

_ XTRA-TEC[®] XT – WALTER BLAXX – M4000

The Partner of Choice in Indexable Milling



M4000

Xtra-tec[®] XT

Walter BLAXX



D – Milling

D2: Milling tools with indexable inserts

Page

Indexable insert milling cutters

Product range overview

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Xtra-tec® XT

Order pages

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M4000

Order pages

Face milling cutters	98
High-feed milling cutter	104
Shoulder milling cutters	110
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Walter BLAXX

Order pages

Face milling cutters	136
Shoulder milling cutters	144
Slot milling cutters	160

The structure of the Walter Catalogue

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

Milling tools with indexable inserts

Face milling cutters

Machining

Lead angle κ	45°	45°	45°	45°
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

Number of cutting edges	8 / 2	4 / 1	14 / 2	4 - 6
Max. depth of cut [mm]	5 - 6	4,5 - 6,5	4 - 6	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

Face milling cutters 329

D2

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

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

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

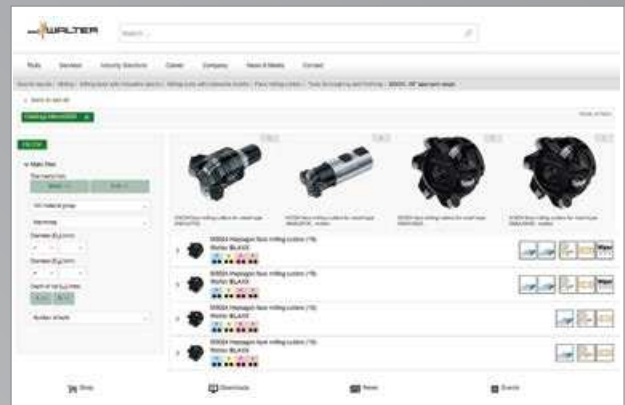
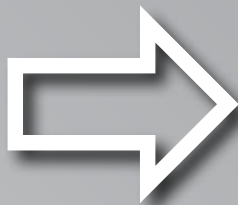
Indexable inserts and tools with these red icons are new to the range and are labelled in this way on the ordering page.

Scan the QR code

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



M3024



Direct link

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

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

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



Detailed overview of product data

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

Heptagon face milling cutters
M3024
Walter BLAXX

> 14 cutting edges per indexable insert

M3024

Key (explanation of symbols)

Image viewer

Switch to inch values

Column selection

Designation	D _h mm	D _s mm	D _h mm	L _h mm	L _s mm	...
Parallel bore DIN 138 transverse keyway - x145° - metric (4)	83 - 125	75.98 - 137.86	22 - 40/40 E	40 - 63	8	
M3024-050-852-05-06 Availability	83	75.98	22	40	6	
M3024-090-852-05-06 Availability	90	92.98	27	60	6	
M3024-100-852-05-06 Availability	100	112.98	32	60	6	
M3024-125-852-05-06 Availability	125	137.86	40/40 E	63	8	
Parallel bore DIN 138 transverse keyway - x145° - metric (7)	160	172.98	40/40 E	63	8	

Face milling cutters

Machining				
Lead angle κ	43°	43°	45°	45°



Designation	M5004 Xtra-tec® XT		F2010		M5009 Xtra-tec® XT		M4003	
Diameter range	32–170	—	90–325	—	50,43–174	—	29,63–173,41	—

Boring bar/adaptor type

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

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

Indexable inserts



OD...ODHX...



OD..0605...



SN.X...XNGX...ANN...



SD...SDHX...

Number of cutting edges	8 / 1	8	8 / 2	4 / 1
Max. depth of cut	3 - 4	4	5 - 6	4,5 - 6,5
Page in catalogue	20	38	24	98



M5004



F2010



M5009



M4003

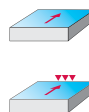
QR code

www.walter-tools.com/woc/
WALTER SELECT

●● Primary application ● Other application

Face milling cutters

Machining

Lead angle κ

45°

45°

45°

45°



Designation	M3024 Walter BLAXX		F2010		F2010		F2010	
Diameter range	49,8– 172,86	—	90–325	—	94–329	—	94–329	—

Boring bar/adaptor type

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

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

Indexable inserts



XN.U0705...XNGX0705...



XN.U0705...



SD..1204AZN...



SN.X1205...

Number of cutting edges	14 / 2	14	4	8
Max. depth of cut	4 - 6	4	6	6,5
Page in catalogue	136	142	102	40

QR code



M3024



F2010



F2010



F2010

www.walter-tools.com/woc/

WALTER SELECT

●● Primary application ● Other application

Face milling cutters

Machining


Lead angle κ

60°

75°

88°



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

Boring bar/adaptor type

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

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

Indexable inserts



LNM2010...

SN.X1205...XNGX1205ENN...

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

Number of cutting edges	4	8 / 2	8 / 2
Max. depth of cut	16	8	8 - 10
Page in catalogue	140	30	34

QR code


www.walter-tools.com/woc/

M3016

M5011

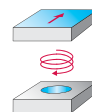
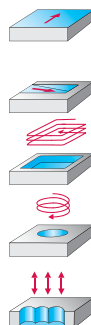
M5012

WALTER SELECT

● ● Primary application ● Other application

High-feed milling cutters

Machining

Lead angle κ

15°

15°

15°



Designation	M5008 Xtra-tec® XT		M4002		F2010	
Diameter range	16–66	—	20–125	—	93–328	—

Boring bar/adaptor type

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

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

Indexable inserts



EN.X08T3...



SD...SD.X...



SD..1204...SD.X1205...

Number of cutting edges	4	4 / 4	4 / 4
Max. depth of cut	1	1 - 2	2
Page in catalogue	44	106	102

QR code



M5008



M4002



F2010

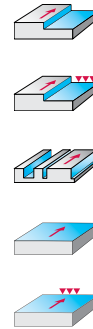
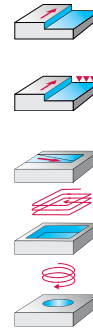
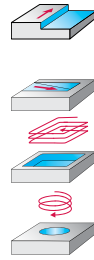
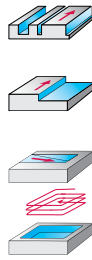
www.walter-tools.com/woc/

WALTER SELECT

● ● Primary application ● Other application

Shoulder milling cutters

Machining


Lead angle κ

90°

90°

90°

90°



Designation	M5250 Xtra-tec® XT		M5137 Xtra-tec® XT		M5130 Xtra-tec® XT		F5241 Walter BLAXX	
Diameter range	50–80	—	25–160	—	10–160	—	50–160	—

Boring bar/adaptor type

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

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

Indexable inserts



BC..1605..SC..1105..



TNMU...



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



LN.U1607...

Number of cutting edges	2 / 4	6	2 / 2	4
Max. depth of cut	43 - 80	5 - 8	5 - 15	15
Page in catalogue	72	62	48	150

QR code



M5250



M5137



M5130



F5241

www.walter-tools.com/woc/
WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters

Machining				
				
				
				
				
Lead angle κ	90°		90°	



Designation	F5141 Walter BLAXX		F5041 Walter BLAXX		F5138 Walter BLAXX		F5038 Walter BLAXX	
Diameter range	40–160	—	25–63	—	40–80	—	25–40	—

Boring bar/adaptor type

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

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

Indexable inserts



LN.U1306...LN.HX1306...

LN.U0904...LN.HX0904...

LN.U1306...

LN.U0904...

Number of cutting edges	4 / 4	4 / 4	4	4
Max. depth of cut	12	8	34 - 56	32 - 40
Page in catalogue	148	144	158	156

QR code


www.walter-tools.com/woc/

F5141

F5041

F5138

F5038

WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters

Machining					
Lead angle κ	90°	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								
Cylindrical bore DIN 138	✓		✓		✓		✓	
ScrewFit								
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								

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

Indexable inserts



TNMU1605..



BC..1605...



BC..1204...



LN.U1306...

Number of cutting edges	6	2	2	4
Max. depth of cut	8	15	11,7	12
Page in catalogue	70	68	66	154

QR code



F2010



F2010



F2010



F2010

www.walter-tools.com/woc/
WALTER SELECT

●● Primary application ● Other application

Shoulder milling cutters

Machining				
				
				
				
Lead angle κ	90°	89,75°	89,5°	89,5°



Designation	F2010		M4132		F2010		F2010	
Diameter range	80–315	—	16–125	—	80–315	—	80–315	—

Boring bar/adaptor type

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

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

Indexable inserts



LN.U0904...



SD...



SD..1204...



SD..09T3...

Number of cutting edges	4	4	4	4
Max. depth of cut	8	5,6 - 11,6	11,6	8,4
Page in catalogue	152	112	102	116

QR code



F2010



M4132



F2010



F2010

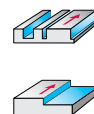
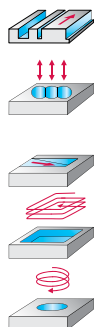
www.walter-tools.com/woc/

WALTER SELECT

● ● Primary application ● Other application

Slot milling cutters

Machining


Lead angle κ

90°

90°

90°

90°



Designation	M4792		M4258		M4257		M4256	
Diameter range	17,9–39,9	—	50–100	—	40–63	—	20–32	—
Boring bar/adaptor type								
DIN 1835 B	✓				✓		✓	
Cylindrical bore DIN 138			✓		✓			
ScrewFit					✓		✓	
Cylindrical shank								
Cylindrical modular								
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals								
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials								
O Other								

Indexable inserts


LD...
SD...

LD..1704...
SD..1204...

LD..14T3...
SD...09T3...

LD..08T2...
SD..06T2...

Number of cutting edges	2 / 4	2 / 4	2 / 4	2 / 4
Max. depth of cut	8,3 - 26,9	25 - 118	47 - 54	27 - 37
Cutting width SB [mm]				
Page in catalogue	118	120	120	120

QR code


www.walter-tools.com/woc/

M4792

M4258

M4257

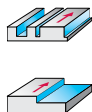
M4256

WALTER SELECT

●● Primary application ● Other application

Slot milling cutters

Machining

Lead angle κ

90°

90°



Designation	M3255 Walter BLAXX		F5055 Walter BLAXX	
Diameter range	50–80	—	63–500	—
Boring bar/adaptor type				
DIN 1835 B				
Cylindrical bore DIN 138	✓		✓	
ScrewFit				
Cylindrical shank				
Cylindrical modular				
Steep taper				
HSK				
NCT				
P Steel			●●	
M Stainless steel	●●		●●	
K Cast iron			●●	
N NF metals			●●	
S Materials with difficult cutting properties	●●		●●	
H Hard materials				
O Other				

Indexable inserts

XNHX1306...
LNHX1206...

SX...

Number of cutting edges	2 / 4	1
Max. depth of cut	46 - 58	—
Cutting width SB [mm]		1,5–5
Page in catalogue	160	162

QR code



www.walter-tools.com/woc/

M3255

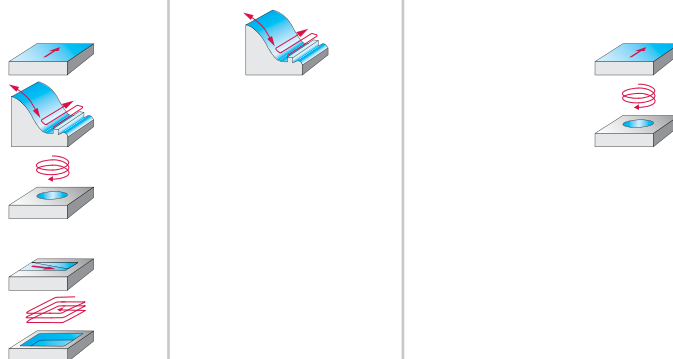
F5055

WALTER SELECT

●● Primary application ● Other application

Copy milling cutters

Machining


Lead angle κ


Designation	M5468 Xtra-tec® XT		M5460 Xtra-tec® XT		F2010		F2010	
Diameter range	10–160	—	8–32	—	83–318	—	83–318	—
Boring bar/adaptor type								
DIN 1835 B	✓		✓					
Cylindrical bore DIN 138	✓				✓		✓	
ScrewFit	✓		✓					
Cylindrical shank			✓					
Cylindrical modular	✓		✓					
Steep taper								
HSK								
NCT								
P Steel	●●		●●		●●		●●	
M Stainless steel	●●		●●		●●		●●	
K Cast iron	●●		●●		●●		●●	
N NF metals	●●		●●		●●		●●	
S Materials with difficult cutting properties	●●		●●		●●		●●	
H Hard materials	●●		●●		●●		●●	
O Other	●		●		●		●	

Indexable inserts



RD.X... / RO.X...

P32...

RO.X1204M08...

RO.X1605M08...

Number of cutting edges	4 / 8	1	8	8
Max. depth of cut	2,5 - 10	4 - 16	6	8
Page in catalogue	74	96	92	90

QR code


www.walter-tools.com/woc/

M5468

M5460

F2010

F2010

WALTER SELECT

●● Primary application ● Other application

Profiling cutters

Machining



Lead angle κ	30°	45°	60°	90°
---------------------	-----	-----	-----	-----



Designation	M4574		M4574		M4574		M4575	
Diameter range	8–20	—	8–40	—	8–20	—	20,5–49,5	—

Boring bar/adaptor type

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

Indexable inserts



SD...

SD...

SD...

SD...

Number of cutting edges	4	4	4	4
Max. depth of cut	2,7 - 4	3,5 - 7,5	4,8 - 6,8	—
Page in catalogue	130	128	132	134

QR code


www.walter-tools.com/woc/

M4574

M4574

M4574

M4575

WALTER SELECT

●● Primary application ● Other application

Octagonal face milling cutters

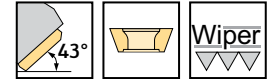
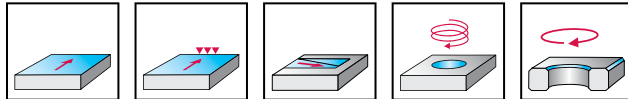
M5004 mm

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 PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5004-032-T28-02-03	24	32	28	40		3	8	2	0,16	2	OD .. 0504 .. ODHX0504ZZR
	M5004-040-T36-03-03	32	40	36	40		3	8	3	0,3	3	
 Cylindrical modular	M5004-032-TC16-02-03	24	32	28	40		3	8	2	0,15	2	OD .. 0504 .. ODHX0504ZZR
 Cylindrical shank	M5004-032-A20-02-03	24	32	20	35	110	3	8	2	0,25	2	OD .. 0504 .. ODHX0504ZZR
	M5004-032-A25-02-03	24	32	25	35	150	3	8	2	0,51	2	
	M5004-040-A20-03-03	32	40	20	35	110	3	8	3	0,28	3	
	M5004-040-A25-03-03	32	40	25	35	150	3	8	3	0,59	3	
 Shell mill mount DIN 138 transverse keyway	M5004-050-B16-04-03	42	50	16	40		3	8	4	0,38	4	OD .. 0504 .. ODHX0504ZZR
	M5004-050-B16-05-03	42	50	16	40		3	8	5	0,37	5	
	M5004-052-B22-04-03	44	52	22	45		3	8	4	0,42	4	
	M5004-052-B22-05-03	44	52	22	40		3	8	5	0,35	5	
	M5004-058-B16-04-03	50	58	16	40		3	8	4	0,51	4	
	M5004-058-B16-05-03	50	58	16	40		3	8	5	0,53	5	
	M5004-063-B22-05-03	55	63	22	40		3	8	5	0,4	5	
	M5004-063-B22-06-03	55	63	22	40		3	8	6	0,4	6	
	M5004-063-B22-07-03	55	63	22	40		3	8	7	0,61	7	
	M5004-066-B27-06-03	58	66	27	50		3	8	6	0,69	6	
	M5004-066-B27-07-03	58	66	27	50		3	8	7	0,6	7	
	M5004-071-B22-06-03	63	71	22	40		3	8	6	0,72	6	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

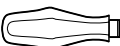
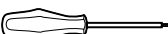
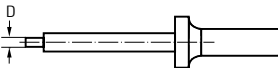
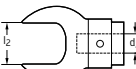
→ Good =

→ Moderate =

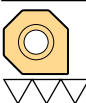
Assembly parts

D _c [mm]	24–117
	Clamping screw for indexable insert Tightening torque FS2119 (T15IP) 3 Nm

Accessories

D _c [mm]	24	32	42–117
	Torque screwdriver, analogue FS2003	FS2003	FS2003
	Torque screwdriver, digital FS2248	FS2248	FS2248
	Interchangeable blade FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
	Torque wrench FS1386	FS1386	
	Torque wrench head FS1391	FS1392	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M			K						N		S			H	
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	CN	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	HC	HW	WSM35G		WSM45X
	ODHT050408-F57	H	8	0,8																					
	ODHW050412-A57	H	8	1,2																					
	ODMT050408-D57	M	8	0,8																					
	ODMW050408-A57	M	8	0,8																					
	ODMW050408T-A27	M	8	0,8																					
	ODHT0504ZZN-F57	H	8	0,8	1,2																				
	ODHT0504ZZN-G77	H	8	0,8	1,6																				
	ODHT0504ZZN-G88	H	8	0,8	1,2																				
	ODHW0504ZZN-A57	H	8	0,8	1,2																				
	ODMT0504ZZN-D57	M	8	0,8	1,2																				
	ODMT0504ZZN-F57	M	8	0,8	1,2																				
	ODHX0504ZZR-A57	H	1	0,8	7,2																				

ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN...

ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN .

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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

Octagonal face milling cutters

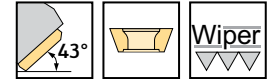
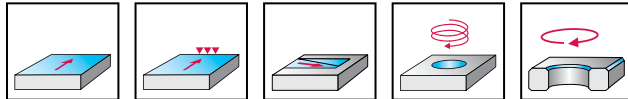
M5004 mm

OD .. 0504 ..; ODHX0504ZZR

Xtra-tec® XT



– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5004	●	●	●	●	●	●	●

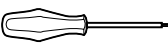
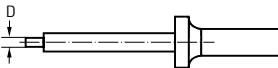
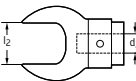
Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	L _{c2} mm	Z PCE	kg	No. of inserts PCE	Type
Shell mill mount DIN 138 transverse keyway	M5004-071-B22-07-03	63	71	22	40		3	8	7	0,7	7	OD .. 0504 .. ODHX0504ZZR
	M5004-080-B27-06-03	72	80	27	50		3	8	6	0,88	6	
	M5004-080-B27-07-03	72	80	27	50		3	8	7	1,16	7	
	M5004-080-B27-08-03	72	80	27	50		3	8	8	0,91	8	
	M5004-088-B27-07-03	80	88	27	50		3	8	7	1,05	7	
	M5004-088-B27-08-03	80	88	27	50		3	8	8	1,07	8	
	M5004-100-B32-08-03	92	100	32	50		3	8	8	1,59	8	
	M5004-100-B32-10-03	92	100	32	50		3	8	10	1,57	10	
	M5004-108-B32-08-03	100	108	32	50		3	8	8	1,77	8	
	M5004-108-B32-10-03	100	108	32	50		3	8	10	2,76	10	
	M5004-125-B40-10-03	117	125	40	63		3	8	10	3,07	10	
	M5004-125-B40-12-03	117	125	40	63		3	8	12	4	12	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

D _c [mm]	24–117
 Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 3 Nm

Accessories

D _c [mm]	24	32	42–117
 Torque screwdriver, analogue	FS2003	FS2003	FS2003
 Torque screwdriver, digital	FS2248	FS2248	FS2248
 Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
 Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
 Torque wrench	FS1386	FS1386	
 Torque wrench head	FS1391	FS1392	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M		CN	K					N		S		H	
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G		WSM45X	WSP45G	HC	HW	HC	HC	HC	HC			
	ODHT050408-F57	H	8	0,8			☺	☺	☺								☺	☺					
	ODHW050412-A57	H	8	1,2								☺											
	ODMT050408-D57	M	8	0,8			☺	☺	☺											☺			
	ODMW050408-A57	M	8	0,8			☺		☺					☺			☺	☺					
	ODMW050408T-A27	M	8	0,8			☺	☺	☺								☺	☺					
	ODHT0504ZZN-F57	H	8	0,8	1,2		☺	☺	☺	☺							☺	☺			☺		
	ODHT0504ZZN-G77	H	8	0,8	1,6					☺												☺	
	ODHT0504ZZN-G88	H	8	0,8	1,2													☺	☺				
	ODHW0504ZZN-A57	H	8	0,8	1,2			☺	☺	☺				☺			☺	☺	☺				
	ODMT0504ZZN-D57	M	8	0,8	1,2			☺	☺	☺	☺					☺	☺	☺	☺			☺	
	ODMT0504ZZN-F57	M	8	0,8	1,2			☺	☺	☺	☺					☺	☺	☺	☺			☺	
 	ODHX0504ZZR-A57	H	1	0,8	7,2	☺			☺				☺	☺					☺				☺

ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN...

ODHX0504ZZR-A57 wiper insert only in combination with ODH.0504ZZN . .

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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

Octagonal face milling cutters

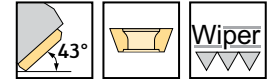
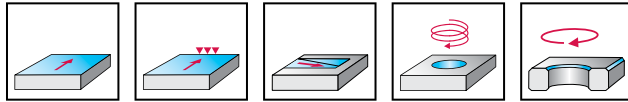
M5004 mm

OD .. 0605 ..; ODHX0605ZZR

Xtra-tec® XT



– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5004	●	●	●	●	●	●	●

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	L _{c2} mm	Z PCE	kg	No. of inserts PCE	Type
 Shell mill mount DIN 138 transverse keyway	M5004-050-B16-03-04	40	50	16	40	4	10	3	0,19	3	OD .. 0605 .. ODHX0605ZZR
	M5004-052-B22-03-04	42	52	22	45	4	10	3	0,29	3	
	M5004-060-B16-03-04	50	60	16	40	4	10	3	0,29	3	
	M5004-063-B22-04-04	53	63	22	40	4	10	4	0,38	4	
	M5004-063-B22-05-04	53	63	22	40	4	10	5	0,34	5	
	M5004-063-B22-06-04	53	63	22	40	4	10	6	0,36	6	
	M5004-066-B27-05-04	56	66	27	50	4	10	5	0,63	5	
	M5004-066-B27-06-04	56	66	27	50	4	10	6	0,83	6	
	M5004-073-B22-05-04	63	73	22	40	4	10	5	0,48	5	
	M5004-073-B22-06-04	63	73	22	40	4	10	6	0,69	6	
	M5004-080-B27-05-04	70	80	27	50	4	10	5	0,85	5	
	M5004-080-B27-06-04	70	80	27	50	4	10	6	1,08	6	
	M5004-080-B27-07-04	70	80	27	50	4	10	7	0,82	7	
	M5004-090-B27-06-04	80	90	27	50	4	10	6	1,1	6	
	M5004-090-B27-07-04	80	90	27	50	4	10	7	0,99	7	
	M5004-100-B32-07-04	90	100	32	50	4	10	7	1,46	7	
	M5004-100-B32-09-04	90	100	32	50	4	10	9	1,4	9	
	M5004-110-B32-07-04	100	110	32	50	4	10	7	2,35	7	
	M5004-110-B32-09-04	100	110	32	50	4	10	9	1,69	9	
	M5004-125-B40-08-04	115	125	40	63	4	10	8	2,79	8	
	M5004-125-B40-10-04	115	125	40	63	4	10	10	2,8	10	
	M5004-135-B40-08-04	125	135	40	63	4	10	8	3,19	8	
	M5004-135-B40-10-04	125	135	40	63	4	10	10	3,99	10	
 Shell mill mount DIN 138 transverse keyway	M5004-160-B40-09-04	150	160	40	63	4	10	9	4,48	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 = ☺

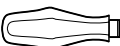
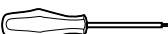
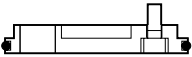
→ Good = ☺

→ 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, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)
	(inkl. Dichtring + Schrauben) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M			K					N		S			H
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	CN	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	HC	HW	WSM35G
	ODHT060512-F57	H	8	1,2																			
	ODHW060516-A57	H	8	1,6																			
	ODMT060512-D57	M	8	1,2																			
	ODMW060508-A57	M	8	0,8																			
	ODMW060508T-A27	M	8	0,8																			
	ODHT0605ZZN-F57	H	8	0,8	1,6																		
	ODHT0605ZZN-G77	H	8	0,8	1,6																		
	ODHT0605ZZN-G88	H	8	0,8	1,6																		
	ODHW0605ZZN-A57	H	8	0,8	1,6																		
	ODMT0605ZZN-D57	M	8	0,8	1,6																		
	ODMT0605ZZN-F57	M	8	0,8	1,6																		
	ODHX0605ZZR-A57	H	1	0,8	9,4																		
 																							

ODHX0605ZZR-A57 wiper insert only in combination with ODH.0605ZZN . .

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

Face milling cutters

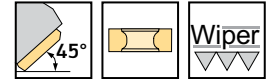
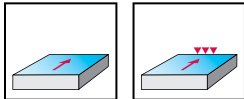
M5009 mm

SN . X0904 ..; XNGX0904ANN

Xtra-tec® XT



– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5009	●	●	●	●	●	●	●

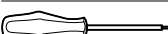
Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
	M5009-040-B16-04-05	40	16	40	5	4	0,44	4	SN . X0904 .. XNGX0904ANN
	M5009-040-B16-06-05	40	16	40	5	6	0,43	6	
	M5009-050-B22-06-05	50	22	40	5	6	0,44	6	
	M5009-050-B22-08-05	50	22	40	5	8	0,57	8	
	M5009-063-B22-07-05	63	22	40	5	7	0,56	7	
	M5009-063-B22-09-05	63	22	40	5	9	0,56	9	
	M5009-080-B27-08-05	80	27	50	5	8	1,36	8	
	M5009-080-B27-11-05	80	27	50	5	11	1,36	11	
	M5009-100-B32-09-05	100	32	50	5	9	1,97	9	
	M5009-100-B32-13-05	100	32	50	5	13	2,66	13	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	40–100
	Clamping screw for indexable insert Tightening torque	FS2579 (T8IP) 1,2 Nm

Accessories

	D _c [mm]	40–100
	Torque screwdriver, analogue	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P					M			K					N		S		H
						HC					HC			HC					HC	HW	HC	HC	
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSP45G	WHH15X
	SNGX0904ANN-F57	G	8	0,4	1,2	☺	☺	☺	☺	☺	☺	☺		☺	☺	☺	☺	☺			☺	☺	
	SNGX0904ANN-F67	G	8	0,4	1,2					☺	☺	☺									☺	☺	
	SNHX0904ANN-K88	H	8	0,4	1,5														☺	☺			
	SNMX0904ANN-F27	M	8	0,4	1,2		☺										☺	☺					
	SNMX0904ANN-F57	M	8	0,4	1,2		☺	☺	☺	☺	☺	☺		☺		☺	☺	☺			☺	☺	
	SNMX0904ANN-F67	M	8	0,4	1,2					☺	☺	☺									☺	☺	
	SNMX090408-F27	M	8	0,8			☺		☺							☺	☺	☺			☺	☺	
	SNMX090408-F57	M	8	0,8			☺	☺	☺	☺	☺	☺		☺	☺	☺	☺	☺			☺	☺	
	SNMX090408-F67	M	8	0,8						☺	☺	☺									☺	☺	
 	XNGX0904ANN-F67	G	2	0,4	5	☺							☺										☺

XNGX0904ANN-F67 wiper insert only in combination with SNGX0904ANN...

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

Face milling cutters

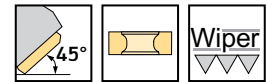
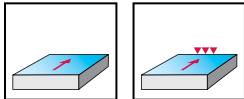
M5009 mm

SN . X1205 ..; XNGX1205ANN

Xtra-tec® XT



– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5009	●	●	●	●	●	●	●

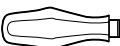
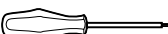
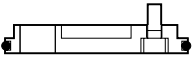
Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
	M5009-050-B22-06-06	50	22	40	6	6	0,49	6	SN . X1205 .. XNGX1205ANN
	M5009-063-B22-08-06	63	22	40	6	8	0,75	8	
	M5009-063-B27-08-06	63	27	50	6	8	0,8	8	
	M5009-080-B27-10-06	80	27	50	6	10	1,13	10	
	M5009-100-B32-12-06	100	32	50	6	12	1,79	12	
Shell mill mount DIN 138 transverse keyway									
	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

Assembly parts

	D _c [mm]	50–160
	Clamping screw for indexable insert Tightening torque	FS1459 (T15IP) 4 Nm

Accessories

	D _c [mm]	50–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P						M				K							N		S			H	
						HC						HC				HC							HC	HW	HC				H
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXM15	WK10	WSM35G	WSM35S		WSP45G
	SNGX120512-F57	G	8	1.2		☺	☺	☺	☺	☺		☺		☺					☺	☺	☺	☺				☺	☺		
	SNMX120512-D27	M	8	1.2		☺	☺	☺	☺									☺	☺	☺	☺	☺							
	SNMX120520-D27	M	8	2		☺	☺	☺	☺									☺	☺	☺	☺	☺							
	SNMX120512-F27	M	8	1.2		☺	☺	☺	☺									☺	☺	☺	☺	☺							
	SNMX120512-F57	M	8	1.2		☺	☺	☺	☺			☺	☺	☺				☺	☺	☺	☺	☺				☺	☺	☺	
	SNMX120520-F57	M	8	2		☺	☺	☺	☺			☺	☺	☺				☺	☺	☺	☺	☺				☺	☺	☺	
	SNMX120512-F67	M	8	1.2		☺	☺	☺	☺			☺	☺	☺		☺			☺	☺	☺	☺				☺	☺	☺	
	SNGX1205ANN-F27	G	8	0.8	1.5		☺	☺	☺			☺							☺	☺	☺	☺				☺	☺		
	SNGX1205ANN-F57	G	8	0.8	1.5		☺	☺	☺			☺						☺		☺	☺	☺				☺	☺	☺	
	SNGX1205ANN-F67	G	8	0.8	1.5		☺	☺	☺			☺			☺				☺	☺	☺	☺				☺	☺	☺	
	SNHX1205ANN-K88	H	8	0.8	1.5																		☺	☺					
	SNMX1205ANN-F27	M	8	0.8	1.5		☺	☺	☺										☺	☺	☺	☺							
	SNMX1205ANN-F57	M	8	0.8	1.5		☺	☺	☺									☺		☺	☺	☺							
	SNMX1205ANN-F67	M	8	0.8	1.5		☺	☺	☺									☺		☺	☺	☺							
 	XNGX1205ANN-F67	G	2	1.2	4,7	☺					☺				☺	☺	☺						☺						☺

XNGX1205ANN-F67 wiper insert only in combination with SNGX1205ANN . .

