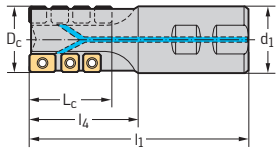
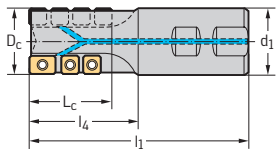
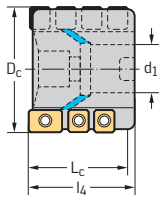


– Half effective design
– 2 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4256	●●	●●	●●		●●		
M4257	●●	●●	●●		●●		
M4258	●●	●●	●●		●●		

Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit									
M4256-025-T22-02-27	25	T22	40		27	2	0.11	2 10	LDM . 08T204R
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
 DIN 1835 B									
M4256-020-W20-01-27	20	20	35	86	27	1	0.18	1 5	LDM . 08T204R
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
 Shell mill mount DIN 138 transverse keyway									
M4257-050-B22-02-47	50	22	56		47	2	0.42	2 12	LDM . 14T308R
M4257-063-B27-03-54	63	27	69		54	3	0.89	3 21	

Tools mounted on shell mill arbors may require longer mounting bolts in accordance with ISO 4762 - see “Assembly parts and Accessories”
Bodies and assembly parts are included in the scope of delivery

D2

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

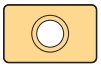
Assembly parts

	D_c [mm]	80–100	20–32	40–63
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	80–100	20–32	40–63
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

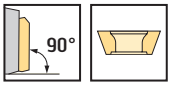
	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSP45G	S HC WSP45S
	LDMT08T204R-D51	M	2	0.4	0.8	●	●	●	○	○		○	○			●	○	○		○	○
	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 = Coated carbide

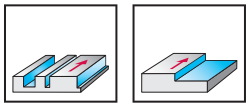
D2

Helical milling cutters
M4256 / M4257 / M4258 mm



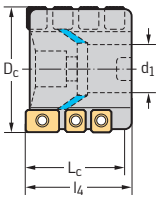



– Half effective design
– 2 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4256	●●	●●	●●		●●		
M4257	●●	●●	●●		●●		
M4258	●●	●●	●●		●●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M4258-080-B32-03-67	80	32	80		67	3	1.56	3 18	LDM . 1704 .. R
M4258-100-B40-04-77	100	40	80		77	4	2.39	4 28	

Tools mounted on shell mill arbors may require longer mounting bolts in accordance with ISO 4762 - see “Assembly parts and Accessories”
Bodies and assembly parts are included in the scope of delivery

D 2

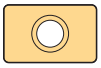
Assembly parts

	D_c [mm]	80–100	20–32	40–63
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	80–100	20–32	40–63
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSP45G	S HC WSP45S
	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		●	○	○								●	○	○			

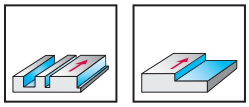
HC = Coated carbide

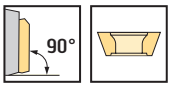
D2

Helical milling cutters
M4257 / M4258 inch

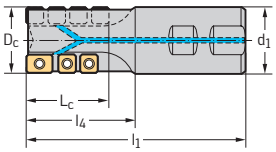
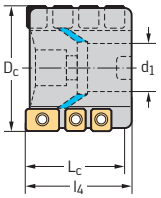
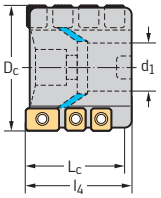


– Half effective design
– 2 or 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4257	●●	●●	●●		●●		
M4258	●●	●●	●●		●●		

Tool	Designation	D_c inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 DIN 1835 B	M4257.038-W38-02-54	1.500	1.500	2.750	5.438	2.126	2	0.036	2 14	LDM . 14T308R SDM . 09T308
 Shell mill mount DIN 138 transverse keyway	M4257.051-B19-02-47	2.000	0.750	2.248		1.85	2	0.019	2 12	LDM . 14T308R SDM . 09T308
	M4257.064-B26-03-54	2.500	1.000	2.748		2.126	3	0.038	3 21	
 Shell mill mount DIN 138 transverse keyway	M4258.076-B31-03-67	3.000	1.250	3.150		2.638	3	0.053	3 18	LDM . 1704 .. R SDM . 120408
	M4258.102-B38-04-77	4.000	1.500	3.150		3.031	4	0.106	4 28	

Tools mounted on shell mill arbors may require longer mounting bolts in accordance with ISO 4762 - see “Assembly parts and Accessories”
Bodies and assembly parts are included in the scope of delivery

D 2

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

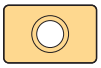
Assembly parts

	D_c [inch]	1.5	2	2.5	3	4
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 18 in lbs	FS2266 (T10IP) 18 in lbs	FS2266 (T10IP) 18 in lbs	FS1453 (T15IP) 31 in lbs	FS1453 (T15IP) 31 in lbs
	Clamping screw for arbor-mounted tools		FS1528	FS1524	FS1520	FS1583

Accessories

	D_c [inch]	1.5–2.5	3–4
	Torque screwdriver, analog	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 mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSP45G	S HC WSP45S
	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	●	○	○								●	○	○			
	SDMT09T308-D51	M	4	0.8		●	●	●	○			○				●	○	○		○	
	SDMT09T308-D57	M	4	0.8		●	●	●	○		●	○			●	●	○	○	●	○	
	SDMT09T308-F57	M	4	0.8		●	●	●	○		●	○		●		●	○	○	●	○	
	SDMW09T308-A57	M	4	0.8		●	○	○								●	○	○			
	SDMT120408-D51	M	4	0.8		●	●	●	○			○				●	○	○		○	
	SDMT120408-D57	M	4	0.8		●	●	●	○		●	○			●	●	○	○	●	○	
	SDMT120408-F57	M	4	0.8		●	●	●	○		●	○		●		●	○	○	●	○	
	SDMW120408-A57	M	4	0.8		●	○	○								●	○	○			

HC = Coated carbide

D2

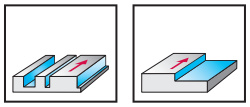
Helical milling cutters

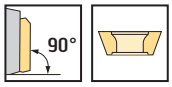
M4258 mm

LDM . 1704 .. R



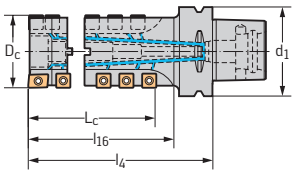
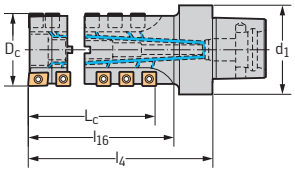
– 2 or 4 cutting edges per indexable insert
– Half effective design with corner front piece





	P	M	K	N	S	H	O
M4258	●●	●●	●●		●●		

Tool

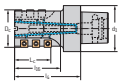
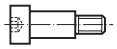
	Designation	D_c mm	d_1 mm	l_4 mm	l_{16} mm	L_c mm	Z	kg	No. of inserts	Type
 Walter Capto™ in acc. with ISO 26623	M4258-050-C6-02-75-M	50	C6	110	88	77	2	1.3	2 14	LDM . 1704 .. R SDM . 120408
	M4258-063-C8-02-96-M	63	C8	150	115	98	2	3.14	2 18	
 Walter Capto™ in acc. with ISO 26623	M4258-080-C8-03-116-M	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

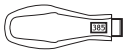
D 2

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

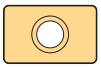
Assembly parts

	D_c [mm]	50	63	80
	Basic body	M4258-050-C6-02-50-B	M4258-063-C8-02-60-B	M4258-080-C8-03-80-B
	Porcupine milling cutter front piece	M4258-050-P20-02-25-F	M4258-063-P30-02-36-F	M4258-080-P40-03-36-F
	Clamping screw for front piece Tightening torque	FS370 40 Nm	FS373 (SW 12) 120 Nm	FS373 (SW 12) 120 Nm

Accessories

	D_c [mm]	50–80
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSP45G	S HC WSP45S
	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 = Coated carbide

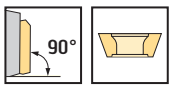
D2

Helical milling cutter basic body

M4258 mm



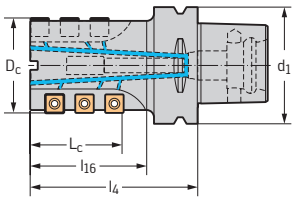
– 2 or 4 cutting edges per indexable insert
– Basic body for porcupine milling cutters



	P	M	K	N	S	H	O
M4258	●●	●●	●●		●●		

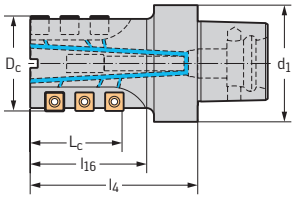
Tool

Designation	D_c mm	d_1 mm	l_4 mm	l_{16} mm	L_c mm	Z	kg	No. of inserts	Type
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	



Walter Capto™ in acc. with ISO 26623

Designation	D_c mm	d_1 mm	l_4 mm	l_{16} mm	L_c mm	Z	kg	No. of inserts	Type
M4258-080-C8-03-80-B	80	C8	115	115	83	3	3.3	24	SDM . 120408



Walter Capto™ in acc. with ISO 26623

Body with 80 mm diameter: Adaptor without gripper groove
Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [mm]	50–80
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	50–80
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

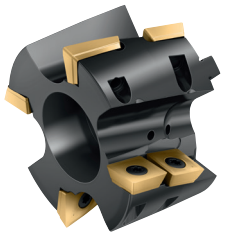
	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSM45X	S HC WSP45G
	SDMT120408-D51	M	4	0.8	●	●	●	●			●			●	●	●			●
	SDMT120408-D57	M	4	0.8	●	●	●	●	●		●		●	●	●	●	●		●
	SDMT120408-F57	M	4	0.8	●	●	●	●	●	●	●	●		●	●	●	●	●	●
	SDMW120408-A57	M	4	0.8	●	●	●							●	●	●			

HC = Coated carbide

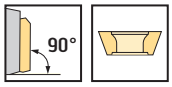
Helical milling cutter front piece

M4258 mm

LDM . 1704 .. R

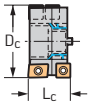


– 2 or 4 cutting edges per indexable insert
– Half effective design with corner front piece



	P	M	K	N	S	H	O
M4258	●●	●●	●●		●●		

Tool

	Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
	M4258-050-P20-02-25-F	50		25	25	2	0.14	2 4	LDM . 1704 .. R
	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

D 2

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

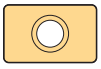
Assembly parts

	D_c [mm]	50–80
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	50–80
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSP45G	S HC WSP45S
	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 = Coated carbide

D 2

Helical milling cutters

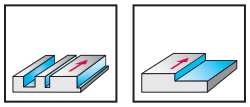
M3255 mm

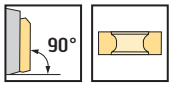
XNHX1306 .. R

Walter BLAXX



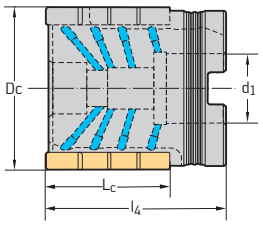
– Full effective design
– 2 or 4 cutting edges per indexable insert, tangential arrangement





	P	M	K	N	S	H	O
M3255		●●			●●		

Tool



Shell mill mount DIN 138 transverse keyway

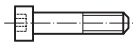
Designation	D_c mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
M3255-050-B22-04-46	50	22	65	46	4	0.54	4 12	XNHX1306 .. R LNHX120604R
M3255-050-B22-05-46	50	22	65	46	5	0.53	5 15	
M3255-063-B27-05-46	63	27	70	46	5	0.99	5 15	
M3255-080-B32-05-58	80	32	85	58	5	1.99	5 20	

The FS2250 coolant nozzle must be secured to prevent it from coming loose.
Tools mounted on shell mill arbors may require longer mounting bolts in accordance with ISO 4762 - see “Assembly parts and Accessories”
Bodies and assembly parts are included in the scope of delivery

D 2

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

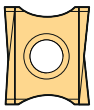
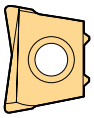
Assembly parts

	D_c [mm]	50	63	80
	Clamping screw for indexable insert Tightening torque	FS2299 (T15IP) 4 Nm	FS2299 (T15IP) 4 Nm	FS2299 (T15IP) 4 Nm
	Clamping screw for arbor-mounted tools	M10X045 ISO4762 12.9 (SW 8)	M12X050 ISO4762 12.9 (SW 10)	
	Coolant nozzle	FS2250 (SW 1.6)	FS2250 (SW 1.6)	FS2250 (SW 1.6)
	Clamping screw for arbor-mounted tools			M16X060 ISO4762 12.9 (SW 14)

Accessories

	D_c [mm]	50–80
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WSP45G	P HC WSP45S	M HC WSM45X	M HC WSP45G	M HC WSP45S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	LNHX120604R-L65T	H	4	0.4	●		●	●		●	●	
	LNHX120604R-L65W	H	4	0.4			○			○		
	XNHX130608R-L65T	H	2	0.8	●		●	●		●	●	
	XNHX130608R-L65W	H	2	0.8			○			○		
	XNHX130612R-L65T	H	2	1.2	●		●	●		●	●	
	XNHX130616R-L65T	H	2	1.6	●		●	●		●	●	
	XNHX130620R-L65T	H	2	2		●	●		●	●		●
	XNHX130624R-L65T	H	2	2.4			●			●		
	XNHX130630R-L65T	H	2	3		●	●		●	●		●
	XNHX130632R-L65T	H	2	3.2	●	●	●	●	●	●	●	●
	XNHX130640R-L65T	H	2	4	●		●	●		●	●	
	XNHX130640R-L65W	H	2	4			○			○		

XNHX1306 . . indexable inserts can only be used as front inserts.

HC = Coated carbide

D2

Helical milling cutters

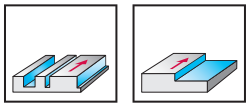
M3255 inch

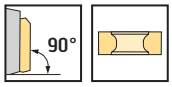
XNHX1306 .. R

Walter BLAXX



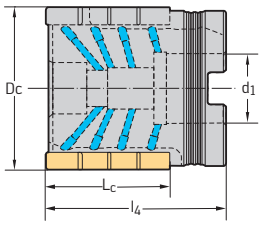
– Full effective design
– 2 or 4 cutting edges per indexable insert, tangential arrangement





	P	M	K	N	S	H	O
M3255		●●			●●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M3255.051-B19-04-46	2.000	0.750	2.559	1.811	4	0.023	4 12	XNHX1306 .. R LNHX120604R
M3255.051-B19-05-46	2.000	0.750	2.559	1.811	5	0.020	5 15	
M3255.051-B26-04-57	2.000	1.000	3.375	2.244	4	0.033	4 16	
M3255.051-B26-05-57	2.000	1.000	3.375	2.244	5	0.026	5 20	
M3255.064-B26-06-46	2.500	1.000	2.756	1.811	6	0.041	6 18	
M3255.076-B31-06-58	3.000	1.250	3.346	2.283	6	0.075	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

D 2

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

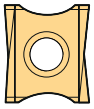
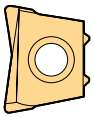
Assembly parts

	D_c [inch]	2	2,5	3
	Clamping screw for indexable insert Tightening torque	FS2299 (T15IP) 35 in lbs	FS2299 (T15IP) 35 in lbs	FS2299 (T15IP) 35 in lbs
	Coolant nozzle	FS2250 (SW 1.6)	FS2250 (SW 1.6)	FS2250 (SW 1.6)
	Clamping screw for arbor-mounted tools	FS1528	FS1614	FS2599

Accessories

	D_c [inch]	2–3
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WSP45G	P HC WSP45S	M HC WSM45X	M HC WSP45G	M HC WSP45S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	LNHX120604R-L65T	H	4	0.4	●		●	●		●	●	
	LNHX120604R-L65W	H	4	0.4			●			●		
	XNHX130608R-L65T	H	2	0.8	●		●	●		●	●	
	XNHX130608R-L65W	H	2	0.8			●			●		
	XNHX130612R-L65T	H	2	1.2	●		●	●		●	●	
	XNHX130616R-L65T	H	2	1.6	●		●	●		●	●	
	XNHX130620R-L65T	H	2	2		●	●		●	●		●
	XNHX130624R-L65T	H	2	2.4			●			●		
	XNHX130630R-L65T	H	2	3		●	●		●	●		●
	XNHX130632R-L65T	H	2	3.2	●	●	●	●	●	●	●	●
	XNHX130640R-L65T	H	2	4	●		●	●		●	●	
	XNHX130640R-L65W	H	2	4			●			●		

XNHX1306 . . indexable inserts can only be used as front inserts.

HC = Coated carbide

D2

Slotting cutters for slot milling

F4053 mm

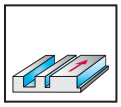
LN . X070204

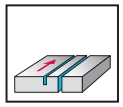
Xtra·tec®





– Cross-toothed, cuts on three sides
– 2 + 2 cutting edges per indexable insert, tangential arrangement





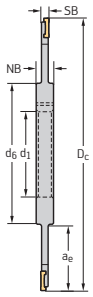




	P	M	K	N	S	H	O
F4053	●●	●●	●●		●●		

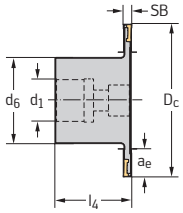
Tool

Designation	D_c mm	d_1 mm	d_6 mm	NB mm	l_4 mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F4053.B27.080.Z04.04	80	27	42	8		4	18	4	8	0.17	LN . X070204
F4053.B32.100.Z05.04	100	32	50	8		4	24	5	10	0.26	
F4053.B40.125.Z06.04	125	40	65	8		4	29	6	12	0.41	
F4053.B40.160.Z08.04	160	40	65	8		4	46	8	16	0.71	



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	NB mm	l_4 mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F4053.BN22.080.Z04.04R	80	22	45		40	4	16	4	8	0.54	LN . X070204
F4053.BN27.100.Z05.04R	100	27	48		50	4	24	5	10	0.71	
F4053.BN32.125.Z06.04R	125	32	60		50	4	30	6	12	1.12	
F4053.BN40.160.Z08.04R	160	40	75		50	4	40	8	16	1.58	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [mm]	80–160
	Clamping screw for indexable insert Tightening torque	FS2076 (T6IP) 0.6 Nm

Accessories

	D_c [mm]	80–160
	Torque screwdriver, analog	FS2001
	Interchangeable blade	FS2085 (T6IP)
	Screwdriver	FS2086 (T6IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSP45G	K HC WKP35S	S HC WSM35S	S HC WSP45G
	LNHX070204-F57T	H	4	0.4	●	●	●	●	●	●	●
	LNMX070204-F57T	M	4	0.4	●		●		●	●	

HC = Coated carbide

Slotting cutters for slot milling

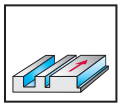
F4153 mm

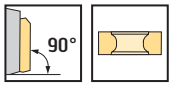
Xtra·tec®





– Cross-toothed, cuts on three sides
– 2 + 2 cutting edges per indexable insert, tangential arrangement

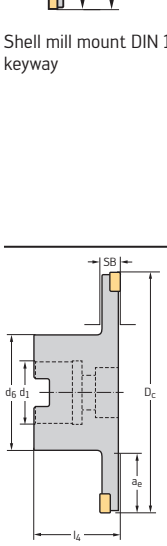




	P	M	K	N	S	H	O
F4153	●●	●●	●●		●●		

Tool

Designation	D_c mm	d_1 mm	d_6 mm	NB mm	l_4 mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F4153.B27.080.Z04.06	80	27	42	12		6	18	4	8	0.26	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	LN . U080404
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	



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	NB mm	l_4 mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F4153.BN22.080.Z04.06R	80	22	45		40	6	16	4	8	0.55	LN . U080304
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	0.09	
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	LN . U100508
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

D 2

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

Assembly parts

	D_c [mm]	80–125	160–200
	Clamping screw for indexable insert Tightening torque	FS2077 (T9IP) 1.5 Nm	FS2080 (T15IP) 2.5 Nm

Accessories

	D_c [mm]	80–125	160–200
	Torque screwdriver, analog	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	WSP45S	WSM35S	WSP45G	WSP45S	WKK25S	WKP25S	WKP35G	WKP35S	WSM35S	WSP45G	WSP45S
	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-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	●	●	●	●	●	●	●	●		●	●	●	●	●	●

HC = Coated carbide

D2

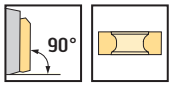
Slotting cutters for slot milling

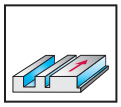
F4153 inch

Xtra·tec®



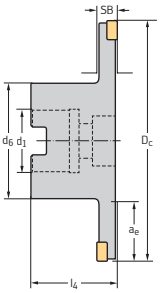
– Cross-toothed, cuts on three sides
– 2 + 2 cutting edges per indexable insert, tangential arrangement





	P	M	K	N	S	H	O
F4153	●●	●●	●●		●●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	d_6 inch	l_4 inch	SB inch	a_e 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	0.017	LN . U080304
F4153.UBN26.102.Z05.06R	4.000	1.000	1.876	2.000	0.250	0.965	5	10	0.033	
F4153.UBN38.152.Z08.06R	6.000	1.500	3.000	2.000	0.250	1.378	8	16	0.072	
F4153.UBN19.076.Z04.08R	3.000	0.750	1.750	1.500	0.313	0.531	4	8	0.017	LN . U080404
F4153.UBN26.102.Z05.08R	4.000	1.000	1.876	2.000	0.313	0.965	5	10	0.035	
F4153.UBN19.076.Z04.10R	3.000	0.750	1.750	1.500	0.375	0.531	4	8	0.020	LN . U100508

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [inch]	3	4	6
	Clamping screw for indexable insert Tightening torque	FS2077 (T9IP) 13 in lbs	FS2077 (T9IP) 13 in lbs	FS2077 (T9IP) 13 in lbs
	Clamping screw for arbor-mounted tools	FS1518	FS1519	FS1583

Accessories

	D_c [inch]	3–6
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSP45G	S HC WSP45S
	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-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	●	●	●	●	●	●	●	●		●	●	●	●	●	●

HC = Coated carbide

D2

Slotting cutters for slot milling

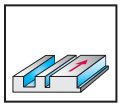
F4253 mm

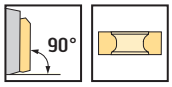
Xtra·tec®





– Cross-toothed, cuts on three sides
– 2+2 cutting edges per indexable insert, adjustable runout

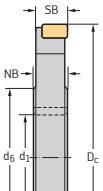




	P	M	K	N	S	H	O
F4253	●●	●●	●●		●●		

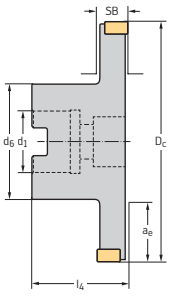
Tool

Designation	D_c mm	d_1 mm	d_6 mm	NB mm	l_4 mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F4253.B32.100.Z05.12	100	32	50	12		12	24	5	10	0.57	LN . U080404
F4253.B40.125.Z06.12	125	40	65	12		12	29	6	12	0.9	
F4253.B40.160.Z07.12	160	40	65	12		12	46	7	14	1.33	
F4253.B50.200.Z08.12	200	50	75	12		12	61	8	16	3.8	
F4253.B32.100.Z05.14	100	32	50	14		14	24	5	10	0.66	
F4253.B40.125.Z06.14	125	40	65	14		14	29	6	12	0.92	
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	
F4253.B50.200.Z07.16	200	50	75	16		16	61	7	14	4.4	
F4253.B40.160.Z06.20	160	40	65	20		20	46	6	12	2.5	LN . U120608
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	



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	NB mm	l_4 mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
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	1.6	
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	
F4253.BN40.160.Z06.20R	160	40	75		50	20	40	6	12	3.05	LN . U120608
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	
F4253.BN40.160.Z06.25R	160	40	75		50	25	40	6	12	3.42	LN . U160812
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	



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

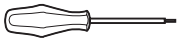
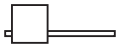
D 2

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

Assembly parts

	D_c [mm]	100	125–200	250	315
	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

	D_c [mm]	100	125–250	315
	Torque screwdriver, analog	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 HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSP45G	S HC WSP45S
	LNHU080404-B57T	H	4	0.4		●	●						●		●	●			
	LNHU080404-F57T	H	4	0.4	●	●	●	●	●	●	●	●		●	●	●	●	●	●
	LNMU080404-B57T	M	4	0.4			●									●			
	LNMU080404-F57T	M	4	0.4	●	●	●	●	●	●	●	●		●	●	●	●	●	●
	LNHU100508-B57T	H	4	0.8		●	●						●		●	●			
	LNHU100508-F57T	H	4	0.8	●	●	●	●	●	●	●	●		●	●	●	●	●	●
	LNMU100508-B57T	M	4	0.8			●						●			●			
	LNMU100508-F57T	M	4	0.8	●	●	●	●	●	●	●	●		●	●	●	●	●	●
	LNHU120608-B57T	H	4	0.8		●	●						●		●	●			
	LNHU120608-F57T	H	4	0.8	●	●	●	●	●	●	●	●		●	●	●	●	●	●
	LNMU120608-B57T	M	4	0.8		●	●								●	●			
	LNMU120608-F57T	M	4	0.8	●	●	●	●	●	●	●	●		●	●	●	●	●	●
	LNHU160812-F57T	H	4	1.2	●	●	●	●	●	●	●	●		●	●	●	●	●	●
	LNMU160812-B57T	M	4	1.2			●									●			
	LNMU160812-F57T	M	4	1.2	●	●	●	●	●	●	●	●		●	●	●	●	●	●

HC = Coated carbide

D2

Slotting cutters for slot milling

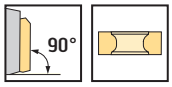
F4253 mm

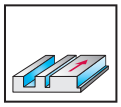
Xtra·tec®





– Cross-toothed, cuts on three sides
– 2+2 cutting edges per indexable insert, adjustable runout

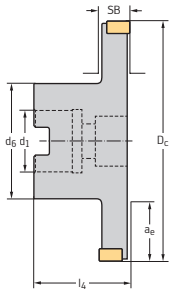




	P	M	K	N	S	H	O
F4253	●●	●●	●●		●●		

Tool

Designation	D_c mm	d_1 mm	d_6 mm	NB mm	l_4 mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F4253.BN60.315.Z10.25R	315	60	135		50	25	85	10	20	14.8	LN . U160812



Shell mill mount DIN 138 transverse keyway

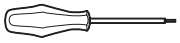
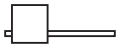
Bodies and assembly parts are included in the scope of delivery

D 2

Assembly parts

	D_c [mm]	100	125–200	250	315
	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

	D_c [mm]	100	125–250	315
	Torque screwdriver, analog	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 HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSP45G	S HC WSP45S
	LNHU080404-B57T	H	4	0.4		●	●						●		●	●			
	LNHU080404-F57T	H	4	0.4	●	●	●	●	●	●	●	●		●	●	●	●	●	●
	LNMU080404-B57T	M	4	0.4			●									●			
	LNMU080404-F57T	M	4	0.4	●	●	●	●	●	●	●	●		●	●	●	●	●	●
	LNHU100508-B57T	H	4	0.8		●	●						●		●	●			
	LNHU100508-F57T	H	4	0.8	●	●	●	●	●	●	●	●		●	●	●	●	●	●
	LNMU100508-B57T	M	4	0.8			●						●			●			
	LNMU100508-F57T	M	4	0.8	●	●	●	●	●	●	●	●		●	●	●	●	●	●
	LNHU120608-B57T	H	4	0.8		●	●						●		●	●			
	LNHU120608-F57T	H	4	0.8	●	●	●	●	●	●	●	●		●	●	●	●	●	●
	LNMU120608-B57T	M	4	0.8		●	●								●	●			
	LNMU120608-F57T	M	4	0.8	●	●	●	●	●	●	●	●		●	●	●	●	●	●
	LNHU160812-F57T	H	4	1.2	●	●	●	●	●	●	●	●		●	●	●	●	●	●
	LNMU160812-B57T	M	4	1.2			●									●			
	LNMU160812-F57T	M	4	1.2	●	●	●	●	●	●	●	●		●	●	●	●	●	●

HC = Coated carbide

D2

Parting and slitting cutters

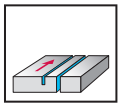
F5055 mm

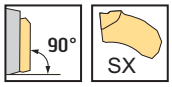
Walter BLAXX





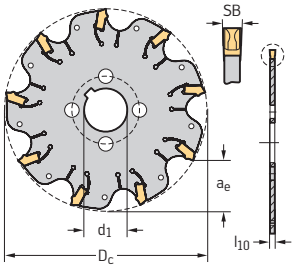
– 1 cutting edge per indexable insert





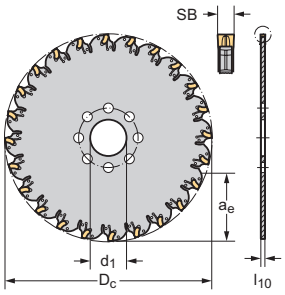
	P	M	K	N	S	H	O
F5055	●●	●●	●●	●●	●●		

Tool



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	NB mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F5055.B16.063.Z05.1.5	63	16	16	1.2	1.5	15	5	10	0.05	SX-1E1
F5055.B16.080.Z07.1.5	80	16	16	1.2	1.5	19	7	14	0.06	
F5055.B22.100.Z09.1.5	100	22	22	1.2	1.5	25	9	18	0.1	
F5055.B32.125.Z11.1.5	125	32	32	1.2	1.5	33	11	22	0.15	
F5055.B16.063.Z05.2.0	63	16	16	1.6	2	15	5	10	0.04	SX-2E2
F5055.B16.080.Z07.2.0	80	16	16	1.6	2	19	7	14	0.07	
F5055.B22.100.Z09.2.0	100	22	22	1.6	2	25	9	18	0.11	
F5055.B32.125.Z11.2.0	125	32	32	1.6	2	33	11	22	0.17	
F5055.B40.160.Z14.2.0	160	40	40	1.6	2	38	14	28	0.28	
F5055.B16.063.Z04.3.0	63	16	16	2.4	3	15	4	8	0.06	SX-3E3
F5055.B16.080.Z06.3.0	80	16	16	2.4	3	19	6	12	0.09	
F5055.B22.100.Z09.3.0	100	22	22	2.4	3	25	9	18	0.14	
F5055.B32.125.Z11.3.0	125	32	32	2.4	3	33	11	22	0.23	
F5055.B40.160.Z14.3.0	160	40	40	2.4	3	38	14	28	0.38	
F5055.B40.200.Z19.3.0	200	40	40	2.4	3	58	19	38	0.65	
F5055.B40.250.Z24.3.0	250	40	40	2.4	3	83	24	48	1.07	
F5055.B16.063.Z04.4.0	63	16	16	3.4	4	15	4	8	0.07	SX-4E4
F5055.B16.080.Z06.4.0	80	16	16	3.4	4	19	6	12	0.12	
F5055.B22.100.Z09.4.0	100	22	22	3.4	4	25	9	18	0.18	
F5055.B32.125.Z11.4.0	125	32	32	3.4	4	33	11	22	0.29	
F5055.B40.160.Z14.4.0	160	40	40	3.4	4	38	14	28	0.5	
F5055.B40.200.Z19.4.0	200	40	40	3.4	4	58	19	38	0.85	
F5055.B40.250.Z24.4.0	250	40	40	3.4	4	83	24	48	1.39	
F5055R.B50.500.Z40.5.0	500				5	120	40	80	8.39	SX-5E5

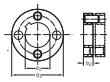
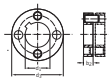
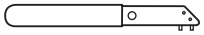


Values for a_e in combination with drive collar
Use mounting wrench FS1494 or FS2249 to fit the indexable insert

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

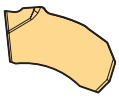
D2

Accessories

	D_c [mm]	100	125	160	200	250	500	63	80
	Drive collar		FS2292-SET						
	Drive collar	FS2291-SET		FS1348-SET	FS1349-SET	FS1350-SET	FS1350-SET	FS1350-SET	
	Mounting wrench		FS1494			FS1494	FS1494	FS1494	FS1494
	Mounting wrench	FS2249		FS2249	FS2249				
	Ergonomic mounting wrench		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 (SW5)	ISO2936-5 (SW5)	

Clamping screws for retaining washers are included in the scope of delivery.

Cutting inserts

	Designation	s mm	r mm	P HC WKP23S	P HC WSM23S	P HC WSM33S	P HC WSM43S	M HC WSM23S	M HC WSM33S	M HC WSM43S	K HC WKP23S	N HW WK1	S HC WSM23S	S HC WSM33S	S HC WSM43S	S HW WK1
	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-1E150N01-CE4	1.5	0.15			●			●					●		
	SX-1E150N01-SF5	1.5	0.15			●			●					●		
	SX-1E150N01-SK8	1.5	0.1									●				●
	SX-2E200N02-CE4	2	0.2	●	●	●	●	●	●	●	●		●	●	●	
	SX-2E200N02-CF6	2	0.2			●	●		●	●				●	●	
	SX-2E200N02-SF5	2	0.2			●	●		●	●				●	●	
	SX-2E200N02-SK8	2	0.2									●				●

HC = Coated carbide
HW = Uncoated carbide

D2

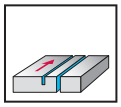
Parting and slitting cutters

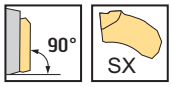
F5055 mm

Walter BLAXX



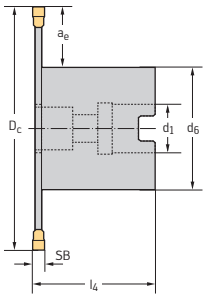
– 1 cutting edge per indexable insert





	P	M	K	N	S	H	O
F5055	●●	●●	●●	●●	●●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	d_6 mm	l_4 mm	SB mm	a_e mm	Z	No. of inserts	kg	Type
F5055.BN16.063.Z04.3,0R	63	16	35	40	3	15	4	8	0.03	SX-3E3
F5055.BN16.080.Z06.3,0R	80	16	40	40	3	19	6	12	0.06	
F5055.BN22.100.Z09.3,0R	100	22	48	40	3	25	9	18	0.62	
F5055.BN32.125.Z11.3,0R	125	32	58	50	3	33	11	22	1	
F5055.BN40.160.Z14.3,0R	160	40	80	63	3	38	14	28	0.25	
F5055.BN16.063.Z04.4,0R	63	16	35	41	4	15	4	8	0.05	SX-4E4
F5055.BN16.080.Z06.4,0R	80	16	40	41	4	19	6	12	0.46	
F5055.BN22.100.Z09.4,0R	100	22	48	41	4	25	9	18	0.14	
F5055.BN32.125.Z11.4,0R	125	32	58	51	4	33	11	22	1.07	
F5055.BN40.160.Z14.4,0R	160	40	80	64	4	38	14	28	0.4	

Use mounting wrench FS1494 or FS2249 to fit the indexable insert
Bodies and assembly parts are included in the scope of delivery

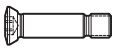
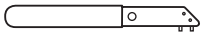
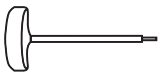
D 2

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

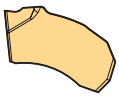
Assembly parts

	D_c [mm]	100	125	160	63	80
	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