HC = Coated carbide
HW = Uncoated carbide

Face milling cutters

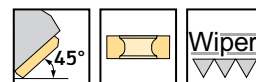
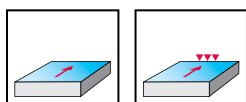
M5009 mm

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 PCE	kg	No. of inserts PCE	Type
ScrewFit	M5009-040-T36-04-06-AP	40	36	40	6	4	0,37	4	SN . X1205 .. XNGX1205ANN
	M5009-050-B22-04-06-AP	50	22	40	6	4	0,61	4	SN . X1205 .. XNGX1205ANN
Shell mill mount DIN 138 transverse keyway	M5009-063-B22-06-06-AP	63	22	40	6	6	0,56	6	SN . X1205 .. XNGX1205ANN
	M5009-063-B27-06-06-AP	63	27	50	6	6	0,83	6	SN . X1205 .. XNGX1205ANN
	M5009-080-B27-05-06-AP	80	27	50	6	5	1,22	5	SN . X1205 .. XNGX1205ANN
	M5009-080-B27-07-06-AP	80	27	50	6	7	1,39	7	SN . X1205 .. XNGX1205ANN
	M5009-100-B32-06-06-AP	100	32	50	6	6	1,96	6	SN . X1205 .. XNGX1205ANN
	M5009-100-B32-08-06-AP	100	32	50	6	8	2,69	8	SN . X1205 .. XNGX1205ANN
Shell mill mount DIN 138 transverse keyway	M5009-125-B40-07-06-AP	125	40	63	6	7	4,49	7	SN . X1205 .. XNGX1205ANN
	M5009-125-B40-10-06-AP	125	40	63	6	10	3,38	10	SN . X1205 .. XNGX1205ANN
	M5009-160-B40-08-06-AP	160	40	63	6	8	5,19	8	SN . X1205 .. XNGX1205ANN
	M5009-160-B40-12-06-AP	160	40	63	6	12	5,1	12	SN . X1205 .. XNGX1205ANN

M5009...-AP with carbide shim | Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

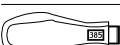
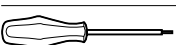
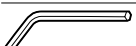
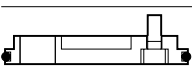
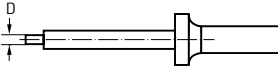
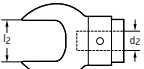
→ Good =

→ Moderate =

Assembly parts

	D _c [mm]	40–160
	Shim for indexable insert	AP800-SN1205 H81
	Clamping screw for shim	FS2069 (SW 4)
	Clamping screw for indexable insert Tightening torque	FS2617 (T15IP) 4 Nm

Accessories

	D _c [mm]	40	50–125	160
	Torque screwdriver, analogue	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
	Key for shim screw	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	(incl. gasket + screws) Sealing disc set			FS936 SET KOMPLETT
	Gasket			O-R 96X4
	Torque wrench	FS1386		
	Torque wrench head	FS1392		

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P					M				K							N		S			H	
						HC					HC				HC							HC	HW	HC	HC	HC		
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WKN15	WK10	WSM35G		WSM35S
	SNGX120512-F57	G	8	1.2		☺	☺	☺	☺	☺		☺		☺						☺	☺	☺			☺	☺		
	SNMX120512-D27	M	8	1.2		☺	☺	☺	☺									☺	☺	☺	☺	☺						
	SNMX120520-D27	M	8	2		☺	☺	☺										☺	☺	☺	☺	☺						
	SNMX120512-F27	M	8	1.2		☺	☺	☺										☺	☺	☺	☺	☺						
	SNMX120512-F57	M	8	1.2		☺	☺	☺	☺			☺	☺	☺				☺	☺	☺	☺	☺				☺	☺	☺
	SNMX120520-F57	M	8	2		☺	☺	☺	☺			☺	☺	☺				☺	☺	☺	☺	☺				☺	☺	☺
	SNMX120512-F67	M	8	1.2		☺	☺	☺	☺			☺	☺	☺			☺		☺	☺	☺	☺				☺	☺	☺
	SNGX1205ANN-F27	G	8	0.8	1.5		☺	☺	☺			☺		☺						☺	☺	☺				☺	☺	
	SNGX1205ANN-F57	G	8	0.8	1.5		☺	☺	☺	☺		☺		☺				☺		☺	☺	☺				☺	☺	
	SNGX1205ANN-F67	G	8	0.8	1.5		☺	☺	☺	☺		☺		☺				☺		☺	☺	☺				☺	☺	
	SNHX1205ANN-K88	H	8	0.8	1.5																		☺	☺				
	SNMX1205ANN-F27	M	8	0.8	1.5		☺	☺	☺											☺	☺	☺						
	SNMX1205ANN-F57	M	8	0.8	1.5		☺	☺	☺									☺		☺	☺	☺						
	SNMX1205ANN-F67	M	8	0.8	1.5		☺	☺	☺						☺			☺		☺	☺	☺						
	XNGX1205ANN-F67	G	2	1.2	4.7	☺					☺				☺	☺	☺						☺					☺

XNGX1205ANN-F67 wiper insert only in combination with SNGX1205ANN . .

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

Face milling cutters

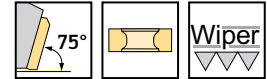
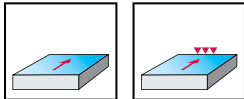
M5011 mm

SN . X1205 ..; XNGX1205ENN

Xtra-tec® XT



– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5011	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
	M5011-063-B22-07-08	63	22	40	8	7	0,66	7	SN . X1205 .. XNGX1205ENN
	M5011-063-B27-07-08	63	27	50	8	7	0,73	7	
	M5011-080-B27-09-08	80	27	50	8	9	1	9	
	M5011-100-B32-11-08	100	32	50	8	11	1,66	11	
	M5011-125-B40-14-08	125	40	63	8	14	4,06	14	
	M5011-160-B40-18-08	160	40	63	8	18	5,67	18	SN . X1205 .. XNGX1205ENN

Shell mill mount DIN 138 transverse keyway

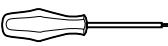
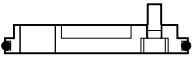
Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

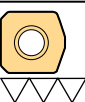
Assembly parts

Type D _c [mm]	SN . X1205 .. 63–160
 Clamping screw for indexable insert Tightening torque	FS1459 (T15IP) 4 Nm

Accessories

Type D _c [mm]	SN . X1205 .. 63–125	SN . X1205 .. 160
 Torque screwdriver, analogue	FS2003	FS2003
 Torque screwdriver, digital	FS2248	FS2248
 Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
 Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
 Sealing disc set	FS936 SET KOMPLETT	
 Gasket	O-R 96X4	

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P						M				K						S				H
					HC						HC				HC						HC				HC
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WSM35G	WSM35S	WSP45G
	SNGX120512-F57	G	8	1,2		☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺	☺	☺		
	SNMX120512-D27	M	8	1,2		☺	☺	☺	☺									☺	☺	☺	☺	☺	☺		
	SNMX120520-D27	M	8	2		☺	☺	☺	☺									☺	☺	☺	☺	☺	☺		
	SNMX120512-F27	M	8	1,2		☺	☺	☺										☺	☺	☺	☺	☺	☺	☺	
	SNGX120512-F57	M	8	1,2		☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺	☺	☺	☺	
	SNMX120520-F57	M	8	2		☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺	☺	☺	☺	
	SNMX120512-F67	M	8	1,2		☺	☺	☺	☺	☺	☺	☺	☺		☺			☺	☺	☺	☺	☺	☺	☺	
	SNGX1205ENN-F27	G	8	0,3	1,2		☺	☺	☺										☺	☺	☺	☺	☺	☺	
	SNGX1205ENN-F57	G	8	0,3	1,2		☺		☺	☺			☺					☺		☺	☺	☺	☺	☺	
	SNGX1205ENN-F67	G	8	0,3	1,2		☺			☺			☺					☺		☺		☺	☺	☺	
	SNMX1205ENN-F57	M	8	0,3	1,2		☺	☺										☺	☺						
		XNGX1205ENN-F67	G	2	0,6	4,5	☺					☺			☺	☺	☺						☺		

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

Face milling cutters

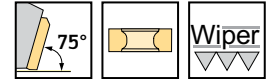
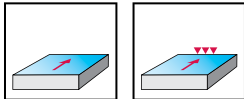
M5011

SN . X1205 ..; XNGX1205ENN

Xtra-tec® XT

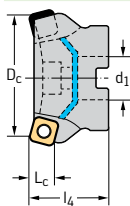


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5011	●	●	●	●	●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

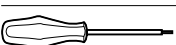
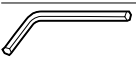
Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
M5011-050-B22-04-08-AP	50	22	40	8	4	0,32	4	SN . X1205 .. XNGX1205ENN
M5011-063-B22-05-08-AP	63	22	40	8	5	0,67	5	
M5011-063-B27-05-08-AP	63	27	50	8	5	0,96	5	
M5011-080-B27-07-08-AP	80	27	50	8	7	0,99	7	
M5011-100-B32-08-08-AP	100	32	50	8	8	1,67	8	
M5011-125-B40-10-08-AP	125	40	63	8	10	3,17	10	

M5011...-AP with carbide shim | Bodies and assembly parts are included in the scope of delivery

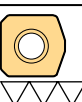
Assembly parts

	Type D _c [mm]	SN . X1205 .. 50–125
	Shim for indexable insert	AP800-SN1205 H81
	Clamping screw for shim	FS2069 (SW 4)
	Clamping screw for indexable insert Tightening torque	FS2617 (T15IP) 4 Nm

Accessories

	Type D _c [mm]	SN . X1205 .. 50–125
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)
	Key for shim screw	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P						M				K							S				H
						HC						HC				HC							HC				HC
						WH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WSM35G	WSM35S	WSP45G	WH15X
	SNGX120512-F57	G	8	1.2		☺	☺	☺	☺	☺	☺	☺	☺					☺	☺	☺	☺	☺	☺	☺			
	SNMX120512-D27	M	8	1.2		☺	☺	☺	☺																		
	SNMX120520-D27	M	8	2		☺	☺	☺	☺																		
	SNMX120512-F27	M	8	1.2		☺	☺	☺	☺																		
	SNMX120512-F57	M	8	1.2		☺	☺	☺	☺	☺	☺	☺	☺														
	SNMX120520-F57	M	8	2		☺	☺	☺	☺	☺	☺	☺	☺														
	SNMX120512-F67	M	8	1.2		☺	☺	☺	☺	☺	☺	☺	☺		☺												
	SNGX1205ENN-F27	G	8	0.3	1.2		☺	☺	☺	☺																	
	SNGX1205ENN-F57	G	8	0.3	1.2		☺	☺		☺	☺	☺															
	SNGX1205ENN-F67	G	8	0.3	1.2		☺			☺	☺	☺															
	SNMX1205ENN-F57	M	8	0.3	1.2		☺	☺																			
 	XNGX1205ENN-F67	G	2	0.6	4.5	☺					☺				☺	☺	☺								☺		

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

Face milling cutters

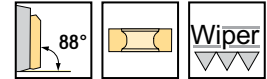
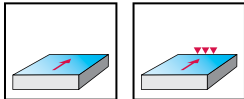
M5012 mm

SN . X0904 ..; XNGX0904ZNN

Xtra-tec® XT

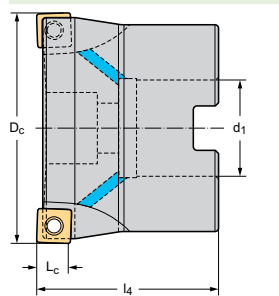


– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5012	●	●	●	●	●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

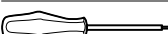
Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
M5012-040-B16-04-08	40	16	40	8	4	0,24	4	SN . X0904 .. XNGX0904ZNN
M5012-050-B22-05-08	50	22	40	8	5	0,39	5	
M5012-050-B22-06-08	50	22	40	8	6	0,39	6	
M5012-063-B22-06-08	63	22	40	8	6	0,51	6	
M5012-063-B22-08-08	63	22	40	8	8	0,5	8	
M5012-063-B27-06-08	63	27	50	8	6	0,97	6	
M5012-063-B27-08-08	63	27	50	8	8	0,6	8	
M5012-080-B27-07-08	80	27	50	8	7	1,29	7	
M5012-080-B27-10-08	80	27	50	8	10	1,27	10	
M5012-100-B32-08-08	100	32	50	8	8	2,63	8	
M5012-100-B32-12-08	100	32	50	8	12	1,8	12	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	40–100
	Clamping screw for indexable insert Tightening torque	FS2579 (T8IP) 1,2 Nm

Accessories

	D _c [mm]	40–100
	Torque screwdriver, analogue	FS2001
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P						M			K						N		S		H
						HC						HC			HC						HC	HW	HC	HC	
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35G
	SNGX0904ZNN-F57	G	8	0,6	1	☺	☺	☺	☺			☺	☺			☺		☺					☺		
	SNGX0904ZNN-F67	G	8	0,6	1	☺	☺	☺	☺			☺	☺		☺		☺					☺	☺		
	SNHX0904ZNN-K88	H	8	0,6	1														☺	☺					
	SNMX0904ZNN-F27	M	8	0,6	1			☺																	
	SNMX0904ZNN-F57	M	8	0,6	1		☺	☺	☺	☺		☺	☺		☺		☺	☺				☺	☺		
	SNMX0904ZNN-F67	M	8	0,6	1					☺		☺	☺		☺							☺	☺		
	SNMX090408-F27	M	8	0,8			☺		☺																
	SNMX090408-F57	M	8	0,8			☺	☺	☺	☺		☺	☺		☺	☺	☺	☺				☺	☺		
	SNMX090408-F67	M	8	0,8						☺	☺	☺										☺	☺		
 	XNGX0904ZNN-F67	G	2	0,8	3,5	☺					☺			☺	☺	☺					☺			☺	

HC = Coated carbide
HW = Uncoated carbide

Face milling cutters

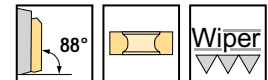
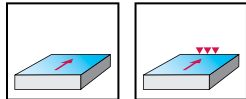
M5012 mm

SN . X1205 ..; XNGX1205ZNN

Xtra-tec® XT



– 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5012	●	●	●	●	●	●	●

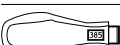
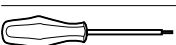
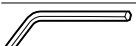
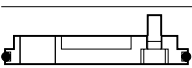
Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
	M5012-050-B22-04-10-AP	50	22	40	10	4	0,4	4	SN . X1205 .. XNGX1205ZNN
	M5012-063-B22-05-10-AP	63	22	40	10	5	0,49	5	
	M5012-063-B27-05-10-AP	63	27	50	10	5	0,87	5	
	M5012-080-B27-07-10-AP	80	27	50	10	7	1,02	7	
	M5012-100-B32-08-10-AP	100	32	50	10	8	1,77	8	
	M5012-125-B40-10-10-AP	125	40	63	10	10	3,27	10	
Shell mill mount DIN 138 transverse keyway									
	M5012-160-B40-12-10-AP	160	40	63	10	12	4,78	12	SN . X1205 .. XNGX1205ZNN
Shell mill mount DIN 138 transverse keyway									

M5012...-AP with carbide shim | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	50–160
	Shim for indexable insert	AP800-SN1205 H81
	Clamping screw for shim	FS2069 (SW 4)
	Clamping screw for indexable insert Tightening torque	FS2617 (T15IP) 4 Nm

Accessories

	D _c [mm]	50–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Key for shim screw	ISO2936-4 (SW 4)	ISO2936-4 (SW 4)
	Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P					M				K								N		S			H
						HC					HC				HC								HC	HW	HC			HC
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WKN15	WK10	WSM35G	WSM35S	WSP45G
	SNGX120512-F57	G	8	1.2		☺	☺	☺	☺	☺		☺		☺					☺	☺	☺				☺	☺		
	SNMX120512-D27	M	8	1.2		☺	☺	☺	☺										☺	☺	☺	☺	☺					
	SNMX120520-D27	M	8	2		☺	☺	☺	☺										☺	☺	☺	☺	☺					
	SNMX120512-F27	M	8	1.2		☺	☺	☺	☺											☺	☺	☺	☺	☺				
	SNMX120512-F57	M	8	1.2		☺	☺	☺	☺			☺	☺	☺					☺	☺	☺	☺	☺			☺	☺	
	SNMX120520-F57	M	8	2		☺	☺	☺	☺			☺	☺	☺					☺	☺	☺	☺	☺			☺	☺	
	SNMX120512-F67	M	8	1.2		☺	☺	☺	☺			☺	☺	☺		☺				☺	☺	☺	☺	☺				
	SNGX1205ZNN-F27	G	8	0.8	1.2		☺	☺	☺	☺		☺		☺						☺	☺	☺				☺	☺	
	SNGX1205ZNN-F57	G	8	0.8	1.2		☺	☺	☺	☺		☺		☺					☺		☺	☺	☺			☺	☺	
	SNGX1205ZNN-F67	G	8	0.8	1.2		☺	☺	☺	☺		☺		☺		☺				☺	☺	☺			☺	☺		
	SNHX1205ZNN-K88	H	8	0.8	1.2																							
	SNMX1205ZNN-F57	M	8	0.8	1.2		☺	☺	☺	☺									☺	☺	☺	☺	☺					
 	XNGX1205ZNN-F67	G	2	1	4	☺					☺				☺	☺	☺									☺		

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

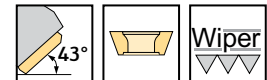
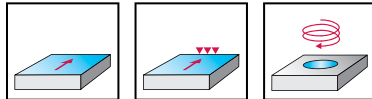
Face milling cutters

F2010

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 PCE	kg	No. of inserts PCE	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
	F2010.B.100.Z07.04.R592M	100	110	32	50	4	7	1,82	7	OD .. 0605 .. ODHX0605ZZR
 Shell mill mount DIN 138 transverse keyway	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	8,08	12	
	F2010.B.250.Z12.04.R592M	250	260	60	63	4	12	15,55	12	
	F2010.B.250.Z16.04.R592M	250	260	60	63	4	16	16,3	16	
 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

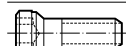
Stability of machine, workpiece and clamping arrangement

→ Very good =

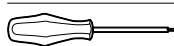
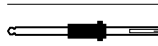
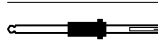
→ Good =

→ Moderate =

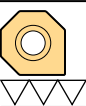
Assembly parts

	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	b mm	P				M			CN	K					N		S			H	
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X		WSP45G	WAK15	WHH15X	WKP25G	WKP25S	WKP35G	WKP35S	HC	HW	WSM35G		WSM45X
	ODHT060512-F57	H	8	1,2			☑	☑	☑			☑											☑		
	ODHW060516-A57	H	8	1,6									☑												
	ODMT060512-D57	M	8	1,2																			☑		
	ODMW060508-A57	M	8	0,8			☑	☑	☑	☑				☑			☑	☑	☑	☑			☑		☑
	ODMW060508T-A27	M	8	0,8			☑	☑	☑	☑					☑			☑	☑	☑	☑				
	ODHT0605ZZN-F57	H	8	0,8	1,6		☑	☑	☑	☑													☑		☑
	ODHT0605ZZN-G77	H	8	0,8	1,6					☑														☑	
	ODHT0605ZZN-G88	H	8	0,8	1,6														☑	☑					
	ODHW0605ZZN-A57	H	8	0,8	1,6		☑	☑	☑					☑				☑	☑	☑	☑				
	ODMT0605ZZN-D57	M	8	0,8	1,6		☑	☑	☑	☑	☑	☑					☑	☑	☑	☑			☑	☑	☑
	ODMT0605ZZN-F57	M	8	0,8	1,6		☑	☑	☑	☑	☑							☑	☑	☑	☑			☑	☑
	ODHX0605ZZR-A57	H	1	0,8	9,4	☑								☑	☑										☑

ODHX0605ZZR-A57 wiper insert only in combination with ODH.0605ZZN . .

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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement → Very good =  → Good =  → Moderate = 

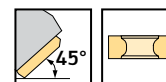
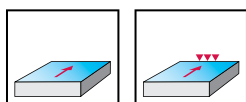
Face milling cutters

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 PCE	kg	No. of inserts PCE	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.06.R720M	80	94	27	50	6,5	6	1,36	6	SN . X1205 .. XNGX1205ANN
	F2010.B.100.Z07.06.R720M	100	114	32	50	6,5	7	1,97	7	SN . X1205 .. XNGX1205ANN
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.06.R720M	125	139	40	63	6,5	8	3,62	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.06.R720M	160	174	40	63	6,5	10	5,74	10	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

WALTER SELECT

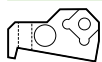
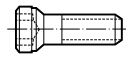
Stability of machine, workpiece and clamping arrangement

→ Very good =

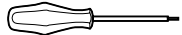
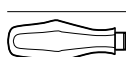
→ Good =

→ 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, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P					M				K					N		S			H		
						HC					HC				HC					HC	HW	HC					
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WXN15		WK10	WSM35G
	SNGX120512-F57	G	8	1.2		☺	☺	☺	☺	☺		☺		☺					☺	☺	☺			☺	☺	☺	
	SNMX120512-D27	M	8	1.2		☺	☺	☺	☺									☺	☺	☺	☺	☺				☺	
	SNMX120520-D27	M	8	2		☺	☺	☺	☺									☺	☺	☺	☺	☺					
	SNMX120512-F27	M	8	1.2		☺	☺	☺	☺										☺	☺	☺	☺	☺				
	SNMX120512-F57	M	8	1.2		☺	☺	☺	☺	☺		☺	☺	☺				☺	☺	☺	☺	☺			☺	☺	☺
	SNMX120520-F57	M	8	2		☺	☺	☺	☺	☺		☺	☺	☺				☺	☺	☺	☺	☺			☺	☺	☺
	SNMX120512-F67	M	8	1.2		☺	☺	☺	☺	☺		☺	☺	☺		☺			☺	☺	☺	☺			☺	☺	☺
	SNGX1205ANN-F27	G	8	0.8	1.5		☺	☺	☺	☺									☺	☺	☺				☺	☺	☺
	SNGX1205ANN-F57	G	8	0.8	1.5		☺	☺	☺	☺		☺		☺				☺		☺	☺	☺			☺	☺	☺
	SNGX1205ANN-F67	G	8	0.8	1.5		☺	☺	☺	☺		☺		☺				☺	☺	☺	☺				☺	☺	☺
	SNHX1205ANN-K88	H	8	0.8	1.5										☺								☺	☺			
	SNMX1205ANN-F27	M	8	0.8	1.5		☺	☺	☺	☺									☺	☺	☺	☺					
	SNMX1205ANN-F57	M	8	0.8	1.5		☺	☺	☺	☺								☺		☺	☺	☺					
	SNMX1205ANN-F67	M	8	0.8	1.5		☺	☺	☺	☺								☺	☺	☺	☺						
	XNGX1205ANN-F67	G	2	1.2	4.7	☺					☺				☺	☺	☺					☺					☺

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺ → Good = ☺ → Moderate = ☺

High-feed milling cutter

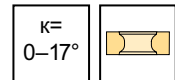
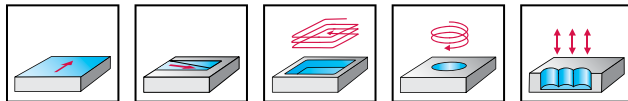
M5008 mm

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 PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5008-016-T14-02-01	10,1	16	14,5	25		1	2,9	2	0,03	2	ENMX08T316R
	M5008-020-T18-03-01	14,1	20	18,5	30		1	2,9	3	0,06	3	
	M5008-020-T18-04-01	14,1	20	18,5	30		1	2,9	4	0,06	4	
	M5008-025-T22-04-01	19,1	25	22	35		1	2,9	4	0,09	4	
	M5008-025-T22-05-01	19,1	25	22	35		1	2,9	5	0,1	5	
	M5008-030-T28-04-01	24,1	30	28	40		1	2,9	4	0,18	4	
	M5008-030-T28-05-01	24,1	30	28	40		1	2,9	5	0,17	5	
	M5008-032-T28-05-01	26,1	32	28	40		1	2,9	5	0,18	5	
	M5008-032-T28-06-01	26,1	32	28	40		1	2,9	6	0,19	6	
	M5008-035-T28-05-01	29,1	35	28	40		1	2,9	5	0,2	5	
	M5008-035-T28-06-01	29,1	35	28	40		1	2,9	6	0,2	6	
	M5008-040-T36-06-01	34,1	40	36	40		1	2,9	6	0,33	6	
	M5008-040-T36-08-01	34,1	40	36	40		1	2,9	8	0,35	8	
	M5008-042-T36-06-01	36,1	42	36	40		1	2,9	6	0,34	6	
	M5008-042-T36-08-01	36,1	42	36	40		1	2,9	8	0,33	8	
 Cylindrical modular	M5008-016-TC08-02-01	10,1	16	14,5	25		1	2,9	2	0,03	2	ENMX08T316R
	M5008-020-TC10-03-01	14,1	20	18,5	30		1	2,9	3	0,06	3	
	M5008-020-TC10-04-01	14,1	20	18,5	30		1	2,9	4	0,04	4	
	M5008-025-TC12-04-01	19,1	25	22	35		1	2,9	4	0,1	4	
	M5008-025-TC12-05-01	19,1	25	22	35		1	2,9	5	0,08	5	
	M5008-030-TC16-04-01	24,1	30	28	40		1	2,9	4	0,16	4	
	M5008-030-TC16-05-01	24,1	30	28	40		1	2,9	5	0,16	5	
	M5008-032-TC16-05-01	26,1	32	28	40		1	2,9	5	0,18	5	
	M5008-032-TC16-06-01	26,1	32	28	40		1	2,9	6	0,17	6	
	M5008-035-TC16-05-01	29,1	35	28	40		1	2,9	5	0,19	5	
	M5008-035-TC16-06-01	29,1	35	28	40		1	2,9	6	0,21	6	
	M5008-040-TC16-06-01	34,1	40	28	40		1	2,9	6	0,22	6	
	M5008-040-TC16-08-01	34,1	40	28	40		1	2,9	8	0,23	8	
	M5008-042-TC16-06-01	36,1	42	28	40		1	2,9	6	0,27	6	
	M5008-042-TC16-08-01	36,1	42	28	40		1	2,9	8	0,25	8	
 Cylindrical shank	M5008-016-A16-02-01	10	16	16	30	100	1	2,9	2	0,14	2	ENMX08T316R
	M5008-020-A20-03-01	14,1	20	20	50	130	1	2,9	3	0,27	3	
	M5008-020-A20-04-01	14,1	20	20	50	130	1	2,9	4	0,28	4	
	M5008-025-A25-04-01	19,1	25	25	60	140	1	2,9	4	0,32	4	
	M5008-025-A25-05-01	19,1	25	25	60	140	1	2,9	5	0,49	5	
	M5008-032-A32-05-01	26,1	32	32	70	150	1	2,9	5	0,84	5	
	M5008-032-A32-06-01	26,1	32	32	70	150	1	2,9	6	0,85	6	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

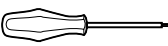
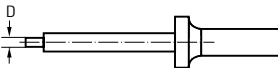
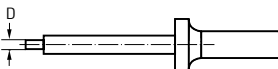
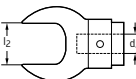
→ Good =

→ Moderate =

Assembly parts

	D _a [mm]	16–66
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm

Accessories

	D _a [mm]	16	20	25	30–35	40–42	50–66
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)
	Torque wrench	FS1385	FS1385	FS1385			
	Torque wrench	FS1386	FS1386	FS1386	FS1386	FS1386	
	Torque wrench head	FS1388	FS1389	FS1390	FS1391	FS1392	

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	P				M		K			S			H	
				HC				HC		HC			HC			HC	
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSM45X
	ENMX08T316R-D27	M	4	1,6													
	ENMX08T316R-F47	M	4	1,6													

HC = Coated carbide

High-feed milling cutter

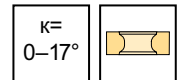
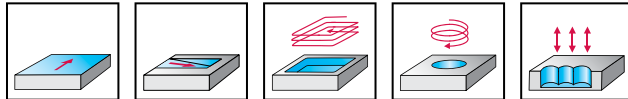
M5008 mm

ENMX08T316R

Xtra-tec® XT

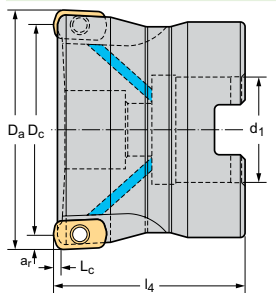


– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5008	●	●	●	●	●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

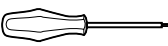
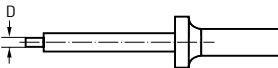
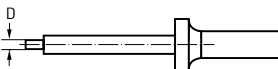
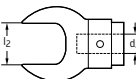
Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	a _r mm	Z PCE	kg	No. of inserts PCE	Type
M5008-032-B16-05-01	26,1	32	16	40		1	2,9	5	0,25	5	ENMX08T316R
M5008-032-B16-06-01	26,1	32	16	40		1	2,9	6	0,27	6	
M5008-035-B16-05-01	29,1	35	16	40		1	2,9	5	0,14	5	
M5008-035-B16-06-01	29,1	35	16	40		1	2,9	6	0,27	6	
M5008-040-B16-06-01	34,1	40	16	40		1	2,9	6	0,18	6	
M5008-040-B16-08-01	34,1	40	16	40		1	2,9	8	0,34	8	
M5008-042-B16-06-01	36,1	42	16	40		1	2,9	6	0,34	6	
M5008-042-B16-08-01	36,1	42	16	40		1	2,9	8	0,23	8	
M5008-050-B22-07-01	44,1	50	22	40		1	2,9	7	0,45	7	
M5008-050-B22-09-01	44,1	50	22	40		1	2,9	9	0,47	9	
M5008-052-B22-07-01	46,1	52	22	40		1	2,9	7	0,46	7	
M5008-052-B22-09-01	46,1	52	22	40		1	2,9	9	0,38	9	
M5008-063-B22-08-01	57,1	63	22	40		1	2,9	8	0,49	8	
M5008-063-B22-10-01	57,1	63	22	40		1	2,9	10	0,51	10	
M5008-066-B27-08-01	60,1	66	27	50		1	2,9	8	0,95	8	
M5008-066-B27-10-01	60,1	66	27	50		1	2,9	10	0,97	10	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _a [mm]	16–66
	Clamping screw for indexable insert Tightening torque	FS1454 (T8IP) 1,2 Nm

Accessories

	D _a [mm]	16	20	25	30–35	40–42	50–66
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)
	Torque wrench	FS1385	FS1385	FS1385			
	Torque wrench	FS1386	FS1386	FS1386	FS1386	FS1386	
	Torque wrench head	FS1388	FS1389	FS1390	FS1391	FS1392	

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	P				M		K			S			H	
				HC				HC		HC			HC			HC	
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSM45X
	ENMX08T316R-D27	M	4	1,6													
	ENMX08T316R-F47	M	4	1,6													

HC = Coated carbide

Shoulder milling cutters

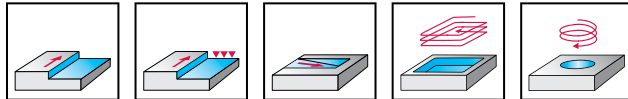
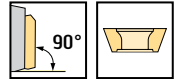
M5130 mm

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 PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5130-010-T09-02-05	10	9,7	20		5	2	0,02	2	AC .. 0602 .. R
	M5130-012-T09-03-05	12	9,7	20		5	3	0,02	3	
	M5130-016-T14-03-05	16	14,5	25		5	3	0,04	3	
	M5130-016-T14-04-05	16	14,5	25		5	4	0,04	4	
	M5130-020-T18-04-05	20	18,5	25		5	4	0,05	4	
	M5130-020-T18-05-05	20	18,5	25		5	5	0,06	5	
	M5130-025-T22-05-05	25	22	30		5	5	0,11	5	
	M5130-025-T22-07-05	25	22	30		5	7	0,12	7	
	M5130-032-T28-06-05	32	28	35		5	6	0,19	6	
	M5130-032-T28-08-05	32	28	35		5	8	0,2	8	
	M5130-040-T36-07-05	40	36	35		5	7	0,34	7	
	M5130-040-T36-10-05	40	36	35		5	10	0,35	10	
 Cylindrical modular	M5130-010-TC06-02-05	10	9,7	20		5	2	0,02	2	AC .. 0602 .. R
	M5130-012-TC06-03-05	12	9,7	20		5	3	0,02	3	
	M5130-016-TC08-03-05	16	14,5	25		5	3	0,04	3	
	M5130-016-TC08-04-05	16	14,5	25		5	4	0,04	4	
	M5130-020-TC10-04-05	20	18,5	25		5	4	0,06	4	
	M5130-020-TC10-05-05	20	18,5	25		5	5	0,06	5	
	M5130-025-TC12-05-05	25	22	30		5	5	0,1	5	
	M5130-025-TC12-07-05	25	22	30		5	7	0,1	7	
	M5130-032-TC16-06-05	32	28	35		5	6	0,19	6	
	M5130-032-TC16-08-05	32	28	35		5	8	0,2	8	
	M5130-040-TC16-07-05	40	28	35		5	7	0,24	7	
	M5130-040-TC16-10-05	40	28	35		5	10	0,27	10	
 DIN 1835 B	M5130-010-W10-02-05	10	10	16	60	5	2	0,03	2	AC .. 0602 .. R
	M5130-010-W16-02-05	10	16	30	80	5	2	0,09	2	
	M5130-012-W12-03-05	12	12	19	65	5	3	0,05	3	
	M5130-012-W16-03-05	12	16	30	80	5	3	0,09	3	
	M5130-016-W16-03-05	16	16	21	70	5	3	0,09	3	
	M5130-016-W16-04-05	16	16	21	70	5	4	0,11	4	
	M5130-020-W20-04-05	20	20	24	75	5	4	0,16	4	
	M5130-020-W20-05-05	20	20	24	75	5	5	0,16	5	
	M5130-025-W25-05-05	25	25	26	85	5	5	0,3	5	
	M5130-025-W25-07-05	25	25	26	85	5	7	0,29	7	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

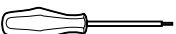
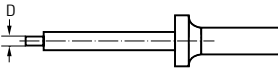
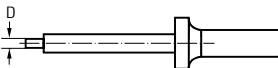
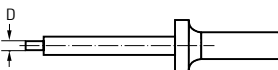
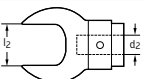
→ Good =

→ Moderate =

Assembly parts

	D _c [mm]	10–63
	Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0,5 Nm

Accessories

	D _c [mm]	10	12	14–63	16	20	25	32	40
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001
	Interchangeable blade	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)
	Torque wrench	FS1384	FS1384						
	Torque wrench				FS1385	FS1385	FS1385		
	Torque wrench				FS1386	FS1386	FS1386	FS1386	FS1386
	Torque wrench head	FS1387	FS1388		FS1388	FS1389	FS1390	FS1391	FS1392