Accessories

	D_c [mm]	80–100	125	160	63
	Clamping screw for adaptor	FS938 (SW 6)	FS938 (SW 6)	FS938 (SW 6)	FS938 (SW 6)
	Clamping screw for milling cutter	FS2270 (T15IP) 6.5 Nm	FS2270 (T15IP) 6.5 Nm	FS2271 (T20IP) 7 Nm	FS2272 (T30) 8 Nm
	Mounting wrench for cutting insert	FS2249	FS1494	FS1494	FS1494
	Ergonomic mounting wrench		FS2290 (PINS)	FS2290 (PINS)	FS2290 (PINS)
	Adaptor clamping screw allen key	ISO2936-6 (SW 6)	ISO2936-6 (SW 6)	ISO2936-6 (SW 6)	ISO2936-6 (SW 6)
	Torque T-handle	FS2041	FS2041	FS2041	FS2041
	Interchangeable blade	FS2047 (T15IP)	FS2047 (T15IP)	FS2048 (T20IP)	FS2046 (T30)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1175 (T30)

Cutting inserts

	Designation	s mm	r mm	P HC WKP23S	P HC WSM23S	P HC WSM33S	P HC WSM43S	M HC WSM23S	M HC WSM33S	M HC WSM43S	K HC WKP23S	N HW WK1	S HC WSM23S	S HC WSM33S	S HC WSM43S	S HW WK1
	SX-3E300N02-CE4	3	0.2	●	●	●	●	●	●	●	●		●	●	●	
	SX-3E300N02-CF6	3	0.2			●	●		●	●				●	●	
	SX-3E300N02-SF5	3	0.2			●	●		●	●				●	●	
	SX-3E300N02-SK8	3	0.2									●				●
	SX-4E400N02-CE4	4	0.2	●	●	●	●	●	●	●	●		●	●	●	
	SX-4E400N02-SF5	4	0.2			●	●		●	●				●	●	
	SX-4E400N02-SK8	4	0.2									●				●

HC = Coated carbide
HW = Uncoated carbide

D2

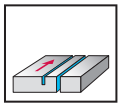
Parting and slitting cutters

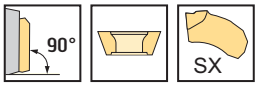
F5055 inch

Walter BLAXX



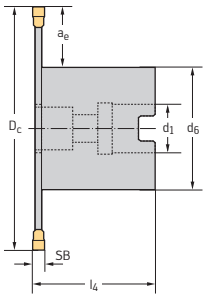
– 1 cutting edge per indexable insert





	P	M	K	N	S	H	O
F5055	●●	●●	●●	●●	●●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c inch	d_1 inch	d_6 inch	l_4 inch	SB inch	a_e inch	Z	No. of inserts	lbs	Type
F5055.UBN22.100.Z09.3,0R	3.937	0.750	1.890	1.575	0.118	0.984	9	18	0.023	SX-3E3
F5055.UBN32.125.Z11.3,0R	4.921	1.000	2.283	1.969	0.118	1.299	11	22	0.044	
F5055.UBN40.160.Z14.3,0R	6.299	1.500	3.150	2.48	0.118	1.496	14	28	0.086	
F5055.UBN22.100.Z09.4,0R	3.937	0.750	1.890	1.614	0.157	0.984	9	18	0.025	SX-4E4
F5055.UBN32.125.Z11.4,0R	4.921	1.000	2.283	2.008	0.157	1.299	11	22	0.078	
F5055.UBN40.160.Z14.4,0R	6.299	1.500	3.150	2.520	0.157	1.496	14	28	0.09	

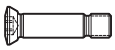
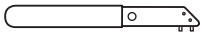
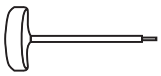
D 2

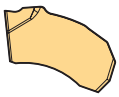
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

Assembly parts

	D_c [inch]	3,94	4,92	6,3
	Bore adaptor part	AA704.B19-G22-040-B	AA704.B26-G32-050-B	AA704.B38-G40-062-B

Accessories

	D_c [inch]	3,94	4,92	6,3
	Clamping screw for adaptor	FS939 (SW 8)	FS941 (SW 14)	FS942 (SW 17)
	Clamping screw for milling cutter	FS2270 (T15IP) 58 in lbs	FS2271 (T20IP) 62 in lbs	FS2272 (T30) 71 in lbs
	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 mm	r mm	P HC WKP23S	P HC WSM23S	P HC WSM33S	P HC WSM43S	M HC WSM23S	M HC WSM33S	M HC WSM43S	K HC WKP23S	N HW WK1	S HC WSM23S	S HC WSM33S	S HC WSM43S	S HW WK1
	SX-3E300N02-CE4	3	0.2	●	●	●	●	●	●	●	●		●	●	●	
	SX-3E300N02-CF6	3	0.2			●	●		●	●				●	●	
	SX-3E300N02-SF5	3	0.2			●	●		●	●				●	●	
	SX-3E300N02-SK8	3	0.2									●				●
	SX-4E400N02-CE4	4	0.2	●	●	●	●	●	●	●	●		●	●	●	
	SX-4E400N02-SF5	4	0.2			●	●		●	●				●	●	
	SX-4E400N02-SK8	4	0.2									●				●

HC = Coated carbide
HW = Uncoated carbide

D2

Slotting cutters for slot milling

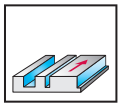
F2252 mm

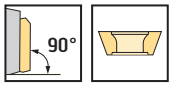
AD . T0803 .. R





– Cross-toothed, cuts on three sides
– 2 cutting edges per indexable insert

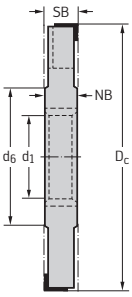




	P	M	K	N	S	H	O
F2252	●●	●●	●●	●●	●●		●

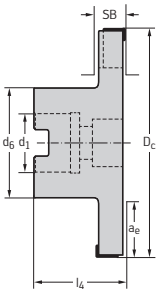
Tool

Designation	D_c mm	d_1 mm	d_6 mm	l_1 mm	SB_{min} mm	SB_{max} mm	NB mm	a_e mm	Z	No. of inserts	Type
F2252.B.100.Z04.12.S724	100	32	50	12	12	14	12	24	4	4 4	AD . T0803 .. R
F2252.B.100.Z04.14.S724	100	32	50	14	14	16	14	24	4	4 4	
F2252.B.125.Z05.12.S724	125	40	65	12	12	14	12	28	5	5 5	
F2252.B.125.Z05.14.S724	125	40	65	14	14	16	14	28	5	5 5	
F2252.B.160.Z06.12.S724	160	40	65	12	12	14	12	46	6	6 6	
F2252.B.160.Z06.14.S724	160	40	65	14	14	16	14	46	6	6 6	



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	l_1 mm	SB_{min} mm	SB_{max} mm	NB mm	a_e mm	Z	No. of inserts	Type
F2252.BN.100.Z04.12.S724	100	27	48	50	12	14		24	4	4 4	AD . T0803 .. R
F2252.BN.100.Z04.14.S724	100	27	48	50	14	16		24	4	4 4	
F2252.BN.125.Z05.12.S724	125	32	60	50	12	14		30	5	5 5	
F2252.BN.125.Z05.14.S724	125	32	60	50	14	16		30	5	5 5	
F2252.BN.160.Z06.12.S724	160	40	75	50	12	14		40	6	6 6	
F2252.BN.160.Z06.14.S724	160	40	75	50	14	16		40	6	6 6	



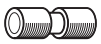
Shell mill mount DIN 138 transverse keyway

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

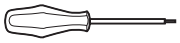
D 2

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

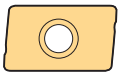
Assembly parts

	D_c [mm]	100–160
	Cartridge for right tool body	FR724
	Cartridge for left tool body	FL724
	Clamping wedge	FK360
	Clamping sleeve	FS1167
	Eccentric bolt	FS1170
	Spring washer	FS1220
	Clamping screw for clamping wedge Tightening torque	FS239 (SW 3) 6.5 Nm
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1.2 Nm

Accessories

	D_c [mm]	100–160
	Screwdriver for indexable insert	FS1483 (T8IP)
	ISO 2936 key: Wedge + eccentric bolt	ISO2936-3 (SW 3.5)
	Cartridge: Right, P2905-. finish insert	FR695
	Cartridge: Left, P2905-. finish insert	FL695
	Clamping screw for finishing insert	FS246 (T8) 1.5 Nm
	Screwdriver for finishing insert	FS230 (T8)
	Torque screwdriver, analog	FS2001
	Torque screwdriver, digital	FS2248
	Torque T-handle	FS2041
	Torque screwdriver, analog	FS2003
	Interchangeable blade	FS2007 (T8)
	Interchangeable blade	FS2012 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSP45G	M HC WSP45S	K HC WKP35G	K HC WKP35S	N HC WXN15	S HC WSP45G	S HC WSP45S
	ADHT0803PEL-G88	H	2	0.4	1.2									☺		
	ADHT0803PER-G88	H	2	0.4	1.2									☺		
	ADKT0803PEL-F56	K	2	0.4	1.2		☺	☹	☹	☹	☹		☹		☹	☹
	ADKT0803PER-F56	K	2	0.4	1.2		☺	☹		☹			☹		☹	
	ADMT080304L-F56	M	2	0.4	1.2	☺	☺	☹	☹	☹	☹	☹	☹		☹	☹
	ADMT080304R-F56	M	2	0.4	1.2	☺	☺	☹	☹	☹	☹	☹	☹		☹	☹
	ADMT080308L-F56	M	2	0.8	1.2	☺	☺	☹	☹	☹	☹	☹	☹		☹	☹
	ADMT080308R-F56	M	2	0.8	1.2	☺	☺	☹		☹		☹	☹		☹	

HC = Coated carbide

D2

Slotting cutters for slot milling

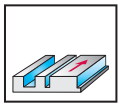
F2252 mm

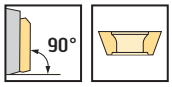
AD . T1204 .. R





– Cross-toothed, cuts on three sides
– 2 cutting edges per indexable insert

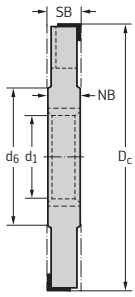




	P	M	K	N	S	H	O
F2252	●●	●●	●●	●●	●●		●

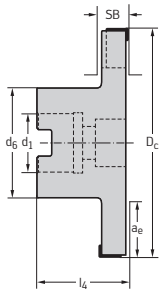
Tool

Designation	D_c mm	d_1 mm	d_6 mm	l_1 mm	SB_{min} mm	SB_{max} mm	NB mm	a_e mm	Z	No. of inserts	Type
F2252.B.125.Z04.16.S725	125	40	65	16	16	19	16	28	4	4 4	AD . T1204 .. R
F2252.B.125.Z04.19.S725	125	40	65	19	19	22	19	28	4	4 4	
F2252.B.160.Z05.16.S725	160	40	65	16	16	19	16	46	5	5 5	
F2252.B.160.Z05.19.S725	160	40	65	19	19	22	19	46	5	5 5	
F2252.B.200.Z06.16.S725	200	50	75	16	16	19	16	61	6	6 6	
F2252.B.200.Z06.19.S725	200	50	75	19	19	22	19	61	6	6 6	



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	l_1 mm	SB_{min} mm	SB_{max} mm	NB mm	a_e mm	Z	No. of inserts	Type
F2252.BN.125.Z04.16.S725	125	32	60	50	16	19		30	4	4 4	AD . T1204 .. R
F2252.BN.125.Z04.19.S725	125	32	60	50	19	22		30	4	4 4	
F2252.BN.160.Z05.16.S725	160	40	75	50	16	19		40	5	5 5	
F2252.BN.160.Z05.19.S725	160	40	75	50	19	22		40	5	5 5	
F2252.BN.200.Z06.16.S725	200	40	90	50	16	19		50	6	6 6	
F2252.BN.200.Z06.19.S725	200	40	90	50	19	22		50	6	6 6	



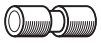
Shell mill mount DIN 138 longitudinal keyway

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

D 2

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

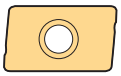
Assembly parts

	D_c [mm]	125–200
	Cartridge for right tool body	FR725
	Cartridge for left tool body	FL725
	Clamping wedge	FK359
	Clamping sleeve	FS1168
	Eccentric bolt	FS1171 (SW 2.5)
	Spring washer	FS1221
	Clamping screw for clamping wedge Tightening torque	FS1162 (SW 4) 9 Nm
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm

Accessories

	D_c [mm]	125–200
	Screwdriver for indexable insert	FS1484 (T9IP)
	ISO 2936 key: Wedge + eccentric bolt	ISO2936-4 (SW 4)
	Cartridge: Right, P2905-. finish insert	FR696
	Cartridge: Left, P2905-. finish insert	FL696
	Clamping screw for finishing insert	FS260 (T20) 5 Nm
	Screwdriver for finishing insert	FS228 (T20)
	Torque T-handle	FS2041
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2051 (SW 4)
	Interchangeable blade	FS2044 (T20)
	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		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									☺		
	ADHT120430R-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	☺	☺	☹	☹	☹	☹	☹	☹		☹	☹
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	ADMT120440L-F56	M	2	4	0.4	☺		☹	☹	☹	☹	☹			☹	☹
	ADMT120440R-F56	M	2	4	0.4	☺	☺	☹	☹	☹	☹	☹	☹		☹	☹

HC = Coated carbide

Slotting cutters for slot milling

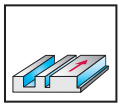
F2252 mm

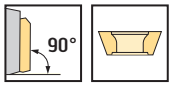
AD . T1606 .. R





– Cross-toothed, cuts on three sides
– 2 cutting edges per indexable insert

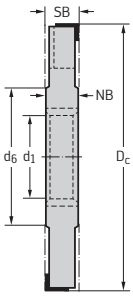




	P	M	K	N	S	H	O
F2252	●●	●●	●●	●●	●●		●

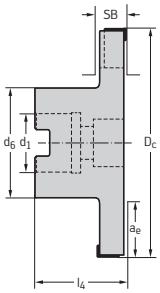
Tool

Designation	D_c mm	d_1 mm	d_6 mm	l_1 mm	SB_{min} mm	SB_{max} mm	NB mm	a_e mm	Z	No. of inserts	Type
F2252.B.125.Z04.22.S726	125	40	65	22	22	25	22	28	4	4 4	AD . T1606 .. R
F2252.B.160.Z05.22.S726	160	40	65	22	22	25	22	46	5	5 5	
F2252.B.200.Z06.22.S726	200	50	75	22	22	25	22	61	6	6 6	



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	l_1 mm	SB_{min} mm	SB_{max} mm	NB mm	a_e mm	Z	No. of inserts	Type
F2252.BN.125.Z04.22.S726	125	32	60	50	22	25		30	4	4 4	AD . T1606 .. R
F2252.BN.160.Z05.22.S726	160	40	75	50	22	25		40	5	5 5	
F2252.BN.200.Z06.22.S726	200	40	90	50	22	25		50	6	6 6	



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

D 2

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

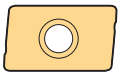
Assembly parts

	D_c [mm]	125–200
	Cartridge for right tool body	FR726
	Cartridge for left tool body	FL726
	Clamping wedge	FK359
	Clamping sleeve	FS1168
	Eccentric bolt	FS1171 (SW 2.5)
	Spring washer	FS1221
	Clamping screw for clamping wedge Tightening torque	FS1162 (SW 4) 9 Nm
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	125	160–200
	Screwdriver for indexable insert	FS1485 (T15IP)	FS1485 (T15IP)
	ISO 2936 key: Wedge + eccentric bolt	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	Cartridge: Right, P2905-. finish insert	FR696	FR696
	Cartridge: Left, P2905-. finish insert	FL696	FL696
	Clamping screw for finishing insert	FS260 (T20) 5 Nm	FS260 (T20) 5 Nm
	Screwdriver for finishing insert	FS228 (T20)	FS228 (T20)
	Torque T-handle	FS2041	FS2041
	Torque screwdriver, analog	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2051 (SW 4)	FS2051 (SW 4)
	Interchangeable blade	FS2044 (T20)	FS2044 (T20)
	Interchangeable blade	FS2014 (T15IP)	FS2013 (T9IP)

Indexable inserts



Designation	Tolerance class	Number of cutting edges	r mm	b mm	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WSP45S	M HC WSP45G	M HC WSP45S	K HC WKP35G	K HC WKP35S	N HC WXN15	S HC WSP45G	S HC WSP45S
ADHT160616L-G88	H	2	1.6	1.4									●		
ADHT160616R-G88	H	2	1.6	1.4									●		
ADHT1606PEL-G88	H	2	0.8	1.6									●		
ADHT1606PER-G88	H	2	0.8	1.6									●		
ADKT1606PEL-F56	K	2	0.8	1.6		●	●	●	●	●		●		●	●
ADKT1606PER-F56	K	2	0.8	1.6		●	●	●	●	●		●		●	●
ADMT160608L-F56	M	2	0.8	1.6	●	●	●	●	●	●	●	●		●	●
ADMT160608R-F56	M	2	0.8	1.6	●	●	●		●		●	●		●	
ADMT160616L-F56	M	2	1.6	1.4	●	●	●	●	●	●	●	●		●	●
ADMT160616R-F56	M	2	1.6	1.4	●	●	●	●	●	●	●	●		●	●
ADMT160625L-F56	M	2	2.5	1.2	●		●	●	●	●	●			●	●
ADMT160625R-F56	M	2	2.5	1.2	●		●	●	●	●	●			●	●
ADMT160630L-F56	M	2	3	1.2	●	●	●	●	●	●	●	●		●	●
ADMT160630R-F56	M	2	3	1.2	●	●	●	●	●	●	●	●		●	●
ADMT160640L-F56	M	2	4	1	●	●	●	●	●	●	●	●		●	●
ADMT160640R-F56	M	2	4	1	●	●	●	●	●	●	●	●		●	●

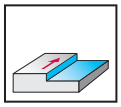
HC = Coated carbide

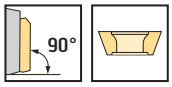
Slotting cutters for slot milling

F2252 mm



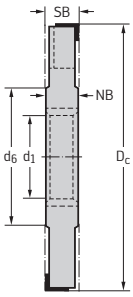
– Cross-toothed, cuts on three sides
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2252	●●	●●	●●	●●	●●		●

Tool



Shell mill mount DIN 138 longitudinal keyway

Designation	D_c mm	d_1 mm	d_6 mm	l_1 mm	SB_{min} mm	SB_{max} mm	NB mm	a_e mm	Z	No. of inserts	Type
F2252.B.080.Z03.08.S684	80	22	37	8	8	9	8	20	3	3 3	MP . X060304
F2252.B.080.Z03.09.S684	80	22	37	9	9	10	9	20	3	3 3	
F2252.B.100.Z04.08.S684	100	32	50	8	8	9	8	24	4	4 4	
F2252.B.100.Z04.09.S684	100	32	50	9	9	10	9	24	4	4 4	
F2252.B.100.Z04.10.S685	100	32	50	10	10	12	10	24	4	4 4	MP . X080305
F2252.B.100.Z04.12.S685	100	32	50	12	12	14	12	24	4	4 4	
F2252.B.100.Z04.14.S685	100	32	50	14	14	16	14	24	4	4 4	
F2252.B.125.Z05.08.S684	125	40	65	8	8	9	8	28	5	5 5	MP . X060304
F2252.B.125.Z05.09.S684	125	40	65	9	9	10	9	28	5	5 5	
F2252.B.125.Z05.10.S685	125	40	65	10	10	12	10	28	5	5 5	MP . X080305
F2252.B.125.Z05.12.S685	125	40	65	12	12	14	12	28	5	5 5	
F2252.B.125.Z05.14.S685	125	40	65	14	14	16	14	28	5	5 5	
F2252.B.125.Z04.16.S686	125	40	65	16	16	19	16	28	4	4 4	MP .. 120408
F2252.B.125.Z04.19.S686	125	40	65	19	19	22	19	28	4	4 4	
F2252.B.125.Z04.22.S686	125	40	65	22	22	23.5	22	28	4	4 4	
F2252.B.160.Z06.08.S684	160	40	65	8	8	9	8	46	6	6 6	MP . X060304
F2252.B.160.Z06.09.S684	160	40	65	9	9	10	9	46	6	6 6	
F2252.B.160.Z06.10.S685	160	40	65	10	10	12	10	46	6	6 6	MP . X080305
F2252.B.160.Z06.12.S685	160	40	65	12	12	14	12	46	6	6 6	
F2252.B.160.Z06.14.S685	160	40	65	14	14	16	14	46	6	6 6	
F2252.B.160.Z05.16.S686	160	40	65	16	16	19	16	46	5	5 5	MP .. 120408
F2252.B.160.Z05.19.S686	160	40	65	19	19	22	19	46	5	5 5	
F2252.B.160.Z05.22.S686	160	40	65	22	22	23.5	22	46	5	5 5	
F2252.B.200.Z06.16.S686	200	50	75	16	16	19	16	61	6	6 6	

Adjustable cutting width
Bodies and assembly parts are included in the scope of delivery

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

D2

Assembly parts

	D_c [mm]	80–100	125–200
	Cartridge for right tool body	FR684	FR686
	Cartridge for left tool body	FL684	FL686
	Clamping wedge	FK358	FK359
	Clamping sleeve	FS1166 (SW 3)	FS1168
	Eccentric bolt	FS1169 (SW 4)	FS1171 (SW 2,5)
	Spring washer	FS1220	FS1221
	Clamping screw for clamping wedge Tightening torque	FS1161 (SW 2,5) 3,5 Nm	FS1162 (SW 4) 9 Nm
	Clamping screw for indexable insert Tightening torque	FS923 (T8) 1,2 Nm	FS1029 (T20) 5 Nm

Accessories

	D_c [mm]	80–100	125–200
	Screwdriver	FS230 (T8)	
	ISO 2936 key: Wedge + eccentric bolt	ISO2936-2.5 (SW 2.5)	ISO2936-4 (SW 4)
	Torque screwdriver, analog	FS2001	
	Cartridge: Right, P2905-. finish insert		FR696
	Torque screwdriver, digital	FS2248	
	Cartridge: Left, P2905-. finish insert		FL696
	Clamping screw for finishing insert		FS260 (T20) 5 Nm
	Interchangeable blade	FS2007 (T8)	
	Screwdriver for finishing insert		FS228 (T20)
	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 HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	S HC WSM35S	S HC WSP45G	H HC WHH15
	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	☺					☹			☺	☺	☺				☺				☺

HC = Coated carbide

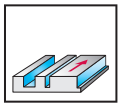
D 2

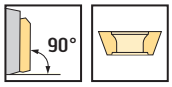
Slotting cutters for slot milling

F2252 mm



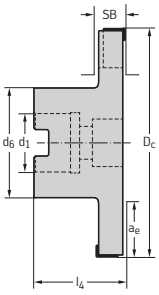
– Cross-toothed, cuts on three sides
– 2 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2252	●●	●●	●●	●●	●●		●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_c mm	d_1 mm	d_6 mm	l_1 mm	SB_{min} mm	SB_{max} mm	a_e mm	Z	No. of inserts	Type
F2252.BN.080.Z03.08.S684	80	22	35	40	8	9	20	3	3 3	MP . X060304
F2252.BN.080.Z03.09.S684	80	22	35	40	9	10	20	3	3 3	
F2252.BN.100.Z04.08.S684	100	27	48	50	8	9	24	4	4 4	
F2252.BN.100.Z04.09.S684	100	27	48	50	9	10	24	4	4 4	
F2252.BN.100.Z04.10.S685	100	27	48	50	10	12	24	4	4 4	MP . X080305
F2252.BN.100.Z04.12.S685	100	27	48	50	12	14	24	4	4 4	
F2252.BN.125.Z05.08.S684	125	32	60	50	8	9	30	5	5 5	MP . X060304
F2252.BN.125.Z05.09.S684	125	32	60	50	9	10	30	5	5 5	
F2252.BN.125.Z05.10.S685	125	32	60	50	10	12	30	5	5 5	MP . X080305
F2252.BN.125.Z05.12.S685	125	32	60	50	12	14	30	5	5 5	
F2252.BN.125.Z05.14.S685	125	32	60	50	14	16	30	5	5 5	
F2252.BN.125.Z04.16.S686	125	32	60	50	16	19	30	4	4 4	MP .. 120408
F2252.BN.125.Z04.19.S686	125	32	60	50	19	22	30	4	4 4	
F2252.BN.125.Z04.22.S686	125	32	60	50	22	23.5	30	4	4 4	
F2252.BN.160.Z06.08.S684	160	40	75	50	8	9	40	6	6 6	MP . X060304
F2252.BN.160.Z06.09.S684	160	40	75	50	9	10	40	6	6 6	
F2252.BN.160.Z06.10.S685	160	40	75	50	10	12	40	6	6 6	MP . X080305
F2252.BN.160.Z06.12.S685	160	40	75	50	12	14	40	6	6 6	
F2252.BN.160.Z06.14.S685	160	40	75	50	14	16	40	6	6 6	
F2252.BN.160.Z05.16.S686	160	40	75	50	16	19	40	5	5 5	MP .. 120408
F2252.BN.160.Z05.19.S686	160	40	75	50	19	22	40	5	5 5	
F2252.BN.160.Z05.22.S686	160	40	75	50	22	23.5	40	5	5 5	
F2252.BN.200.Z06.16.S686	200	40	90	50	16	19	50	6	6 6	
F2252.BN.200.Z06.19.S686	200	40	90	50	19	22	50	6	6 6	
F2252.BN.200.Z06.22.S686	200	40	90	50	22	23.5	50	6	6 6	

Adjustable cutting width
Bodies and assembly parts are included in the scope of delivery

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

D2

Assembly parts

	D_c [mm]	80–100	125–200
	Cartridge for right tool body	FR684	FR686
	Cartridge for left tool body	FL684	FL686
	Clamping wedge	FK358	FK359
	Clamping sleeve	FS1166 (SW 3)	FS1168
	Eccentric bolt	FS1169 (SW 4)	FS1171 (SW 2.5)
	Spring washer	FS1220	FS1221
	Clamping screw for clamping wedge Tightening torque	FS1161 (SW 2.5) 3.5 Nm	FS1162 (SW 4) 9 Nm
	Clamping screw for indexable insert Tightening torque	FS923 (T8) 1.2 Nm	FS1029 (T20) 5 Nm

Accessories

	D_c [mm]	80–100	125–200
	Screwdriver	FS230 (T8)	
	ISO 2936 key: Wedge + eccentric bolt	ISO2936-2.5 (SW 2.5)	ISO2936-4 (SW 4)
	Torque screwdriver, analog	FS2001	
	Cartridge: Right, P2905-. finish insert		FR696
	Torque screwdriver, digital	FS2248	
	Cartridge: Left, P2905-. finish insert		FL696
	Clamping screw for finishing insert		FS260 (T20) 5 Nm
	Interchangeable blade	FS2007 (T8)	
	Screwdriver for finishing insert		FS228 (T20)
	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 HC WHH15	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	P HC WXM15	M HC WSM35S	M HC WSP45G	M HC WXM15	K HC WAK15	K HC WHH15	K HC WKP25S	K HC WKP35G	K HC WKP35S	K HC WXM15	N HC WXN15	S HC WSM35S	S HC WSP45G	H HC WHH15
	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	●					●			●	●	●				●				●

HC = Coated carbide

D 2

Round insert milling cutters

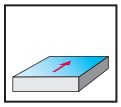
M5468 mm

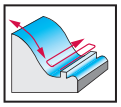
RD . X0501M0

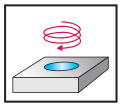
Xtra·tec® XT

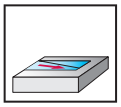


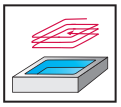














	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool

Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit										
M5468-010-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	
Cylindrical modular										
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	
DIN 1835 B										
M5468-010-W10-02-02.5	2.5	10	10	19	60	2.5	2	0.03	2	RD . X0501M0
M5468-012-W12-03-02.5	2.5	12	12	19	65	2.5	3	0.05	3	

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_a [mm]	10–20
	Clamping screw for indexable insert Tightening torque	FS1358 (T6) 0.4 Nm

Accessories

	D_a [mm]	10–20
	Torque screwdriver, analog	FS2001
	Interchangeable blade	FS2005 (T6)
	Screwdriver	FS1063 (T6)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSP45G	K HC WHH15	K HC WHH15X	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HW WK10	S HC WSM35S	S HC WSP45G	H HC WHH15	H HC WHH15X
	RDGX0501M0-G88	G	4	5															☹				
	RDHX0501M0-A57	H	4	5	☺	☺	😐	😟	😟				☺	☺	😐	😐	😟	😟				☺	☺
	RDMX0501M0-D57	M	4	5			☺	😐	😐	😟	😐	😟			😐	😐	😟	😟		😐	😟		

HC = Coated carbide
HW = Uncoated carbide

D2

Round insert milling cutters

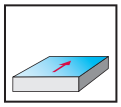
M5468 mm

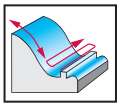
RD . X07T1M0

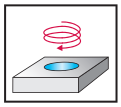
Xtra·tec® XT

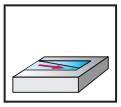


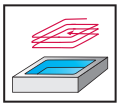






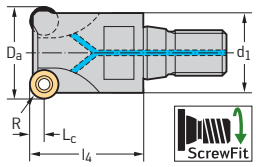
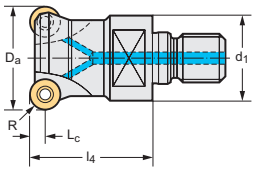
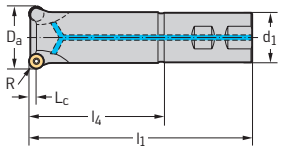








	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool	Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	M5468-015-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	
 Cylindrical modular	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	
 DIN 1835 B	M5468-015-W16-03-03.5	3.5	15	16	51	100	3.5	3	0.12	3	RD . X07T1M0

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_a [mm]	15–30
	Clamping screw for indexable insert Tightening torque	FS1455 (T8IP) 1.2 Nm

Accessories

	D_a [mm]	15–30
	Torque screwdriver, analog	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSP45G	K HC WHH15	K HC WHH15X	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HW WK10	S HC WSM35S	S HC WSP45G	H HC WHH15	H HC WHH15X
	RDGX07T1M0-G88	G	4	7															●				
	RDHX07T1M0-A57	H	4	7	●	●	●	●	●				●	●	●	●	●	●				●	●
	RDMX07T1M0-D57	M	4	7			●	●	●	●	●	●			●	●	●	●		●	●		

HC = Coated carbide
HW = Uncoated carbide

D2

Round insert milling cutters

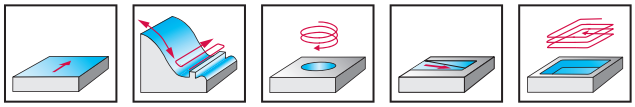
M5468 mm

RO . X0803M0

Xtra·tec® XT



– With indexing surfaces
– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool

Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit										
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	
Cylindrical modular										
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	
DIN 1835 B										
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	

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_a [mm]	16	25–32
	Clamping screw for indexable insert Tightening torque	FS1456 (T9IP) 2 Nm	FS2078 (T9IP) 1.5 Nm

Accessories

	D_a [mm]	16–32
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSP45G	K HC WHH15X	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	H HC WHH15X
	ROGX0803M04-G88	G	4	8													☺	☺			
	ROHX0803M04-A57	H	4	8	☺	☺	☹	☹				☺	☺	☺	☹	☹					☺
	ROHX0803M04-D57	H	4	8				😐	☹	😐	☹					☹			😐	☹	
	ROHX0803M04-D67	H	4	8					😐		😐									😐	
	ROMX0803M04-D57	M	4	8		☺		😐	☹	😐	☹		☺	☺		☹			😐	☹	

HC = Coated carbide
HW = Uncoated carbide

D2

Round insert milling cutters

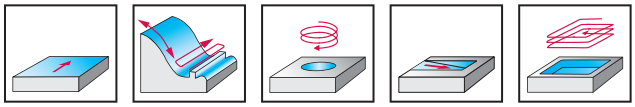
M5468 mm

RO . X10T3M0

Xtra·tec® XT



– With indexing surfaces
– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool

Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit										
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	
Cylindrical modular										
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	
DIN 1835 B										
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	
Shell mill mount DIN 138 transverse keyway										
M5468-040-B16-05-05	5	40	16	40		5	5	0.14	5	RO . X10T3M0
M5468-050-B22-06-05	5	50	22	50		5	6	0.33	6	
M5468-052-B22-06-05	5	52	22	50		5	6	0.38	6	

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_a [mm]	20–52
	Clamping screw for indexable insert Tightening torque	FS2181 (T15IP) 3 Nm

Accessories

	D_a [mm]	20–52
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX10T3M08-G88	G	8	10														●	●				
	ROHX10T3M08-A57	H	8	10	●	●	●	●					●	●	●	●	●						●
	ROMX10T3M08-D57	M	8	10		●	●	●	●	●		●		●	●	●	●			●		●	
	ROMX10T3M08-F67	M	8	10					●	●	●	●								●	●	●	
	ROMX10T3M0T8-A27	M	8	10		●	●	●						●	●	●	●						

HC = Coated carbide
HW = Uncoated carbide

D2

Round insert milling cutters

M5468 inch

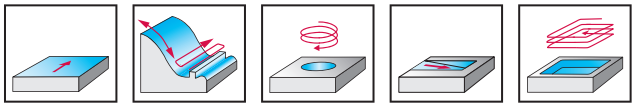
RO . X10T3M0

Xtra·tec® XT





– With indexing surfaces
– 8 cutting edges per indexable insert

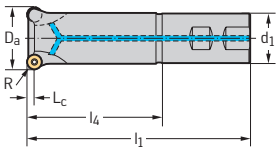




	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

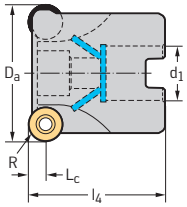
Tool

Designation	R inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M5468.026-W26-03-05	0.197	1.000	1.000	2.5	4.781	0.197	3	0.015	3	RO . X10T3M0
M5468.031-W31-04-05	0.197	1.250	1.250	2.5	4.781	0.197	4	0.023	4	
M5468.038-W31-05-05	0.197	1.500	1.250	2.5	4.781	0.197	5	0.025	5	



DIN 1835 B

Designation	R inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M5468.051-B19-06-05	0.197	2.000	0.750	1.750		0.197	6	0.011	6	RO . X10T3M0



Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

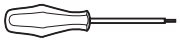
D 2

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

Assembly parts

	D_a [inch]	1–1.5	2
	Clamping screw for indexable insert Tightening torque	FS2181 (T15IP) 27 in lbs	FS2181 (T15IP) 27 in lbs
	Clamping screw for arbor-mounted tools		FS1518

Accessories

	D_a [inch]	1–2
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX10T3M08-G88	G	8	10														●	●				
	ROHX10T3M08-A57	H	8	10	●	●	●	●					●	●	●	●	●						●
	ROMX10T3M08-D57	M	8	10		●	●	●	●	●		●		●	●	●	●			●		●	
	ROMX10T3M08-F67	M	8	10					●	●	●	●								●	●	●	
	ROMX10T3M0T8-A27	M	8	10		●	●	●						●	●	●	●						

HC = Coated carbide
HW = Uncoated carbide

D2

Round insert milling cutters

M5468 mm

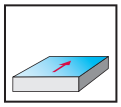
RO . X1204M0

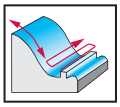
Xtra·tec® XT

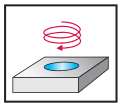


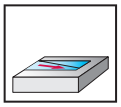


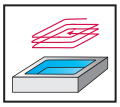
– With indexing surfaces
– 8 cutting edges per indexable insert