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M		K				N		S	
					HC		HC		HC				HC	HW	HC	
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WKN15
	ACGT060204R-G65	G	2	0,4	0,9	☺	☺	☺	☺	☺	☺				☺	☺
	ACGT060204R-M85	G	2	0,4	0,9										☺	☺
	ACMT060202R-G55	M	2	0,2	1		☺	☺	☺	☺						☺
	ACMT060204R-G55	M	2	0,4	0,9	☺	☺	☺	☺	☺	☺	☺			☺	☺
	ACMT060208R-G55	M	2	0,8	0,8		☺	☺	☺		☺					☺
	ACMT060212R-G55	M	2	1,2	0,6		☺	☺	☺		☺					☺
	ACMT060216R-G55	M	2	1,6	0,1		☺	☺	☺		☺					☺
	ACMT060204R-K55	M	2	0,4	0,9		☺	☺	☺	☺					☺	☺

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

Shoulder milling cutters

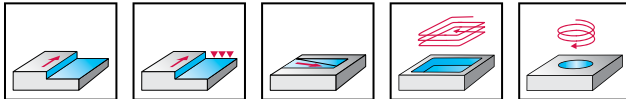
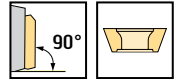
M5130 mm

AC .. 0602 .. R

Xtra-tec® XT



– 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5130	●	●	●	●	●	●	●

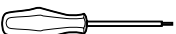
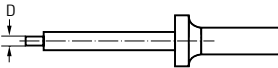
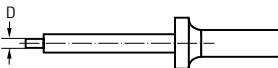
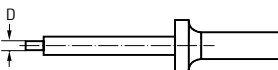
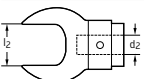
Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 Cylindrical shank	M5130-010-A10-02-05	10	10	16	60	5	2	0,04	2	AC .. 0602 .. R
	M5130-010-A16-02-05	10	16	30	80	5	2	0,1	2	
	M5130-012-A12-03-05	12	12	19	70	5	3	0,05	3	
	M5130-012-A16-03-05	12	16	30	80	5	3	0,11	3	
	M5130-014-A16-03-05	14	16	30	80	5	3	0,12	3	
	M5130-016-A16-03-05	16	16	21	90	5	3	0,12	3	
	M5130-016-A16-04-05	16	16	21	90	5	4	0,13	4	
	M5130-018-A16-03-05	18	16	21	90	5	3	0,13	3	
	M5130-020-A20-04-05	20	20	24	110	5	4	0,26	4	
	M5130-020-A20-05-05	20	20	24	110	5	5	0,24	5	
	M5130-022-A20-04-05	22	20	24	110	5	4	0,26	4	
	M5130-025-A25-05-05	25	25	26	120	5	5	0,42	5	
 Shell mill mount DIN 138 transverse keyway	M5130-025-A25-07-05	25	25	26	120	5	7	0,42	7	
	M5130-032-B16-06-05	32	16	40		5	6	0,14	6	AC .. 0602 .. R
	M5130-032-B16-08-05	32	16	40		5	8	0,14	8	
	M5130-040-B16-07-05	40	16	40		5	7	0,27	7	
	M5130-040-B16-10-05	40	16	40		5	10	0,27	10	
	M5130-050-B22-09-05	50	22	40		5	9	0,53	9	
	M5130-050-B22-12-05	50	22	40		5	12	0,53	12	
	M5130-063-B22-11-05	63	22	40		5	11	0,76	11	
	M5130-063-B22-14-05	63	22	40		5	14	0,69	14	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	10–63
	Clamping screw for indexable insert Tightening torque	FS2560 (T6IP) 0,5 Nm

Accessories

	D _c [mm]	10	12	14–63	16	20	25	32	40
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001	FS2001
	Interchangeable blade	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)	SD2001-6IP (T6IP)
	Screwdriver	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)	SD1001-6IP (T6IP)
	Torque wrench	FS1384	FS1384						
	Torque wrench				FS1385	FS1385	FS1385		
	Torque wrench				FS1386	FS1386	FS1386	FS1386	FS1386
	Torque wrench head	FS1387	FS1388		FS1388	FS1389	FS1390	FS1391	FS1392

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P		M	K			N		S				
					HC			HC	HC			HC	HW	HC			
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WKN15	WK10
	ACGT060204R-G65	G	2	0,4	0,9	☺	☺	☺	☺	☺	☺			☺	☺	☺	☺
	ACGT060204R-M85	G	2	0,4	0,9												
	ACMT060202R-G55	M	2	0,2	1		☺	☺	☺	☺				☺	☺		☺
	ACMT060204R-G55	M	2	0,4	0,9	☺	☺	☺	☺	☺	☺	☺	☺			☺	☺
	ACMT060208R-G55	M	2	0,8	0,8		☺	☺	☺		☺						☺
	ACMT060212R-G55	M	2	1,2	0,6		☺	☺	☺		☺						☺
	ACMT060216R-G55	M	2	1,6	0,1		☺	☺	☺		☺						☺
	ACMT060204R-K55	M	2	0,4	0,9		☺	☺	☺	☺	☺				☺		☺

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

Shoulder milling cutters

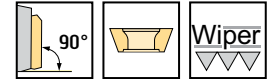
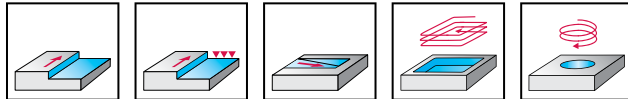
M5130 mm

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 PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5130-016-T14-02-09	16	14,5	25		9	2	0,03	2	BC .. 0903 .. R
	M5130-020-T18-02-09	20	18,5	30		9	2	0,05	2	
	M5130-020-T18-03-09	20	18,5	30		9	3	0,05	3	
	M5130-025-T22-03-09	25	22	35		9	3	0,09	3	
	M5130-025-T22-04-09	25	22	35		9	4	0,11	4	
	M5130-032-T28-04-09	32	28	40		9	4	0,18	4	
	M5130-032-T28-05-09	32	28	40		9	5	0,19	5	
 Cylindrical modular	M5130-016-TC08-02-09	16	14,5	25		9	2	0,04	2	BC .. 0903 .. R
	M5130-020-TC10-02-09	20	18,5	30		9	2	0,05	2	
	M5130-020-TC10-03-09	20	18,5	30		9	3	0,06	3	
	M5130-025-TC12-03-09	25	22	35		9	3	0,1	3	
	M5130-025-TC12-04-09	25	22	35		9	4	0,09	4	
	M5130-032-TC16-04-09	32	28	40		9	4	0,17	4	
	M5130-032-TC16-05-09	32	28	40		9	5	0,18	5	
 DIN 1835 B	M5130-016-W16-02-09	16	16	41	90	9	2	0,12	2	BC .. 0903 .. R
	M5130-020-W20-02-09	20	20	39	90	9	3	0,18	3	
	M5130-020-W20-03-09	20	20	39	90	9	3	0,18	3	
	M5130-025-W25-04-09	25	25	43	100	9	4	0,31	4	
	M5130-032-W32-05-09	32	32	49	110	9	5	0,59	5	
 Cylindrical shank	M5130-016-A16-02-09	16	16	41	180	9	2	0,27	2	BC .. 0903 .. R
	M5130-018-A16-02-09	18	16	41	180	9	2	0,27	2	
	M5130-020-A20-02-09	20	20	39	200	9	2	0,44	2	
	M5130-020-A20-03-09	20	20	39	200	9	3	0,46	3	
	M5130-022-A20-03-09	22	20	39	200	9	3	0,48	3	
	M5130-025-A25-03-09	25	25	43	200	9	3	0,73	3	
	M5130-025-A25-04-09	25	25	43	200	9	4	0,68	4	
 Shell mill mount DIN 138 transverse keyway	M5130-032-B16-03-09	32	16	40		9	3	0,25	3	BC .. 0903 .. R
	M5130-032-B16-06-09	32	16	40		9	6	0,12	6	
	M5130-040-B16-04-09	40	16	40		9	4	0,32	4	
	M5130-040-B16-06-09	40	16	40		9	6	0,21	6	
	M5130-040-B16-07-09	40	16	40		9	7	0,35	7	
	M5130-050-B22-05-09	50	22	40		9	5	0,32	5	
	M5130-050-B22-07-09	50	22	40		9	7	0,49	7	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ⚡

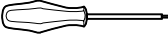
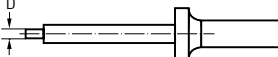
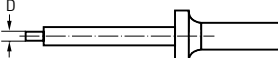
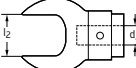
→ Good = ⚡

→ Moderate = ⚡

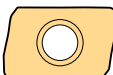
Assembly parts

	D _c [mm]	16–63
	Clamping screw for indexable insert Tightening torque	FS2576 (T8IP) 1,2 Nm

Accessories

	D _c [mm]	16	18–63	20	25	32
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)
	Torque wrench	FS1385		FS1385	FS1385	
	Torque wrench	FS1386		FS1386	FS1386	FS1386
	Torque wrench head	FS1388		FS1389	FS1390	FS1391

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P						M				K						N			S			H	
				HC						HC				HC						DP	HC	HW	HC	WSP45G			
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S						WXM15		
	BCGT090304R-B85	G	1																								
	BCGT090304R-G55	G	2		☺	☹	☹	☹		☹		☹		☺			☹	☹									
	BCGT090304R-K85	G	2																								
	BCMT090302R-G55	M	2			☹	☹	☹									☹	☹								☹	
	BCMT090304R-G55	M	2		☺	☹	☹	☹	☹		☹	☹	☹		☺		☹	☹	☹					☹	☹	☹	
	BCMT090308R-G55	M	2			☹	☹	☹	☹			☹	☹					☹	☹					☹	☹	☹	
	BCMT090312R-G55	M	2			☹	☹	☹	☹			☹	☹					☹	☹						☹	☹	
	BCMT090316R-G55	M	2			☹	☹	☹	☹			☹	☹					☹	☹						☹	☹	
	BCMT090320R-G55	M	2			☹	☹	☹	☹			☹	☹					☹	☹						☹	☹	
	BCMT090304R-F55	M	2		☺	☹	☹	☹	☹			☹	☹		☺		☹	☹	☹						☹	☹	
BCMT090304R-K55	M	2			☺	☹	☹	☹		☺		☹					☹	☹						☺	☹		
	BCGX0903PDR-G55	G	2	☺					☺				☺	☺	☺				☺							☺	

If the corner radius (r) is greater than 1.6 mm, the corner area of the insert seat in the body must be reworked

R (body) = r (indexable insert) – 1 mm

BCGX0903PDR-G55 wiper insert only in combination with BCGT090304R-G55

HC = Coated carbide

DP = Polycrystalline diamond

HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 

→ Good = 

→ Moderate = 

Shoulder milling cutters

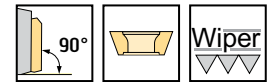
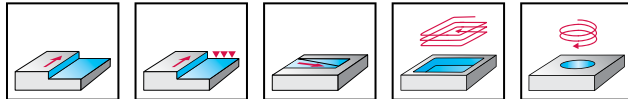
M5130 mm

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 PCE	kg	No. of inserts PCE	Type
	M5130-050-B22-08-09	50	22	40		9	8	0,48	8	BC .. 0903 .. R
	M5130-063-B22-07-09	63	22	40		9	7	0,63	7	
	M5130-063-B22-11-09	63	22	40		9	11	0,64	11	

Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

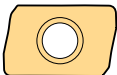
Assembly parts

	D _c [mm]	16–63
	Clamping screw for indexable insert Tightening torque	FS2576 (T8IP) 1,2 Nm

Accessories

	D _c [mm]	16	18–63	20	25	32
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)
	Torque wrench	FS1385		FS1385	FS1385	
	Torque wrench	FS1386		FS1386	FS1386	FS1386
	Torque wrench head	FS1388		FS1389	FS1390	FS1391

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	P					M				K					N			S			H			
				HC					HC				HC					DP	HC	HW	HC	HC					
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S						WKP35G		WKP35S	WXM15	
	BCGT090304R-B85	G	1																								
	BCGT090304R-G55	G	2																								
	BCGT090304R-K85	G	2																								
	BCMT090302R-G55	M	2																								
	BCMT090304R-G55	M	2																								
	BCMT090308R-G55	M	2																								
	BCMT090312R-G55	M	2																								
	BCMT090316R-G55	M	2																								
	BCMT090320R-G55	M	2																								
	BCMT090304R-F55	M	2																								
BCMT090304R-K55	M	2																									
	BCGX0903PDR-G55	G	2																								

If the corner radius (r) is greater than 1.6 mm, the corner area of the insert seat in the body must be reworked

R (body) = r (indexable insert) – 1 mm

BCGX0903PDR-G55 wiper insert only in combination with BCGT090304R-G55

HC = Coated carbide

DP = Polycrystalline diamond

HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

→ Good =

→ Moderate =

Shoulder milling cutters

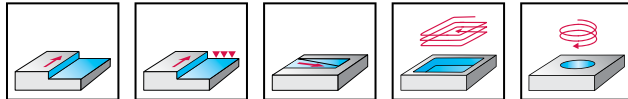
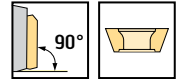
M5130 mm

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 PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5130-025-T22-03-12	25	22	35		12	3	0,1	3	BC .. 1204 .. R
	M5130-032-T28-03-12	32	28	40		12	3	0,17	3	
	M5130-032-T28-04-12	32	28	40		12	4	0,18	4	
	M5130-040-T36-03-12	40	36	40		12	3	0,33	3	
	M5130-040-T36-05-12	40	36	40		12	5	0,32	5	
	M5130-040-T36-06-12	40	36	40		12	6	0,32	6	
 Cylindrical modular	M5130-025-TC12-03-12	25	22	35		12	3	0,1	3	BC .. 1204 .. R
	M5130-032-TC16-03-12	32	28	40		12	3	0,16	3	
	M5130-032-TC16-04-12	32	28	40		12	4	0,17	4	
	M5130-040-TC16-03-12	40	28	40		12	3	0,21	3	
	M5130-040-TC16-06-12	40	28	40		12	6	0,22	6	
 DIN 1835 B	M5130-025-W25-03-12	25	25	43	100	12	3	0,3	3	BC .. 1204 .. R
	M5130-032-W32-03-12	32	32	49	110	12	3	0,55	3	
	M5130-032-W32-04-12	32	32	49	110	12	4	0,56	4	
	M5130-040-W32-05-12	40	32	49	110	12	5	0,68	5	
	M5130-040-W32-06-12	40	32	49	110	12	6	0,68	6	
 Cylindrical shank	M5130-022-A20-02-12	22	20	38	200	12	2	0,45	2	BC .. 1204 .. R
	M5130-025-A25-02-12	25	25	38	200	12	2	0,71	2	
	M5130-025-A25-03-12	25	25	38	200	12	3	0,68	3	
	M5130-032-A32-03-12	32	32	39	250	12	3	1,44	3	
	M5130-032-A32-04-12	32	32	39	250	12	4	1,42	4	
	M5130-040-A32-05-12	40	32	44	250	12	5	1,57	5	
	M5130-040-A40-04-12	40	40	44	250	12	4	2,25	4	
 Shell mill mount DIN 138 transverse keyway	M5130-040-B16-03-12	40	16	40		12	3	0,17	3	BC .. 1204 .. R
	M5130-040-B16-04-12	40	16	40		12	4	0,18	4	
	M5130-040-B16-05-12	40	16	40		12	5	0,19	5	
	M5130-040-B16-06-12	40	16	40		12	6	0,33	6	
	M5130-050-B22-03-12	50	22	40		12	3	0,32	3	
	M5130-050-B22-04-12	50	22	40		12	4	0,3	4	
	M5130-050-B22-06-12	50	22	40		12	6	0,46	6	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

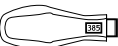
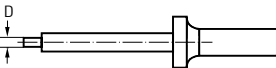
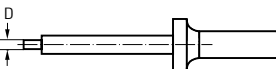
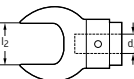
→ Good =

→ Moderate =

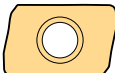
Assembly parts

	D _c [mm]	22-80
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm

Accessories

	D _c [mm]	22-80	25	32	40
	Torque screwdriver, analogue	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)
	Torque wrench		FS1385		
	Torque wrench		FS1386	FS1386	FS1386
	Torque wrench head		FS1390	FS1391	FS1392

Indexable inserts

Designation	Tolerance class	Number of cutting edges	P				M			K				N			S		
			HC				HC			HC				DP	HC	HW	HC		
			WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM45X
	BCGT120408R-B85	G	1																
	BCGT120408R-G55	G	2	☺	☺	☺	☺	☺			☺	☺	☺	☺			☺		☺
	BCHT120404R-K85	H	2																
	BCHT120408R-K85	H	2													☺	☺		
	BCHT120412R-K85	H	2													☺	☺		
	BCHT120416R-K85	H	2													☺	☺		
	BCHT120420R-K85	H	2													☺	☺		
	BCHT120425R-K85	H	2													☺	☺		
	BCHT120430R-K85	H	2													☺	☺		
	BCHT120440R-K85	H	2													☺	☺		
	BCMT120404R-G55	M	2		☺	☺	☺	☺					☺	☺					☺
	BCMT120408R-G55	M	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺				☺	☺	☺
	BCMT120412R-G55	M	2		☺	☺	☺	☺		☺	☺	☺	☺					☺	☺
	BCMT120416R-G55	M	2		☺	☺	☺	☺		☺	☺	☺	☺					☺	☺
	BCMT120420R-G55	M	2		☺	☺	☺	☺				☺	☺					☺	☺
	BCMT120425R-G55	M	2		☺	☺	☺	☺				☺	☺					☺	☺
	BCMT120430R-G55	M	2		☺	☺	☺	☺				☺	☺					☺	☺
	BCMT120432R-G55	M	2		☺	☺	☺	☺				☺	☺					☺	☺
	BCMT120440R-G55	M	2		☺	☺	☺	☺		☺	☺	☺	☺					☺	☺
	BCMT120408R-F55	M	2	☺	☺	☺	☺			☺	☺	☺	☺						☺
BCMT120408R-K55	M	2		☺	☺	☺	☺	☺				☺	☺			☺			

If the corner radius $r = 2.5$ mm or above, the corner area of the body must be reworked.
 R (body) = r (indexable insert) - 1 mm

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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = → Good = → Moderate = 

Shoulder milling cutters

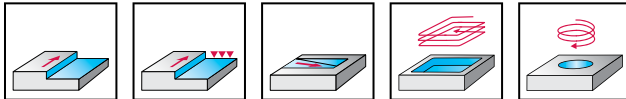
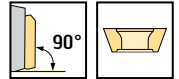
M5130 mm

BC .. 1204 .. R

Xtra-tec® XT

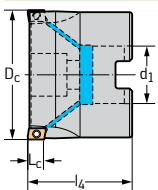


– 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5130	●	●	●	●	●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

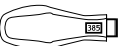
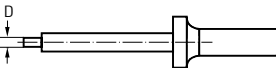
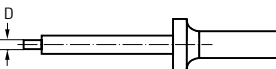
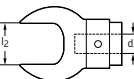
Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
M5130-050-B22-07-12	50	22	40		12	7	0,31	7	BC .. 1204 .. R
M5130-063-B22-04-12	63	22	40		12	4	0,66	4	
M5130-063-B22-05-12	63	22	40		12	5	0,64	5	
M5130-063-B22-07-12	63	22	40		12	7	0,72	7	
M5130-063-B22-08-12	63	22	40		12	8	0,5	8	
M5130-063-B27-04-12	63	27	50		12	4	0,66	4	
M5130-063-B27-05-12	63	27	50		12	5	0,67	5	
M5130-063-B27-07-12	63	27	50		12	7	0,93	7	
M5130-063-B27-08-12	63	27	50		12	8	0,71	8	
M5130-080-B27-05-12	80	27	50		12	5	1,12	5	
M5130-080-B27-06-12	80	27	50		12	6	1,15	6	
M5130-080-B27-08-12	80	27	50		12	8	1,02	8	
M5130-080-B27-09-12	80	27	50		12	9	1,21	9	

Bodies and assembly parts are included in the scope of delivery

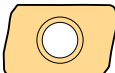
Assembly parts

	D _c [mm]	22-80
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm

Accessories

	D _c [mm]	22-80	25	32	40
	Torque screwdriver, analogue	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)
	Torque wrench		FS1385		
	Torque wrench		FS1386	FS1386	FS1386
	Torque wrench head		FS1390	FS1391	FS1392

Indexable inserts

Designation	Tolerance class	Number of cutting edges	P				M			K				N			S			
			HC				HC			HC				DP	HC	HW	HC			
			WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G
	BCGT120408R-B85	G	1																	
	BCGT120408R-G55	G	2	☺	☺	☺	☺	☺			☺	☺	☺	☺			☺		☺	
	BCHT120404R-K85	H	2																	
	BCHT120408R-K85	H	2												☺	☺				
	BCHT120412R-K85	H	2												☺	☺				
	BCHT120416R-K85	H	2												☺	☺				
	BCHT120420R-K85	H	2												☺	☺				
	BCHT120425R-K85	H	2												☺	☺				
	BCHT120430R-K85	H	2												☺	☺				
	BCHT120440R-K85	H	2												☺	☺				
	BCMT120404R-G55	M	2		☺	☺	☺			☺			☺	☺						☺
	BCMT120408R-G55	M	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺				☺	☺	☺	
	BCMT120412R-G55	M	2		☺	☺	☺		☺	☺		☺	☺					☺	☺	
	BCMT120416R-G55	M	2		☺	☺	☺		☺	☺		☺	☺					☺	☺	
	BCMT120420R-G55	M	2		☺	☺	☺		☺	☺		☺	☺					☺	☺	
	BCMT120425R-G55	M	2		☺	☺	☺					☺	☺						☺	
	BCMT120430R-G55	M	2		☺	☺	☺					☺	☺					☺	☺	
	BCMT120432R-G55	M	2		☺	☺	☺					☺	☺						☺	
	BCMT120440R-G55	M	2		☺	☺	☺		☺	☺		☺	☺					☺	☺	
	BCMT120408R-F55	M	2	☺	☺	☺	☺			☺	☺	☺	☺						☺	
BCMT120408R-K55	M	2		☺	☺	☺	☺	☺				☺	☺			☺				

If the corner radius $r = 2.5$ mm or above, the corner area of the body must be reworked.
 R (body) = r (indexable insert) - 1 mm

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

D2

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = → Good = → Moderate = 

Shoulder milling cutters

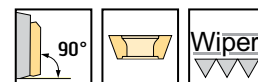
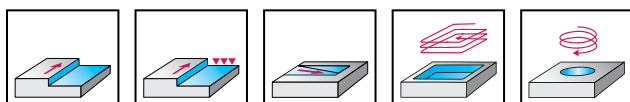
M5130 mm

BC .. 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 PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5130-032-T28-03-15	32	28	40		15	3	0,16	3	BC .. 1605 .. R
	M5130-040-T36-03-15	40	36	40		15	3	0,31	3	
	M5130-040-T36-04-15	40	36	40		15	4	0,31	4	
	M5130-050-T45-03-15	50	45	40		15	3	0,45	3	
	M5130-050-T45-05-15	50	45	40		15	5	0,43	5	
	M5130-050-T45-06-15	50	45	40		15	6	0,49	6	
 Cylindrical modular	M5130-032-TC16-03-15	32	28	40		15	3	0,15	3	BC .. 1605 .. R
	M5130-040-TC16-03-15	40	28	40		15	3	0,24	3	
	M5130-040-TC16-04-15	40	28	40		15	4	0,2	4	
 DIN 1835 B	M5130-025-W25-02-15	25	25	43	100	15	2	0,3	2	BC .. 1605 .. R
	M5130-032-W32-03-15	32	32	49	110	15	3	0,57	3	
 Cylindrical shank	M5130-025-A25-02-15	25	25	38	200	15	2	0,67	2	BC .. 1605 .. R
	M5130-028-A25-02-15	28	25	38	200	15	2	0,7	2	
	M5130-032-A32-03-15	32	32	39	250	15	3	1,43	3	
	M5130-035-A32-03-15	35	32	39	250	15	3	1,46	3	
 Shell mill mount DIN 138 transverse keyway	M5130-040-B16-03-15	40	16	40		15	3	0,15	3	BC .. 1605 .. R
	M5130-040-B16-04-15	40	16	40		15	4	0,14	4	
	M5130-042-B16-03-15	42	16	40		15	3	0,17	3	
	M5130-050-B22-03-15	50	22	40		15	3	0,42	3	
	M5130-050-B22-05-15	50	22	40		15	5	0,41	5	
	M5130-050-B22-06-15	50	22	40		15	6	0,4	6	
	M5130-054-B22-03-15	54	22	40		15	3	0,5	3	
	M5130-063-B22-04-15	63	22	40		15	4	0,57	4	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

→ Good =

→ Moderate =

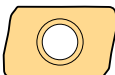
Assembly parts

	D _c [mm]	25	28–160
	Clamping screw for indexable insert Tightening torque	FS1461 (T15IP) 2,5 Nm	FS2300 (T15IP) 3,5 Nm

Accessories

	D _c [mm]	25–125	32	40	50	160
	Torque screwdriver, analogue	FS2003	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
	(incl. gasket + screws) Sealing disc set					FS936 SET KOMPLETT
	Gasket					O-R 96X4
	Torque wrench		FS1386	FS1386	FS1386	
	Torque wrench head		FS1391	FS1392	FS1393	
	Adaptor				FS1394	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b mm	P					M				K					N		S			H
					HC					HC				HC					HC	HW	HC		HC	
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35G
	BCGT160508R-G51	G	2	2																				
	BCGT160508R-G55	G	2	2																				
	BCGX1605PDR-G55	G	2	8																				
	BCHT160508R-K85	H	2	2																				
	BCHT160512R-K85	H	2	1.7																				
	BCHT160516R-K85	H	2	1.7																				
	BCHT160520R-K85	H	2	1.5																				
	BCHT160525R-K85	H	2	1.4																				
	BCHT160530R-K85	H	2	1.2																				
	BCHT160540R-K85	H	2	1.1																				
	BCMT160508R-F55	M	2	2																				
	BCMT160508R-G55	M	2	2																				
	BCMT160512R-G55	M	2	1.7																				
	BCMT160516R-G55	M	2	1.5																				
	BCMT160520R-G55	M	2	1.5																				
	BCMT160525R-G55	M	2	1.4																				
	BCMT160530R-G55	M	2	1.2																				
	BCMT160532R-G55	M	2	1.1																				
	BCMT160540R-G55	M	2	1.1																				
	BCMT160550R-G55	M	2	0.7																				
	BCMT160560R-G55	M	2	0.1																				
	BCMT160508R-G55W	M	2	2																				
	BCMT160516R-G55W	M	2	1.5																				
	BCMT160530R-G55W	M	2	1.2																				
	BCMT160508R-K55	M	2	2																				

If the corner radius $r = 2.5$ mm or above, the corner area of the body must be reworked. $R(\text{body}) = r(\text{indexable insert}) - 1$ mm

BCGX1605PDR-G55 wiper insert only in combination with BCGT160508-G55

HC = Coated carbide

HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☹

→ Moderate = ☹

Shoulder milling cutters

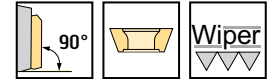
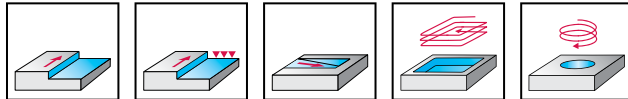
M5130 mm

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 PCE	kg	No. of inserts PCE	Type
 Shell mill mount DIN 138 transverse keyway	M5130-063-B22-06-15	63	22	40		15	6	0,44	6	BC .. 1605 .. R
	M5130-063-B22-07-15	63	22	40		15	7	0,45	7	
	M5130-063-B27-04-15	63	27	50		15	4	0,61	4	
	M5130-063-B27-06-15	63	27	50		15	6	0,64	6	
	M5130-063-B27-07-15	63	27	50		15	7	0,86	7	
	M5130-066-B27-04-15	66	27	50		15	4	0,88	4	
	M5130-080-B27-05-15	80	27	50		15	5	1,14	5	
	M5130-080-B27-07-15	80	27	50		15	7	0,95	7	
	M5130-080-B27-08-15	80	27	50		15	8	0,97	8	
	M5130-085-B27-05-15	85	27	50		15	5	1,03	5	
	M5130-100-B32-05-15	100	32	50		15	5	2,39	5	
	M5130-100-B32-08-15	100	32	50		15	8	1,62	8	
 Shell mill mount DIN 138 transverse keyway	M5130-125-B40-07-15	125	40	63		15	7	4,06	7	
	M5130-125-B40-10-15	125	40	63		15	10	2,67	10	
	M5130-160-B40-08-15	160	40	63		15	8	4,54	8	
	M5130-160-B40-12-15	160	40	63		15	12	3,02	12	

Bodies and assembly parts are included in the scope of delivery

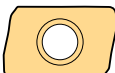
Assembly parts

	D _c [mm]	25	28–160
	Clamping screw for indexable insert Tightening torque	FS1461 (T15IP) 2,5 Nm	FS2300 (T15IP) 3,5 Nm

Accessories

	D _c [mm]	25–125	32	40	50	160
	Torque screwdriver, analogue	FS2003	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
	(incl. gasket + screws) Sealing disc set					FS936 SET KOMPLETT
	Gasket					O-R 96X4
	Torque wrench		FS1386	FS1386	FS1386	
	Torque wrench head		FS1391	FS1392	FS1393	
	Adaptor				FS1394	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b mm	P					M				K					N		S			H
					HC					HC				HC					HC	HW	HC	HC		
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXM15	WXM15	WK10	
	BCGT160508R-G51	G	2	2																				
	BCGT160508R-G55	G	2	2																				
	BCGX1605PDR-G55	G	2	8																				
	BCHT160508R-K85	H	2	2																				
	BCHT160512R-K85	H	2	1.7																				
	BCHT160516R-K85	H	2	1.7																				
	BCHT160520R-K85	H	2	1.5																				
	BCHT160525R-K85	H	2	1.4																				
	BCHT160530R-K85	H	2	1.2																				
	BCHT160540R-K85	H	2	1.1																				
	BCMT160508R-F55	M	2	2																				
	BCMT160508R-G55	M	2	2																				
	BCMT160512R-G55	M	2	1.7																				
	BCMT160516R-G55	M	2	1.5																				
	BCMT160520R-G55	M	2	1.5																				
	BCMT160525R-G55	M	2	1.4																				
	BCMT160530R-G55	M	2	1.2																				
	BCMT160532R-G55	M	2	1.1																				
	BCMT160540R-G55	M	2	1.1																				
	BCMT160550R-G55	M	2	0.7																				
	BCMT160560R-G55	M	2	0.1																				
	BCMT160508R-G55W	M	2	2																				
	BCMT160516R-G55W	M	2	1.5																				
	BCMT160530R-G55W	M	2	1.2																				
	BCMT160508R-K55	M	2	2																				

If the corner radius $r = 2.5$ mm or above, the corner area of the body must be reworked. $R(\text{body}) = r(\text{indexable insert}) - 1$ mm

BCGX1605PDR-G55 wiper insert only in combination with BCGT160508-G55

HC = Coated carbide

HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☹

→ Moderate = ☹

Shoulder milling cutters

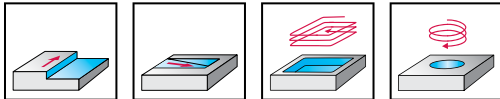
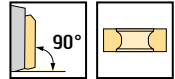
M5137 mm

TNMU11T3...

Xtra-tec® XT



– 6 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5137	●	●	●	●	●	●	●

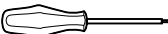
Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
DIN 1835 B	M5137-025-W25-03-05	25	25	40	96	5	3	0,29	3	TNMU11T3...
	M5137-032-W32-04-05	32	32	40	101	5	4	0,53	4	
	M5137-032-W32-05-05	32	32	40	101	5	5	0,53	5	
Shell mill mount DIN 138 transverse keyway	M5137-040-B16-05-05	40	16	40		5	5	0,19	5	TNMU11T3...
	M5137-040-B16-06-05	40	16	40		5	6	0,19	6	
	M5137-050-B22-06-05	50	22	40		5	6	0,29	6	
	M5137-050-B22-08-05	50	22	40		5	8	0,43	8	
	M5137-063-B22-07-05	63	22	40		5	7	0,48	7	
	M5137-063-B22-09-05	63	22	40		5	9	0,69	9	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	25–63
	Clamping screw for indexable insert Tightening torque	FS2061 (T7IP) 0,9 Nm

Accessories

	D _c [mm]	25–63
	Torque screwdriver, analogue	FS2001
	Interchangeable blade	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M	K			S
						HC				HC	HC			HC
						WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G
	TNMU11T304R-G27	M	6	0,4	1	☺	☺	☺	☺	☺	☺	☺	☺	☺
	TNMU11T308R-G27	M	6	0,8	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺
	TNMU11T304R-G57	M	6	0,4	1	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide

Shoulder milling cutters

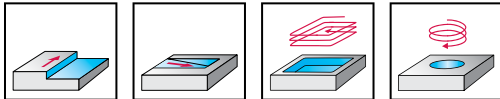
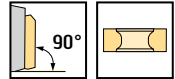
M5137 mm

TN MU1605...