	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool

Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
ScrewFit										
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	
Cylindrical modular										
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	
DIN 1835 B										
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	
Shell mill mount DIN 138 transverse keyway										
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	0.63	6	
M5468-066-B27-07-06	6	66	27	50		6	7	0.62	7	
M5468-080-B27-07-06	6	80	27	50		6	7	0.87	7	
M5468-080-B27-08-06	6	80	27	50		6	8	0.87	8	
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

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

D2

Assembly parts

	D_a [mm]	32–100	24
	Clamping screw for indexable insert Tightening torque	FS2080 (T15IP) 2.5 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	D_a [mm]	24–100
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX1204M08-G88	G	8	12														●	●				
	ROHX1204M08-A57	H	8	12	●	●	○	○					●	●	●	○	○						●
	ROMX1204M08-D57	M	8	12		●	●	●	○	●		○		●	●	○	○			●		○	
	ROMX1204M08-F67	M	8	12					○	●	○	○								●	○	○	
	ROMX1204M0T8-A27	M	8	12		●	○	○						●	●	○	○						

HC = Coated carbide
HW = Uncoated carbide

D2

Round insert milling cutters

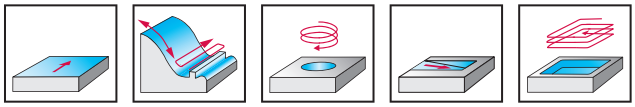
M5468 inch

RO . X1204M0

Xtra·tec® XT



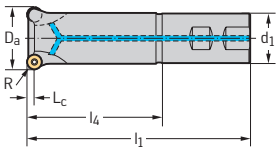
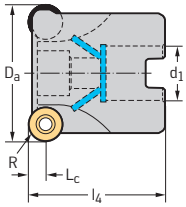
– With indexing surfaces
– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool

	Designation	R inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 DIN 1835 B	M5468.038-W31-04-06	0.236	1.500	1.250	2.5	4.781	0.236	6	0.025	6	RO . X1204M0
 Shell mill mount DIN 138 transverse keyway	M5468.051-B19-06-06	0.236	2.000	0.750	1.750		0.236	6	0.01	6	RO . X1204M0
	M5468.064-B26-07-06	0.236	2.500	1.000	2.000		0.236	7	0.019	7	
	M5468.076-B26-08-06	0.236	3.000	1.000	2.000		0.236	8	0.031	8	
	M5468.102-B38-08-06	0.236	4.000	1.500	2.500		0.236	8	0.076	8	

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_a [inch]	1.5	2	2.5–3	4
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 31 in lbs	FS1453 (T15IP) 31 in lbs	FS1453 (T15IP) 31 in lbs	FS1453 (T15IP) 31 in lbs
	Clamping screw for arbor-mounted tools		FS1518	FS1519	FS1583

Accessories

	D_a [inch]	1.5–4
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX1204M08-G88	G	8	12														●	●				
	ROHX1204M08-A57	H	8	12	●	●	●	●					●	●	●	●	●						●
	ROMX1204M08-D57	M	8	12		●	●	●	●	●		●		●	●	●	●			●		●	
	ROMX1204M08-F67	M	8	12					●	●	●	●								●	●	●	
	ROMX1204M0T8-A27	M	8	12		●	●	●						●	●	●	●						

HC = Coated carbide
HW = Uncoated carbide

D2

Round insert milling cutters

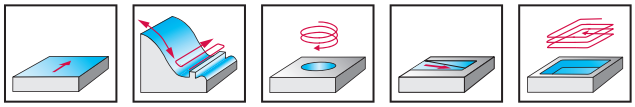
M5468 mm

RO . X1605M0

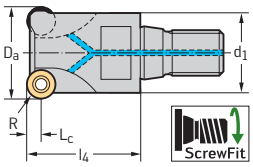
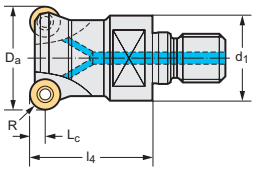
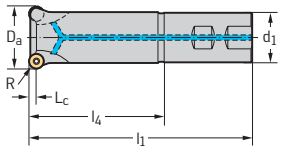
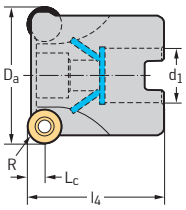
Xtra·tec® XT



– With indexing surfaces
– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool	Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	M5468-032-T28-02-08	8	32	T28	40		8	2	0.14	2	RO . X1605M0
 Cylindrical modular	M5468-032-TC16-02-08	8	32	M16	40		8	2	0.14	2	RO . X1605M0
 DIN 1835 B	M5468-032-W32-02-08	8	32	32	99	160	8	2	0.74	2	RO . X1605M0
	★ M5468-032-W32-02-08-XL	8	32	32	159	220	8	2	1.03	2	
 Shell mill mount DIN 138 transverse keyway	M5468-052-B22-04-08	8	52	22	50		8	4	0.32	4	RO . X1605M0
	M5468-052-B22-05-08	8	52	22	50		8	5	0.31	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	0.58	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	

D 2

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

Assembly parts

	D_a [mm]	52–125	32
	Clamping screw for indexable insert Tightening torque	FS2281 (T20IP) 5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_a [mm]	32–125
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX1605M08-G88	G	8	16														●	●				
	ROHX1605M08-A57	H	8	16	●	●	●	●					●	●	●	●	●						●
	ROMX1605M08-D57	M	8	16		●	●	●	●	●		●		●	●	●	●			●		●	
	ROMX1605M08-F67	M	8	16					●	●	●	●								●	●	●	
	ROMX1605M0T8-A27	M	8	16		●	●	●						●	●	●	●						

HC = Coated carbide
HW = Uncoated carbide

D2

Round insert milling cutters

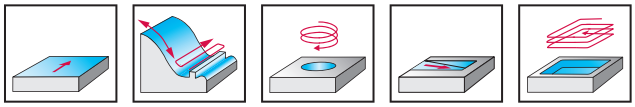
M5468 inch

RO . X1605M0

Xtra·tec® XT



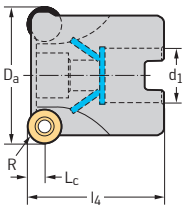
– With indexing surfaces
– 8 cutting edges per indexable insert





	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation	R inch	D_a inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M5468.064-B26-06-08	0.315	2.500	1.000	2.000	0.315	6	0.018	6	RO . X1605M0
M5468.076-B26-07-08	0.315	3.000	1.000	2.000	0.315	7	0.029	7	
M5468.102-B38-07-08	0.315	4.000	1.500	2.500	0.315	7	0.072	7	
M5468.127-B38-08-08	0.315	5.000	1.500	2.500	0.315	8	0.104	8	

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_a [inch]	2.5–3	4–5
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 44 in lbs	FS1495 (T20IP) 44 in lbs
	Clamping screw for arbor-mounted tools	FS1519	FS1583

Accessories

	D_a [inch]	2,5–5
	Torque screwdriver, analog	FS2004
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WHH15X	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G	H HC WHH15X
	ROGX1605M08-G88	G	8	16														●	●				
	ROHX1605M08-A57	H	8	16	●	●	●	●					●	●	●	●	●						●
	ROMX1605M08-D57	M	8	16		●	●	●	●	●		●		●	●	●	●			●		●	
	ROMX1605M08-F67	M	8	16					●	●	●	●								●	●	●	
	ROMX1605M0T8-A27	M	8	16		●	●	●						●	●	●	●						

HC = Coated carbide
HW = Uncoated carbide

D2

Round insert milling cutters

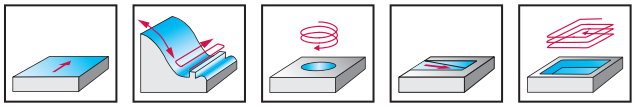
M5468 mm

RO . X2006M0

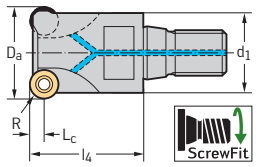
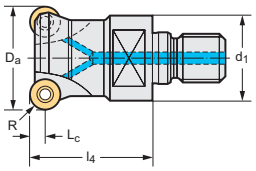
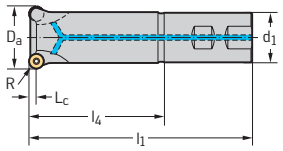
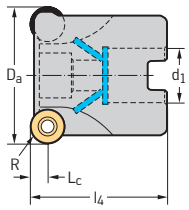
Xtra·tec® XT



– With indexing surfaces
– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●●	●●	●●	●●	●●	●●	●

Tool	Designation	R mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	M5468-040-T36-02-10	10	40	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

D 2

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

Assembly parts

	D_a [mm]	40–160
	Clamping screw for indexable insert Tightening torque	FS2614 (T20IP) 5 Nm

Accessories

	D_a [mm]	40–160
	Torque screwdriver, analog	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WHH15X	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSP45G	K HC WHH15X	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSP45G	H HC WHH15X
	ROGX2006M08-G88	G	8	20													●	●			
	ROHX2006M08-A57	H	8	20	●	●	●	●				●	●	●	●	●					●
	ROHX2006M08-D57	H	8	20				●								●					
	ROHX2006M0T8-A27	H	8	20				●								●					
	ROMX2006M08-D57	M	8	20		●	●	●	●	●	●		●	●	●	●			●	●	
	ROMX2006M0T8-A27	M	8	20		●	●	●					●	●	●	●					

HC = Coated carbide
HW = Uncoated carbide

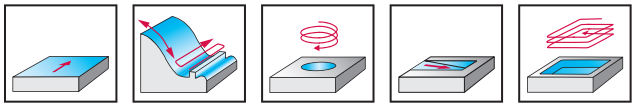
D2

Copy milling cutters with round inserts

F2334R mm

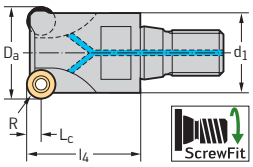
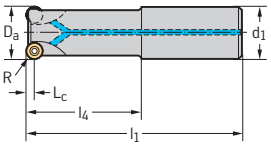
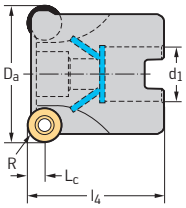


– Reinforced design
– 4 cutting edges per indexable insert, with indexing surfaces





	P	M	K	N	S	H	O
F2334R	●●	●●	●●		●●		

Tool	Designation	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
 ScrewFit	F2334R.T22.025.Z03.05	25	T22	35		5	3	0.1	3	RO . X10T3M0
	★ F2334R.T28.032.Z03.05	32	T28	40		5	3	0.18	3	
	F2334R.T28.032.Z04.05	32	T28	40		5	4	0.2	4	
	F2334R.T36.040.Z04.06	40	T36	40		6	4	0.34	4	RO . X1204M0
 Cylindrical shank	F2334R.Z32.032.Z04.05	32	32	70	131	5	4	0.66	4	RO . X10T3M0
 Shell mill mount DIN 138 transverse keyway	F2334R.B16.040.Z04.06	40	16	40		6	4	0.22	4	RO . X1204M0
	F2334R.B16.040.Z05.05	40	16	40		5	5	0.23	5	RO . X10T3M0
	F2334R.B16.040.Z05.06	40	16	40		6	5	0.21	5	RO . X1204M0
	F2334R.B16.040.Z06.05	40	16	40		5	6	0.23	6	RO . X10T3M0
	F2334R.B22.050.Z05.06	50	22	40		6	5	0.32	5	RO . X1204M0
	F2334R.B22.050.Z06.06	50	22	40		6	6	0.35	6	
	★ F2334R.B22.052.Z05.05	52	22	40		5	5	0.34	5	RO . X10T3M0
	F2334R.B22.052.Z05.06	52	22	40		6	5	0.37	5	RO . X1204M0
	★ F2334R.B22.052.Z06.05	52	22	40		5	6	0.35	6	RO . X10T3M0
	F2334R.B22.052.Z06.06	52	22	40		6	6	0.36	6	RO . X1204M0
	F2334R.B22.063.Z07.06	63	22	40		6	7	0.59	7	
	★ F2334R.B27.066.Z06.06	66	27	50		6	6	0.59	6	
	★ F2334R.B27.066.Z07.06	66	27	50		6	7	0.6	7	
	★ F2334R.B27.080.Z07.06	80	27	50		6	7	0.9	7	
	★ F2334R.B27.080.Z09.06	80	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

	D_a [mm]	25	32–80	40–63
	Clamping screw for indexable insert Tightening torque	FS2181 (T15IP) 3 Nm		FS1453 (T15IP) 3.5 Nm

Accessories

	D_a [mm]	25–63	32–80
	Screwdriver	FS1485 (T15IP)	
	Torque screwdriver, analog	FS2003	
	Interchangeable blade	FS2014 (T15IP)	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WKP35G	P HC WKP35S	P HC WMP45G	P HC WSP45G	P HC WSP45S	M HC WMP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	M HC WSP45S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSM45X	S HC WSP45G	S HC WSP45S
	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			●	●	●	●		●	●	●				●	●	●
	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			●	●	●	●		●	●	●				●	●	●

HC = Coated carbide

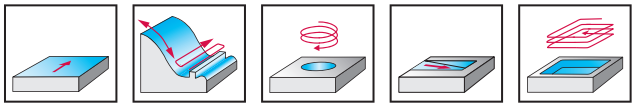
D2

Copy milling cutters with round inserts

F2334R inch

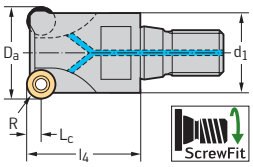
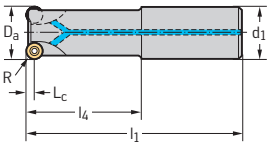
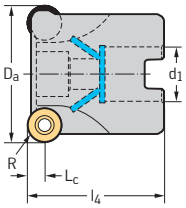


– Reinforced design
– 4 cutting edges per indexable insert, with indexing surfaces





	P	M	K	N	S	H	O
F2334R	●●	●●	●●		●●		

Tool	Designation	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
 ScrewFit	F2334R.UT28.031.Z04.05	1.250	T28	1.575		0.197	4	0.008	4	RO . X10T3M0
 Cylindrical shank	F2334R.UZ31.031.Z04.05	1.250	1.250	2.750	5.125	0.197	4	0.025	4	RO . X10T3M0
 Shell mill mount DIN 138 transverse keyway	F2334R.UB13.038.Z04.06	1.500	0.500	1.500		0.236	4	0.007	4	RO . X1204M0
	F2334R.UB19.051.Z05.06	2.000	0.750	1.500		0.236	5	0.014	5	
	★ F2334R.UB19.051.Z06.05	2.000	0.750	1.500		0.197	6	0.012	6	RO . X10T3M0
	F2334R.UB19.051.Z06.06	2.000	0.750	1.500		0.236	6	0.013	6	RO . X1204M0
	F2334R.UB26.064.Z07.06	2.500	1.000	1.750		0.236	7	0.027	7	

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_a [inch]	1.25	1.5	2	2.5
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 27 in lbs	FS1453 (T15IP) 31 in lbs	FS1453 (T15IP) 31 in lbs	FS1453 (T15IP) 31 in lbs
	Clamping screw for arbor-mounted tools		FS1522	FS1523	FS1519

Accessories

	D_a [inch]	1.25–2.5
	Screwdriver	FS1485 (T15IP)
	Torque screwdriver, analog	FS2004
	Interchangeable blade	FS2014 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WKP35G	P HC WKP35S	P HC WMP45G	P HC WSP45G	P WSP45S	M HC WMP45G	M HC WSM35S	M WSM45X	M HC WSP45G	M WSP45S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSM45X	S HC WSP45G	S WSP45S
	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			○	○	○	○		○	○	○				○	○	○
	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			○	○	○	○		○	○	○				○	○	○

HC = Coated carbide

D 2

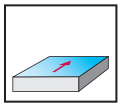
Copy milling cutter with round inserts

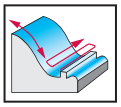
M2471 mm





– 8 cutting edges per indexable insert



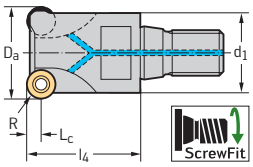




	P	M	K	N	S	H	O
M2471	●●	●●			●●		

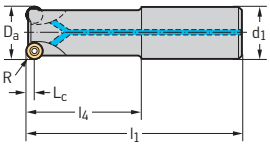
Tool

Designation	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M2471-025-T22-03-05	25	T22	35		5	3	0.09	3	RNMX1005M0
M2471-032-T28-03-06	32	T28	40		6	3	0.18	3	RNMX1206M0
M2471-040-T36-04-06	40	T36	40		6	4	0.31	4	



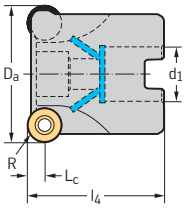
ScrewFit

M2471-025-A25-03-05-L	25	25	60	150	5	3	0.47	3	RNMX1005M0
M2471-032-A32-04-05	32	32	70	131	5	4	0.67	4	



Cylindrical shank

M2471-040-B16-05-05	40	16	40		5	5	0.21	5	RNMX1005M0
M2471-050-B22-05-06	50	22	40		5	5	0.53	5	RNMX1206M0
M2471-050-B22-06-05	50	22	40		6	6	0.35	6	RNMX1005M0
M2471-052-B22-05-06	52	22	40		5	5	0.37	5	RNMX1206M0
M2471-063-B22-07-06	63	22	40		6	7	0.44	7	



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 = ☹

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC		M HC			S HC		
					WSP45G	WSP45S	WSM35S	WSP45G	WSP45S	WSM35S	WSP45G	WSP45S
	RNMX1005M0-G57	M	8	10	●	●	●	●	●	●	●	●
	RNMX1005M0-K67	M	8	10	●	●	●	●	●	●	●	●
	RNMX1206M0-G57	M	8	12	●	●	●	●	●	●	●	●
	RNMX1206M0-K67	M	8	12	●	●	●	●	●	●	●	●

HC = Coated carbide

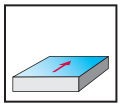
Copy milling cutter with round inserts

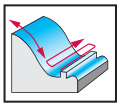
M2471 inch

RNMX1206M0



– 8 cutting edges per indexable insert

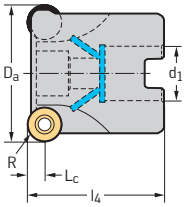






	P	M	K	N	S	H	O
M2471	●●	●●			●●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation	D_a inch	d_1 inch	l_4 inch	L_c inch	Z	lbs	No. of inserts	Type
M2471.051-B19-05-06	2.000	0.750	1.500	0.236	5	0.011	5	RNMX1206M0
M2471.064-B26-07-06	2.500	1.000	1.750	0.236	7	0.023	7	

Bodies and assembly parts are included in the scope of delivery

D 2

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

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WSP45G	P HC WSP45S	M HC WSM35S	M HC WSP45G	M HC WSP45S	S HC WSM35S	S HC WSP45G	S HC WSP45S
	RNMX1206M0-G57	M	8	12	●	●	●	●	●	●	●	●
	RNMX1206M0-K67	M	8	12	●	●	●	●	●	●	●	●

HC = Coated carbide

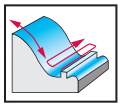
Profile milling cutters

M5460 mm

Xtra·tec® XT

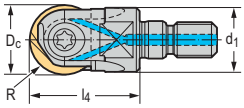
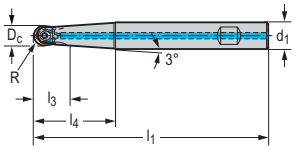
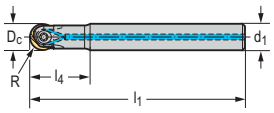


– For HSC machining



	P	M	K	N	S	H	O
M5460	●●	●●	●●		●●	●●	●

Tool

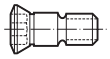
	Designation	D_c mm	R mm	d_1 mm	l_4 mm	l_1 mm	Z	kg	No. of inserts	Type
 Cylindrical modular	M5460-008-TC06-02-04	8	4	M6	20		2	0.01	1	P320 . -D08
	M5460-010-TC06-02-05	10	5	M6	25		2	0.01	1	P320 . -D10
	M5460-012-TC06-02-06	12	6	M6	25		2	0.01	1	P320 . -D12
	M5460-016-TC08-02-08	16	8	M8	25		2	0.02	1	P320 . -D16
	M5460-020-TC10-02-10	20	10	M10	30		2	0.05	1	P320 . -D20
	M5460-025-TC12-02-12	25	12.5	M12	35		2	0.08	1	P320 . -D25
	M5460-030-TC16-02-15	30	15	M16	40		2	0.14	1	P320 . -D30
	M5460-032-TC16-02-16	32	16	M16	40		2	0.14	1	P320 . -D32
 DIN 1835 B	M5460-008-W12-02-04	8	4	12	50	140	2	0.1	1	P320 . -D08
	M5460-010-W12-02-05	10	5	12	35	150	2	0.11	1	P320 . -D10
	M5460-012-W16-02-06	12	6	16	58.5	160	2	0.2	1	P320 . -D12
	M5460-016-W20-02-08	16	8	20	65	175	2	0.34	1	P320 . -D16
	M5460-020-W25-02-10	20	10	25	76	190	2	0.57	1	P320 . -D20
	M5460-025-W32-02-12	25	12.5	32	98	210	2	1.01	1	P320 . -D25
 Cylindrical shank	M5460-008-A10-02-04	8	4	10	25	110	2	0.05	1	P320 . -D08
	M5460-010-A12-02-05	10	5	12	30	130	2	0.09	1	P320 . -D10
	M5460-012-A12-02-06	12	6	12	32	130	2	0.09	1	P320 . -D12
	M5460-016-A16-02-08	16	8	16	36	140	2	0.18	1	P320 . -D16
	M5460-020-A20-02-10	20	10	20	45	160	2	0.32	1	P320 . -D20
	M5460-025-A25-02-12	25	12.5	25	45	160	2	0.42	1	P320 . -D25
	M5460-030-A32-02-15	30	15	32	56	175	2	0.89	1	P320 . -D30
	M5460-032-A32-02-16	32	16	32	56	175	2	0.9	1	P320 . -D32

Bodies and assembly parts are included in the scope of delivery

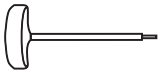
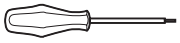
D 2

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

Assembly parts

	D_c [mm]	10	12	16	20	25	30–32	8
	Clamping screw for indexable insert Tightening torque	FS397 (T8) 1 Nm	FS390 (T15) 4 Nm	FS391 (T20) 5 Nm	FS392 (T20) 5 Nm	FS393 (T20) 5 Nm	FS394 (T20) 5 Nm	FS395 (T30) 6 Nm

Accessories

	D_c [mm]	10	12–25	30–32	8
	Torque T-handle				FS2041
	Torque screwdriver, analog	FS2001	FS2003	FS2003	
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2007 (T8)	FS2009 (T15)	FS2010 (T20)	FS2046 (T30)
	Handle key				FS1175 (T30)
	Screwdriver	FS230 (T8)	FS229 (T15)	FS228 (T20)	

Indexable inserts

	Designation	$D_c^{-0.03}$ mm	P HC WH15	P HC WH15X	P HC WKP25	P HC WKP35	P HC WSP46	M HC WSM36	M HC WSP46	K HC WH15	K HC WH15X	K HC WKP25	K HC WKP35	S HC WSM36	S HC WSP46	H HC WH15	H HC WH15X
	P3201-D08	8	☺	☺						☺	☺					☺	☺
	P3201-D10	10	☺	☺	😐	☹				☺	☺	😐	☹			☺	☺
	P3201-D12	12	☺	☺	😐	☹				☺	☺	😐	☹			☺	☺
	P3201-D16	16	☺	☺	😐	☹				☺	☺	😐	☹			☺	☺
	P3201-D20	20	☺	☺	😐	☹				☺	☺	😐	☹			☺	☺
	P3201-D25	25	☺	☺	😐	☹				☺	☺	😐	☹			☺	☺
	P3201-D30	30	☺	☺						☺	☺					☺	☺
	P3201-D32	32	☺	☺						☺	☺					☺	☺
	P3204-D08	8					☹	😐	☹	☺	☺			😐	☹	☺	☺
	P3204-D10	10					☹	😐	☹	☺	☺			😐	☹	☺	☺
	P3204-D12	12					☹	😐	☹	☺	☺			😐	☹	☺	☺
	P3204-D16	16			☺		☹	😐	☹	☺	☺	😐		😐	☹	☺	☺
	P3204-D20	20			☺		☹	😐	☹	☺	☺	😐		😐	☹	☺	☺
	P3204-D25	25					☹	😐	☹	☺	☺			😐	☹	☺	☺
	P3204-D30	30					☹	😐	☹	☺	☺			😐	☹	☺	☺
	P3204-D32	32					☹	😐	☹	☺	☺			😐	☹	☺	☺

HC = Coated carbide

D 2

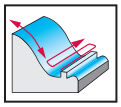
Profile milling cutters

M5460 inch

Xtra·tec® XT



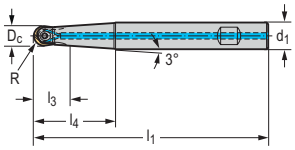
– For HSC machining



	P	M	K	N	S	H	O
M5460	●●	●●	●●		●●	●●	●

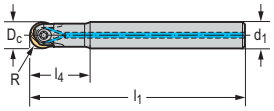
Tool

DIN 1835 B



Designation	D_c inch	R inch	d_1 inch	l_4 inch	l_1 inch	Z	lbs	No. of inserts	Type
M5460.009-W13-02-05	0.375	0.187	0.500	1.378	5.906	2	0.005	1	P320 . -D09.52
M5460.013-W15-02-06	0.500	0.250	0.625	2.303	6.299	2	0.008	1	P320 . -D12.7
M5460.015-W19-02-08	0.625	0.312	0.750	2.559	6.890	2	0.012	1	P320 . -D15.87
M5460.019-W26-02-10	0.750	0.375	1.000	2.992	7.48	2	0.023	1	P320 . -D19.05
M5460.026-W31-02-13	1.000	0.500	1.250	3.858	8.268	2	0.039	1	P320 . -D25.4

Cylindrical shank



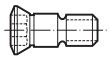
Designation	D_c inch	R inch	d_1 inch	l_4 inch	l_1 inch	Z	lbs	No. of inserts	Type
M5460.009-A13-02-05	0.375	0.187	0.500	1.307	5.118	2	0.004	1	P320 . -D09.52
M5460.013-A13-02-06	0.500	0.250	0.500	1.331	5.118	2	0.004	1	P320 . -D12.7
M5460.015-A15-02-08	0.625	0.312	0.625	1.48	5.512	2	0.007	1	P320 . -D15.87
M5460.019-A19-02-10	0.750	0.375	0.750	1.807	6.299	2	0.012	1	P320 . -D19.05
M5460.026-A26-02-13	1.000	0.500	1.000	1.854	6.299	2	0.020	1	P320 . -D25.4

Bodies and assembly parts are included in the scope of delivery

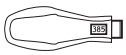
D 2

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

Assembly parts

	D_c [inch]	0.38	0.5	0.62	0.75	1
	Clamping screw for indexable insert Tightening torque	FS390 (T15) 35 in lbs	FS391 (T20) 44 in lbs	FS392 (T20) 44 in lbs	FS393 (T20) 44 in lbs	FS394 (T20) 44 in lbs

Accessories

	D_c [inch]	0.38	0.5–1
	Torque screwdriver, analog	FS2004	FS2004
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2009 (T15)	FS2010 (T20)
	Screwdriver	FS229 (T15)	FS228 (T20)

Indexable inserts

	Designation	$D_c^{-0,03}$ mm	P HC WHH15	P HC WHH15X	P HC WSP46	M HC WSM36	M HC WSP46	K HC WHH15	K HC WHH15X	S HC WSM36	S HC WSP46	H HC WHH15	H HC WHH15X
	P3201-D09.52	9.52		☺					☺				☺
	P3201-D12.7	12.70		☺					☺				☺
	P3201-D15.87	15.87		☺					☺				☺
	P3201-D19.05	19.05		☺					☺				☺
	P3201-D25.4	25.40		☺					☺				☺
	P3204-D09.52	9.52			😣		😣	☺	☺		😣	☺	☺
	P3201-D12.7	12.70	☺					☺				☺	
	P3204-D12.7	12.70			😣	😐	😣	☺	☺	😐	😣	☺	☺
	P3204-D15.87	15.87			😣		😣	☺	☺		😣	☺	☺
	P3201-D19.05	19.05	☺					☺				☺	
	P3204-D19.05	19.05			😣	😐	😣	☺	☺	😐	😣	☺	☺
	P3201-D25.4	25.40	☺					☺				☺	
	P3204-D25.4	25.40			😣		😣	☺	☺		😣	☺	☺

HC = Coated carbide

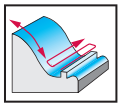
D 2

Profile milling cutters

F2139 mm



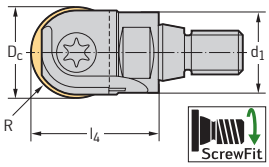
– For HSC machining
– 1 cutting edge per indexable insert





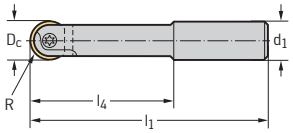
	P	M	K	N	S	H	O
F2139	●●	●●	●●		●●	●●	●

Tool



ScrewFit

Designation	D_c mm	R mm	d_1 mm	l_4 mm	l_1 mm	Z	kg	No. of inserts	Type
F2139.T09.008.Z02.04	8	4	T09	20		2	0.02	1	P320 . -D07.94 P320 . -D08
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	0.11	1	P320 . -D25 P320 . -D25.4
F2139.T28.030.Z02.15	30	15	T28	40		2	0.19	1	P320 . -D30 P320 . -D31.75
F2139.T28.032.Z02.16	32	16	T28	40		2	0.19	1	P320 . -D32



Cylindrical shank

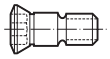
F2139.5.08.070.08-CS	8	4	8	25	70	2	0.05	1	P320 . -D07.94 P320 . -D08
F2139.5.08.100.08-CS	8	4	8	55	100	2	0.07	1	
F2139.5.10.080.10-CS	10	5	10	30	80	2	0.08	1	P320 . -D09.52 P320 . -D10
F2139.5.10.120.10-CS	10	5	10	70	120	2	0.12	1	
F2139.5.12.090.12-CS	12	6	12	32	90	2	0.13	1	P320 . -D12 P320 . -D12.7
F2139.5.12.145.12-CS	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

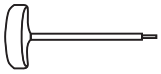
D 2

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

Assembly parts

	D_c [mm]	10	12	16	20	25	30–32	8
	Clamping screw for indexable insert Tightening torque	FS397 (T8) 1 Nm	FS390 (T15) 4 Nm	FS391 (T20) 5 Nm	FS392 (T20) 5 Nm	FS393 (T20) 5 Nm	FS394 (T20) 5 Nm	FS395 (T30) 6 Nm

Accessories

	D_c [mm]	10	12–25	30–32	8
	Handle key				FS1175 (T30)
	Screwdriver for indexable insert	FS230 (T8)	FS229 (T15)	FS228 (T20)	

Indexable inserts

	Designation	$D_c^{-0.03}$ mm	P HC					M HC		K HC				S HC		H HC	
			WHH15	WHH15X	WKP25	WKP35	WSP46	WSM36	WSP46	WHH15	WHH15X	WKP25	WKP35	WSM36	WSP46	WHH15	WHH15X
	P3201-D07.94	7.94		☺							☺						☺
	P3201-D08	8.00	☺	☺						☺	☺					☺	☺
	P3201-D09.52	9.52		☺							☺						☺
	P3201-D10	10.00	☺	☺	😐	☹				☺	☺	😐	☹			☺	☺
	P3201-D12	12.00	☺	☺	😐	☹				☺	☺	😐	☹			☺	☺
	P3201-D12.7	12.70	☺	☺						☺	☺					☺	☺
	P3201-D15.87	15.87		☺							☺						☺
	P3201-D16	16.00	☺	☺	😐	☹				☺	☺	😐	☹			☺	☺
	P3201-D19.05	19.05		☺							☺						☺
	P3201-D20	20.00	☺	☺	😐	☹				☺	☺	😐	☹			☺	☺
	P3201-D25	25.00	☺	☺	😐	☹				☺	☺	😐	☹			☺	☺
	P3201-D25.4	25.4.0	☺	☺						☺	☺					☺	☺
	P3201-D30	30.00	☺	☺						☺	☺					☺	☺
	P3201-D31.75	31.75		☺							☺						☺
	P3201-D32	32.00	☺	☺						☺	☺					☺	☺
	P3204-D07.94	7.94									☺						☺
	P3204-D08	8.00					☹	😐	☹	☺	☺			😐	☹	☺	☺
	P3204-D09.52	9.52					☹		☹	☺	☺				☹	☺	☺
	P3204-D10	10.00					☹	😐	☹	☺	☺			😐	☹	☺	☺
	P3204-D12	12.00					☹	😐	☹	☺	☺			😐	☹	☺	☺
	P3204-D12.7	12.70					☹	😐	☹	☺	☺			😐	☹	☺	☺
	P3204-D15.87	15.87					☹		☹	☺	☺				☹	☺	☺
	P3204-D16	16.00			☺		☹	😐	☹	☺	☺	😐		😐	☹	☺	☺
	P3201-D19.05	19.05	☺							☺						☺	
	P3204-D19.05	19.05					☹	😐	☹	☺	☺			😐	☹	☺	☺
	P3204-D20	20.00			☺		☹	😐	☹	☺	☺	😐		😐	☹	☺	☺
	P3204-D25	25.00					☹	😐	☹	☺	☺			😐	☹	☺	☺
	P3204-D25.4	25.40					☹		☹	☺	☺				☹	☺	☺
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	P3204-D31.75	31.75					☹		☹	☺	☺				☹	☺	☺
	P3204-D32	32.00					☹	😐	☹	☺	☺			😐	☹	☺	☺

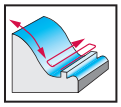
HC = Coated carbide

D2

Copy milling cutters
F2239 / F2239B mm

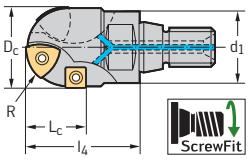
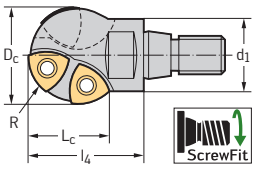
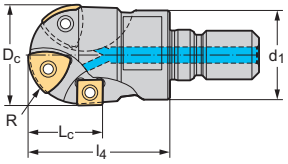
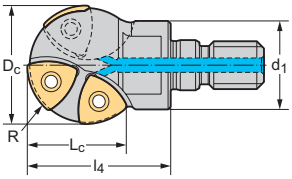
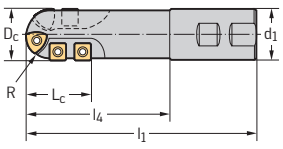


– With peripheral cutting edges
– 3 or 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
F2239	●●	●●	●●		●●		

Tool	Designation	D_c mm	R mm	d_1 mm	l_4 mm	l_1 mm	Z	kg	No. of inserts	Type
 ScrewFit	F2239.T18.020.Z01.15	20	10	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	0.16	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	0.62	3 2	P26315R25
 ScrewFit	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	0.12	3	P26315R15
	F2239B.T22.032.Z01.16	32	16	T22	40		1	0.13	3	P26315R16
	F2239B.T28.040.Z01.20	40	20	T28	45		1	0.22	3	P26315R20
 Cylindrical modular	F2239.TC10.020.Z01.15	20	10	M10	30		1	0.04	2 1	P26315R10
	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
 Cylindrical modular	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
 DIN 1835 B	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 = ☹