Xtra-tec® XT



– 6 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5137	●	●	●	●	●	●	●

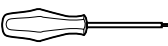
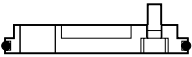
Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 Shell mill mount DIN 138 transverse keyway	M5137-050-B22-04-08	50	22	40	8	4	0,26	4	TN MU1605...
	M5137-050-B22-05-08	50	22	40	8	5	0,25	5	
	M5137-063-B22-05-08	63	22	40	8	5	0,66	5	
	M5137-063-B22-07-08	63	22	40	8	7	0,57	7	
	M5137-080-B27-07-08	80	27	50	8	7	0,9	7	
	M5137-080-B27-09-08	80	27	50	8	9	0,91	9	
	M5137-100-B32-08-08	100	32	50	8	8	2,42	8	
	M5137-100-B32-11-08	100	32	50	8	11	1,62	11	
	M5137-125-B40-11-08	125	40	63	8	11	3,23	11	
 Shell mill mount DIN 138 transverse keyway	M5137-125-B40-13-08	125	40	63	8	13	3,42	13	TN MU1605...
	M5137-160-B40-12-08	160	40	63	8	12	4,48	12	
	M5137-160-B40-14-08	160	40	63	8	14	4,5	14	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	50–160
	Clamping screw for indexable insert Tightening torque	FS2079 (T9IP) 2 Nm

Accessories

	D _c [mm]	50–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M	K			S
						HC				HC	HC			HC
						WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G
	TNMU160508R-G27	M	6	0,8	1,6									
	TNMU160512R-G27	M	6	1,2	1,3									
	TNMU160516R-G27	M	6	1,6	0,9									
	TNMU160508R-G57	M	6	0,8	1,6									

HC = Coated carbide

Shoulder milling cutters

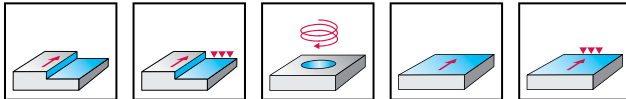
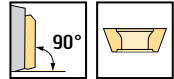
F2010

mm

BC .. 1204 .. R



- Adjustable runout
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.11.R764M	80	27	50	11,7	6	1,28	6	BC .. 1204 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07.11.R764M	100	32	50	11,7	7	1,83	7	BC .. 1204 .. R
	F2010.B.125.Z08.11.R764M	125	40	63	11,7	8	3,91	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.11.R764M	160	40	63	11,7	10	5,65	10	BC .. 1204 .. R
	F2010.B.200.Z12.11.R764M	200	60	63	11,7	12	9,6	12	
	F2010.B.250.Z12.11.R764M	250	60	63	11,7	12	16	12	
	F2010.B.250.Z16.11.R764M	250	60	63	11,7	16	16,21	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.11.R764M	315	60	80	11,7	14	27,39	14	BC .. 1204 .. R
	F2010.B.315.Z18.11.R764M	315	60	80	11,7	18	26,2	18	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

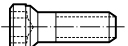
Stability of machine, workpiece and clamping arrangement

→ Very good =

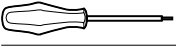
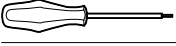
→ Good =

→ Moderate =

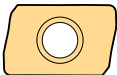
Assembly parts

	D _c [mm]	80–315
	Cartridge for tool body	FR764M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2573 (T9IP) 2 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80–315
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2013 (T9IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1484 (T9IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	P				M				K				N			S		
			HC				HC				HC				DP	HC	HW	HC		
			WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G
	BCGT120408R-B85	G	1																	
	BCGT120408R-G55	G	2	☺	☺	☺	☺	☺				☺	☺	☺	☺			☺		☺
	BCHT120404R-K85	H	2																	
	BCHT120408R-K85	H	2																	
	BCHT120412R-K85	H	2																	
	BCHT120416R-K85	H	2																	
	BCHT120420R-K85	H	2																	
	BCHT120425R-K85	H	2																	
	BCHT120430R-K85	H	2																	
	BCHT120440R-K85	H	2																	
	BCMT120404R-G55	M	2		☺	☺	☺	☺					☺	☺						☺
	BCMT120408R-G55	M	2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺				☺	☺	☺
	BCMT120412R-G55	M	2		☺	☺	☺	☺		☺	☺		☺	☺					☺	☺
	BCMT120416R-G55	M	2		☺	☺	☺	☺		☺	☺		☺	☺					☺	☺
	BCMT120420R-G55	M	2		☺	☺	☺	☺		☺	☺		☺	☺					☺	☺
	BCMT120425R-G55	M	2		☺	☺	☺	☺		☺	☺		☺	☺					☺	☺
	BCMT120430R-G55	M	2		☺	☺	☺	☺		☺	☺		☺	☺					☺	☺
	BCMT120432R-G55	M	2		☺	☺	☺	☺		☺	☺		☺	☺					☺	☺
	BCMT120440R-G55	M	2		☺	☺	☺	☺	☺				☺	☺					☺	☺
	BCMT120408R-F55	M	2	☺	☺	☺	☺			☺	☺	☺	☺	☺						☺
BCMT120408R-K55	M	2		☺	☺	☺	☺	☺				☺	☺				☺		☺	

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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 

→ Good = 

→ Moderate = 

Shoulder milling cutters

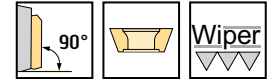
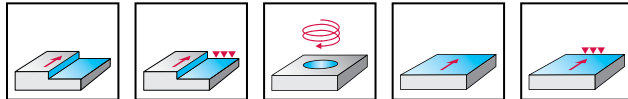
F2010

mm

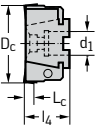
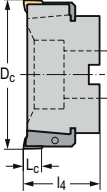
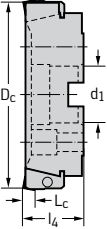
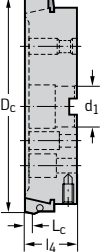
BC .. 1605 .. R



- Adjustable runout
- 2 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.15.R765M	80	27	50	15	6	1,22	6	BC .. 1605 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.100.Z07.15.R765M	100	32	50	15	7	1,77	7	BC .. 1605 .. R
	F2010.B.125.Z08.15.R765M	125	40	63	15	8	3,65	8	
 Shell mill mount DIN 138 transverse keyway	F2010.B.160.Z10.15.R765M	160	40	63	15	10	5,58	10	BC .. 1605 .. R
	F2010.B.200.Z12.15.R765M	200	60	63	15	12	9,6	12	
	F2010.B.250.Z12.15.R765M	250	60	63	15	12	16,1	12	
	F2010.B.250.Z16.15.R765M	250	60	63	15	16	16,07	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.15.R765M	315	60	80	15	14	27,4	14	BC .. 1605 .. R
	F2010.B.315.Z18.15.R765M	315	60	80	15	18	27,5	18	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

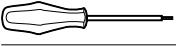
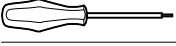
→ Good =

→ Moderate =

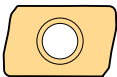
Assembly parts

	D _c [mm]	80–315
	Cartridge for tool body	FR765M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 3,5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80–315
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

Designation	Tolerance Class	Number of cutting edges	b mm	P					M				K					N		S			H	
				HC					HC				HC					HC	HW	HC	HC			
				WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35G		WSM45X
	BCGT160508R-G51	G	2	2		☺	☺	☺	☺			☺				☺	☺	☺					☺	
	BCGT160508R-G55	G	2	2		☺	☺	☺	☺			☺				☺	☺	☺					☺	
	BCGX1605PDR-G55	G	2	8	☺								☺	☺	☺					☺				☺
	BCHT160508R-K85	H	2	2																				☺
	BCHT160512R-K85	H	2	1.7																☺	☺			
	BCHT160516R-K85	H	2	1.7																☺	☺			
	BCHT160520R-K85	H	2	1.5																☺	☺			
	BCHT160525R-K85	H	2	1.4																☺	☺			
	BCHT160530R-K85	H	2	1.2																☺	☺			
	BCHT160540R-K85	H	2	1.1																☺	☺			
	BCMT160508R-F55	M	2	2		☺	☺	☺	☺			☺			☺	☺	☺	☺					☺	
	BCMT160508R-G55	M	2	2		☺	☺	☺	☺			☺			☺	☺	☺	☺					☺	
	BCMT160512R-G55	M	2	1.7			☺	☺	☺			☺	☺				☺	☺					☺	
	BCMT160516R-G55	M	2	1.5			☺	☺	☺			☺	☺				☺	☺					☺	
	BCMT160520R-G55	M	2	1.5			☺	☺	☺			☺	☺				☺	☺					☺	
	BCMT160525R-G55	M	2	1.4			☺	☺	☺			☺	☺				☺	☺					☺	
	BCMT160530R-G55	M	2	1.2			☺	☺	☺			☺	☺				☺	☺					☺	
	BCMT160532R-G55	M	2	1.1			☺	☺	☺			☺	☺				☺	☺					☺	
	BCMT160540R-G55	M	2	1.1			☺	☺	☺			☺	☺				☺	☺					☺	
	BCMT160550R-G55	M	2	0.7			☺	☺	☺			☺	☺				☺	☺					☺	
	BCMT160560R-G55	M	2	0.1			☺	☺	☺			☺	☺				☺	☺					☺	
	BCMT160508R-G55W	M	2	2								☺	☺										☺	
	BCMT160516R-G55W	M	2	1.5								☺	☺										☺	
	BCMT160530R-G55W	M	2	1.2								☺	☺										☺	
	BCMT160508R-K55	M	2	2		☺	☺	☺	☺			☺	☺				☺	☺				☺	☺	

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺ → Good = ☺ → Moderate = ☺

Shoulder milling cutters

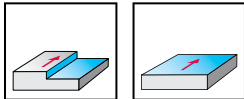
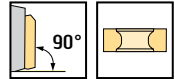
F2010

mm

TNMU1605...



- Adjustable runout
- 6 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.08.R769M	80	27	50	8	6	1,3	6	TNMU1605...
	F2010.B.100.Z07.08.R769M	100	32	50	8	7	1,9	7	TNMU1605...
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.08.R769M	125	40	63	8	8	3,6	8	TNMU1605...
	F2010.B.160.Z10.08.R769M	160	40	63	8	10	5,6	10	TNMU1605...
 Shell mill mount DIN 138 transverse keyway	F2010.B.200.Z12.08.R769M	200	60	63	8	12	8,3	12	TNMU1605...
	F2010.B.250.Z12.08.R769M	250	60	63	8	12	14,8	12	TNMU1605...
 Shell mill mount DIN 138 transverse keyway	F2010.B.250.Z16.08.R769M	250	60	63	8	16	14,6	16	TNMU1605...
	F2010.B.315.Z14.08.R769M	315	60	80	8	14	26,3	14	TNMU1605...
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z18.08.R769M	315	60	80	8	18	26,2	18	TNMU1605...

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

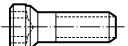
Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

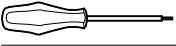
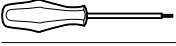
→ Good = ☹

→ Moderate = ☹

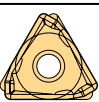
Assembly parts

	D _c [mm]	80–315
	Cartridge for tool body	FR769M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80–315
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2013 (T9IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1484 (T9IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M	K		S	
						HC				HC	HC		HC	
						WKP25S	WKP35G	WKP35S	WSP45G	WSP45G	WKP25S	WKP35G	WKP35S	WSP45G
	TNMU160508R-G27	M	6	0.8	1.6									
	TNMU160512R-G27	M	6	1.2	1.3									
	TNMU160516R-G27	M	6	1.6	0.9									
	TNMU160508R-G57	M	6	0.8	1.6									

HC = Coated carbide

Helical milling cutters

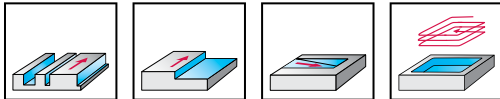
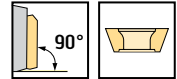
M5250 mm

BC .. 1605 .. R

Xtra-tec® XT

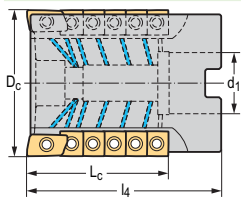


- Full effective design
- 2 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5250	●	●	●	●	●	●	●

Tool

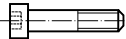


Shell mill mount DIN 138 transverse keyway

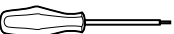
Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
M5250-050-B22-03-43-16	50	22	60	43	3	0,4	3 / 9	BC .. 1605 .. R SC .. 1105 ..
M5250-050-B22-03-62-16	50	22	80	62	3	0,53	3 / 15	
M5250-063-B27-04-43-16	63	27	65	43	4	0,81	4 / 12	
M5250-063-B27-04-62-16	63	27	85	62	4	1,05	4 / 20	
M5250-080-B32-05-62-16	80	32	85	62	5	1,87	5 / 25	
M5250-080-B32-05-80-16	80	32	105	80	5	2,32	5 / 35	

Bodies and assembly parts are included in the scope of delivery

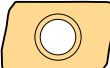
Assembly parts

	D _c [mm]	50	63	80
	Clamping screw for indexable insert Tightening torque	FS2300 (T15IP) 3,5 Nm	FS2300 (T15IP) 3,5 Nm	FS2300 (T15IP) 3,5 Nm
	Clamping screw for arbour-mounted tools	M10X045 ISO4762 12.9 (SW 8)	M12X050 ISO4762 12.9 (SW 10)	M16X070 ISO4762 12.9 (SW 14)

Accessories

	D _c [mm]	50-80
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	b mm	P			M		K		N			S	
					HC	HC	HC	HC	HC	HC	HC	HC	HW	HC	HC	HC
					WKP35G	WKP35S	WSP45G	WSM45X	WSP45G	WKP35G	WKP35S	WXN15	WK10	WN15	WSM45X	WSP45G
	BCGT160508R-G51	G	2	2	☞	☞	☞		☞	☞	☞					☞
	BCGT160508R-G55	G	2	2	☞	☞	☞		☞	☞	☞					☞
	BCHT160508R-K85	H	2	2								☞	☞			
	BCHT160512R-K85	H	2	1,7								☞	☞			
	BCHT160516R-K85	H	2	1,7								☞	☞			
	BCHT160520R-K85	H	2	1,5								☞	☞			
	BCHT160525R-K85	H	2	1,4								☞	☞			
	BCHT160530R-K85	H	2	1,2								☞	☞			
	BCHT160540R-K85	H	2	1,1								☞	☞			
	BCMT160508R-F55	M	2	2	☞	☞	☞		☞	☞	☞					☞
	BCMT160508R-G55	M	2	2	☞	☞	☞		☞	☞	☞					☞
	BCMT160512R-G55	M	2	1,7	☞	☞	☞		☞	☞	☞					☞
	BCMT160516R-G55	M	2	1,5	☞	☞	☞		☞	☞	☞					☞
	BCMT160520R-G55	M	2	1,5	☞	☞	☞		☞	☞	☞					☞
	BCMT160525R-G55	M	2	1,4	☞	☞	☞		☞	☞	☞					☞
	BCMT160530R-G55	M	2	1,2	☞	☞	☞		☞	☞	☞					☞
	BCMT160532R-G55	M	2	1,1	☞	☞	☞		☞	☞	☞					☞
	BCMT160540R-G55	M	2	1,1	☞	☞	☞		☞	☞	☞					☞
	BCMT160550R-G55	M	2	0,7	☞	☞	☞		☞	☞	☞					☞
	BCMT160560R-G55	M	2	0,1	☞	☞	☞		☞	☞	☞					☞
	BCMT160508R-G55W	M	2	2			☞	☞	☞						☞	☞
	BCMT160516R-G55W	M	2	1,5			☞	☞	☞						☞	☞
	BCMT160530R-G55W	M	2	1,2			☞	☞	☞						☞	☞
	SCGT110502-G51	G	4		☞	☞	☞		☞	☞	☞					☞
	SCHT110502-K85	H	4									☞		☞		
	SCMT110502-F55	M	4		☞	☞	☞		☞	☞	☞					☞
	SCMT110502-G55	M	4		☞	☞	☞		☞	☞	☞					☞
	SCMT110502-G55W	M	4				☞	☞	☞						☞	☞

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☞

→ Good = ☞

→ Moderate = ☞

Round insert milling cutters

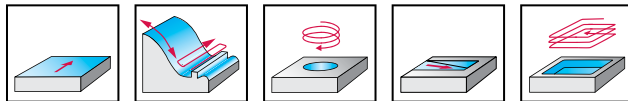
M5468 mm

RD . X0501M0

Xtra-tec® XT



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●	●	●	●	●	●	●

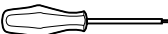
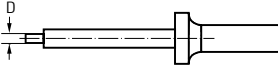
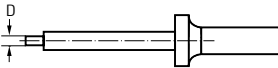
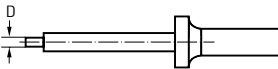
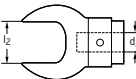
Tool	Designation	R mm	D _a mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5468-010-T09-02-02.5	2,5	10	9,7	20		2,5	2	0,01	2	RD . X0501M0
	M5468-012-T09-03-02.5	2,5	12	9,7	20		2,5	3	0,01	3	
	M5468-016-T14-04-02.5	2,5	16	14,5	25		2,5	4	0,03	4	
	M5468-020-T18-05-02.5	2,5	20	18,5	30		2,5	5	0,06	5	
 Cylindrical modular	M5468-010-TC06-02-02.5	2,5	10	9,7	20		2,5	2	0,01	2	RD . X0501M0
	M5468-012-TC06-03-02.5	2,5	12	9,7	20		2,5	3	0,01	3	
	M5468-016-TC08-04-02.5	2,5	16	14,5	25		2,5	4	0,03	4	
	M5468-020-TC10-05-02.5	2,5	20	18,5	30		2,5	5	0,06	5	
 DIN 1835 B	M5468-010-W10-02-02.5	2,5	10	10	19	60	2,5	2	0,03	2	RD . X0501M0
	M5468-012-W12-03-02.5	2,5	12	12	19	65	2,5	3	0,05	3	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _a [mm]	10–20
	Clamping screw for indexable insert Tightening torque	FS1358 (T6) 0,4 Nm

Accessories

	D _a [mm]	10–12	16	20
	Torque screwdriver, analogue	FS2001	FS2001	FS2001
	Interchangeable blade	FS2005 (T6)	FS2005 (T6)	FS2005 (T6)
	Screwdriver	FS1063 (T6)	FS1063 (T6)	FS1063 (T6)
	Torque wrench	FS1384		
	Torque wrench		FS1385	FS1385
	Torque wrench		FS1386	FS1386
	Torque wrench head	FS1387	FS1388	FS1389

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P				M			K				N	S		H			
					HC				HC			HC				HW	HC		HC			
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WK10	WSM35G	WSM35S	WSP45G	WHH15X
	RDGX0501M0-G88	G	4	5																		
	RDHX0501M0-A57	H	4	5	☺	☺	☺	☺				☺	☺	☺	☺				☺			
	RDMX0501M0-D57	M	4	5		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺				

HC = Coated carbide
HW = Uncoated carbide

Round insert milling cutters

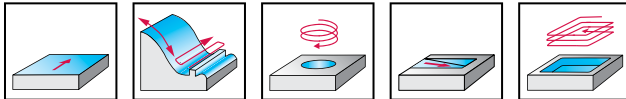
M5468 mm

RD . X07T1M0

Xtra-tec® XT



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●	●	●	●	●	●	●

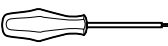
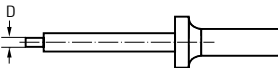
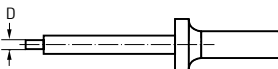
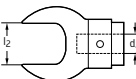
Tool	Designation	R mm	D _a mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5468-015-T14-03-03.5	3,5	15	14,5	25		3,5	3	0,03	3	RD . X07T1M0
	M5468-020-T18-04-03.5	3,5	20	18,5	30		3,5	4	0,05	4	
	M5468-025-T22-05-03.5	3,5	25	22	35		3,5	5	0,1	5	
	M5468-030-T28-06-03.5	3,5	30	28	40		3,5	6	0,18	6	
 Cylindrical modular	M5468-015-TC08-03-03.5	3,5	15	14,5	25		3,5	3	0,03	3	RD . X07T1M0
	M5468-020-TC10-04-03.5	3,5	20	18,5	30		3,5	4	0,05	4	
	M5468-025-TC12-05-03.5	3,5	25	22	35		3,5	5	0,09	5	
	M5468-030-TC16-06-03.5	3,5	30	28	40		3,5	6	0,17	6	
 DIN 1835 B	M5468-015-W16-03-03.5	3,5	15	16	51	100	3,5	3	0,12	3	RD . X07T1M0

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _a [mm]	15–30
	Clamping screw for indexable insert Tightening torque	FS1455 (T8IP) 1,2 Nm

Accessories

	D _a [mm]	15	20	25	30
	Torque screwdriver, analogue	FS2001	FS2001	FS2001	FS2001
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)	FS2012 (T8IP)
	Screwdriver	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)	FS1483 (T8IP)
	Torque wrench	FS1385	FS1385	FS1385	
	Torque wrench	FS1386	FS1386	FS1386	FS1386
	Torque wrench head	FS1388	FS1389	FS1390	FS1391

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P				M				K				N	S				H
					HC				HC				HC				HW	HC				HC
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WHH15X	WKP25G	WKP25S	WKP35G	WKP35S	WK10	WSM35G	WSM35S	WSP45G	WHH15X
	RDGX07T1M0-G88	G	4	7																		
	RDHX07T1M0-A57	H	4	7	☺	☺	☺	☺					☺	☺	☺	☺	☺					☺
	RDMX07T1M0-D57	M	4	7	☺	☺	☺	☺					☺	☺	☺	☺	☺					

HC = Coated carbide
HW = Uncoated carbide

Round insert milling cutters

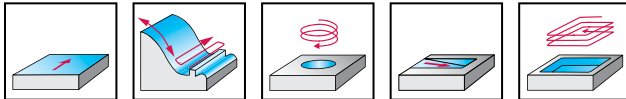
M5468 mm

RO . X0803M0

Xtra-tec® XT



- With indexing surfaces
- 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●	●	●	●	●	●	●

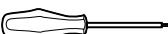
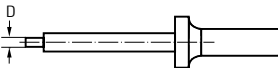
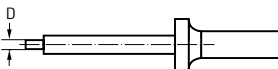
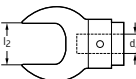
Tool	Designation	R mm	D _a mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5468-016-T14-02-04	4	16	14,5	25		4	2	0,03	2	RO . X0803M0
	M5468-025-T22-03-04	4	25	22	35		4	3	0,09	3	
	M5468-032-T28-05-04	4	32	28	40		4	5	0,18	5	
 Cylindrical modular	M5468-016-TC08-02-04	4	16	14,5	25		4	2	0,03	2	RO . X0803M0
	M5468-025-TC12-03-04	4	25	22	35		4	3	0,09	3	
	M5468-032-TC16-05-04	4	32	28	40		4	5	0,17	5	
 DIN 1835 B	M5468-016-W16-02-04	4	16	16	51	100	4	2	0,13	2	RO . X0803M0
	M5468-016-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

Assembly parts

	D _a [mm]	16	25-32
	Clamping screw for indexable insert Tightening torque	FS1456 (T9IP) 2 Nm	FS2078 (T9IP) 1,5 Nm

Accessories

	D _a [mm]	16	25	32
	Torque screwdriver, analogue	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)
	Torque wrench	FS1385	FS1385	
	Torque wrench	FS1386	FS1386	FS1386
	Torque wrench head	FS1388	FS1390	FS1391

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P				M			K				N		S			H
					HC				HC			HC				HC	HW	HC		HC	
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WHH15X	WKP25G	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM35S
	ROGX0803M04-G88	G	4	8																	
	ROHX0803M04-A57	H	4	8	☺	☺	☺	☺				☺	☺	☺	☺	☺				☺	
	ROHX0803M04-D57	H	4	8				☺	☺									☺	☺		
	ROHX0803M04-D67	H	4	8				☺	☺									☺	☺		
	ROMX0803M04-D57	M	4	8		☺		☺	☺	☺	☺	☺		☺	☺	☺		☺	☺		

HC = Coated carbide
HW = Uncoated carbide

Round insert milling cutters

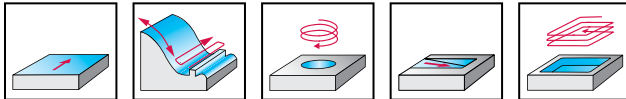
M5468 mm

RO . X10T3M0

Xtra-tec® XT



- With indexing surfaces
- 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●	●	●	●	●	●	●

Tool	Designation	R mm	D _a mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5468-020-T18-02-05	5	20	18,5	30		5	2	0,05	2	RO . X10T3M0
	M5468-025-T22-03-05	5	25	22	35		5	3	0,09	3	
	M5468-030-T28-04-05	5	30	28	40		5	4	0,16	4	
	M5468-032-T28-04-05	5	32	28	40		5	4	0,17	4	
	M5468-035-T28-05-05	5	35	28	40		5	5	0,19	5	
	M5468-040-T36-05-05	5	40	36	40		5	5	0,31	5	
 Cylindrical modular	M5468-020-TC10-02-05	5	20	18,5	30		5	2	0,05	2	RO . X10T3M0
	M5468-025-TC12-03-05	5	25	22	35		5	3	0,08	3	
	M5468-030-TC16-04-05	5	30	28	40		5	4	0,15	4	
	M5468-032-TC16-04-05	5	32	28	40		5	4	0,16	4	
	M5468-035-TC16-05-05	5	35	28	40		5	5	0,18	5	
	M5468-040-TC16-05-05	5	40	28	40		5	5	0,19	5	
 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	0,43	6	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

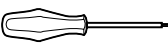
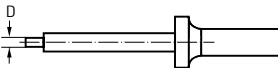
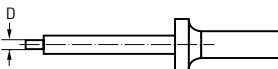
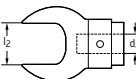
→ Good = ☹

→ Moderate = ☹

Assembly parts

	D _a [mm]	20–52
	Clamping screw for indexable insert Tightening torque	FS2181 (T15IP) 3 Nm

Accessories

	D _a [mm]	20	25	30–35	40	50–52
	Torque screwdriver, analogue	FS2003	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
	Torque wrench	FS1385	FS1385			
	Torque wrench	FS1386	FS1386	FS1386	FS1386	
	Torque wrench head	FS1389	FS1390	FS1391	FS1392	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P				M			K				N		S			H
					HC				HC			HC				HC	HW	HC			HC
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM45X
	ROGX10T3M08-G88	G	8	10																	
	ROHX10T3M08-A57	H	8	10	☺	☺	☺	☺					☺	☺	☺	☺	☺				☺
	ROMX10T3M08-D57	M	8	10		☺	☺	☺	☺	☺	☺	☺		☺	☺	☺	☺			☺	
	ROMX10T3M08-F67	M	8	10					☺	☺	☺	☺						☺	☺	☺	
	ROMX10T3M0T8-A27	M	8	10		☺	☺	☺	☺					☺	☺	☺	☺				

HC = Coated carbide
HW = Uncoated carbide

Round insert milling cutters

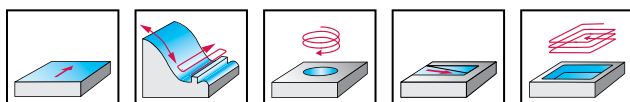
M5468 mm

RO . X1204M0

Xtra-tec® XT



- With indexing surfaces
- 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●	●	●	●	●	●	●

Tool	Designation	R mm	D _a mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5468-024-T22-02-06	6	24	22	35		6	2	0,08	2	RO . X1204M0
	M5468-032-T28-03-06	6	32	28	40		6	3	0,17	3	
	M5468-040-T36-05-06	6	40	36	40		6	5	0,3	5	
	M5468-042-T36-05-06	6	42	36	40		6	5	0,31	5	
 Cylindrical modular	M5468-024-TC12-02-06	6	24	22	35		6	2	0,07	2	RO . X1204M0
	M5468-032-TC16-03-06	6	32	28	40		6	3	0,16	3	
	M5468-040-TC16-05-06	6	40	28	40		6	5	0,18	5	
	M5468-042-TC16-05-06	6	42	28	40		6	5	0,19	5	
 DIN 1835 B	M5468-024-W25-02-06	6	24	25	73	130	6	2	0,36	2	RO . X1204M0
	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	0,28	4	RO . X1204M0
	M5468-040-B16-05-06	6	40	16	40		6	5	0,13	5	
	M5468-042-B16-05-06	6	42	16	40		6	5	0,15	5	
	M5468-050-B22-05-06	6	50	22	50		6	5	0,34	5	
	M5468-050-B22-06-06	6	50	22	50		6	6	0,31	6	
	M5468-052-B22-05-06	6	52	22	50		6	5	0,35	5	
	M5468-052-B22-06-06	6	52	22	50		6	6	0,35	6	
	M5468-063-B22-06-06	6	63	22	50		6	6	0,52	6	
	M5468-063-B22-07-06	6	63	22	50		6	7	0,51	7	
	M5468-066-B27-06-06	6	66	27	50		6	6	0,68	6	
	M5468-066-B27-07-06	6	66	27	50		6	7	0,62	7	
	M5468-080-B27-07-06	6	80	27	50		6	7	0,88	7	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

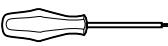
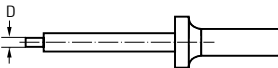
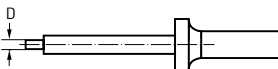
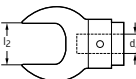
→ Good =

→ Moderate =

Assembly parts

	D _a [mm]	24	32–100	40
	Clamping screw for indexable insert Tightening torque	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS2080 (T15IP) 2,5 Nm

Accessories

	D _a [mm]	24	32	40–42	50–100
	Torque screwdriver, analogue	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
	Torque wrench	FS1385			
	Torque wrench	FS1386	FS1386	FS1386	
	Torque wrench head	FS1390	FS1391	FS1392	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P				M			K				N		S			H
					HC				HC			HC				HC	HW	HC		HC	
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM45X	WSP45G
	ROGX1204M08-G88	G	8	12																	
	ROHX1204M08-A57	H	8	12	☺	☺	☺	☺					☺	☺	☺	☺	☺				☺
	ROMX1204M08-D57	M	8	12		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺			☺	☺	☺	
	ROMX1204M08-F67	M	8	12					☺	☺	☺	☺					☺	☺	☺		
	ROMX1204M0T8-A27	M	8	12		☺	☺	☺					☺	☺	☺	☺					

HC = Coated carbide
HW = Uncoated carbide

Round insert milling cutters

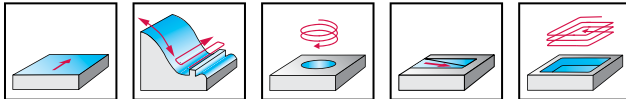
M5468 mm

RO . X1204M0

Xtra-tec® XT

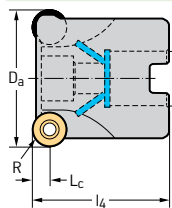


- With indexing surfaces
- 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●	●	●	●	●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

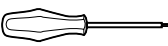
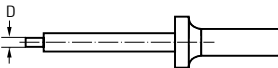
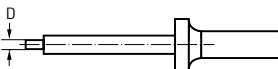
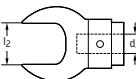
Designation	R mm	D _a mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
M5468-080-B27-08-06	6	80	27	50		6	8	0,87	8	RO . X1204M0
M5468-100-B32-08-06	6	100	32	50		6	8	1,53	8	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _a [mm]	24	32–100	40
	Clamping screw for indexable insert Tightening torque	FS2080 (T15IP) 2,5 Nm	FS1453 (T15IP) 3,5 Nm	FS2080 (T15IP) 2,5 Nm

Accessories

	D _a [mm]	24	32	40–42	50–100
	Torque screwdriver, analogue	FS2003	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
	Torque wrench	FS1385			
	Torque wrench	FS1386	FS1386	FS1386	
	Torque wrench head	FS1390	FS1391	FS1392	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P				M			K				N		S			H
					HC				HC			HC				HC	HW	HC			HC
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM45X	WSP45G
	ROGX1204M08-G88	G	8	12																	
	ROHX1204M08-A57	H	8	12	☺	☺	☺	☺					☺	☺	☺	☺					
	ROMX1204M08-D57	M	8	12		☺	☺	☺	☺				☺	☺	☺	☺					
	ROMX1204M08-F67	M	8	12					☺	☺							☺	☺	☺		
	ROMX1204M0T8-A27	M	8	12		☺	☺	☺	☺					☺	☺	☺	☺				