D2

Assembly parts

	D_c [mm]	20	25	30–32	40–63
	Clamping screw for indexable insert Tightening torque	FS1129 (T8) 0.8 Nm	FS923 (T8) 1.2 Nm	FS359 (T15) 2.5 Nm	FS1030 (T20) 5 Nm

Accessories

	D_c [mm]	20	25	30–32	40–63
	Torque screwdriver, analog	FS2001	FS2001		
	Screwdriver for indexable insert			FS229 (T15)	FS228 (T20)
	Torque T-handle				FS2041
	Torque screwdriver, analog			FS2003	
	Interchangeable blade	FS2007 (T8)	FS2007 (T8)		
	Torque screwdriver, digital		FS2248	FS2248	
	Screwdriver for indexable insert	FS230 (T8)	FS230 (T8)		
	Interchangeable blade				FS2044 (T20)
	Interchangeable blade			FS2009 (T15)	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P				M		K		S	
					HC				HC		HC		HC
				WKP25S	WKP35S	WSP45G	WSP45S	WSP45G	WSP45S	WKP25S	WKP35S	WSP45G	WSP45S
	P26315R25	M	3	●	●	○	○	○	○	●	○	○	○
	P26315R31	M	3	●	●	○	○	○	○	●	○	○	○
	P26315R10	M	3	●	●	○	○	○	○	●	○	○	○
	P26315R12	M	3	●	●	○	○	○	○	●	○	○	○
	P26315R15	M	3	●	●	○	○	○	○	●	○	○	○
	P26315R16	M	3	●	●	○	○	○	○	●	○	○	○
	P26315R20	M	3	●	●	○	○	○	○	●	○	○	○
	SPMT120408-D51	M	4	●	●	○	○	○	○	●	○	○	○
	SPMT120408-F55	M	4	●	●	○		○		●	○	○	
	SPMW120408-A57	M	4	◐	○					◐	○		
	SPMW120408T-A27	M	4	◐	○					◐	○		
	SPMT060304-D51	M	4	●	●	○	○	○	○	●	○	○	○
	SPMT060304-F55	M	4	●	●	○		○		●	○	○	
	SPMW060304-A57	M	4	◐	○					◐	○		
	SPMW060304T-A27	M	4		○						○		
	SPMT09T308-D51	M	4	●	●	○	○	○	○	●	○	○	○
	SPMT09T308-F55	M	4	●	●	○		○		●	○	○	
	SPMW09T308-A57	M	4	◐	○					◐	○		
	SPMW09T308T-A27	M	4	◐	○					◐	○		

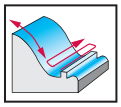
HC = Coated carbide

D2

Copy milling cutters
F2239 / F2239B mm

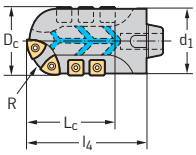


– With peripheral cutting edges
– 3 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2239	●●	●●	●●		●●		

Tool



Modular NCT adaptor

Designation	D_c mm	R mm	d_1 mm	l_4 mm	l_1 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	
F2239.N6.063.Z01.53	63	31.5	63	80		1	1.18	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

D 2

Assembly parts

	D_c [mm]	20	25	30–32	40–63
	Clamping screw for indexable insert Tightening torque	FS1129 (T8) 0.8 Nm	FS923 (T8) 1.2 Nm	FS359 (T15) 2.5 Nm	FS1030 (T20) 5 Nm

Accessories

	D_c [mm]	20	25	30–32	40–63
	Torque screwdriver, analog	FS2001	FS2001		
	Screwdriver for indexable insert			FS229 (T15)	FS228 (T20)
	Torque T-handle				FS2041
	Torque screwdriver, analog			FS2003	
	Interchangeable blade	FS2007 (T8)	FS2007 (T8)		
	Torque screwdriver, digital		FS2248	FS2248	
	Screwdriver for indexable insert	FS230 (T8)	FS230 (T8)		
	Interchangeable blade				FS2044 (T20)
	Interchangeable blade			FS2009 (T15)	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P				M		K		S	
					HC				HC		HC		HC
				WKP25S	WKP35S	WSP45G	WSP45S	WSP45G	WSP45S	WKP25S	WKP35S	WSP45G	WSP45S
	P26315R25	M	3	☺	😐	☹	☹	☹	☹	😐	☹	☹	☹
	P26315R31	M	3	☺	😐	☹	☹	☹	☹	😐	☹	☹	☹
	P26315R10	M	3	☺	😐	☹	☹	☹	☹	😐	☹	☹	☹
	P26315R12	M	3	☺	😐	☹	☹	☹	☹	😐	☹	☹	☹
	P26315R15	M	3	☺	😐	☹	☹	☹	☹	😐	☹	☹	☹
	P26315R16	M	3	☺	😐	☹	☹	☹	☹	😐	☹	☹	☹
	P26315R20	M	3	☺	😐	☹	☹	☹	☹	😐	☹	☹	☹
	SPMT120408-D51	M	4	☺	😐	☹	☹	☹	☹	😐	☹	☹	☹
	SPMT120408-F55	M	4	☺	😐	☹		☹		😐	☹	☹	
	SPMW120408-A57	M	4	😐	☹					😐	☹		
	SPMW120408T-A27	M	4	😐	☹					😐	☹		
	SPMT060304-D51	M	4	☺	😐	☹	☹	☹	☹	😐	☹	☹	☹
	SPMT060304-F55	M	4	☺	😐	☹		☹		😐	☹	☹	
	SPMW060304-A57	M	4	😐	☹					😐	☹		
	SPMW060304T-A27	M	4		☹						☹		
	SPMT09T308-D51	M	4	☺	😐	☹	☹	☹	☹	😐	☹	☹	☹
	SPMT09T308-F55	M	4	☺	😐	☹		☹		😐	☹	☹	
	SPMW09T308-A57	M	4	😐	☹					😐	☹		
	SPMW09T308T-A27	M	4	😐	☹					😐	☹		

HC = Coated carbide

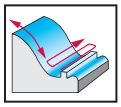
D2

Copy milling cutters

F2339 mm



– With anti-twist protection
– 2 cutting edges per indexable insert

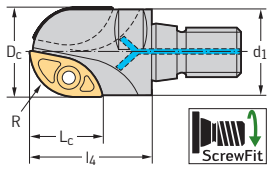




	P	M	K	N	S	H	O
F2339	●●	●●	●●		●●	●	

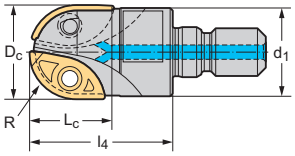
Tool

Designation	D_c mm	R mm	d_1 mm	l_4 mm	l_1 mm	Z	kg	No. of inserts	Type
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	0.1	2	XD . T2004125R
F2339.T28.030.Z02.24	30	15	T28	40		2	0.16	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	0.33	2	XD . T3207200R



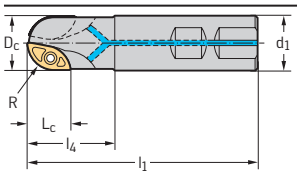
ScrewFit

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



Cylindrical modular

F2339.W16.016.Z02.11	16	8	16	25	74	2	0.2	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



DIN 1835 B

Bodies and assembly parts are included in the scope of delivery

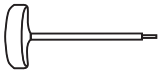
D2

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

Assembly parts

	D_c [mm]	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_c [mm]	16	20	25	30–32	40
	Handle key				FS1173 (T20)	FS1174 (T25)
	Screwdriver for indexable insert	FS1483 (T8IP)	FS230 (T8)	FS229 (T15)		
	Torque T-handle				FS2041	FS2041
	Torque screwdriver, analog	FS2001	FS2001	FS2003		
	Torque screwdriver, digital	FS2248	FS2248	FS2248		
	Interchangeable blade				FS2044 (T20)	FS2044 (T20)
	Interchangeable blade	FS2012 (T8IP)	FS2007 (T8)	FS2009 (T15)		

Tool

	Designation	Tolerance class	Number of cutting edges	l_2 mm	l mm	s mm	α °	R mm	R in	P HC					M HC			K HC			S HC		
										WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WSM35S	WSP45G	WSP45S	WKP25S	WKP35G	WKP35S	WSM35S	WSP45G	WSP45S
	XDGT1303080R-D57	G	2	8.5	13.12	3	15°	8.00	0.315			●		●			●			●			●
	XDMT1303080R-F55	M	2	8.5	13.12	3	15°	8.00	0.315	●	●	●	●		●	●		●	●	●	●	●	
	XDGT16T3100R-D57	G	2	9	15.93	3.74	15°	10.00	0.394			●	●	●		●	●			●		●	●
	XDMT16T3100R-F55	M	2	9	15.93	3.74	15°	10.00	0.394	●	●	●	●		●	●		●	●	●	●	●	
	XDGT2004125R-D57	G	2	11.3	19.94	4.68	15°	12.50	0.492			●	●	●		●	●			●		●	●
	XDMT2004125R-F55	M	2	11.3	19.94	4.68	15°	12.50	0.492	●	●	●	●		●	●		●	●	●	●	●	
	XDGT2405150R-D57	G	2	13.5	23.94	5.62	15°	15.00	0.591			●		●			●			●			●
	XDMT2405150R-F55	M	2	13.5	23.94	5.62	15°	15.00	0.591	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	XDGT2506160R-D57	G	2	14.4	25.54	6	15°	16.00	0.630			●	●	●		●	●			●		●	●
	XDMT2506160R-F55	M	2	14.4	25.54	6	15°	16.00	0.630	●	●	●	●		●	●		●	●	●	●	●	
	XDGT3207200R-D57	G	2	18	31.95	7.5	15°	20.00	0.787			●	●	●		●	●			●		●	●
	XDMT3207200R-F55	M	2	18	31.95	7.5	15°	20.00	0.787	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	XDGT1303079R-D57	G	2	8.5	13.12	3	15°	7.84	0.309				●	●		●	●					●	●
	XDMT1303079R-F55	M	2	8.5	13.12	3	15°	7.92	0.312				●	●		●	●					●	●
	XDGT16T3095R-D57	G	2	9	15.93	3.74	15°	9.53	0.375				●	●		●	●					●	●
	XDMT16T3095R-F55	M	2	9	15.93	3.74	15°	9.53	0.375			●	●	●		●	●			●		●	●
	XDGT2004127R-D57	G	2	11.3	19.94	4.68	15°	12.70	0.500				●	●		●	●					●	●
	XDMT2004127R-F55	M	2	11.3	19.94	4.68	15°	12.70	0.500	●		●	●	●		●	●	●		●		●	●
	XDGT2506159R-D57	G	2	14.4	25.54	6	15°	15.88	0.625					●			●						●
	XDMT2506159R-F55	M	2	14.4	25.54	6	15°	15.88	0.625			●	●	●		●	●			●		●	●

HC = Coated carbide

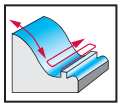
D 2

Copy milling cutters

F2339 inch



– With anti-twist protection
– 2 cutting edges per indexable insert

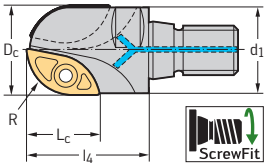




	P	M	K	N	S	H	O
F2339	●●	●●	●●		●●	●	

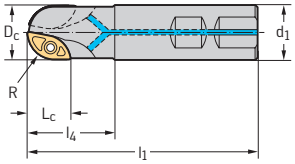
Tool

Designation	D_c inch	R inch	d_1 inch	l_4 inch	l_1 inch	Z	lbs	No. of inserts	Type
F2339.UT14.015.Z02.11	0.625	0.313	T14	0.984		2	0.001	2	XD . 1303080R
F2339.UT18.019.Z02.15	0.750	0.375	T18	1.181		2	0.002	2	XD . T16T3100R
F2339.UT22.026.Z02.20	1.000	0.500	T22	1.378		2	0.003	2	XD . T2004125R
F2339.UT28.031.Z02.25	1.250	0.625	T28	1.575		2	0.005	2	XD . T2506160R
F2339.UT36.038.Z02.31	1.500	0.750	T36	1.969		2	0.012	2	XD . T3207200R
F2339.UT45.051.Z02.40	2.000	0.992	T45	2.362		2	0.018	2	XD . 4009250R



ScrewFit

Designation	D_c inch	R inch	d_1 inch	l_4 inch	l_1 inch	Z	lbs	No. of inserts	Type
F2339.UW15.015.Z02.11	0.625	0.313	0.625	0.984	2.89	2	0.004	2	XD . 1303080R
F2339.UW19.019.Z02.15	0.750	0.375	0.750	1.378	3.378	2	0.006	2	XD . T16T3100R
F2339.UW26.026.Z02.20	1.000	0.500	1.000	1.575	3.825	2	0.011	2	XD . T2004125R



DIN 1835 B

Bodies and assembly parts are included in the scope of delivery

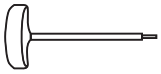
D 2

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

Assembly parts

	D_c [inch]	0.62	0.75	1	1.25	1.5	2
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 11 in lbs	FS1013 (T8) 9 in lbs	FS378 (T15) 27 in lbs	FS1165 (T20) 53 in lbs	FS1164 (T25) 89 in lbs	FS1152 (T30) 89 in lbs

Accessories

	D_c [inch]	0.62	0.75	1	1.25	1.5	2
	Handle key for indexable insert				FS1173 (T20)	FS1174 (T25)	FS1175 (T30)
	Screwdriver for indexable insert		FS230 (T8)	FS229 (T15)			
	Torque T-handle				FS2042	FS2042	FS2042
	Torque screwdriver, analog			FS2004			
	Screwdriver for indexable insert	FS1483 (T8IP)					
	Interchangeable blade				FS2044 (T20)	FS2045 (T25)	FS2046 (T30)
	Torque screwdriver, analog	FS2002	FS2002				
	Interchangeable blade		FS2007 (T8)	FS2009 (T15)			
	Torque screwdriver, digital	FS2248	FS2248	FS2248			
	Interchangeable blade	FS2012 (T8IP)					

Tool

	Designation	Tolerance class	Number of cutting edges	l_2 mm	l mm	s mm	α °	R mm	R in	P					M		K			S	
											HC					HC		HC			HC	
										WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WSP45G	WSP45S	WKP25S	WKP35G	WKP35S	WSP45G	WSP45S
	XDGT1303079R-D57	G	2	8.5	13.12	3	15°	7.84	0.309				●	●	●	●				●	●
	XDMT1303079R-F55	M	2	8.5	13.12	3	15°	7.92	0.312				●	●	●	●				●	●
	XDGT16T3095R-D57	G	2	9	15.93	3.74	15°	9.53	0.375				●	●	●	●				●	●
	XDMT16T3095R-F55	M	2	9	15.93	3.74	15°	9.53	0.375			◐	●	●	●	●			●	●	●
	XDGT2004127R-D57	G	2	11.3	19.94	4.68	15°	12.70	0.500				●	●	●	●				●	●
	XDMT2004127R-F55	M	2	11.3	19.94	4.68	15°	12.70	0.500	◔		◐	●	●	●	●	◐		●	●	●
	XDGT2506159R-D57	G	2	14.4	25.54	6	15°	15.88	0.625					●		●					●
	XDMT2506159R-F55	M	2	14.4	25.54	6	15°	15.88	0.625			◐	●	●	●	●			●	●	●
	XDGT3207191R-D57	G	2	18	31.95	7.5	15°	19.05	0.750				●	●	●	●				●	●
	XDMT3207191R-F55	M	2	18	31.95	7.5	15°	19.05	0.750		◐	◐	●	●	●	●		●	●	●	●
	XDGT4009254R-D57	G	2	22.5	39.95	9.39	15°	25.40	1.000				●	●	●	●				●	●
	XDMT4009254R-F55	M	2	22.5	39.95	9.39	15°	25.40	1.000			◐	●	●	●	●			●	●	●

HC = Coated carbide

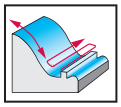
D 2

Copy milling cutters

F2339 mm



– With anti-twist protection
– 2 or 4 cutting edges per indexable insert, with peripheral cutting edges

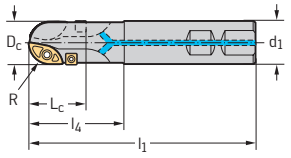




	P	M	K	N	S	H	O
F2339	●●	●●	●●		●●	●	

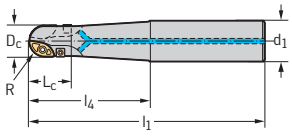
Tool

Designation	D_c mm	R mm	d_1 mm	l_4 mm	l_1 mm	Z	kg	No. of inserts	Type
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



DIN 1835 B

F2339.Z25.020.Z02.28	20	10	25	75	150	2	0,45	2 2	XD . T16T3100R



Cylindrical shank

A feed of Z = 1 is to be expected at the full cutting depth L_c.
On tools with a parallel shank, the max. projection length is $5xD_c$
Bodies and assembly parts are included in the scope of delivery

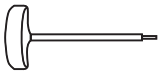
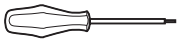
D 2

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

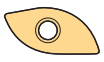
Assembly parts

	D_c [mm]	16	20	25	30–32	40
	Clamping screw for radius insert		FS1013 (T8) 1 Nm	FS378 (T15) 3 Nm	FS1165 (T20) 6 Nm	FS1164 (T25) 10 Nm
	Clamping screw for square insert Tightening torque	FS1454 (T8IP) 1,2 Nm	FS923 (T8) 1,2 Nm	FS923 (T8) 1,2 Nm	FS359 (T15) 2,5 Nm	FS1030 (T20) 5 Nm