HC = Coated carbide
HW = Uncoated carbide

Round insert milling cutters

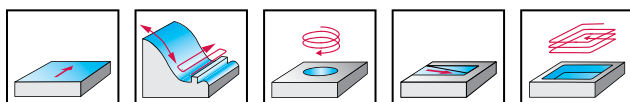
M5468 mm

RO . X1605M0

Xtra-tec® XT



- With indexing surfaces
- 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●	●	●	●	●	●	●

Tool	Designation	R mm	D _a mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 ScrewFit	M5468-032-T28-02-08	8	32	28	40		8	2	0,14	2	RO . X1605M0
 Cylindrical modular	M5468-032-TC16-02-08	8	32	28	40		8	2	0,14	2	RO . X1605M0
 DIN 1835 B	M5468-032-W32-02-08	8	32	32	99	160	8	2	0,74	2	RO . X1605M0
	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	0,38	5	
	M5468-063-B22-05-08	8	63	22	50		8	5	0,49	5	
	M5468-063-B22-06-08	8	63	22	50		8	6	0,49	6	
	M5468-066-B27-05-08	8	66	27	50		8	5	0,57	5	
	M5468-066-B27-06-08	8	66	27	50		8	6	0,66	6	
	M5468-080-B27-06-08	8	80	27	50		8	6	0,82	6	
	M5468-080-B27-07-08	8	80	27	50		8	7	0,82	7	
	M5468-100-B32-07-08	8	100	32	50		8	7	1,43	7	
	M5468-125-B40-08-08	8	125	40	63		8	8	2,79	8	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

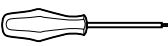
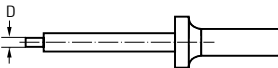
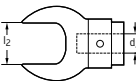
→ Good = ☺

→ Moderate = ☹

Assembly parts

	D _a [mm]	32	52-125
	Clamping screw for indexable insert Tightening torque	FS2281 (T20IP) 5 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D _a [mm]	32	52-125
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)
	Torque wrench	FS1386	
	Torque wrench head	FS1391	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P				M			K				N		S			H
					HC				HC			HC				HC	HW	HC			HC
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X
	ROGX1605M08-G88	G	8	16																	
	ROHX1605M08-A57	H	8	16	☺	☺	☺	☺					☺	☺	☺	☺	☺				☺
	ROMX1605M08-D57	M	8	16		☺	☺	☺	☺	☺		☺	☺	☺	☺	☺		☺		☺	
	ROMX1605M08-F67	M	8	16					☺	☺	☺	☺						☺	☺	☺	
	ROMX1605M0T8-A27	M	8	16		☺	☺	☺						☺	☺	☺	☺				

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

Round insert milling cutters

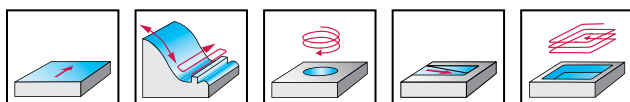
M5468 mm

RO . X2006M0

Xtra-tec® XT



- With indexing surfaces
- 8 cutting edges per indexable insert



	P	M	K	N	S	H	O
M5468	●	●	●	●	●	●	●

Tool	Designation	R mm	D _a mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
ScrewFit	M5468-040-T36-02-10	10	40	36	40		10	2	0,25	2	RO . X2006M0
Cylindrical modular	M5468-040-TC16-02-10	10	40	28	40		10	2	0,15	2	RO . X2006M0
DIN 1835 B	M5468-040-W40-02-10	10	40	40	119	190	10	2	1,44	2	RO . X2006M0
Shell mill mount DIN 138 transverse keyway	M5468-063-B22-04-10	10	63	22	50		10	4	0,5	4	RO . X2006M0
	M5468-063-B22-05-10	10	63	22	50		10	5	0,42	5	
	M5468-080-B27-05-10	10	80	27	50		10	5	0,96	5	
	M5468-080-B27-06-10	10	80	27	50		10	6	0,73	6	
	M5468-100-B32-06-10	10	100	32	50		10	6	1,43	6	
	M5468-100-B32-07-10	10	100	32	50		10	7	1,4	7	
	M5468-125-B40-07-10	10	125	40	63		10	7	2,89	7	
	M5468-125-B40-08-10	10	125	40	63		10	8	2,84	8	
	M5468-160-B40-08-10	10	160	40	63		10	8	2,67	8	
	M5468-160-B40-10-10	10	160	40	63		10	10	2,76	10	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

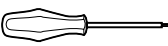
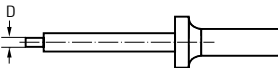
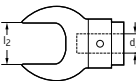
→ Good =

→ Moderate =

Assembly parts

	D _a [mm]	40–160
	Clamping screw for indexable insert Tightening torque	FS2614 (T20IP) 5 Nm

Accessories

	D _a [mm]	40	63–160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)
	Torque wrench	FS1386	
	Torque wrench head	FS1392	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P				M			K				N		S			H
					HC				HC			HC				HC	HW	HC			HC
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSP45G	WHH15X	WKP25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM35S
	ROGX2006M08-G88	G	8	20												⊕	⊕				
	ROHX2006M08-A57	H	8	20	⊕	⊕	⊕	⊕					⊕	⊕	⊕	⊕	⊕			⊕	
	ROHX2006M08-D57	H	8	20				⊕								⊕					
	ROHX2006M0T8-A27	H	8	20				⊕								⊕					
	ROMX2006M08-D57	M	8	20		⊕	⊕	⊕	⊕	⊕	⊕	⊕		⊕	⊕	⊕	⊕		⊕	⊕	
	ROMX2006M0T8-A27	M	8	20		⊕	⊕	⊕	⊕				⊕	⊕	⊕	⊕	⊕				

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ⊕

→ Good = ⊕

→ Moderate = ⊕

Copy milling cutters with round inserts

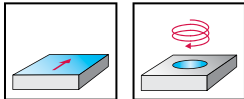
F2010

mm

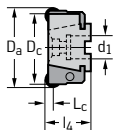
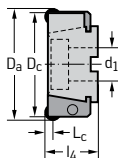
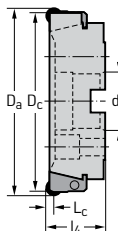
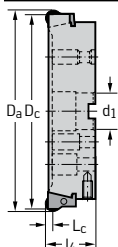
RO . X1605M8



- Adjustable runout
- 8 cutting edges per indexable insert, with indexing surfaces



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.08.R770M	67	83	27	52	8	6	1,29	6	RO . X1605M8
	F2010.B.100.Z07.08.R770M	87	103	32	52	8	7	1,84	7	RO . X1605M8
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.08.R770M	112	128	40	65	8	8	3,56	8	RO . X1605M8
	F2010.B.160.Z10.08.R770M	147	163	40	65	8	10	5,6	10	RO . X1605M8
 Shell mill mount DIN 138 transverse keyway	F2010.B.200.Z12.08.R770M	187	203	60	65	8	12	8,71	12	RO . X1605M8
	F2010.B.250.Z12.08.R770M	237	253	60	65	8	12	16,2	12	RO . X1605M8
	F2010.B.250.Z16.08.R770M	237	253	60	65	8	16	16,3	16	RO . X1605M8
	F2010.B.315.Z14.08.R770M	302	318	60	82	8	14	35	14	RO . X1605M8
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z18.08.R770M	302	318	60	82	8	18	23	18	RO . X1605M8

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

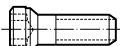
Stability of machine, workpiece and clamping arrangement

→ Very good =

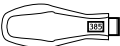
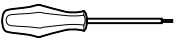
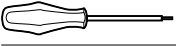
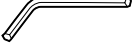
→ Good =

→ Moderate =

Assembly parts

	D _c [mm]	67-302
	Cartridge for tool body	FR770M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	67-302
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2015 (T20IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1486 (T20IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P					M			K					N		S			H	
					HC					HC			HC					HC	HW	HC			HC	
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKP25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X	WSP45G	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

Copy milling cutters with round inserts

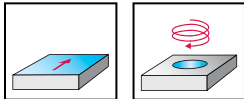
F2010

mm

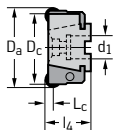
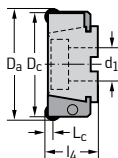
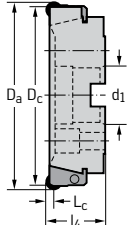
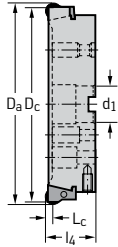
RO . X1204M8



- Adjustable runout
- 8 cutting edges per indexable insert, with indexing surfaces



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.06.R771M	71	83	27	52	6	6	1,29	6	RO . X1204M8
	F2010.B.100.Z07.06.R771M	91	103	32	52	6	7	1,84	7	RO . X1204M8
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.06.R771M	116	128	40	65	6	8	3,56	8	RO . X1204M8
	F2010.B.160.Z10.06.R771M	151	163	40	65	6	10	5,6	10	RO . X1204M8
 Shell mill mount DIN 138 transverse keyway	F2010.B.200.Z12.06.R771M	191	203	60	65	6	12	8,71	12	RO . X1204M8
	F2010.B.250.Z12.06.R771M	241	253	60	65	6	12	16,2	12	RO . X1204M8
	F2010.B.250.Z16.06.R771M	241	253	60	65	6	16	16,3	16	RO . X1204M8
	F2010.B.315.Z14.06.R771M	306	318	60	82	6	14	35	14	RO . X1204M8
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z18.06.R771M	306	318	60	82	6	18	23	18	RO . X1204M8

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

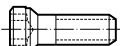
Stability of machine, workpiece and clamping arrangement

→ Very good =

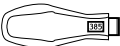
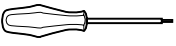
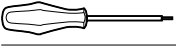
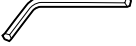
→ Good =

→ Moderate =

Assembly parts

	D _c [mm]	71-306
	Cartridge for tool body	FR771M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	71-306
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	d mm	P				M			K				N		S			H		
					HC				HC			HC				HC	HW	HC		HC			
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WHH15X	WKP25G	WKP25S	WKP35G	WKP35S	WKN15	WK10	WSM35G	WSM45X	WSP45G	WHH15X
	ROGX1204M08-G88	G	8	12																			
	ROHX1204M08-A57	H	8	12																			
	ROMX1204M08-D57	M	8	12																			
	ROMX1204M08-F67	M	8	12																			
	ROMX1204M0T8-A27	M	8	12																			

HC = Coated carbide
HW = Uncoated carbide

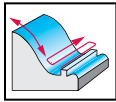
Profile milling cutters

M5460 mm

Xtra-tec® XT



- Steel shank
- Length dimensions related to metric cutting diameters



	P	M	K	N	S	H	O
M5460	●	●	●	●	●	●	●

Tool	Designation	D _c mm	R mm	d ₁ mm	l ₄ mm	l ₁ mm	Z PCE	kg	No. of inserts PCE	T Nm	Type
 ScrewFit	M5460-008-T09-02-04	8	4	9,7	20		2	0,01	1	6	P320 . -D08
	M5460-010-T09-02-05	10	5	9,7	25		2	0,02	1	6	P320 . -D10
	M5460-012-T09-02-06	12	6	9,7	25		2	0,02	1	6	P320 . -D12
	M5460-012-T14-02-06	12	6	14,5	25		2	0,02	1	25	
	M5460-016-T14-02-08	16	8	14,5	25		2	0,03	1	25	P320 . -D16
	M5460-020-T18-02-10	20	10	18,5	30		2	0,05	1	50	P320 . -D20
	M5460-025-T22-02-12	25	12,5	22	35		2	0,08	1	80	P320 . -D25
	M5460-030-T28-02-15	30	15	28	40		2	0,15	1	150	P320 . -D30
 Cylindrical modular	M5460-032-T28-02-16	32	16	28	40		2	0,15	1	150	P320 . -D32
	M5460-008-TC06-02-04	8	4	9,7	20		2	0,01	1		P320 . -D08
	M5460-010-TC06-02-05	10	5	9,7	25		2	0,01	1		P320 . -D10
	M5460-012-TC06-02-06	12	6	9,7	25		2	0,01	1		P320 . -D12
	M5460-016-TC08-02-08	16	8	14,5	25		2	0,02	1		P320 . -D16
	M5460-020-TC10-02-10	20	10	18,5	30		2	0,05	1		P320 . -D20
	M5460-025-TC12-02-12	25	12,5	22	35		2	0,08	1		P320 . -D25
	M5460-030-TC16-02-15	30	15	28	40		2	0,14	1		P320 . -D30
 DIN 1835 B	M5460-032-TC16-02-16	32	16	28	40		2	0,14	1		P320 . -D32
	M5460-008-W12-02-04	8	4	12	50	140	2	0,1	1		P320 . -D08
	M5460-010-W12-02-05	10	5	12	35	150	2	0,11	1		P320 . -D10
	M5460-012-W16-02-06	12	6	16	58,5	160	2	0,2	1		P320 . -D12
	M5460-016-W20-02-08	16	8	20	65	175	2	0,34	1		P320 . -D16
	M5460-020-W25-02-10	20	10	25	76	190	2	0,57	1		P320 . -D20
	M5460-025-W32-02-12	25	12,5	32	98	210	2	1,01	1		P320 . -D25
 Cylindrical shank											
	M5460-008-A10-02-04	8	4	10	25	110	2	0,05	1		P320 . -D08
	M5460-010-A12-02-05	10	5	12	30	130	2	0,1	1		P320 . -D10
	M5460-012-A12-02-06	12	6	12	32	130	2	0,09	1		P320 . -D12
	M5460-016-A16-02-08	16	8	16	36	140	2	0,2	1		P320 . -D16
	M5460-020-A20-02-10	20	10	20	45	160	2	0,32	1		P320 . -D20
	M5460-025-A25-02-12	25	12,5	25	45	160	2	0,42	1		P320 . -D25
	M5460-030-A32-02-15	30	15	32	56	175	2	0,89	1		P320 . -D30
	M5460-032-A32-02-16	32	16	32	56	175	2	0,9	1		P320 . -D32

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = Ⓢ

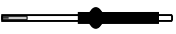
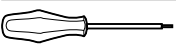
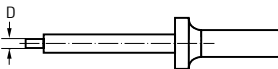
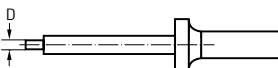
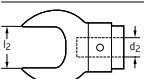
→ Good = Ⓢ

→ Moderate = Ⓢ

Assembly parts

	D _c [mm]	8	10	12	16	20	25	30-32
	Clamping screw for indexable insert Tightening torque	FS2070 (T8IP) 2 Nm	FS2071 (T15IP) 4 Nm	FS2072 (T20IP) 5 Nm	FS2073 (T20IP) 5 Nm	FS2074 (T20IP) 5 Nm	FS2075 (T20IP) 5 Nm	FS2107 (T30IP) 6 Nm

Accessories

	D _c [mm]	8	10	12	16-20	25	30-32
	Torque T-handle						FS2041
	Torque screwdriver, analogue	FS2003	FS2003	FS2003	FS2003	FS2003	
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2015 (T20IP)	FS2015 (T20IP)	FS2108 (T30IP)
	Screwdriver	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1486 (T20IP)	FS1486 (T20IP)	FS2109 (T30IP)
	Torque wrench	FS1384	FS1384	FS1384			
	Torque wrench			FS1385	FS1385	FS1385	
	Torque wrench			FS1386	FS1386	FS1386	FS1386
	Torque wrench head	FS1387	FS1387	FS1387	FS1388	FS1390	FS1391

Indexable inserts

		D _c ^{+0.03} mm	P					M			K			S			H
			HC					HC			HC			HC			HC
			WHH15X	WKP25	WKP35	WSP46	WSP46G	WSM36	WSP46	WSP46G	WHH15X	WKP25	WKP35	WSM36	WSP46	WSP46G	WHH15X
	Designation																
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	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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

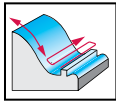
Profile milling cutters

M5460 mm

Xtra-tec® XT



- Steel shank
- Length dimensions related to metric cutting diameters



	P	M	K	N	S	H	O
M5460	●	●	●	●	●	●	●

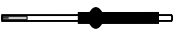
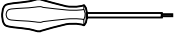
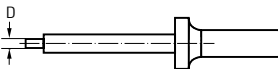
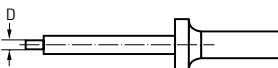
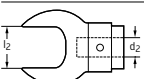
Tool	Designation	D _c mm	R mm	d ₁ mm	l ₄ mm	l ₁ mm	Z PCE	kg	No. of inserts PCE	T Nm	Type
 Cylindrical shank	M5460-008-A08-02-04-C	8	4	8	25	70	2	0,02	1		P320 . -D08
	M5460-008-A08-02-04-C-L	8	4	8	55	100	2	0,03	1		
	M5460-008-A08-02-04-C-XL	8	4	8	105	150	2	0,05	1		
	M5460-010-A10-02-05-C	10	5	10	30	80	2	0,04	1		P320 . -D10
	M5460-010-A10-02-05-C-L	10	5	10	70	120	2	0,06	1		
	M5460-010-A10-02-05-C-XL	10	5	10	100	150	2	0,07	1		
	M5460-012-A12-02-06-C	12	6	12	32	90	2	0,07	1		P320 . -D12
	M5460-012-A12-02-06-C-L	12	6	12	87	145	2	0,1	1		
	M5460-012-A12-02-06-C-XL	12	6	12	142	200	2	0,27	1		
	M5460-016-A16-02-08-C	16	8	16	43	110	2	0,26	1		P320 . -D16
	M5460-016-A16-02-08-C-L	16	8	16	73	140	2	0,18	1		
	M5460-016-A16-02-08-C-XL	16	8	16	128	195	2	0,24	1		
	M5460-020-A20-02-10-C	20	10	20	47	130	2	0,49	1		P320 . -D20
	M5460-020-A20-02-10-C-L	20	10	20	107	190	2	0,39	1		
	M5460-025-A25-02-12-C	25	12,5	25	77	160	2	0,9	1		P320 . -D25
	M5460-025-A25-02-12-C-L	25	12,5	25	167	250	2	1,44	1		

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	8	10	12	16	20	25	30-32
	Clamping screw for indexable insert Tightening torque	FS2070 (T8IP) 2 Nm	FS2071 (T15IP) 4 Nm	FS2072 (T20IP) 5 Nm	FS2073 (T20IP) 5 Nm	FS2074 (T20IP) 5 Nm	FS2075 (T20IP) 5 Nm	FS2107 (T30IP) 6 Nm

Accessories

	D _c [mm]	8	10	12	16-20	25	30-32
	Torque T-handle						FS2041
	Torque screwdriver, analogue	FS2003	FS2003	FS2003	FS2003	FS2003	
	Torque screwdriver, digital	FS2248	FS2248	FS2248	FS2248	FS2248	FS2248
	Interchangeable blade	FS2012 (T8IP)	FS2014 (T15IP)	FS2015 (T20IP)	FS2015 (T20IP)	FS2015 (T20IP)	FS2108 (T30IP)
	Screwdriver	FS1483 (T8IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1486 (T20IP)	FS1486 (T20IP)	FS2109 (T30IP)
	Torque wrench	FS1384	FS1384	FS1384			
	Torque wrench			FS1385	FS1385	FS1385	
	Torque wrench			FS1386	FS1386	FS1386	FS1386
	Torque wrench head	FS1387	FS1387	FS1387	FS1388	FS1390	FS1391

Indexable inserts

			P								M		K			S			H
			HC								HC		HC			HC			H
Designation		D _c ^{+0.03} mm	WHH15X	WKP25	WKP35	WSP46	WSP46G	WSM36	WSP46	WSP46G	WHH15X	WKP25	WKP35	WSM36	WSP46	WSP46G	WHH15X		
	P3201-D08	8	☺								☺						☺		
	P3201-D10	10	☺	☺	☺						☺	☺	☺				☺		
	P3201-D12	12	☺	☺	☺						☺	☺	☺				☺		
	P3201-D16	16	☺	☺	☺						☺	☺	☺				☺		
	P3201-D20	20	☺	☺	☺						☺	☺	☺				☺		
	P3201-D25	25	☺	☺	☺						☺	☺	☺				☺		
	P3201-D30	30	☺								☺						☺		
P3201-D32	32	☺								☺						☺			
	P3204-D08	8				☺	☺	☺	☺	☺	☺				☺	☺	☺		
	P3204-D10	10				☺	☺	☺	☺	☺	☺				☺	☺	☺		
	P3204-D12	12				☺	☺	☺	☺	☺	☺				☺	☺	☺		
	P3204-D16	16				☺	☺	☺	☺	☺	☺				☺	☺	☺		
	P3204-D20	20				☺	☺	☺	☺	☺	☺				☺	☺	☺		
	P3204-D25	25				☺	☺	☺	☺	☺	☺				☺	☺	☺		
	P3204-D30	30				☺	☺	☺	☺	☺	☺				☺	☺	☺		
P3204-D32	32				☺	☺	☺	☺	☺	☺				☺	☺	☺			

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

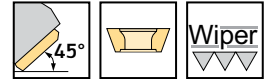
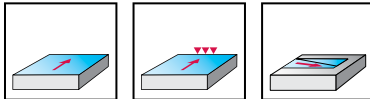
Face milling cutters

M4003 mm

SD .. 09T3AZN; SDHX09T3AZR



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4003	●	●	●	●	●	●	●

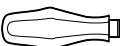
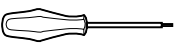
Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 Cylindrical shank	M4003-020-A20-02-4.5	20	20	35	110	4,5	2	0,32	2	SD .. 09T3AZN SDHX09T3AZR
	M4003-025-A25-03-4.5	25	25	35	110	4,5	3	0,47	3	
	M4003-032-A32-04-4.5	32	32	35	110	4,5	4	0,74	4	
 Shell mill mount DIN 138 transverse keyway	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	0,51	6	
	M4003-050-B22-08-4.5	50	22	40		4,5	8	0,51	8	
	M4003-063-B22-07-4.5	63	22	40		4,5	7	0,68	7	
	M4003-063-B22-10-4.5	63	22	40		4,5	10	0,67	10	
	M4003-080-B27-08-4.5	80	27	50		4,5	8	1,24	8	
	M4003-080-B27-12-4.5	80	27	50		4,5	12	1,13	12	
	M4003-100-B32-09-4.5	100	32	50		4,5	9	2,02	9	
	M4003-100-B32-14-4.5	100	32	50		4,5	14	2,84	14	

Bodies and assembly parts are included in the scope of delivery

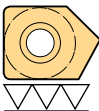
Assembly parts

	D _c [mm]	20–100
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 2 Nm

Accessories

	D _c [mm]	20–100
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2268 (T10IP)
	Screwdriver	FS2267 (T10IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P					M					K					N			S		H
						HC					HC					HC					DP	HC	HW	HC		
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WDN20	WXM15	WKL0
	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			☺	☺								☺	☺						☺	☺	
SDGW09T304-A88	G	1	0.4											☺								☺				
	SDHX09T3AZR-A88	H	1	0.5	5.6	☺					☺				☺	☺	☺					☺				☺
	SDHT09T304-G88	H	4	0.4																			☺	☺		
	SDHT09T308-G88	H	4	0.8																			☺	☺		
	SDMT09T304-F57	M	4	0.4				☺	☺	☺															☺	
	SDMT09T308-F57	M	4	0.8			☺	☺	☺	☺		☺				☺	☺	☺					☺	☺	☺	
	SDMT09T312-F57	M	4	1.2				☺	☺	☺															☺	
	SDMT09T316-F57	M	4	1.6				☺	☺	☺															☺	
	SDMT09T320-F57	M	4	2				☺	☺	☺		☺	☺	☺									☺	☺	☺	
	SDMT09T308-D51	M	4	0.8			☺	☺	☺	☺													☺	☺	☺	
	SDMT09T308-D57	M	4	0.8			☺	☺	☺	☺		☺			☺	☺	☺	☺					☺	☺	☺	
	SDMW09T308-A57	M	4	0.8			☺	☺	☺							☺	☺	☺								
	SDMW09T320-A57	M	4	2				☺	☺	☺						☺	☺	☺							☺	

HC = Coated carbide

DP = Polycrystalline diamond

HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

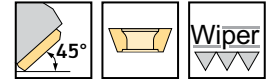
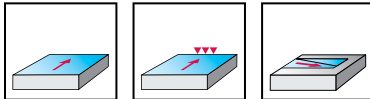
Face milling cutters

M4003 mm

SD .. 1204AZN; SDHX1204AZR



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4003	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 Cylindrical shank	M4003-025-A25-02-6.5	25	25	35	110	6,5	2	0,5	2	SD .. 1204AZN SDHX1204AZR
 Shell mill mount DIN 138 transverse keyway	M4003-040-B16-04-6.5	40	16	40		6,5	4	0,36	4	SD .. 1204AZN SDHX1204AZR
	M4003-050-B22-04-6.5	50	22	40		6,5	4	0,5	4	
	M4003-050-B22-05-6.5	50	22	40		6,5	5	0,51	5	
	M4003-063-B22-05-6.5	63	22	40		6,5	5	0,58	5	
	M4003-063-B22-07-6.5	63	22	40		6,5	7	0,65	7	
	M4003-080-B27-06-6.5	80	27	50		6,5	6	1,19	6	
	M4003-080-B27-09-6.5	80	27	50		6,5	9	1,28	9	
	M4003-100-B32-07-6.5	100	32	50		6,5	7	2,05	7	SD .. 1204AZN SDHX1204AZR
	M4003-100-B32-11-6.5	100	32	50		6,5	11	2,02	11	
	M4003-125-B40-08-6.5	125	40	63		6,5	8	3,43	8	
	M4003-125-B40-13-6.5	125	40	63		6,5	13	3,39	13	
 Shell mill mount DIN 138 transverse keyway	M4003-160-B40-09-6.5	160	40	63		6,5	9	4,34	9	SD .. 1204AZN SDHX1204AZR
	M4003-160-B40-15-6.5	160	40	63		6,5	15	4,29	15	

Bodies and assembly parts are included in the scope of delivery

D2

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☹

→ Moderate = ☹

Assembly parts

	D _c [mm]	25–160
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm

Accessories

	D _c [mm]	25–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P					M				K					N			S			H						
						HC					HC				HC					DP	HC	HW	HC			HC						
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WDN20	WXM15	WK10	WSM35G	WSM45X	WSP45G	WHH15X		
	SDGT1204AZN-F57	G	4	0,3	1,8		☺	☺	☺	☺		☺		☺		☺				☺	☺	☺						☺		☺		
	SDGT1204AZN-G77	G	4	0,3	1,4					☺				☺																☺		
	SDHT1204AZN-G88	H	4	0,3	1,4																					☺	☺					
	SDMT1204AZN-D57	M	4	0,3	1,4		☺	☺	☺	☺			☺		☺		☺		☺		☺	☺	☺					☺		☺		
	SDMT1204AZN-F57	M	4	0,3	1,8		☺	☺	☺	☺				☺	☺						☺	☺	☺	☺					☺		☺	
	SDMW1204AZN-A57	M	4	0,3	1,4		☺	☺	☺								☺				☺	☺	☺	☺					☺		☺	
	SDGW120408-A88	G	1	0,8																					☺							
	SDHX1204AZR-A88	H	1	0,5	7,5	☺					☺				☺	☺	☺							☺							☺	
	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				☺		☺					☺				☺	☺		☺									☺	

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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

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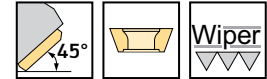
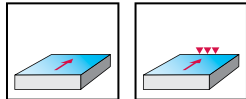
Face milling cutters

F2010

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 PCE	kg	No. of inserts PCE	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
	F2010.B.100.Z07.06.R758M	100	114	32	50	6	7	1,8	7	SD .. 1204AZN SDHX1204AZR
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.06.R758M	125	139	40	63	6	8	3,5	8	SD .. 1204AZN SDHX1204AZR
	F2010.B.160.Z10.06.R758M	160	174	40	63	6	10	5,5	10	SD .. 1204AZN SDHX1204AZR
 Shell mill mount DIN 138 transverse keyway	F2010.B.200.Z12.06.R758M	200	214	60	63	6	12	8,3	12	SD .. 1204AZN SDHX1204AZR
	F2010.B.250.Z12.06.R758M	250	264	60	63	6	12	14,7	12	SD .. 1204AZN SDHX1204AZR
	F2010.B.250.Z16.06.R758M	250	264	60	63	6	16	14,6	16	SD .. 1204AZN SDHX1204AZR
 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	SD .. 1204AZN SDHX1204AZR

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

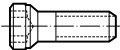
Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

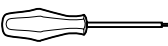
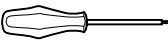
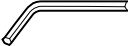
→ Good = ☹

→ Moderate = ☹

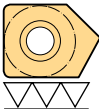
Assembly parts

	D _c [mm]	80–315
	Cartridge for tool body	FR758M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80–315
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P					M				K								N			S			H	
						HC					HC				HC								DP	HC	HW	HC				H
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXM15	WDN20	WXM15	WK10	WSM35G	WSM45X		
	SDGT1204AZN-F57	G	4	0,3	1,8	☺	☺	☺	☺	☺	☺		☺			☺	☺	☺					☺	☺	☺					
	SDGT1204AZN-G77	G	4	0,3	1,4					☺					☺												☺			
	SDGW120408-A88	G	1	0,8																		☺								
	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	☺	☺	☺								☺			☺	☺	☺									
	SDHT120408-G88	H	4	0,8																			☺	☺						
	SDMT120408-D51	M	4	0,8		☺	☺	☺	☺									☺	☺	☺						☺	☺			
	SDMT120408-D57	M	4	0,8		☺	☺	☺	☺		☺			☺				☺	☺	☺						☺	☺			
	SDMT120408-F57	M	4	0,8		☺	☺	☺	☺		☺	☺	☺		☺			☺	☺	☺					☺	☺	☺			
	SDMT120412-F57	M	4	1,2			☺	☺	☺									☺	☺	☺							☺			
	SDMT120416-F57	M	4	1,6			☺	☺	☺									☺	☺	☺						☺	☺			
	SDMT120420-F57	M	4	2			☺	☺	☺									☺	☺	☺						☺	☺			
	SDMT120425-F57	M	4	2,5			☺	☺	☺		☺	☺	☺					☺	☺	☺						☺	☺			
	SDMW120408-A57	M	4	0,8		☺	☺	☺											☺	☺	☺									
	SDMW120425-A57	M	4	2,5			☺	☺						☺					☺	☺	☺						☺			
		SDHX1204AZR-A88	H	1	0,5	7,5	☺					☺				☺	☺	☺					☺						☺	

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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

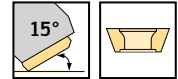
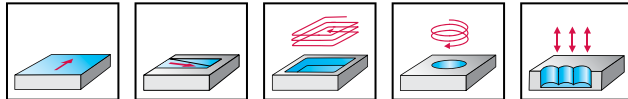
→ Moderate = ☺

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 PCE	kg	No. of inserts PCE	Type
 ScrewFit	M4002-020-T18-02-01	8,4	20	18,5	30		1	5,7	2	0,07	2	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002-025-T22-02-01,5	8,3	25	22	40		1,5	8,4	2	0,11	2	SD .. 09T3 .. SDMX0904ZDR
	M4002-025-T22-03-01	13,4	25	22	35		1	5,7	3	0,12	3	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002-032-T28-03-01,5	15,3	32	28	40		1,5	8,4	3	0,17	3	SD .. 09T3 .. SDMX0904ZDR
	M4002-032-T28-04-01	20,4	32	28	40		1	5,7	4	0,22	4	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002-035-T28-03-01,5	18,3	35	28	40		1,5	8,4	3	0,18	3	SD .. 09T3 .. SDMX0904ZDR
	M4002-040-T36-04-01,5	23,3	40	36	40		1,5	8,4	4	0,31	4	
	M4002-042-T36-03-01,5	25,3	42	36	40		1,5	8,4	3	0,32	3	
 Cylindrical modular	M4002-020-TC10-02-01	8,4	20	18,5	30		1	5,7	2	0,06	2	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002-025-TC12-02-01,5	8,09	25	22	40		1,5	8,4	2	0,09	2	SD .. 09T3 .. SDMX0904ZDR
	M4002-025-TC12-03-01	13,4	25	22	35		1	5,7	3	0,11	3	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002-032-TC16-03-01,5	15,09	32	28	40		1,5	8,4	3	0,16	3	SD .. 09T3 .. SDMX0904ZDR
	M4002-032-TC16-04-01	20,4	32	28	40		1	5,7	4	0,19	4	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002-035-TC16-03-01,5	18,09	35	28	40		1,5	8,4	3	0,18	3	SD .. 09T3 .. SDMX0904ZDR
	M4002-035-TC16-04-01	23,4	35	28	40		1	5,7	4	0,21	4	SD .. 06T2 .. SDM .. 06T2ZDR
 Cylindrical shank	M4002-020-A20-02-01	8,4	20	20	30	200	1	5,7	2	0,45	2	SD .. 06T2 .. SDM .. 06T2ZDR
	M4002-025-A25-03-01	13,4	25	25	35	200	1	5,7	3	0,76	3	
	M4002-032-A32-04-01	20,4	32	32	40	250	1	5,7	4	1,5	4	

*Measured using SDM.06T204, SDM.09T308, SDM.120408 | Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

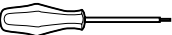
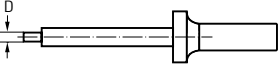
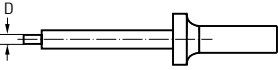
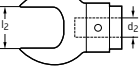
→ Good = ☹

→ Moderate = ☹

Assembly parts

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Torque screwdriver, analogue	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)
	Torque wrench	FS1385	FS1385	
	Torque wrench	FS1386	FS1386	
	Torque wrench head	FS1389	FS1390	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P			M			K					N		S			
						HC			HC			HC					HC	HW	HC			
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X
	SDHT06T204-G88	H	4	0,4																		
	SDMT06T204-D57	M	4	0,4																		
	SDMT06T204-F57	M	4	0,4																		
	SDMT06T208-F57	M	4	0,8																		
	SDMT06T12-F57	M	4	1,2																		
	SDMW06T204-A57	M	4	0,4																		
	SDHT09T308-G88	H	4	0,8																		
	SDMT09T308-D57	M	4	0,8																		
	SDMT09T308-F57	M	4	0,8																		
	SDMT09T312-F57	M	4	1,2																		
	SDMT09T316-F57	M	4	1,6																		
	SDMT09T320-F57	M	4	2																		
	SDMW09T308-A57	M	4	0,8																		
	SDMW09T320-A57	M	4	2																		
	SDMX0904ZDR-E27	M	4	1	0,8																	
	SDMX0904ZDR-E57	M	4	1	0,8																	
	SDHT120408-G88	H	4	0,8																		
	SDMT120408-D57	M	4	0,8																		
	SDMT120408-F57	M	4	0,8																		
	SDMT120412-F57	M	4	1,2																		
	SDMT120416-F57	M	4	1,6																		
	SDMT120420-F57	M	4	2																		
	SDMT120425-F57	M	4	2,5																		
	SDMW120408-A57	M	4	0,8																		
	SDMW120425-A57	M	4	2,5																		
	SDMX1205ZDR-E27	M	4	2	1,2																	
	SDMX1205ZDR-E57	M	4	2	1,2																	
	SDMT06T2ZDR-D57	M	4	0,4	1,2																	
	SDMT09T3ZDR-D57	M	4	0,8	1,2																	
	SDMT1204ZDR-D57	M	4	0,8	1,8																	

For SD..120425 indexable inserts, the circumference of the body must be reworked.

 $R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide

HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

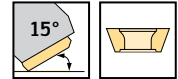
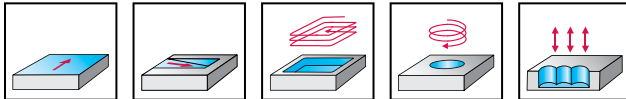
→ Very good = → Good = → Moderate = 

High-feed milling cutter

M4002 mm

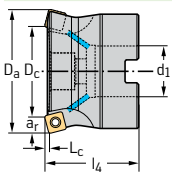


– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4002	●	●	●	●	●	●	●

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 PCE	kg	No. of inserts PCE	Type
M4002-040-B16-05-01	28,4	40	16	40		1	5,7	5	0,22	5	SD .. 06T2 .. SDM .. 06T2ZDR
M4002-042-B16-04-01,5	25,3	42	16	40		1,5	8,4	4	0,2	4	SD .. 09T3 .. SDMX0904ZDR
M4002-050-B22-04-02	27,2	50	22	40		2	11,4	4	0,29	4	SD .. 1204 .. SDMX1205ZDR
M4002-050-B22-05-01,5	33,3	50	22	40		1,5	8,4	5	0,3	5	SD .. 09T3 .. SDMX0904ZDR
M4002-050-B22-05-02	27,2	50	22	40		2	11,4	5	0,31	5	SD .. 1204 .. SDMX1205ZDR
M4002-052-B22-04-01,5	35,3	52	22	40		1,5	8,4	4	0,37	4	SD .. 09T3 .. SDMX0904ZDR
M4002-052-B22-04-02	29,2	52	22	40		2	11,4	4	0,32	4	SD .. 1204 .. SDMX1205ZDR
M4002-052-B22-05-01,5	35,3	52	22	40		1,5	8,4	5	0,34	5	SD .. 09T3 .. SDMX0904ZDR
M4002-052-B22-05-02	29,2	52	22	40		2	11,4	5	0,35	5	SD .. 1204 .. SDMX1205ZDR
M4002-052-B22-06-01	40,4	52	22	40		1	5,7	6	0,41	6	SD .. 06T2 .. SDM .. 06T2ZDR
M4002-063-B22-05-02	40,2	63	22	40		2	11,4	5	0,4	5	SD .. 1204 .. SDMX1205ZDR
M4002-063-B22-06-01,5	46,3	63	22	50		1,5	8,4	6	0,6	6	SD .. 09T3 .. SDMX0904ZDR
M4002-063-B22-06-02	40,2	63	22	40		2	11,4	6	0,46	6	SD .. 1204 .. SDMX1205ZDR
M4002-066-B27-04-02	43,2	66	27	50		2	11,4	4	0,79	4	
M4002-066-B27-05-01,5	49,3	66	27	50		1,5	8,4	5	0,72	5	SD .. 09T3 .. SDMX0904ZDR
M4002-066-B27-05-02	43,2	66	27	50		2	11,4	5	0,57	5	SD .. 1204 .. SDMX1205ZDR
M4002-066-B27-06-01,5	49,3	66	27	50		1,5	8,4	6	0,79	6	SD .. 09T3 .. SDMX0904ZDR
M4002-066-B27-06-02	43,2	66	27	50		2	11,4	6	0,59	6	SD .. 1204 .. SDMX1205ZDR
M4002-080-B27-06-02	57,2	80	27	50		2	11,4	6	0,95	6	
M4002-080-B27-08-02	57,2	80	27	50		2	11,4	8	0,98	8	
M4002-085-B27-05-02	62,2	85	27	50		2	11,4	5	1,09	5	
M4002-085-B27-06-02	62,2	85	27	50		2	11,4	6	0,98	6	
M4002-085-B27-08-02	62,2	85	27	50		2	11,4	8	1	8	
M4002-100-B32-07-02	77,2	100	32	60		2	11,4	7	2,01	7	
M4002-100-B32-09-02	77,2	100	32	60		2	11,4	9	2	9	
M4002-125-B40-08-02	102,2	125	40	60		2	11,4	8	2,89	8	

*Measured using SDM.06T204, SDM.09T308, SDM.120408 | Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

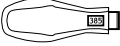
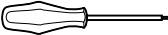
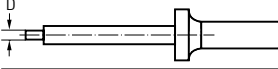
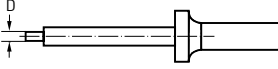
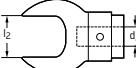
→ Good =

→ Moderate =

Assembly parts

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Torque screwdriver, analogue	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)
	Torque wrench	FS1385	FS1385	
	Torque wrench	FS1386	FS1386	
	Torque wrench head	FS1389	FS1390	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P			M			K					N		S		
						HC			HC			HC					HC	HW	HC		
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G
	SDHT06T204-G88	H	4	0,4																	
	SDMT06T204-D57	M	4	0,4																	
	SDMT06T204-F57	M	4	0,4																	
	SDMT06T208-F57	M	4	0,8																	
	SDMT06T12-F57	M	4	1,2																	
	SDMW06T204-A57	M	4	0,4																	
	SDHT09T308-G88	H	4	0,8																	
	SDMT09T308-D57	M	4	0,8																	
	SDMT09T308-F57	M	4	0,8																	
	SDMT09T312-F57	M	4	1,2																	
	SDMT09T316-F57	M	4	1,6																	
	SDMT09T320-F57	M	4	2																	
	SDMW09T308-A57	M	4	0,8																	
	SDMW09T320-A57	M	4	2																	
	SDMX0904ZDR-E27	M	4	1	0,8																
	SDMX0904ZDR-E57	M	4	1	0,8																
	SDHT120408-G88	H	4	0,8																	
	SDMT120408-D57	M	4	0,8																	
	SDMT120408-F57	M	4	0,8																	
	SDMT120412-F57	M	4	1,2																	
	SDMT120416-F57	M	4	1,6																	
	SDMT120420-F57	M	4	2																	
	SDMT120425-F57	M	4	2,5																	
	SDMW120408-A57	M	4	0,8																	
	SDMW120425-A57	M	4	2,5																	
	SDMX1205ZDR-E27	M	4	2	1,2																
	SDMX1205ZDR-E57	M	4	2	1,2																
	SDMT06T2ZDR-D57	M	4	0,4	1,2																
	SDMT09T3ZDR-D57	M	4	0,8	1,2																
	SDMT1204ZDR-D57	M	4	0,8	1,8																

For SD..120425 indexable inserts, the circumference of the body must be reworked.

 $R_{(body)} = r_{(indexable\ insert)}$

HC = Coated carbide

HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = → Good = → Moderate = 

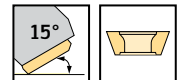
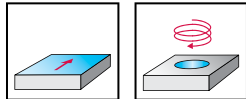
High-Feed-Fräser

F2010

SD .. 1204 ..; SDMX1205ZDR



- Adjustable runout
- 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.08.R755M	69,93	93	27	50	2	6	1,3	6	SD .. 1204 .. SDMX1205ZDR
	F2010.B.100.Z07.08.R755M	89,93	113	32	50	2	7	1,9	7	SD .. 1204 .. SDMX1205ZDR
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.08.R755M	114,93	138	40	63	2	8	3,6	8	SD .. 1204 .. SDMX1205ZDR
	F2010.B.160.Z10.08.R755M	149,93	173	40	63	2	10	5,6	10	SD .. 1204 .. SDMX1205ZDR
 Shell mill mount DIN 138 transverse keyway	F2010.B.200.Z12.08.R755M	189,93	213	60	63	2	12	9,89	12	SD .. 1204 .. SDMX1205ZDR
	F2010.B.250.Z12.08.R755M	239,93	263	60	63	2	12	14,8	12	SD .. 1204 .. SDMX1205ZDR
	F2010.B.250.Z16.08.R755M	239,93	263	60	63	2	16	14,6	16	SD .. 1204 .. SDMX1205ZDR
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.08.R755M	304,93	328	60	80	2	14	26,3	14	SD .. 1204 .. SDMX1205ZDR
	F2010.B.315.Z18.08.R755M	304,93	328	60	80	2	18	26,2	18	SD .. 1204 .. SDMX1205ZDR

*Measured using SDM.120408 | Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

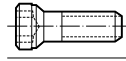
Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

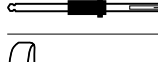
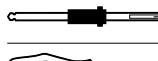
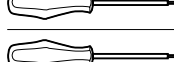
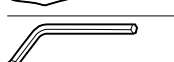
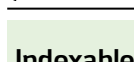
→ Good = ☹

→ Moderate = ☹

Assembly parts

	D _c [mm]	69,93–304,93
	Cartridge for tool body	FR755M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	69,93–304,93
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M				K					N		S		
						HC				HC				HC					HC		HC		
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X	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	1,2		⊕	⊕	⊗	⊕	⊗										⊕	⊗	
SDMX1205ZDR-E57	M	4	2	1,2		⊕		⊗	⊕	⊗										⊕	⊗		
	SDMT1204ZDR-D57	M	4	0,8	1,8		⊕	⊕	⊗					⊗	⊗							⊗	

SD..1204.. : If the corner radius r is greater than 0.8 mm, the corner area of the cassette must be reworked.

R_(body) = r_(indexable insert)

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

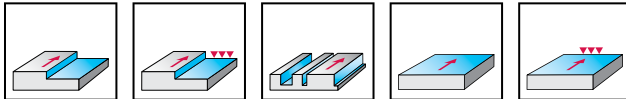
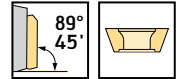
Stability of machine, workpiece and clamping arrangement

→ Very good =  → Good =  → Moderate = 

Shoulder milling cutters

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 PCE	kg	No. of inserts PCE	Type
 ScrewFit	M4132-016-T14-02-06	16	14,5	25		5,6	2	0,04	2	SD .. 06T2 .. SDGT06T2PDR
	M4132-020-T18-02-06	20	18,5	30		5,6	2	0,07	2	
	M4132-020-T18-03-06	20	18,5	30		5,6	3	0,07	3	
	M4132-025-T22-02-09	25	22	35		8,4	2	0,12	2	SD .. 09T3 .. SDGT09T3PDR
	M4132-025-T22-03-06	25	22	35		5,6	3	0,11	3	SD .. 06T2 .. SDGT06T2PDR
	M4132-025-T22-04-06	25	22	35		5,6	4	0,12	4	
	M4132-032-T28-03-09	32	28	40		8,4	3	0,2	3	SD .. 09T3 .. SDGT09T3PDR
 Cylindrical modular	M4132-040-T36-04-09	40	36	40		8,4	4	0,36	4	
	M4132-050-T45-06-09	50	45	40		8,4	6	0,55	6	
	M4132-016-TC08-02-06	16	14,5	25		5,6	2	0,03	2	SD .. 06T2 .. SDGT06T2PDR
	M4132-020-TC10-02-06	20	18,5	30		5,6	2	0,06	2	
	M4132-020-TC10-03-06	20	18,5	30		5,6	3	0,07	3	
	M4132-025-TC12-02-09	25	22	35		8,4	2	0,1	2	SD .. 09T3 .. SDGT09T3PDR
	M4132-025-TC12-03-06	25	22	35		5,6	3	0,1	3	SD .. 06T2 .. SDGT06T2PDR
 DIN 1835 B	M4132-025-TC12-04-06	25	22	35		5,6	4	0,1	4	
	M4132-032-TC16-02-09	32	28	40		8,4	2	0,2	2	SD .. 09T3 .. SDGT09T3PDR
	M4132-032-TC16-03-09	32	28	40		8,4	3	0,18	3	
	M4132-016-W16-02-06	16	16	31	80	5,6	2	0,12	2	SD .. 06T2 .. SDGT06T2PDR
	M4132-020-W20-02-06	20	20	39	90	5,6	2	0,2	2	
	M4132-020-W20-03-06	20	20	39	90	5,6	3	0,19	3	
	M4132-025-W25-02-09	25	25	43	100	8,4	2	0,34	2	SD .. 09T3 .. SDGT09T3PDR
 Shell mill mount DIN 138 transverse keyway	M4132-025-W25-03-06	25	25	43	100	5,6	3	0,34	3	SD .. 06T2 .. SDGT06T2PDR
	M4132-025-W25-04-06	25	25	43	100	5,6	4	0,35	4	
	M4132-032-W32-02-09	32	32	49	110	8,4	2	0,61	2	SD .. 09T3 .. SDGT09T3PDR
	M4132-032-W32-03-09	32	32	49	110	8,4	3	0,6	3	
	M4132-040-W40-04-09	40	40	49	120	8,4	4	1,07	4	
	M4132-040-B16-04-09	40	16	40		8,4	4	0,22	4	SD .. 09T3 .. SDGT09T3PDR
	M4132-040-B16-05-09	40	16	40		8,4	5	0,22	5	
	M4132-050-B22-04-09	50	22	40		8,4	4	0,33	4	
	M4132-050-B22-04-12	50	22	40		11,6	4	0,31	4	SD .. 1204 .. SDGT1204PDR
	M4132-050-B22-05-12	50	22	40		11,6	5	0,32	5	
	M4132-050-B22-06-09	50	22	40		8,4	6	0,35	6	SD .. 09T3 .. SDGT09T3PDR
	M4132-063-B22-05-09	63	22	40		8,4	5	0,55	5	
	M4132-063-B22-05-12	63	22	40		11,6	5	0,5	5	SD .. 1204 .. SDGT1204PDR
	M4132-063-B22-06-12	63	22	40		11,6	6	0,54	6	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

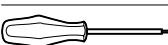
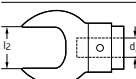
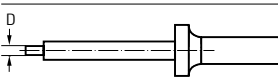
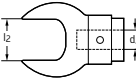
→ Good =

→ Moderate =

Assembly parts

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

	Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Torque screwdriver, analogue	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)
	Adaptor		FS1394	
	Torque wrench	FS1385	FS1385	
	Torque wrench	FS1388	FS1390	

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M			K					N			S		
						HC				HC			HC					DP	HC	HW	HC		
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM45X
	SDGT06T2PDR-D57	G	4	0,4	1,2	☺	☺	☺	☺	☺	☺				☺	☺	☺				☺	☺	☺
	SDGT09T3PDR-D57	G	4	0,8	1,2	☺	☺	☺	☺	☺	☺				☺	☺	☺				☺	☺	☺
	SDGT1204PDR-D57	G	4	0,8	1,6	☺	☺	☺	☺	☺	☺				☺	☺	☺				☺	☺	☺
	SDGW120408-A88	G	1	0,8														☺					
	SDHT06T204-G88	H	4	0,4														☺	☺				
	SDMT06T204-D51	M	4	0,4		☺	☺	☺	☺			☺				☺	☺	☺					☺
	SDMT06T204-D57	M	4	0,4		☺	☺	☺	☺	☺				☺	☺		☺	☺	☺				☺
	SDMT06T204-F57	M	4	0,4		☺	☺	☺	☺	☺	☺					☺	☺	☺	☺				☺
	SDMT06T208-F57	M	4	0,8			☺	☺	☺			☺					☺	☺	☺				☺
	SDMT06T212-F57	M	4	1,2			☺	☺	☺	☺	☺						☺	☺	☺				☺
	SDMW06T204-A57	M	4	0,4		☺	☺	☺								☺	☺	☺	☺				☺
	SDHT09T304-G88	H	4	0,4															☺	☺			
	SDHT09T308-G88	H	4	0,8															☺	☺			
	SDMT09T308-D51	M	4	0,8		☺	☺	☺	☺							☺	☺	☺	☺				☺
	SDMT09T308-D57	M	4	0,8		☺	☺	☺	☺	☺					☺	☺	☺	☺					☺
	SDMT09T304-F57	M	4	0,4			☺	☺	☺								☺	☺	☺				☺
	SDMT09T308-F57	M	4	0,8		☺	☺	☺	☺	☺	☺					☺	☺	☺	☺				☺
	SDMT09T312-F57	M	4	1,2			☺	☺	☺								☺	☺	☺				☺
	SDMT09T316-F57	M	4	1,6			☺	☺	☺	☺							☺	☺	☺				☺
	SDMT09T320-F57	M	4	2			☺	☺	☺	☺	☺						☺	☺	☺				☺
	SDMW09T308-A57	M	4	0,8		☺	☺	☺								☺	☺	☺	☺				☺
	SDMT120408-F57	M	4	0,8		☺	☺	☺	☺	☺	☺					☺	☺	☺	☺				☺
	SDMT120412-F57	M	4	1,2			☺	☺	☺								☺	☺	☺				☺
	SDMT120416-F57	M	4	1,6			☺	☺	☺								☺	☺	☺				☺
	SDMT120420-F57	M	4	2			☺	☺	☺								☺	☺	☺				☺
	SDMT120425-F57	M	4	2,5			☺	☺	☺	☺	☺						☺	☺	☺				☺
	SDMT120408-D51	M	4	0,8		☺	☺	☺	☺							☺	☺	☺	☺				☺
	SDMT120408-D57	M	4	0,8		☺	☺	☺	☺	☺						☺	☺	☺	☺				☺
	SDMW120408-A57	M	4	0,8		☺	☺	☺								☺	☺	☺	☺				☺
	SDMW120425-A57	M	4	2,5			☺	☺	☺	☺						☺	☺	☺	☺				☺

SD..06T2.. : If the corner radius r is greater than 0.4 mm, the corner area of the body must be reworked.

SD..09T3.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.

SD..1204.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.

R_(body) = r_(indexable insert)

HC = Coated carbide

DP = Polycrystalline diamond

HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

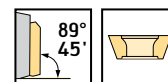
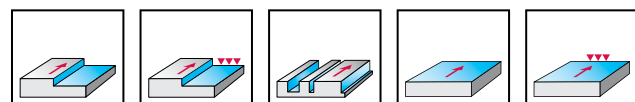
→ Good = ☺

→ Moderate = ☺

Shoulder milling cutters

M4132


– 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 PCE	kg	No. of inserts PCE	Type
 Shell mill mount DIN 138 transverse keyway	M4132-063-B22-07-09	63	22	40		8,4	7	0,58	7	SD .. 09T3 .. SDGT09T3PDR
	M4132-080-B27-06-09	80	27	50		8,4	6	1,14	6	
	M4132-080-B27-06-12	80	27	50		11,6	6	1	6	SD .. 1204 .. SDGT1204PDR
	M4132-080-B27-08-09	80	27	50		8,4	8	1,17	8	SD .. 09T3 .. SDGT09T3PDR
	M4132-080-B27-08-12	80	27	50		11,6	8	1,05	8	SD .. 1204 .. SDGT1204PDR
	M4132-100-B32-07-12	100	32	50		11,6	7	1,8	7	
	M4132-100-B32-09-12	100	32	50		11,6	9	1,83	9	
	M4132-125-B40-08-12	125	40	63		11,6	8	3,37	8	
	M4132-125-B40-10-12	125	40	63		11,6	10	3,42	10	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
 Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

Type	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
 Torque screwdriver, analogue	FS2001	FS2003	FS2003
 Torque screwdriver, digital		FS2248	FS2248
 Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
 Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)
 Adaptor		FS1394	
 Torque wrench	FS1385 / FS1386	FS1385 / FS1386	
 Torque wrench	FS1388	FS1390	

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M			K					N			S			
					HC				HC			HC					DP	HC	HW	HC			
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM45X	WSP45G
	SDGT06T2PDR-D57	G	4	0,4	1,2	☺	☺	☺	☺	☺	☺				☺	☺	☺				☺	☺	☺
	SDGT09T3PDR-D57	G	4	0,8	1,2	☺	☺	☺	☺	☺	☺				☺	☺	☺				☺	☺	☺
	SDGT1204PDR-D57	G	4	0,8	1,6	☺	☺	☺	☺	☺	☺				☺	☺	☺				☺	☺	☺
	SDGW120408-A88	G	1	0,8														☺					
	SDHT06T204-G88	H	4	0,4														☺	☺				
	SDMT06T204-D51	M	4	0,4		☺	☺	☺	☺			☺				☺	☺	☺					☺
	SDMT06T204-D57	M	4	0,4		☺	☺	☺	☺	☺				☺	☺		☺	☺	☺				☺
	SDMT06T204-F57	M	4	0,4		☺	☺	☺	☺	☺	☺					☺	☺	☺	☺				☺
	SDMT06T208-F57	M	4	0,8			☺	☺	☺	☺			☺				☺	☺	☺				☺
	SDMT06T212-F57	M	4	1,2			☺	☺	☺	☺							☺	☺	☺				☺
	SDMW06T204-A57	M	4	0,4		☺	☺	☺								☺	☺	☺	☺				☺
	SDHT09T304-G88	H	4	0,4															☺	☺			
	SDHT09T308-G88	H	4	0,8															☺	☺			
	SDMT09T308-D51	M	4	0,8		☺	☺	☺	☺							☺	☺	☺					☺
	SDMT09T308-D57	M	4	0,8		☺	☺	☺	☺	☺						☺	☺	☺					☺
	SDMT09T304-F57	M	4	0,4			☺	☺	☺	☺							☺	☺	☺				☺
	SDMT09T308-F57	M	4	0,8		☺	☺	☺	☺	☺	☺					☺	☺	☺	☺				☺
	SDMT09T312-F57	M	4	1,2			☺	☺	☺	☺							☺	☺	☺				☺
	SDMT09T316-F57	M	4	1,6			☺	☺	☺	☺							☺	☺	☺				☺
	SDMT09T320-F57	M	4	2			☺	☺	☺	☺							☺	☺	☺				☺
	SDMW09T308-A57	M	4	0,8		☺	☺	☺								☺	☺	☺	☺				☺
	SDMT120408-F57	M	4	0,8		☺	☺	☺	☺	☺	☺					☺	☺	☺					☺
	SDMT120412-F57	M	4	1,2			☺	☺	☺	☺							☺	☺	☺				☺
	SDMT120416-F57	M	4	1,6			☺	☺	☺	☺							☺	☺	☺				☺
	SDMT120420-F57	M	4	2			☺	☺	☺	☺							☺	☺	☺				☺
	SDMT120425-F57	M	4	2,5			☺	☺	☺	☺							☺	☺	☺				☺
	SDMT120408-D51	M	4	0,8		☺	☺	☺	☺	☺						☺	☺	☺	☺				☺
	SDMT120408-D57	M	4	0,8		☺	☺	☺	☺	☺						☺	☺	☺	☺				☺
	SDMW120408-A57	M	4	0,8		☺	☺	☺								☺	☺	☺	☺				☺
	SDMW120425-A57	M	4	2,5			☺	☺		☺						☺	☺	☺					☺

SD..06T2.. : If the corner radius r is greater than 0.4 mm, the corner area of the body must be reworked.

SD..09T3.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.

SD..1204.. : If the corner radius r is greater than 0.8 mm, the corner area of the body must be reworked.

R_(body) = r_(indexable insert)

HC = Coated carbide

DP = Polycrystalline diamond

HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

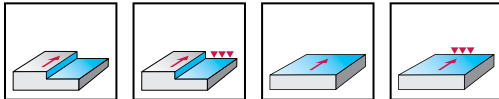
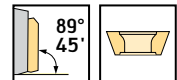
Shoulder milling cutters

F2010

SD .. 1204 ..; SDGT1204PDR



- Adjustable runout
- 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	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
	F2010.B.100.Z07.08.R757M	100	32	50	11,6	7	1,9	7	SD .. 1204 .. SDGT1204PDR
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.08.R757M	125	40	63	11,6	8	3,6	8	SD .. 1204 .. SDGT1204PDR
	F2010.B.160.Z10.08.R757M	160	40	63	11,6	10	5,6	10	SD .. 1204 .. SDGT1204PDR
 Shell mill mount DIN 138 transverse keyway	F2010.B.200.Z12.08.R757M	200	60	63	11,6	12	8,3	12	SD .. 1204 .. SDGT1204PDR
	F2010.B.250.Z12.08.R757M	250	60	63	11,6	12	14,8	12	SD .. 1204 .. SDGT1204PDR
 Shell mill mount DIN 138 transverse keyway	F2010.B.250.Z16.08.R757M	250	60	63	11,6	16	14,6	16	SD .. 1204 .. SDGT1204PDR
	F2010.B.315.Z14.08.R757M	315	60	80	11,6	14	26,3	14	SD .. 1204 .. SDGT1204PDR
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z18.08.R757M	315	60	80	11,6	18	26,2	18	SD .. 1204 .. SDGT1204PDR

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

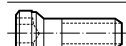
Stability of machine, workpiece and clamping arrangement

→ Very good =

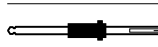
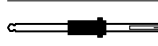
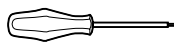
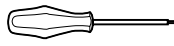
→ Good =

→ Moderate =

Assembly parts

	D _c [mm]	80–315
	Cartridge for tool body	FR757M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80–315
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

		Tolerance class	Number of cutting edges	r mm	b mm	P				M		K					N			S				
						HC				HC		HC					DP	HC	HW	HC				
Designation						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	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 cassette must be reworked.

R_(body) = r_(indexable insert)

HC = Coated carbide

DP = Polycrystalline diamond

HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

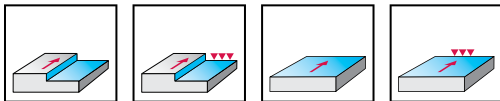
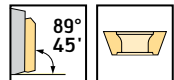
Shoulder milling cutters

F2010 mm

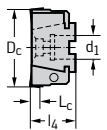
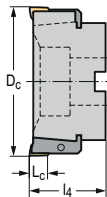
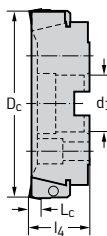
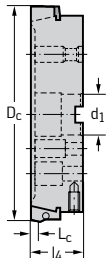
SD .. 09T3 ..; SDGT09T3PDR



- 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 PCE	kg	No. of inserts PCE	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
	F2010.B.100.Z07.08.R756M	100	32	50	8,4	7	1,9	7	SD .. 09T3 .. SDGT09T3PDR
 Shell mill mount DIN 138 transverse keyway	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

WALTER SELECT

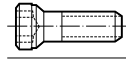
Stability of machine, workpiece and clamping arrangement

→ Very good =

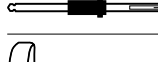
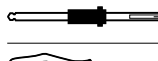
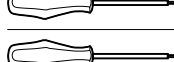
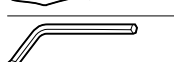
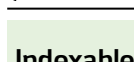
→ Good =

→ Moderate =

Assembly parts

	D _c [mm]	80–315
	Cartridge for tool body	FR756M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2266 (T10IP) 2 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80–315
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2268 (T10IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS2267 (T10IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M			K					N			S		
						HC				HC			HC					DP	HC	HW	HC		
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G	WSM45X
	SDGT09T3PDR-D57	G	4	0,8	1,2	☺	☺	☺	☺	☺										☺	☺	☺	
	SDGW09T304-A88	G	1	0,4														☺					
	SDHT09T304-G88	H	4	0,4														☺	☺				
	SDHT09T308-G88	H	4	0,8														☺	☺				
	SDMT09T304-F57	M	4	0,4			☺	☺	☺													☺	
	SDMT09T308-F57	M	4	0,8		☺	☺	☺	☺	☺	☺										☺	☺	
	SDMT09T312-F57	M	4	1,2			☺	☺	☺													☺	
	SDMT09T316-F57	M	4	1,6			☺	☺	☺													☺	
	SDMT09T320-F57	M	4	2			☺	☺	☺	☺	☺										☺	☺	
	SDMT09T308-D51	M	4	0,8		☺	☺	☺	☺													☺	
	SDMT09T308-D57	M	4	0,8		☺	☺	☺	☺	☺											☺	☺	
	SDMW09T308-A57	M	4	0,8		☺	☺	☺														☺	
	SDMW09T320-A57	M	4	2			☺	☺														☺	

SD..09T3.. : If the corner radius r is greater than 0.8 mm, the corner area of the cassette must be reworked.