Accessories

	D_c [mm]	16	20	25	30	32	40
	Handle key for radius insert				FS1173 (T20)	FS1173 (T20)	FS1174 (T25)
	Screwdriver for radius insert			FS229 (T15)	FS229 (T15)	FS229 (T15)	
	Screwdriver for square insert	FS1483 (T8IP)	FS230 (T8)	FS230 (T8)			FS228 (T20)
	Torque screwdriver, analog	FS2001	FS2001	FS2001			
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248	
	Interchangeable blade	FS2012 (T8IP)	FS2007 (T8)	FS2007 (T8)			FS2045 (T25)
	Interchangeable blade		FS2009 (T15)	FS2009 (T15)	FS2009 (T15)	FS2009 (T15)	
	Torque screwdriver, analog			FS2003	FS2003	FS2003	
	Interchangeable blade				FS2041	FS2041	FS2041

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P					M			K			S		
							HC	HC	HC		HC			HC			HC	
					WKP25S	WKP35G	WKP35S	WSP45G	WSP45S	WSM35S	WSP45G	WSP45S	WKP25S	WKP35G	WKP35S	WSM35S	WSP45G	WSP45S
	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			●								●			
	XDGT1303080R-D57	G	2	8			●		●			●			●			●
	XDMT1303080R-F55	M	2	8	●	●	●	●		●	●		●	●	●	●	●	
	XDGT16T3100R-D57	G	2	10			●	●	●		●	●			●		●	●
	XDMT16T3100R-F55	M	2	10	●	●	●	●		●	●		●	●	●	●	●	
	XDGT2004125R-D57	G	2	12.5			●	●	●		●	●			●		●	●
	XDMT2004125R-F55	M	2	12.5	●	●	●	●		●	●		●	●	●	●	●	
	XDGT2405150R-D57	G	2	15			●		●			●			●			●
	XDMT2405150R-F55	M	2	15	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	XDGT2506160R-D57	G	2	16			●	●	●		●	●			●		●	●
	XDMT2506160R-F55	M	2	16	●	●	●	●		●	●		●	●	●	●	●	
	XDGT3207200R-D57	G	2	20			●	●	●		●	●			●		●	●
	XDMT3207200R-F55	M	2	20	●	●	●	●	●	●	●	●	●	●	●	●	●	●

HC = Coated carbide

D2

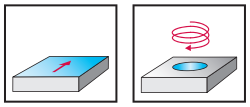
Copy milling cutters with round inserts

F2010 mm

RO . X1605M0

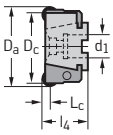
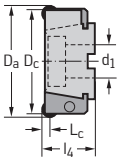
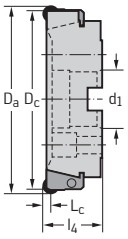
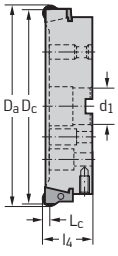


– Adjustable runout
– 6 cutting edges per indexable insert, with indexing surfaces





	P	M	K	N	S	H	O
F2010	●●	●●	●●		●●	●	

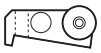
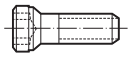
Tool	Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	L_c mm	Z	kg	No. of inserts	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.08.R723M	67.3	83.3	27	52	8	6	1.29	6	RO . X1605M0
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07.08.R723M	87.3	103.3	32	52	8	7	1.84	7	RO . X1605M0
	F2010.B.125.Z08.08.R723M	112.3	128.3	40	65	8	8	3.56	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.08.R723M	147.3	163.3	40	65	8	10	5.6	10	RO . X1605M0
	F2010.B.200.Z12.08.R723M	187.3	203.3	60	65	8	12	8.71	12	
	F2010.B.250.Z12.08.R723M	237.3	253.3	60	65	8	12	16.2	12	
	F2010.B.250.Z16.08.R723M	237.3	253.3	60	65	8	16	16.3	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.08.R723M	302.3	318.3	60	82	8	14	35	14	RO . X1605M0
	F2010.B.315.Z18.08.R723M	302.3	318.3	60	82	8	18	23	18	

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [mm]	67.3–302.3
	Cartridge for tool body	FR723M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1030 (T20) 5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D_c [mm]	67.3–302.3
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Interchangeable blade	FS2044 (T20)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSP45G	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSP45G
	ROHX1605M0-D57	H	6	16	●	●	●	●	●	●	●	●	●
	ROHX1605M0-D67	H	6	16	●		●	●	●	●		●	●
	ROHX1605M0T-A27	H	6	16	●	●				●	●		
	ROMX1605M0-D57	M	6	16	●	●	●	●	●	●	●	●	●

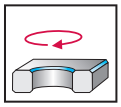
HC = Coated carbide

Chamfer milling cutters

M4574 mm



– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4574	●●	●●	●●	●●	●●		

Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
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	0.28	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	0.14	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
Cylindrical modular										
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	1.54	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
Cylindrical shank										
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

Tools with parallel shank can be shortened depending on the application.
Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [mm]	8–10	12–32	25–40
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	8–10	12–32	25–40
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)		
	Screwdriver	FS2088 (T7IP)		
	Interchangeable blade		FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver		FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC 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	●	○	○							●	●	●						
	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	●	●	●	●	●	○	○	●		●	●	●				●	○	○
	SDMW120408-A57	M	4	0.8	●	○	○							●	●	●						

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

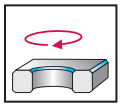
D2

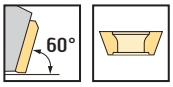
Chamfer milling cutters

M4574 mm



– 4 cutting edges per indexable insert

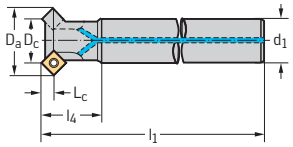




	P	M	K	N	S	H	O
M4574	●●	●●	●●	●●	●●		

Tool

Designation	D_c mm	D_a mm	d_1 mm	l_4 mm	l_1 mm	L_c mm	Z	kg	No. of inserts	Type
M4574-008-A12-01-03-60	8	14.3	12	30	120	4.8	1	0.09	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

Tools with parallel shank can be shortened depending on the application.
Bodies and assembly parts are included in the scope of delivery

D 2

Assembly parts

	D_c [mm]	8–10	12–32	25–40
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	8–10	12–32	25–40
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)		
	Screwdriver	FS2088 (T7IP)		
	Interchangeable blade		FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver		FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC 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	●	○	○							●	●	●						
	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	●	●	●	●	●	○	○	●		●	●	●				●	○	○
	SDMW120408-A57	M	4	0.8	●	○	○							●	●	●						

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

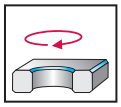
D2

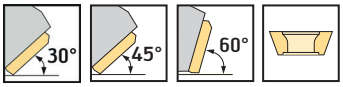
Chamfer milling cutters

M4574 inch



– 4 cutting edges per indexable insert

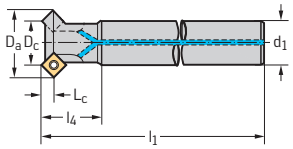




	P	M	K	N	S	H	O
M4574	●●	●●	●●	●●	●●		

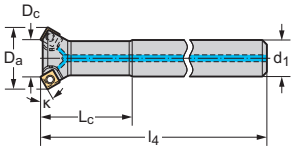
Tool

Designation	D_c inch	D_a inch	d_1 inch	l_4 inch	l_1 inch	L_c inch	Z	lbs	No. of inserts	Type
M4574.013-A15-01-05	0.500	0.976	0.625	1.575	6.299	0.217	1	0.009	1	SDM . 09T308
M4574.019-A19-02-05	0.750	1.224	0.750	1.575	7.874	0.217	2	0.018	2	
M4574.026-A26-03-05	1.000	1.476	1.000	1.575	7.874	0.217	3	0.029	3	
M4574.031-A31-03-05	1.250	1.724	1.250	1.575	9.843	0.217	3	0.058	3	
M4574.038-A38-03-07	1.500	2.154	1.500	1.575	9.843	0.295	3	0.083	3	SDM . 120408



Cylindrical shank

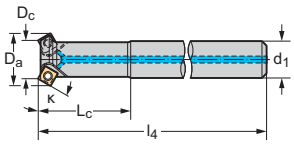
M4574.019-A19-02-05-30	0.750	1.353	0.750	1.575	7.874	0.157	2	0.017	2	SDM . 09T308



Cylindrical shank



M4574.019-A19-02-05-60	0.750	1.124	0.750	1.575	7.874	0.268	2	0.017	2	SDM . 09T308



Cylindrical shank



Tools with parallel shank can be shortened depending on the application.
Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [inch]	0.5–1.25	1.5
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 18 in lbs	FS1453 (T15IP) 31 in lbs

Accessories

	D_c [inch]	0.5–1.25	1.5
	Torque screwdriver, analog	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 mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45G
	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	●	●	●							●	●	●						
	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	●	●	●	●	●	●	●	●		●	●	●				●	●	●
	SDMW120408-A57	M	4	0.8	●	●	●							●	●	●						

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

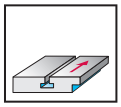
D 2

T-slot milling cutters

M4575 mm



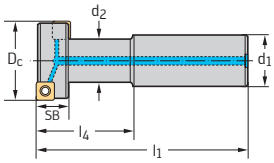
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4575	●●	●●	●●	●●	●●		

Tool



DIN 1835 B

Designation	D_c mm	d_1 mm	d_2 mm	l_4 mm	l_1 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	0.13	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	
M4575-050-W32-02-21	49.5	32	27	61	122	20.75	2	0.72	2 2	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

	D_c [mm]	20.5–24.5	31.75–39.5	49.5
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3.5 Nm

Accessories

	D_c [mm]	20.5–24.5	31.75–39.5	49.5
	Torque screwdriver, analog	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)		
	Screwdriver	FS2088 (T7IP)		
	Interchangeable blade		FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver		FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC 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	●	●	●							●	●	●						
	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	●	●	●	●	●	●	●	●		●	●	●				●	●	●
	SDMW120408-A57	M	4	0.8	●	●	●							●	●	●						

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

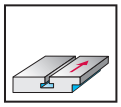
D2

T-slot milling cutters

M4575 inch



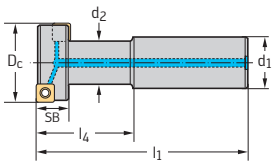
– 4 cutting edges per indexable insert





	P	M	K	N	S	H	O
M4575	●●	●●	●●	●●	●●		

Tool



DIN 1835 B

Designation	D_c inch	d_1 inch	d_2 inch	l_4 inch	l_1 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	0.006	1 1	SDM . 06T204
M4575.024-W19-02-09	0.949	0.750	0.476	1.406	3.437	0.368	2	0.006	2 2	
M4575.031-W26-02-12	1.23	1.000	0.656	1.614	3.895	0.463	2	0.011	2 2	SDM . 09T308
M4575.037-W26-02-15	1.447	1.000	0.780	2.126	4.407	0.6	2	0.015	2 2	
M4575.047-W31-02-21	1.821	1.250	1.031	2.500	4.781	0.817	2	0.028	2 2	SDM . 120408

Bodies and assembly parts are included in the scope of delivery

D 2

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

Assembly parts

	D_c [inch]	0.78–0.95	1.23–1.45	1.82
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 8 in lbs	FS2266 (T10IP) 18 in lbs	FS1453 (T15IP) 31 in lbs

Accessories

	D_c [inch]	0.78–0.95	1.23–1.45	1.82
	Torque screwdriver, analog	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 mm	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45G	M HC WSM35S	M HC WSM45X	M HC WSP45G	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N DP WDN20	N HC WXN15	N HW WK10	S HC WSM35S	S HC WSM45X	S HC 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	●	○	○							●	○	○						
	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	●	●	●	○	●	○	○	●		●	○	○				●	○	○
	SDMW120408-A57	M	4	0.8	●	○	○							●	○	○						

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

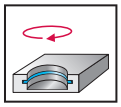
D2

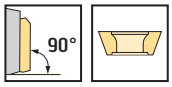
Circular slot milling cutters

F2036 mm



– 2 cutting edges per indexable insert

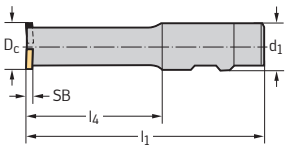




	P	M	K	N	S	H	O
F2036	●●		●●				

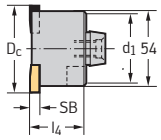
Tool

Designation	D_c mm	d_1	l_4 mm	l_1 mm	$a_{e\,max}$ mm	Z	SB_{H13} mm	SB_{H13} mm	No. of inserts	Type
F2036.5.16.090.016	16	16	42	90	1.75	1	1.1	1.6	1	
F2036.5.25.130.025	25	25	74	130	2	2	1.3	2.15	2	
F2036.5.32.140.040	40	32ZYL-18	80	140	2.75	4	2.15	3.15	4	



DIN 1835 B

F2036M.0.50.040.063	63	NCT 50	40		4	6	3.15	5.15	6	



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

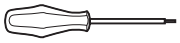
D2

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

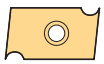
Assembly parts

	D_c [mm]	16–25	40	63
	Clamping screw for indexable insert Tightening torque	FS322 (T7) 0.8 Nm	FS246 (T8) 1.5 Nm	FS326 (T15) 3 Nm

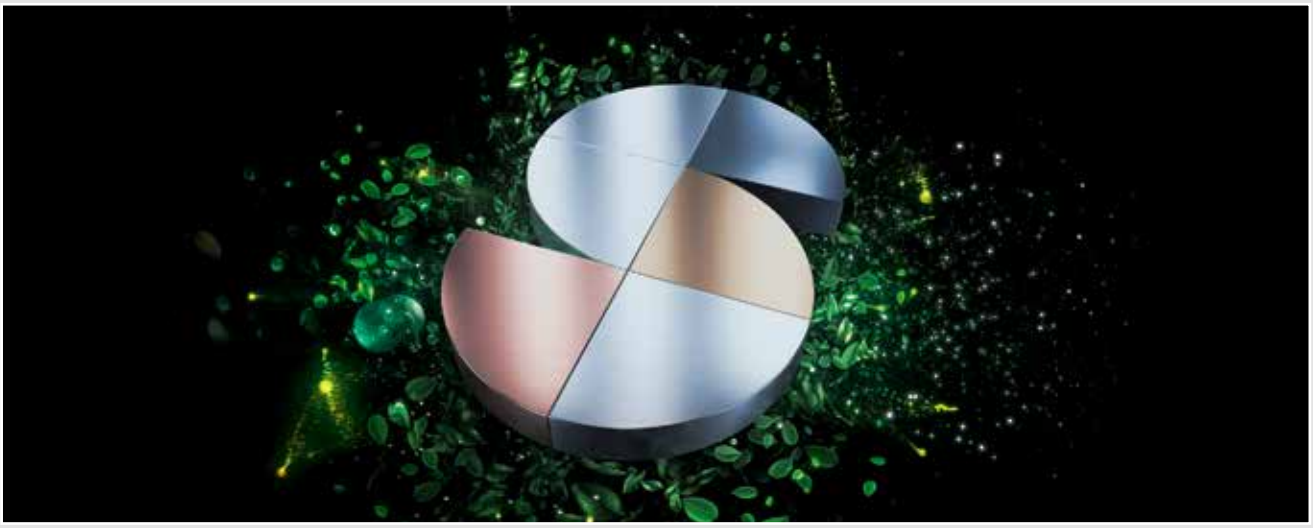
Accessories

	D_c [mm]	16–25	40	63
	Torque screwdriver, analog	FS2001		
	Screwdriver for indexable insert		FS230 (T8)	FS229 (T15)
	Torque screwdriver, analog		FS2003	FS2003
	Interchangeable blade	FS2006 (T7)		
	Torque screwdriver, digital		FS2248	FS2248
	Screwdriver for indexable insert	FS309 (T7)		
	Interchangeable blade		FS2009 (T15)	FS2009 (T15)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	l mm	b mm	P HC WKP35S	K HC WKP35S
	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	●	●
	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	●	●

HC = Coated carbide



Sustainable products and services – certified and transparent

Walter is a company that takes responsibility for people and the environment. Sustainability is a central component of our corporate strategy. It pervades our products and business divisions and is reviewed and certified by independent third parties on a regular basis.

Proven to be produced to high standards

All processes, procedures, methods and instruments that we use are checked and certified by an independent body according to strict criteria. Occupational health and safety, quality assurance and environmentally friendly actions (for example through resource-saving, energy-efficient and CO_2-offset production) are examples of this. Our social commitment shows that Walter has a broader definition of responsibility.

Transparency throughout the entire process chain – for your peace of mind

The integrated management system at Walter includes the sustainable use of resources and production equipment as well as of people – our customers, partners and employees. So that you can count on all of our products meeting these requirements throughout the entire process chain, we apply our own benchmarks to our suppliers too.

Certification

The integrated management system at Walter includes certification in accordance with:

- ISO 9001 (Quality management)
- VDA 6.4 (Production equipment for the automotive industry)
- ISO 14001 (Environmental management)
- ISO 45001 (Occupational health and safety management)
- ISO 50001 (Energy management)

You can find more information on Walter certification here:



Occupational health and safety
Walter protects its employees against health hazards. To prevent accidents, we continuously review our processes and take proactive measures as a precaution.



Environmental and energy management
Environmental protection is an important company objective for Walter. We use energy efficiently and deploy practical methods to sustainably reduce the consumption of energy, water and resources.



Quality management
Walter is continuously improving its products and processes. We ensure our product quality using effective measures and procedures – and check it on a regular basis with our comprehensive quality management system.

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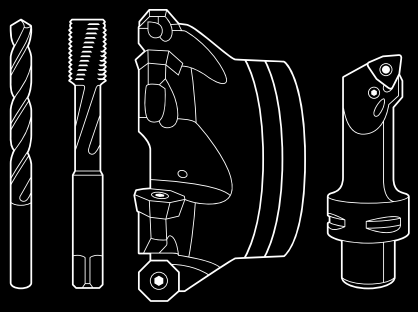

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