R_(body) = r_(indexable insert)

HC = Coated carbide

DP = Polycrystalline diamond

HW = Uncoated carbide

D2

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

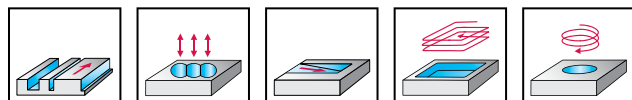
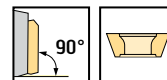
→ Moderate = ☺

Routing cutters

M4792 mm

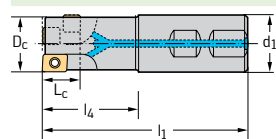


– 2 or 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4792	●●	●●	●●	●●	●●	●●	●●

Tool



DIN 1835 B

Designation

D_c
mm

d₁
mm

l₄
mm

l₁
mm

L_c
mm

Z
PCE

kg

No. of
inserts
PCE

Type

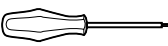
M4792-018-W16-01-08	18	16	31	80	8,3	1	0,1	1	LDM . 08T204R SDM . 06T204
M4792-020-W20-01-13	20	20	34	85	13,3	1	0,17	1 / 1	
M4792-025-W25-01-13	25	25	43	100	13,3	1	0,3	1	LDM . 14T308R SDM . 09T308
M4792-030-W32-01-20	30	32	54	115	20,8	1	0,57	1 / 1	
M4792-032-W32-01-20	32	32	54	115	20,8	1	0,61	1 / 1	
M4792-040-W32-01-26	40	32	69	130	26,9	1	0,83	1 / 1	LDM . 1704 .. R SDM . 120408

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 .. R
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

	Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 .. R
	Torque screwdriver, analogue	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M		K				S	
						HC				HC		HC				HC	
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSP45G
	LDMT08T204R-D51	M	2	0,4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT08T204R-D57	M	2	0,4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT08T204R-F57	M	2	0,4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMW08T204R-A57	M	2	0,4	0,8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT14T308R-D51	M	2	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT14T308R-D57	M	2	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT14T308R-F57	M	2	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMW14T308R-A57	M	2	0,8	1,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170408R-D51	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170408R-D57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170408R-F57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMW170408R-A57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT06T204-D51	M	4	0,4		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT06T204-D57	M	4	0,4		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT06T204-F57	M	4	0,4		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMW06T204-A57	M	4	0,4		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT09T308-D51	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT09T308-D57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT09T304-F57	M	4	0,4		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT09T308-F57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMW09T308-A57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT120408-D51	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT120408-D57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT120408-F57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMW120408-A57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

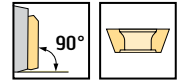
→ Very good = ☺

→ Good = ☺

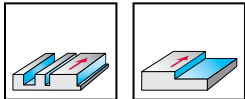
→ Moderate = ☺

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 PCE	kg	No. of inserts PCE	Type
 ScrewFit	M4256-025-T22-02-27	25	22	40		27	2	0,11	2 / 10	LDM . 08T204R SDM . 06T204
	M4256-032-T28-02-37	32	28	50		37	2	0,21	2 / 14	
 ScrewFit	M4257-040-T36-02-54	40	36	69		54	2	0,43	2 / 14	LDM . 14T308R SDM . 09T308
 DIN 1835 B	M4256-020-W20-01-27	20	20	35	86	27	1	0,18	1 / 5	LDM . 08T204R SDM . 06T204
	M4256-025-W25-02-27	25	25	40	97	27	2	0,31	2 / 10	
	M4256-032-W32-02-37	32	32	50	111	37	2	0,57	2 / 14	
	M4257-040-W40-02-54	40	40	69	140	54	2	1,06	2 / 14	LDM . 14T308R SDM . 09T308
 Shell mill mount DIN 138 transverse keyway	M4257-050-B22-02-47	50	22	56		47	2	0,42	2 / 12	LDM . 14T308R SDM . 09T308
	M4257-063-B27-03-54	63	27	69		54	3	0,89	3 / 21	
 Shell mill mount DIN 138 transverse keyway	M4258-080-B32-03-67	80	32	80		67	3	1	3 / 18	LDM . 1704 .. R SDM . 120408
	M4258-100-B40-04-77	100	40	80		77	4	2,39	4 / 28	

For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see "Assembly parts and accessories/Miscellaneous" | Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

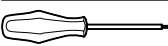
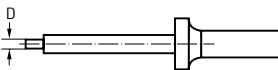
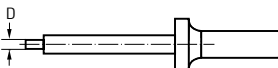
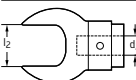
→ Good =

→ Moderate =

Assembly parts

Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 .. R
Clamping screw for arbour-mounted tools		M10X045 ISO4762 12.9 (SW 8)	M16X090 ISO4762 12.9 (SW 14)
 Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

Type	LDM . 08T204R	LDM . 14T308R	LDM . 1704 .. R
 Torque screwdriver, analogue	FS2001	FS2003	FS2003
 Torque screwdriver, digital		FS2248	FS2248
 Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
 Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)
 Torque wrench	FS1385		
 Torque wrench	FS1386	FS1386	
 Torque wrench head	FS1390	FS1390	

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M		K			S			
					HC				HC		HC			HC			
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSP45G	
	LDMT08T204R-D51	M	2	0.4	0.8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	LDMT08T204R-D57	M	2	0.4	0.8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	LDMT08T204R-F57	M	2	0.4	0.8	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	LDMW08T204R-A57	M	2	0.4	0.8	☺	☺		☺	☺		☺	☺		☺	☺	
	LDMT14T308R-D51	M	2	0.8	1.2	☺	☺	☺	☺	☺		☺	☺		☺	☺	
	LDMT14T308R-D57	M	2	0.8	1.2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	LDMT14T308R-F57	M	2	0.8	1.2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	LDMW14T308R-A57	M	2	0.8	1.2		☺		☺	☺			☺		☺	☺	
	LDMT170408R-D51	M	2	0.8	1.6		☺	☺	☺	☺			☺	☺		☺	☺
	LDMT170412R-D51	M	2	1.2	1.6		☺		☺	☺			☺			☺	☺
	LDMT170408R-D57	M	2	0.8	1.6	☺	☺	☺	☺	☺	☺	☺	☺	☺		☺	☺
	LDMT170408R-F57	M	2	0.8	1.6	☺	☺	☺	☺	☺		☺	☺	☺	☺	☺	☺
	LDMW170408R-A57	M	2	0.8	1.6		☺		☺	☺			☺			☺	☺
	SDMT06T204-D51	M	4	0.4		☺	☺	☺	☺	☺		☺	☺	☺	☺	☺	
	SDMT06T204-D57	M	4	0.4		☺	☺	☺	☺	☺		☺	☺	☺	☺	☺	
	SDMT06T204-F57	M	4	0.4		☺	☺	☺	☺	☺		☺	☺	☺	☺	☺	
	SDMW06T204-A57	M	4	0.4		☺	☺		☺	☺			☺	☺		☺	☺
	SDMT09T308-D51	M	4	0.8		☺	☺	☺	☺	☺		☺	☺	☺		☺	☺
	SDMT09T308-D57	M	4	0.8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT09T308-F57	M	4	0.8		☺	☺	☺	☺	☺		☺	☺	☺	☺	☺	☺
	SDMW09T308-A57	M	4	0.8			☺		☺	☺			☺			☺	☺
	SDMT120408-D51	M	4	0.8			☺		☺	☺			☺	☺		☺	☺
	SDMT120408-D57	M	4	0.8		☺	☺	☺	☺	☺		☺	☺	☺	☺	☺	☺
	SDMT120408-F57	M	4	0.8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMW120408-A57	M	4	0.8			☺		☺	☺			☺			☺	☺

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

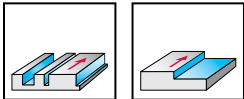
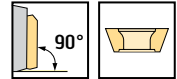
Helical milling cutters

M4258

LDM . 1704 .. R



- 2 or 4 cutting edges per indexable insert
- Half effective design with corner front piece

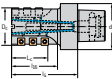
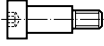


	P	M	K	N	S	H	O
M4258	●●	●●	●●	●●	●●	●●	●●

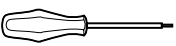
Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁₆ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
	M4258-050-C6-02-75-M	50	63	110	88	77	2	1,3	2 / 14	LDM . 1704 .. R SDM . 120408
	M4258-063-C8-02-96-M	63	80	150	115	98	2	3,41	2 / 18	
Walter Capto™ in acc. with ISO 26623										
	M4258-080-C8-03-116-M	80	80	150	150	118	3	3,9	3 / 33	LDM . 1704 .. R 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

Assembly parts

	D _c [mm]	50	63	80
	Basic body	M4258-050-C6-02-50-B	M4258-063-C8-02-60-B	M4258-080-C8-03-80-B
	Porcupine milling cutter front piece	M4258-050-P20-02-25-F	M4258-063-P30-02-36-F	M4258-080-P40-03-36-F
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm	FS1453 (T15IP) 3,5 Nm	FS1453 (T15IP) 3,5 Nm
	Clamping screw for front piece Tightening torque	FS370 (SW 10) 40 Nm	FS373 (SW 12) 120 Nm	FS373 (SW 12) 120 Nm

Accessories

	D _c [mm]	50-80
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M		K				S	
						HC				HC		HC				HC	
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKP25S	WKP35G	WKP35S	WSM35G	WSP45G	
	LDMT170408R-D51	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170412R-D51	M	2	1,2	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170408R-D57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMT170408R-F57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LDMW170408R-A57	M	2	0,8	1,6	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT120408-D51	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT120408-D57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMT120408-F57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	SDMW120408-A57	M	4	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

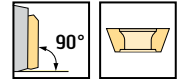
Helical milling cutter front piece

M4258

LDM . 1704 .. R



- 2 or 4 cutting edges per indexable insert
- Half effective design with corner front piece



	P	M	K	N	S	H	O
M4258	●●	●●	●●	●●	●●	●●	●●

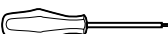
Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
	M4258-050-P20-02-25-F	50		25	25	2	0,14	2 / 4	LDM . 1704 .. R SDM . 120408
	M4258-063-P30-02-36-F	63		35	35	2	0,4	2 / 6	
	M4258-080-P40-03-36-F	80		35	35	3	0,62	3 / 9	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	50–80
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm

Accessories

	D _c [mm]	50–80
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M		K				S	
						HC				HC		HC				HC	
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSP45G
	LDMT170408R-D51	M	2	0,8	1,6												
	LDMT170412R-D51	M	2	1,2	1,6												
	LDMT170408R-D57	M	2	0,8	1,6												
	LDMT170408R-F57	M	2	0,8	1,6												
	LDMW170408R-A57	M	2	0,8	1,6												
	SDMT120408-D51	M	4	0,8													
	SDMT120408-D57	M	4	0,8													
	SDMT120408-F57	M	4	0,8													
	SDMW120408-A57	M	4	0,8													

HC = Coated carbide

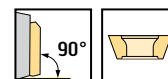
Helical milling cutter basic body

M4258

SDM . 120408



- 2 or 4 cutting edges per indexable insert
- Basic body for porcupine milling cutters



	P	M	K	N	S	H	O
M4258	●●	●●	●●	●●	●●	●●	●●

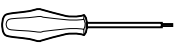
Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁₆ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
	M4258-050-C6-02-50-B	50	63	85	62	52	2	1,16	10	SDM . 120408
	M4258-063-C8-02-60-B	63	80	115	80	63	2	2,81	12	
Walter Capto™ in acc. with ISO 26623										
	M4258-080-C8-03-80-B	80	80	115	115	83	3	3,43	24	SDM . 120408
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

Assembly parts

	Type	SDM . 120408
	Clamping screw for indexable insert Tightening torque	FS1453 (T15IP) 3,5 Nm

Accessories

	Type	SDM . 120408
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P				M			K				S			
					HC				HC			HC				HC			
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSM45X	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	☺	☺	☺							☺	☺	☺	☺	☺	☺

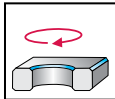
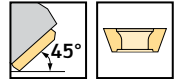
HC = Coated carbide

Chamfer milling cutters

M4574



– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4574	●	●	●	●	●		

Tool	Designation	D _c mm	D _a mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 ScrewFit	M4574-012-T09-02-03	12	20,3	9,7	20		3,5	2	0,01	2	SDM . 06T204
	M4574-016-T14-03-03	16	24,3	14,5	25		3,5	3	0,04	3	
	M4574-020-T18-02-05	20	32,8	18,5	30		5,5	2	0,09	2	SDM . 09T308
	M4574-025-T22-03-05	25	37,8	22	35		5,5	3	0,13	3	
	M4574-032-T28-03-05	32	44,8	28	40		5,5	3	0,24	3	
	M4574-032-T28-03-07	32	48,6	28	40		7,5	3	0,23	3	SDM . 120408
 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	0,04	3	
	M4574-020-TC10-02-05	20	32,8	18,5	30		5,5	2	0,07	2	SDM . 09T308
	M4574-025-TC12-03-05	32	37,8	22	35		5,5	3	0,12	3	
	M4574-032-TC16-03-05	32	44,8	28	40		5,5	3	0,21	3	
	M4574-032-TC16-03-07	32	48,6	28	40		7,5	3	0,24	3	SDM . 120408
 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	0,22	2	SDM . 06T204
	M4574-016-A16-02-05	16	28,8	16	40	160	5,5	2	0,25	2	SDM . 09T308
	M4574-016-A16-03-03	16	24,3	16	40	160	3,5	3	0,24	3	SDM . 06T204
	M4574-020-A20-02-05	20	32,8	20	40	200	5,5	2	0,5	2	SDM . 09T308
	M4574-025-A25-02-07	25	41,6	25	40	200	7,5	2	0,75	2	SDM . 120408
	M4574-025-A25-03-05	25	37,8	25	40	200	5,5	3	0,75	3	SDM . 09T308
	M4574-032-A32-03-05	32	44,8	32	40	250	5,5	3	1,52	3	
	M4574-032-A32-03-07	32	48,6	32	40	250	7,5	3	1,5	3	SDM . 120408
	M4574-040-A32-03-07	40	56,6	32	40	250	7,5	3	1,63	3	
	M4574-040-A32-04-05	40	52,8	32	40	250	5,5	4	1,56	4	SDM . 09T308

Tools with parallel shank can be shortened depending on the application. | Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

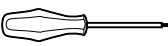
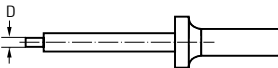
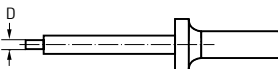
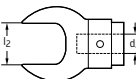
→ Good = ☺

→ Moderate = ☹

Assembly parts

	Type	SDM . 06T204	SDM . 09T308	SDM . 120408
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

	Type	SDM . 06T204	SDM . 09T308	SDM . 120408
	Torque screwdriver, analogue	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)
	Torque wrench	FS1384	FS1385	
	Torque wrench	FS1386	FS1386	FS1386
	Torque wrench head	FS1387	FS1389	FS1391

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P			M			K					N			S		
					HC			HC			HC					DP	HC	HW	HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G
	SDHT06T204-G88	H	4	0.4																	
	SDMT06T204-D51	M	4	0.4	Ⓖ	Ⓖ	Ⓖ	Ⓖ			Ⓖ			Ⓖ	Ⓖ	Ⓖ				Ⓖ	
	SDMT06T204-D57	M	4	0.4	Ⓖ	Ⓖ	Ⓖ	Ⓖ	Ⓖ		Ⓖ		Ⓖ	Ⓖ	Ⓖ	Ⓖ			Ⓖ	Ⓖ	
	SDMT06T204-F57	M	4	0.4	Ⓖ	Ⓖ	Ⓖ	Ⓖ	Ⓖ	Ⓖ	Ⓖ		Ⓖ	Ⓖ	Ⓖ	Ⓖ			Ⓖ	Ⓖ	
	SDMW06T204-A57	M	4	0.4	Ⓖ	Ⓖ	Ⓖ							Ⓖ	Ⓖ	Ⓖ			Ⓖ	Ⓖ	
	SDHT09T308-G88	H	4	0.8													Ⓖ	Ⓖ			
	SDMT09T308-D51	M	4	0.8	Ⓖ	Ⓖ	Ⓖ	Ⓖ						Ⓖ	Ⓖ	Ⓖ				Ⓖ	
	SDMT09T308-D57	M	4	0.8	Ⓖ	Ⓖ	Ⓖ	Ⓖ	Ⓖ		Ⓖ			Ⓖ	Ⓖ	Ⓖ			Ⓖ	Ⓖ	
	SDMT09T308-F57	M	4	0.8	Ⓖ	Ⓖ	Ⓖ	Ⓖ		Ⓖ				Ⓖ	Ⓖ	Ⓖ			Ⓖ	Ⓖ	
	SDMW09T308-A57	M	4	0.8	Ⓖ	Ⓖ	Ⓖ							Ⓖ	Ⓖ	Ⓖ			Ⓖ	Ⓖ	
	SDHT120408-G88	H	4	0.8													Ⓖ	Ⓖ			
	SDMT120408-D51	M	4	0.8	Ⓖ	Ⓖ	Ⓖ	Ⓖ						Ⓖ	Ⓖ	Ⓖ				Ⓖ	
	SDMT120408-D57	M	4	0.8	Ⓖ	Ⓖ	Ⓖ	Ⓖ	Ⓖ				Ⓖ	Ⓖ	Ⓖ	Ⓖ			Ⓖ	Ⓖ	
	SDMT120408-F57	M	4	0.8	Ⓖ	Ⓖ	Ⓖ	Ⓖ	Ⓖ	Ⓖ				Ⓖ	Ⓖ	Ⓖ			Ⓖ	Ⓖ	
	SDMW120408-A57	M	4	0.8	Ⓖ	Ⓖ	Ⓖ							Ⓖ	Ⓖ	Ⓖ			Ⓖ	Ⓖ	
	SDGW120408-A88	G	1	0.8													Ⓖ				

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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

 → Very good =  → Good =  → Moderate = 
   / ★ = New addition to the product range

Profiling cutters

129

D2

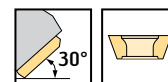
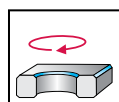
Chamfer milling cutters

M4574

mm

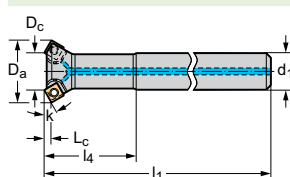


– 4 cutting edges per indexable insert



	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 PCE	kg	No. of inserts PCE	Type
M4574-008-A12-01-03-30	8	18,4	12	30	120	2,7	1	0,1	1	SDM . 06T204
M4574-012-A16-02-03-30	12	22,4	16	40	160	2,7	2	0,23	2	
M4574-016-A16-03-03-30	16	26,4	16	40	160	2,7	3	0,24	3	
M4574-020-A20-02-05-30	20	35,3	20	40	200	4	2	0,48	2	SDM . 09T308

Cylindrical shank

M4574...-30 with $\kappa = 30^\circ$ | Bodies and assembly parts are included in the scope of delivery

D2

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 😊

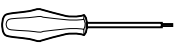
→ Good = 😊

→ Moderate = 😊

Assembly parts

	Type	SDM . 06T204	SDM . 09T308
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm

Accessories

	Type	SDM . 06T204	SDM . 09T308
	Torque screwdriver, analogue	FS2001	FS2003
	Torque screwdriver, digital		FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P			M			K					N		S		
					HC			HC			HC					HC	HW	HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G
	SDHT06T204-G88	H	4	0,4																
	SDMT06T204-D51	M	4	0,4																
	SDMT06T204-D57	M	4	0,4																
	SDMT06T204-F57	M	4	0,4																
	SDMW06T204-A57	M	4	0,4																
	SDHT09T308-G88	H	4	0,8																
	SDMT09T308-D51	M	4	0,8																
	SDMT09T308-D57	M	4	0,8																
	SDMT09T308-F57	M	4	0,8																
	SDMW09T308-A57	M	4	0,8																

HC = Coated carbide
HW = Uncoated carbide

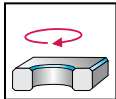
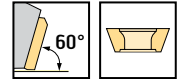
Chamfer milling cutters

M4574

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 PCE	kg	No. of inserts PCE	Type
M4574-008-A12-01-03-60	8	14,3	12	30	120	4,8	1	0,1	1	SDM . 06T204
M4574-012-A16-02-03-60	12	18,3	16	40	160	4,8	2	0,23	2	
M4574-016-A16-03-03-60	16	22,3	16	40	160	4,8	3	0,24	3	
M4574-020-A20-02-05-60	20	29,5	20	40	200	6,8	2	0,46	2	SDM . 09T308

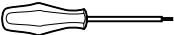
Cylindrical shank

M4574...-60 with $\kappa = 60^\circ$ | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	SDM . 06T204	SDM . 09T308
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0.9 Nm	FS2266 (T10IP) 2 Nm

Accessories

	Type	SDM . 06T204	SDM . 09T308
	Torque screwdriver, analogue	FS2001	FS2003
	Torque screwdriver, digital		FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P				M			K					N		S		
					HC				HC			HC					HC	HW	HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G	WSM45X
	SDHT06T204-G88	H	4	0,4																	
	SDMT06T204-D51	M	4	0,4																	
	SDMT06T204-D57	M	4	0,4																	
	SDMT06T204-F57	M	4	0,4																	
	SDMW06T204-A57	M	4	0,4																	
	SDHT09T308-G88	H	4	0,8																	
	SDMT09T308-D51	M	4	0,8																	
	SDMT09T308-D57	M	4	0,8																	
	SDMT09T308-F57	M	4	0,8																	
	SDMW09T308-A57	M	4	0,8																	

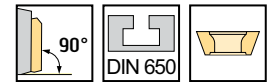
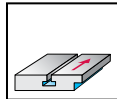
HC = Coated carbide
HW = Uncoated carbide

T-slot milling cutters

M4575 mm

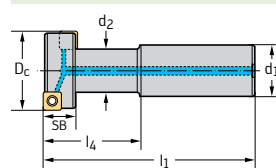


– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4575	●	●	●	●	●		

Tool



DIN 1835 B

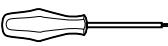
Designation	D _c mm	d ₁ mm	d ₂ mm	l ₄ mm	l ₁ mm	SB mm	Z PCE	kg	No. of inserts PCE	Version
M4575-021-W12-02-09	20,5	12	11	27	73	8,75	2	0,05	2 / 2	SDM . 06T204
M4575-025-W16-02-11	24,5	16	12,1	31	80	10,75	2	0,12	2 / 2	
M4575-032-W20-02-14	31,75	20	17	31	90	13,75	2	0,2	2 / 2	SDM . 09T308
M4575-040-W25-02-17	39,5	25	21	49	106	16,75	2	0,38	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

Assembly parts

	Version	SDM . 06T204	SDM . 09T308	SDM . 120408
	Clamping screw for indexable insert Tightening torque	FS2084 (T7IP) 0,9 Nm	FS2266 (T10IP) 2 Nm	FS1453 (T15IP) 3,5 Nm

Accessories

	Version	SDM . 06T204	SDM . 09T308	SDM . 120408
	Torque screwdriver, analogue	FS2001	FS2003	FS2003
	Torque screwdriver, digital		FS2248	FS2248
	Interchangeable blade	FS2011 (T7IP)	FS2268 (T10IP)	FS2014 (T15IP)
	Screwdriver	FS2088 (T7IP)	FS2267 (T10IP)	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P			M			K					N			S		
					HC			HC			HC					DP	HC	HW	HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WDN20	WXN15	WK10	WSM35G
	SDHT06T204-G88	H	4	0,4																	
	SDMT06T204-D51	M	4	0,4																	
	SDMT06T204-D57	M	4	0,4																	
	SDMT06T204-F57	M	4	0,4																	
	SDMW06T204-A57	M	4	0,4																	
	SDHT09T308-G88	H	4	0,8																	
	SDMT09T308-D51	M	4	0,8																	
	SDMT09T308-D57	M	4	0,8																	
	SDMT09T308-F57	M	4	0,8																	
	SDMW09T308-A57	M	4	0,8																	
	SDHT120408-G88	H	4	0,8																	
	SDMT120408-D51	M	4	0,8																	
	SDMT120408-D57	M	4	0,8																	
	SDMT120408-F57	M	4	0,8																	
	SDMW120408-A57	M	4	0,8																	
	SDGW120408-A88	G	1	0,8																	

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

Heptagon face milling cutters

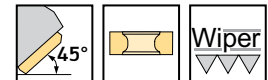
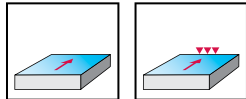
M3024 mm

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 PCE	kg	No. of inserts PCE	Type
 Shell mill mount DIN 138 transverse keyway	M3024-040-B16-03-04	40	49,8	16	40	4	3	0,32	3	XN . U0705 .. XNGX0705ANN
	M3024-050-B22-04-04	50	59,8	22	40	4	4	0,53	4	
	M3024-050-B22-05-04	50	59,8	22	40	4	5	0,46	5	
	M3024-063-B22-05-04	63	72,8	22	40	4	5	0,82	5	
	M3024-063-B22-06-04	63	72,8	22	40	4	6	0,77	6	
	M3024-080-B27-06-04	80	89,8	27	50	4	6	1,46	6	
	M3024-080-B27-07-04	80	89,8	27	50	4	7	1,44	7	
	M3024-100-B32-07-04	100	109,8	32	50	4	7	2,71	7	
	M3024-100-B32-08-04	100	109,8	32	50	4	8	2,66	8	
	M3024-125-B40-08-04	125	134,8	40	63	4	8	3,4	8	
 Shell mill mount DIN 138 transverse keyway	M3024-125-B40-10-04	125	134,8	40	63	4	10	4,28	10	
	M3024-160-B40-09-04	160	169,8	40	63	4	9	6,61	9	XN . U0705 .. XNGX0705ANN
	M3024-160-B40-12-04	160	169,8	40	63	4	12	6,54	12	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good =

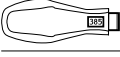
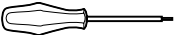
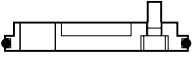
→ Good =

→ Moderate =

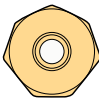
Assembly parts

	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, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Key for shim screw	ISO2936-3,5 (SW 3,5)	ISO2936-3,5 (SW 3,5)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P					M				K					S			H			
					HC					HC				HC					HC			H			
					WH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXM15	WSM35G	WSM45X	WSP45G	WH15X
	XNGU0705ANN-F57	G	14	0,8	1,1	☺	☺	☺	☺		☺		☺					☺	☺	☺		☺		☺	
	XNGX0705ANN-F67	G	2	0,8	5,7	☺				☺				☺	☺	☺						☺			☺
	XNMMU070508-F57	M	14	0,8		☺	☺	☺	☺		☺		☺					☺	☺	☺		☺		☺	
	XNMMU0705ANN-F27	M	14	0,8	1,1	☺	☺	☺	☺		☺		☺				☺	☺	☺	☺				☺	
	XNMMU0705ANN-F57	M	14	0,8	1,1	☺	☺	☺	☺		☺		☺					☺	☺	☺		☺		☺	
	XNMMU0705ANN-F67	M	14	0,8	1,1	☺	☺				☺	☺						☺	☺			☺	☺		

XNGX0705ANN-F67 wiper insert only in combination with XNGU0705ANN . .

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

Heptagon face milling cutters

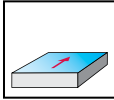
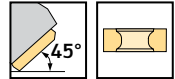
M3024

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 PCE	kg	No. of inserts PCE	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	
	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

Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = 😊

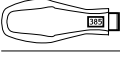
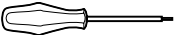
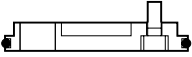
→ Good = 😊

→ Moderate = 😊

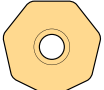
Assembly parts

	D _c [mm]	63–160
	Shim for indexable insert	AP800-XN0906 H81
	Clamping screw for shim	FS2091 (SW 5)
	Clamping screw for indexable insert Tightening torque	FS2112 (T20IP) 5 Nm

Accessories

	D _c [mm]	63–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)
	Key for shim screw	ISO2936-5 (SW 5)	ISO2936-5 (SW 5)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	P				M				K				S				
					HC				HC				HC				HC				
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM35S	WSM45X	WSP45G	WKK25G	WKK25S	WKP25S	WKP35G	WKP35S	WSM35G	WSM35S	WSM45X	WSP45G
					☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	XN MU090612-F57	M	14	1.2	☺	☺	☺	☺					☺			☺	☺				☺
	XN MU0906ANN-F27	M	14	0.8	☺	☺	☺	☺					☺	☺	☺	☺	☺				
	XN MU0906ANN-F57	M	14	0.8	☺	☺	☺	☺	☺	☺		☺			☺	☺	☺	☺	☺		☺
	XN MU0906ANN-F67	M	14	0.8	☺	☺	☺	☺			☺				☺	☺	☺			☺	

HC = Coated carbide

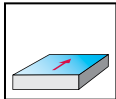
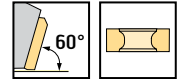
Heavy Duty Face Mill

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 PCE	kg	No. of inserts PCE	Type
	M3016-125-B40-06-16	125	143,6	40	63	16	6	5,15	6	LNMX201012R
	M3016-160-B40-07-16	160	178,6	40	63	16	7	6,38	7	
	M3016-200-B60-09-16	200	218,6	60	63	16	9	11,35	9	LNMX201012R
	M3016-250-B60-11-16	250	268,6	60	63	16	11	16	11	
	M3016-315-B60-13-16	315	333,6	60	80	16	13	32	13	LNMX201012R

Shell mill mount DIN 138 transverse keyway

Shell mill mount DIN 138 transverse keyway

Shell mill mount DIN 138 transverse keyway

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

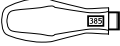
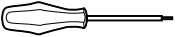
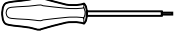
→ Good = ☹

→ Moderate = ☹

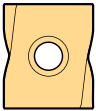
Assembly parts

	D _c [mm]	125–315
	Clamping screw for indexable insert	FS2090 (T20IP)
	Tightening torque	6,4 Nm
	Clamping screw for stop piece	FS2081 (T15IP)
	Tightening torque	4 Nm
	Stop piece	FR753

Accessories

	D _c [mm]	125–315
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for stop piece	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for insert screw	FS2048 (T20IP)
	Screwdriver for indexable insert	FS1486 (T20IP)
	Screwdriver for stop piece	FS1485 (T15IP)

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	P				M		K		S	
				HC				HC		HC		HC	
				WKP25S	WKP35G	WKP35S	WSP45G	WSP45G		WKP25S	WKP35G	WKP35S	WSP45G
	LNMX201012R-F27T	M	4	1.2									
	LNMX201012R-F57T	M	4	1.2									

HC = Coated carbide

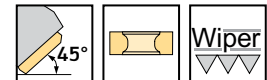
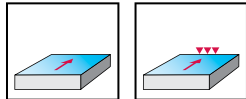
Face milling cutters

F2010

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 PCE	kg	No. of inserts PCE	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
	F2010.B.100.Z07.04.R759M	100	110	32	50	4	7	1,8	7	XN . U0705 .. XNGX0705ANN
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.04.R759M	125	135	40	63	4	8	3,5	8	XN . U0705 .. XNGX0705ANN
	F2010.B.160.Z10.04.R759M	160	170	40	63	4	10	5,5	10	XN . U0705 .. XNGX0705ANN
 Shell mill mount DIN 138 transverse keyway	F2010.B.200.Z12.04.R759M	200	210	60	63	4	12	8,3	12	XN . U0705 .. XNGX0705ANN
	F2010.B.250.Z12.04.R759M	250	260	60	63	4	12	14,7	12	XN . U0705 .. XNGX0705ANN
	F2010.B.250.Z16.04.R759M	250	260	60	63	4	16	16,37	16	XN . U0705 .. XNGX0705ANN
 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	XN . U0705 .. XNGX0705ANN

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

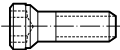
Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

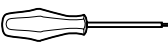
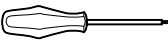
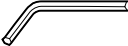
→ Good = ☹

→ Moderate = ☹

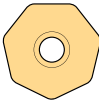
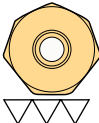
Assembly parts

	D _c [mm]	80–315
	Cartridge for tool body	FR759M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2119 (T15IP) 3 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80–315
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade for insert screw	FS2014 (T15IP)
	Torque T-handle	FS2041
	Interchangeable blade for cartridge	FS2051 (SW 4)
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P						M				K						S			H	
						HC						HC				HC						HC			H	
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXM15	WSM35G	WSM45X	WSP45G	WHH15X
	XNGU0705ANN-F57	G	14	0,8	1,1	☺	☺	☺	☺	☺		☺		☺					☺	☺	☺		☺		☺	
	XNGX0705ANN-F67	G	2	0,8	5,7	☺					☺				☺	☺	☺						☺			☺
	XNMMU070508-F57	M	14	0,8			☺	☺	☺	☺		☺		☺					☺	☺	☺		☺		☺	
	XNMMU0705ANN-F27	M	14	0,8	1,1		☺	☺	☺									☺	☺	☺	☺					
	XNMMU0705ANN-F57	M	14	0,8	1,1		☺	☺	☺	☺		☺		☺					☺	☺	☺		☺		☺	
	XNMMU0705ANN-F67	M	14	0,8	1,1		☺	☺					☺	☺						☺	☺			☺	☺	

XNGX0705ANN-F67 wiper insert only in combination with XNGU0705ANN...

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

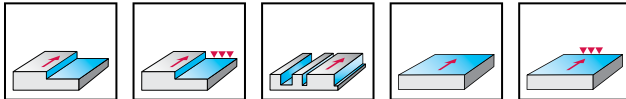
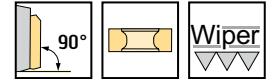
Shoulder milling cutters

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 PCE	kg	No. of inserts PCE	Type
 ScrewFit	F5041.T22.025.Z03.08	25	22	35		8	3	0,11	3	LNH . 0904 .. R
	F5041.T22.025.Z04.08	25	22	35		8	4	0,11	4	
	F5041.T28.032.Z04.08	32	28	40		8	4	0,22	4	
	F5041.T28.032.Z05.08	32	28	40		8	5	0,22	5	
 DIN 1835 B	F5041.W25.025.Z03.08	25	25	43	100	8	3	0,34	3	LNH . 0904 .. R
	F5041.W25.025.Z04.08	25	25	43	100	8	4	0,34	4	
	F5041.W32.032.Z04.08	32	32	49	110	8	4	0,61	4	
	F5041.W32.032.Z05.08	32	32	49	110	8	5	0,61	5	
 Cylindrical shank	F5041.Z25.025.Z03.08	25	25	38	200	8	3	0,74	3	LNH . 0904 .. R
	F5041.Z25.025.Z04.08	25	25	38	200	8	4	0,74	4	
	F5041.Z32.032.Z04.08	32	32	39	250	8	4	1,5	4	
	F5041.Z32.032.Z05.08	32	32	39	250	8	5	1,5	5	
 Shell mill mount DIN 138 transverse keyway	F5041.B16.040.Z04.08	40	16	40		8	4	0,36	4	LNH . 0904 .. R
	F5041.B16.040.Z06.08	40	16	40		8	6	0,36	6	
	F5041.B22.050.Z05.08	50	22	40		8	5	0,49	5	
	F5041.B22.050.Z07.08	50	22	40		8	7	0,51	7	
	F5041.B22.063.Z07.08	63	22	40		8	7	0,75	7	
	F5041.B22.063.Z10.08	63	22	40		8	10	0,75	10	

constructively balanced | Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

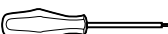
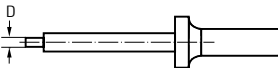
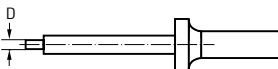
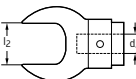
→ Good = ☹

→ Moderate = ☹

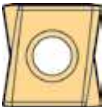
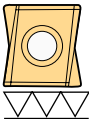
Assembly parts

D _c [mm]	25–63
	Clamping screw for indexable insert Tightening torque FS1457 (T9IP) 2 Nm

Accessories

D _c [mm]	25	32	40–63
	Torque screwdriver, analogue FS2003	FS2003	FS2003
	Torque screwdriver, digital FS2248	FS2248	FS2248
	Interchangeable blade FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)
	Torque wrench FS1385		
	Torque wrench FS1386	FS1386	
	Torque wrench head FS1390	FS1391	

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M		K				N		S		H			
					WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S		WKN15	WK10	WSM35G
	LNHU090404R-L55T	H	4	0,4	1,5	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LNHU090408R-L55T	H	4	0,8	1,1	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LNHU090412R-L55T	H	4	1,2	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LNHU090416R-L55T	H	4	1,6			☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LNHU090420R-L55T	H	4	2			☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LNHU090404R-L65T	H	4	0,4	1,5					☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺
	LNHU090404R-L85T	H	4	0,4	1,5												☺	☺				
LNMU090404R-L55T	M	4	0,4	1,5	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	LNHX0904PDR-L55T	H	2	0,4	3,5	☺						☺	☺									☺

LNHX0904PDR-L55T wiper insert only in combination with LNHU090404R-L55T . .
Do not use the LNHX0904PDR-L55T wiper insert in tools D_c=25 mm.

HC = Coated carbide
HW = Uncoated carbide

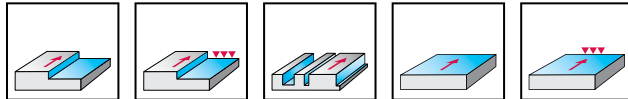
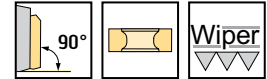
Shoulder milling cutters

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 PCE	kg	No. of inserts PCE	Type
 ScrewFit	F5141.T36.040.Z05.12	40	36	40		12	5	0,36	5	LNH . 1306 .. R
	F5141.T45.050.Z06.12	50	45	40		12	6	0,51	6	
 DIN 1835 B	F5141.W32.040.Z03.12	40	32	49	110	12	3	0,69	3	LNH . 1306 .. R
	F5141.W32.040.Z05.12	40	32	49	110	12	5	0,74	5	
 Cylindrical shank	F5141.Z32.040.Z03.12	40	32	44	250	12	3	1,57	3	LNH . 1306 .. R
 Shell mill mount DIN 138 transverse keyway	F5141.B16.040.Z04.12	40	16	40		12	4	0,33	4	LNH . 1306 .. R
	F5141.B16.040.Z05.12	40	16	40		12	5	0,22	5	
	F5141.B22.050.Z05.12	50	22	40		12	5	0,32	5	
	F5141.B22.050.Z06.12	50	22	40		12	6	0,45	6	
	F5141.B22.063.Z06.12	63	22	40		12	6	0,75	6	
	F5141.B22.063.Z08.12	63	22	40		12	8	0,79	8	
	F5141.B27.080.Z07.12	80	27	50		12	7	1,29	7	
	F5141.B27.080.Z10.12	80	27	50		12	10	1,27	10	
	F5141.B32.100.Z09.12	100	32	50		12	9	2,7	9	
	F5141.B32.100.Z13.12	100	32	50		12	13	2,02	13	
	F5141.B40.125.Z11.12	125	40	63		12	11	3,48	11	
	F5141.B40.125.Z16.12	125	40	63		12	16	4,35	16	

constructively balanced | Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

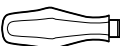
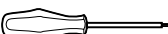
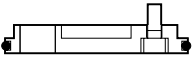
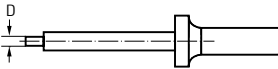
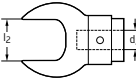
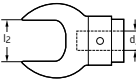
→ Good = ☺

→ Moderate = ☹

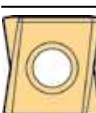
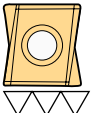
Assembly parts

D _c [mm]	40–160
	FS2081 (T15IP) 4 Nm

Accessories

D _c [mm]	40	50	63–125	160
	FS2003	FS2003	FS2003	FS2003
	FS2248	FS2248	FS2248	FS2248
	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
				FS936 SET KOM- PLETT
	FS1386	FS1386		
				O-R 96X4
	FS1392	FS1393		
		FS1394		

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
	LNHU130608R-L55T	H	4	0.8	2.2	☺	☺	☺	☺	☺					☺	☺	☺	☺	☺			☺			☺	
	LNHU130612R-L55T	H	4	1.2	1.9		☺	☺	☺	☺												☺			☺	
	LNHU130616R-L55T	H	4	1.6	1.5		☺	☺	☺	☺												☺			☺	
	LNHU130620R-L55T	H	4	2	1.2		☺	☺	☺	☺												☺			☺	
	LNHU130625R-L55T	H	4	2.5	0.7		☺	☺	☺	☺												☺			☺	
	LNHU130630R-L55T	H	4	3	2.3		☺	☺	☺	☺												☺			☺	
	LNHU130632R-L55T	H	4	3.2			☺	☺	☺	☺												☺			☺	
	LNHU130608R-L65T	H	4	0.8	2.2				☺																☺	
	LNHU130608R-L85T	H	4	0.8	2.2				☺												☺	☺				
	LNMU130608R-L55T	M	4	0.8	2.2	☺	☺	☺	☺			☺	☺			☺	☺	☺	☺					☺	☺	
	LNHX130608R-L55T	H	4	0.8	2.2	☺				☺				☺	☺	☺				☺						☺
	LNHX1306PDR-L55T	H	2	0.6	5	☺				☺				☺	☺					☺						☺

LNHX130608R-L55T wiper insert only in combination with LNHU130608R-L55T . .
 LNHX1306PDR-L55T wiper insert only in combination with LNHU130608R-L55T . .
 Do not use the LNHX1306..R-L55T wiper insert in tools D_c=40 mm.

HC = Coated carbide
 HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

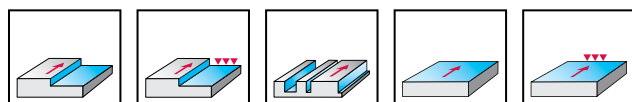
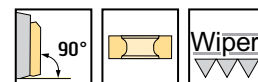
Shoulder milling cutters

F5141

LNH . 1306 .. R
Walter BLAXX

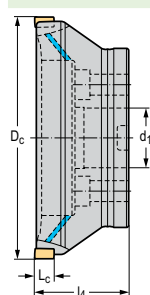


- Tangential arrangement of indexable inserts
- 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
F5141	●	●	●	●	●	●	●

Tool



Designation

F5141.B40.160.Z13.12

D_c
mm

160

d₁
mm

40

l₄
mm

63

l₁
mm

L_c
mm

12

Z
PCE

13

kg

5,38

No. of
inserts
PCE

13

Type

LNH . 1306 .. R

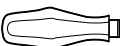
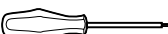
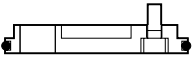
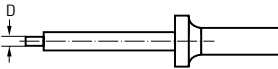
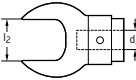
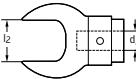
Shell mill mount DIN 138 transverse
keyway

constructively balanced | Bodies and assembly parts are included in the scope of delivery

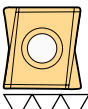
Assembly parts

D _c [mm]	40–160
	FS2081 (T15IP) 4 Nm

Accessories

D _c [mm]	40	50	63–125	160
	FS2003	FS2003	FS2003	FS2003
	FS2248	FS2248	FS2248	FS2248
	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)	FS2014 (T15IP)
	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)	FS1485 (T15IP)
				FS936 SET KOM- PLETT
	FS1386	FS1386		
				O-R 96X4
	FS1392	FS1393		
		FS1394		

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					H				
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXM15	WKN15	WKN10	WSM35G	WSM35S	WSM45X	WSP45G	WHH15X		
	LNHU130608R-L55T	H	4	0.8	2.2	☺	☺	☺	☺	☺	☺	☺			☺		☺	☺	☺	☺	☺	☺				☺			☺			
	LNHU130612R-L55T	H	4	1.2	1.9			☺	☺	☺	☺	☺				☺						☺	☺				☺			☺		
	LNHU130616R-L55T	H	4	1.6	1.5			☺	☺	☺	☺	☺				☺						☺	☺				☺			☺		
	LNHU130620R-L55T	H	4	2	1.2			☺	☺	☺	☺	☺				☺						☺	☺				☺			☺		
	LNHU130625R-L55T	H	4	2.5	0.7			☺	☺	☺	☺	☺	☺									☺	☺				☺			☺		
	LNHU130630R-L55T	H	4	3	2.3			☺	☺	☺	☺	☺	☺									☺	☺				☺	☺		☺		
	LNHU130632R-L55T	H	4	3.2				☺	☺	☺	☺	☺	☺									☺	☺				☺			☺		
	LNHU130608R-L65T	H	4	0.8	2.2						☺					☺							☺							☺		
	LNHU130608R-L85T	H	4	0.8	2.2																				☺	☺						
	LNMU130608R-L55T	M	4	0.8	2.2		☺	☺	☺	☺				☺	☺				☺	☺	☺	☺	☺		☺	☺			☺	☺		
 	LNHX130608R-L55T	H	4	0.8	2.2	☺					☺						☺	☺	☺					☺								☺
	LNHX1306PDR-L55T	H	2	0.6	5	☺					☺							☺	☺	☺					☺							

LNHX130608R-L55T wiper insert only in combination with LNHU130608R-L55T . .
 LNHX1306PDR-L55T wiper insert only in combination with LNHU130608R-L55T . .
 Do not use the LNHX1306..R-L55T wiper insert in tools D_c=40 mm.

HC = Coated carbide
 HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

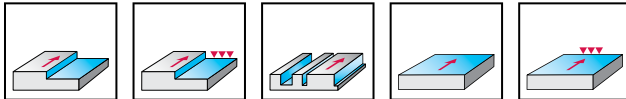
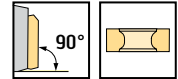
Shoulder milling cutters

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	●	●	●	●	●	●	●

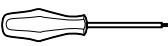
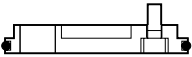
Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 Shell mill mount DIN 138 transverse keyway	F5241.B22.050.Z05.15	50	22	40	15	5	0,3	5	LNHU1607 .. R
	F5241.B22.063.Z06.15	63	22	40	15	6	0,7	6	
	F5241.B27.080.Z07.15	80	27	50	15	7	1,27	7	
	F5241.B32.100.Z08.15	100	32	50	15	8	2,71	8	
	F5241.B40.125.Z10.15	125	40	63	15	10	4,16	10	
 Shell mill mount DIN 138 transverse keyway	F5241.B40.160.Z12.15	160	40	63	15	12	4,94	12	LNHU1607 .. R

constructively balanced | Bodies and assembly parts are included in the scope of delivery

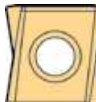
Assembly parts

	D _c [mm]	50	63–160
	Clamping screw for indexable insert Tightening torque	FS1495 (T20IP) 5 Nm	FS2112 (T20IP) 5 Nm

Accessories

	D _c [mm]	50–125	160
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2015 (T20IP)	FS2015 (T20IP)
	Screwdriver	FS1486 (T20IP)	FS1486 (T20IP)
	(incl. gasket + screws) Sealing disc set		FS936 SET KOMPLETT
	Gasket		O-R 96X4

Indexable inserts

Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M		K				S		
					HC				HC		HC				HC		
					WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSP45G	WKK25G	WKP25S	WKP35G	WKP35S	WSM35G	WSP45G	
	LNHU160708R-L55T	H	4	0,8	2,3												
	LNHU160712R-L55T	H	4	1,2	1,9												
	LNHU160716R-L55T	H	4	1,6	1,6												

HC = Coated carbide

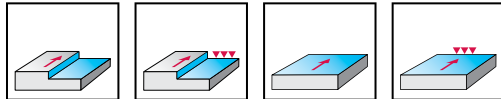
Shoulder milling cutters

F2010

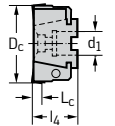
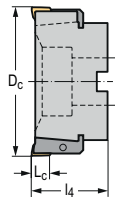
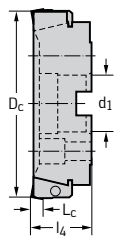
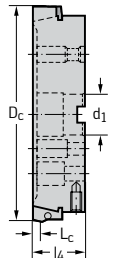
LNH . 0904 .. R



- 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 PCE	kg	No. of inserts PCE	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.08.R751M	80	27	50	8	6	1,2	6	LNH . 0904 .. R
	F2010.B.100.Z07.08.R751M	100	32	50	8	7	1,8	7	LNH . 0904 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.08.R751M	125	40	63	8	8	3,5	8	LNH . 0904 .. R
	F2010.B.160.Z10.08.R751M	160	40	63	8	10	5,65	10	LNH . 0904 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.200.Z12.08.R751M	200	60	63	8	12	9,96	12	LNH . 0904 .. R
	F2010.B.250.Z12.08.R751M	250	60	63	8	12	14,6	12	LNH . 0904 .. R
	F2010.B.250.Z16.08.R751M	250	60	63	8	16	14,5	16	LNH . 0904 .. R
	F2010.B.315.Z14.08.R751M	315	60	80	8	14	26,3	14	LNH . 0904 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z18.08.R751M	315	60	80	8	18	26,2	18	LNH . 0904 .. R

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

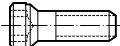
Stability of machine, workpiece and clamping arrangement

→ Very good =

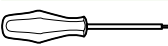
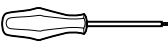
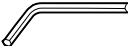
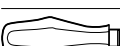
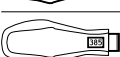
→ Good =

→ Moderate =

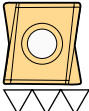
Assembly parts

	D _c [mm]	80–315
	Cartridge for tool body	FR751M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80–315
	Screwdriver for indexable insert	FS1484 (T9IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2013 (T9IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M		K				N		S			H	
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXN15		WK10
	LNHU090404R-L55T	H	4	0,4	1,5		☺	☺	☺	☺	☺		☺	☺	☺	☺			☺		☺	
	LNHU090408R-L55T	H	4	0,8	1,1		☺	☺	☺	☺	☺			☺	☺	☺	☺			☺		☺
	LNHU090412R-L55T	H	4	1,2	0,8			☺	☺	☺	☺					☺	☺			☺		☺
	LNHU090416R-L55T	H	4	1,6				☺	☺	☺	☺					☺	☺			☺		☺
	LNHU090420R-L55T	H	4	2				☺	☺	☺	☺					☺	☺			☺		☺
	LNHU090404R-L65T	H	4	0,4	1,5																	☺
	LNHU090404R-L85T	H	4	0,4	1,5													☺	☺			
	LNMU090404R-L55T	M	4	0,4	1,5		☺	☺	☺	☺		☺	☺							☺	☺	
	LNHX0904PDR-L55T	H	2	0,4	3,5	☺								☺	☺							☺

LNHX0904PDR-L55T wiper insert only in combination with LNHU090404R-L55T . .

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

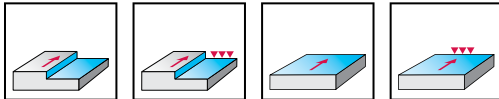
Shoulder milling cutters

F2010 mm

LNH . 1306 .. R



- Adjustable runout
- 4 cutting edges per indexable insert, tangential arrangement



	P	M	K	N	S	H	O
F2010	●	●	●	●	●	●	●

Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 Shell mill mount DIN 138 transverse keyway	F2010.B.080.Z06.12.R752M	80	27	50	12	6	1,22	6	LNH . 1306 .. R
	F2010.B.100.Z07.12.R752M	100	32	50	12	7	1,8	7	LNH . 1306 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.125.Z08.12.R752M	125	40	63	12	8	3,5	8	
	F2010.B.160.Z10.12.R752M	160	40	63	12	10	5,5	10	LNH . 1306 .. R
 Shell mill mount DIN 138 transverse keyway	F2010.B.200.Z12.12.R752M	200	60	63	12	12	9,86	12	
	F2010.B.250.Z12.12.R752M	250	60	63	12	12	16,4	12	
	F2010.B.250.Z16.12.R752M	250	60	63	12	16	14,5	16	
 Shell mill mount DIN 138 transverse keyway	F2010.B.315.Z14.12.R752M	315	60	80	12	14	26,3	14	LNH . 1306 .. R
	F2010.B.315.Z18.12.R752M	315	60	80	12	18	26,2	18	

Bodies and assembly parts are included in the scope of delivery

WALTER SELECT

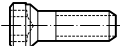
Stability of machine, workpiece and clamping arrangement

→ Very good =

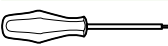
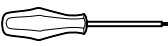
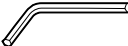
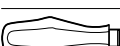
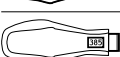
→ Good =

→ Moderate =

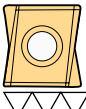
Assembly parts

	D _c [mm]	80–315
	Cartridge for tool body	FR752M
	Clamping screw for cartridge Tightening torque	FS247 (SW 4) 8 Nm
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm
	Adjusting pin	FS303 (T20)

Accessories

	D _c [mm]	80–315
	Screwdriver for indexable insert	FS1485 (T15IP)
	Screwdriver for adjusting pin	FS228 (T20)
	ISO 2936 key for cartridge	ISO2936-4 (SW 4)
	Torque T-handle	FS2041
	Interchangeable blade	FS2051 (SW 4)
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P					M					K					N		S				H	
						HC					HC					HC					HC	HW	HC					H
						WHH15X	WKP25S	WKP35G	WKP35S	WSP45G	WXM15	WSM35G	WSM35S	WSM45X	WSP45G	WXM15	WAK15	WHH15X	WKK25G	WKP25S	WKP35G	WKP35S	WXM15	WXN15	WK10	WSM35G		
	LNHU130608R-L55T	H	4	0.8	2,2	☺	☺	☺	☺	☺	☺			☺	☺	☺	☺	☺	☺			☺			☺		☺	
	LNHU130612R-L55T	H	4	1,2	1,9			☺	☺	☺	☺	☺			☺	☺					☺	☺			☺		☺	
	LNHU130616R-L55T	H	4	1,6	1,5			☺	☺	☺	☺	☺			☺	☺					☺	☺			☺		☺	
	LNHU130620R-L55T	H	4	2	1,2			☺	☺	☺	☺	☺									☺	☺			☺		☺	
	LNHU130625R-L55T	H	4	2,5	0,7			☺	☺	☺	☺	☺	☺								☺	☺			☺		☺	
	LNHU130630R-L55T	H	4	3	2,3			☺	☺	☺	☺	☺									☺	☺	☺			☺		☺
	LNHU130632R-L55T	H	4	3,2				☺	☺	☺	☺	☺									☺	☺			☺		☺	
	LNHU130608R-L65T	H	4	0,8	2,2					☺						☺									☺		☺	
LNHU130608R-L85T	H	4	0,8	2,2																	☺	☺						
LNLMU130608R-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

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

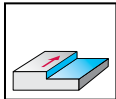
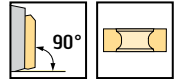
Helical milling cutters

F5038

LNH . 0904 .. R
Walter BLAXX



- Full effective design
- 4 cutting edges per indexable insert, tangential arrangement



	P	M	K	N	S	H	O
F5038	●	●	●	●	●	●	●

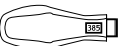
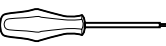
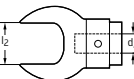
Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	l ₁ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 ScrewFit	F5038.T28.032.Z02.32	32	28	50		32	2	0,24	2 / 6	LNH . 0904 .. R
	F5038.W25.025.Z02.32	25	25	43	100	32	2	0,31	2 / 6	LNH . 0904 .. R
	F5038.W32.032.Z02.40	32	32	50	111	40	2	0,56	2 / 8	
	F5038.W40.040.Z03.40	40	40	54	125	40	3	1	3 / 12	
DIN 1835 B										

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	25–40
	Clamping screw for indexable insert Tightening torque	FS1457 (T9IP) 2 Nm

Accessories

	D _c [mm]	25	32	40
	Torque screwdriver, analogue	FS2003	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248	FS2248
	Interchangeable blade	FS2013 (T9IP)	FS2013 (T9IP)	FS2013 (T9IP)
	Screwdriver	FS1484 (T9IP)	FS1484 (T9IP)	FS1484 (T9IP)
	Coolant nozzle		FS2250 (SW 1,6)	FS2250 (SW 1,6)
	Torque wrench		FS1386	
	Torque wrench head		FS1391	

The FS2250 coolant nozzle must be secured to prevent it from coming loose.

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P			M			K			N		S			
						HC			HC			HC			HC	HW	HC			
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S	WXN15	WK10	WSM35G
	LNHU090404R-L55T	H	4	0,4	1,5	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	LNHU090408R-L55T	H	4	0,8	1,1	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	LNHU090412R-L55T	H	4	1,2	0,8		☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	LNHU090416R-L55T	H	4	1,6			☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	LNHU090420R-L55T	H	4	2			☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	
	LNHU090404R-L65T	H	4	0,4	1,5				☺									☺		
	LNHU090404R-L85T	H	4	0,4	1,5											☺	☺			
	LNMU090404R-L55T	M	4	0,4	1,5	☺	☺	☺	☺		☺	☺	☺	☺	☺	☺			☺	☺

Indexable inserts with $r < 0.4$ mm can only be used as front inserts.

HC = Coated carbide
HW = Uncoated carbide

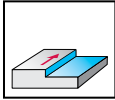
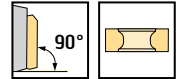
Helical milling cutters

F5138 mm

LNH . 1306 .. R
Walter BLAXX



- Full effective design
- 4 cutting edges per indexable insert, tangential arrangement

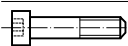


	P	M	K	N	S	H	O
F5138	●	●	●	●	●	●	●

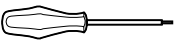
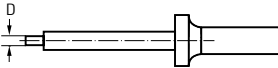
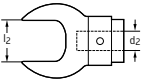
Tool	Designation	D _c mm	d ₁ mm	l ₄ mm	L _c mm	Z PCE	kg	No. of inserts PCE	Type
 ScrewFit	F5138.T36.040.Z02.34	40	36	55	34	2	0,43	2 / 4	LNH . 1306 .. R
 Shell mill mount DIN 138 transverse keyway	F5138.B22.050.Z03.34	50	22	55	34	3	0,55	3 / 6	LNH . 1306 .. R
	F5138.B22.050.Z03.45	50	22	65	45	3	0,57	3 / 9	
	F5138.B27.063.Z04.45	63	27	70	45	4	1,06	4 / 12	
	F5138.B27.063.Z04.56	63	27	80	56	4	1,19	4 / 16	
	F5138.B32.080.Z05.56	80	32	85	56	5	2,23	5 / 20	

For tools with a locating bore, use longer tightening screws in accordance with ISO 4762 – see "Assembly parts and accessories/Miscellaneous" | Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D _c [mm]	40	50	63	80
	Clamping screw for indexable insert Tightening torque	FS2081 (T15IP) 4 Nm	FS2081 (T15IP) 4 Nm	FS2081 (T15IP) 4 Nm	FS2081 (T15IP) 4 Nm
	Clamping screw for arbour-mounted tools		M10X040 ISO4762 12.9 (SW 8)	M12X050 ISO4762 12.9 (SW 10)	M16X065 ISO4762 12.9 (SW 14)

Accessories

	D _c [mm]	40	50-80
	Torque screwdriver, analogue	FS2003	FS2003
	Torque screwdriver, digital	FS2248	FS2248
	Interchangeable blade	FS2014 (T15IP)	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)	FS1485 (T15IP)
	Coolant nozzle	FS2250 (SW 1,6)	FS2250 (SW 1,6)
	Torque wrench	FS1386	
	Torque wrench head	FS1392	

The FS2250 coolant nozzle must be secured to prevent it from coming loose.

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P				M				K				N		S		
						HC				HC				HC				HC	HW	HC		
						WKP25S	WKP35G	WKP35S	WSP45G	WSM35G	WSM45X	WSP45G	WAK15	WKK25G	WKP25S	WKP35G	WKP35S			WXN15	WK10	WSM35G
	LNHU130608R-L55T	H	4	0,8	2,2	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺			☺		☺	
	LNHU130612R-L55T	H	4	1,2	1,9		☺	☺	☺	☺	☺	☺				☺	☺		☺		☺	
	LNHU130616R-L55T	H	4	1,6	1,5		☺	☺	☺	☺	☺	☺				☺	☺		☺		☺	
	LNHU130620R-L55T	H	4	2	1,2		☺	☺	☺	☺	☺	☺				☺	☺		☺		☺	
	LNHU130625R-L55T	H	4	2,5	0,7		☺	☺	☺	☺	☺	☺				☺	☺		☺		☺	
	LNHU130630R-L55T	H	4	3	2,3		☺	☺	☺	☺	☺	☺				☺	☺		☺		☺	
	LNHU130632R-L55T	H	4	3,2			☺	☺	☺	☺	☺	☺				☺	☺		☺		☺	
	LNHU130608R-L65T	H	4	0,8	2,2		☺	☺		☺		☺				☺	☺				☺	
	LNHU130608R-L85T	H	4	0,8	2,2		☺	☺				☺					☺	☺			☺	
	LNMU130608R-L55T	M	4	0,8	2,2	☺	☺	☺	☺		☺	☺		☺	☺	☺	☺	☺		☺	☺	

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = ☺

→ Good = ☺

→ Moderate = ☺

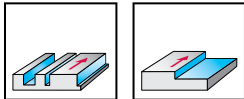
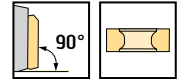
Helical milling cutters

M3255 mm

XNHX1306 .. R
Walter BLAXX

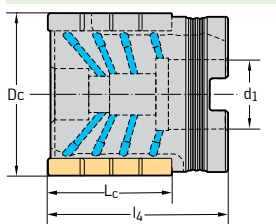


- Full effective design
- 2 or 4 cutting edges per indexable insert, tangential arrangement



	P	M	K	N	S	H	O
M3255		●●			●●		

Tool



Shell mill mount DIN 138 transverse keyway

Designation

D_c
mm

d₁
mm

l₄
mm

L_c
mm

Z
PCE

kg

No. of
inserts
PCE

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

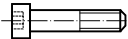
5

1,99

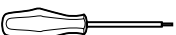
5 / 20

The FS2250 coolant nozzle must be secured to prevent it from coming loose. | Bodies and assembly parts are included in the scope of delivery

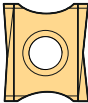
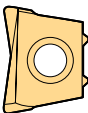
Assembly parts

	D _c [mm]	50	63	80
	Clamping screw for indexable insert Tightening torque	FS2299 (T15IP) 4 Nm	FS2299 (T15IP) 4 Nm	FS2299 (T15IP) 4 Nm
	Clamping screw for arbour-mounted tools	M10X045 ISO4762 12.9 (SW 8)	M12X050 ISO4762 12.9 (SW 10)	M16X060 ISO4762 12.9 (SW 14)
	Coolant nozzle	FS2250 (SW 1,6)	FS2250 (SW 1,6)	FS2250 (SW 1,6)

Accessories

	D _c [mm]	50-80
	Torque screwdriver, analogue	FS2003
	Torque screwdriver, digital	FS2248
	Interchangeable blade	FS2014 (T15IP)
	Screwdriver	FS1485 (T15IP)

Indexable inserts

	Designation	Tolerance class	Number of cutting edges	r mm	b mm	P	M	S
						HC	HC	HC
	LNHX120604R-L65T	H	4	0,4				
	LNHX120604R-L65W	H	4	0,4	1,5			
	XNHX130608R-L65T	H	2	0,8	2			
	XNHX130612R-L65T	H	2	1,2	2			
	XNHX130616R-L65T	H	2	1,6	2			
	XNHX130620R-L65T	H	2	2	2			
	XNHX130624R-L65T	H	2	2,4	2			
	XNHX130630R-L65T	H	2	3	1,4			
	XNHX130632R-L65T	H	2	3,2	1,3			
	XNHX130640R-L65T	H	2	4	0,5			
	XNHX130608R-L65W	H	2	0,8	2			
	XNHX130640R-L65W	H	2	4	0,5			

XNHX1306... indexable inserts can only be used as front inserts.

HC = Coated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = → Good = → Moderate = 

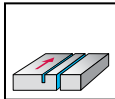
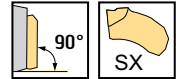
Parting and slitting cutters

F5055 mm

Walter BLAXX



– 1 cutting edge per indexable insert



	P	M	K	N	S	H	O
F5055	●	●	●	●	●		

Tool	Designation	D _c mm	d ₁ mm	d ₆ mm	NB mm	SB mm	a _e mm	Z PCE	No. of inserts	kg	Type
 Shell mill mount DIN 138 longitudinal keyway	F5055.B16.063.Z05.1,5	63	16	16	1,2	1,5	15	5	10	0,04	SX-1E1
	F5055.B16.080.Z07.1,5	80	16	16	1,2	1,5	19	7	14	0,06	
	F5055.B22.100.Z09.1,5	100	22	22	1,2	1,5	25	9	18	0,1	
	F5055.B32.125.Z11.1,5	125	32	32	1,2	1,5	33	11	22	0,15	
	F5055.B16.063.Z05.2,0	63	16	16	1,6	2	15	5	10	0,04	SX-2E2
	F5055.B16.080.Z07.2,0	80	16	16	1,6	2	19	7	14	0,07	
	F5055.B22.100.Z09.2,0	100	22	22	1,6	2	25	9	18	0,11	
	F5055.B32.125.Z11.2,0	125	32	32	1,6	2	33	11	22	0,17	
	F5055.B40.160.Z14.2,0	160	40	40	1,6	2	38	14	28	0,28	SX-3E3
	F5055.B16.063.Z04.3,0	63	16	16	2,4	3	15	4	8	0,06	
	F5055.B16.080.Z06.3,0	80	16	16	2,4	3	19	6	12	0,09	
	F5055.B22.100.Z09.3,0	100	22	22	2,4	3	25	9	18	0,14	
	F5055.B32.125.Z11.3,0	125	32	32	2,4	3	33	11	22	0,23	
	F5055.B40.160.Z14.3,0	160	40	40	2,4	3	38	14	28	0,38	
	F5055.B40.200.Z19.3,0	200	40	40	2,4	3	58	19	38	0,64	
	F5055.B40.250.Z24.3,0	250	40	40	2,4	3	83	24	48	1,07	
	F5055.B16.063.Z04.4,0	63	16	16	3,4	4	15	4	8	0,07	SX-4E4
	F5055.B16.080.Z06.4,0	80	16	16	3,4	4	19	6	12	0,12	
	F5055.B22.100.Z09.4,0	100	22	22	3,4	4	25	9	18	0,18	
	F5055.B32.125.Z11.4,0	125	32	32	3,4	4	33	11	22	0,29	
	F5055.B40.160.Z14.4,0	160	40	40	3,4	4	38	14	28	0,5	
	F5055.B40.200.Z19.4,0	200	40	40	3,4	4	58	19	38	0,84	
	F5055.B40.250.Z24.4,0	250	40	40	3,4	4	83	24	48	1,39	
 Shell mill mount DIN 138 longitudinal keyway	F5055R.B50.500.Z40.5,0	500	40	50		5	120	40	80	8,39	SX-5E5

Values for a_e in combination with drive collar | Use mounting wrench FS1494 or FS2249 to fit the indexable insert

WALTER SELECT

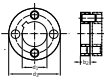
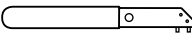
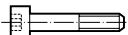
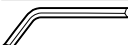
Stability of machine, workpiece and clamping arrangement

→ Very good =

→ Good =

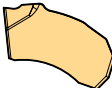
→ Moderate =

Accessories

Dc [mm] SB [mm]	63 1,5-2	63 3-4	80 1,5	80 2	80 3-4	100 1,5	100 2-4	125 1,5	125 2-4	160 2-4	200 3-4	250 3-4	500 5
 Drive collar	FS1346-SET	FS2291-SET	FS1347-SET	FS1347-SET	FS2292-SET	FS1348-SET	FS1348-SET	FS1349-SET	FS1349-SET	FS1350-SET	FS1350-SET	FS1350-SET	
 Mounting wrench	FS2249	FS2249	FS2249	FS1494	FS1494	FS2249	FS1494	FS2249	FS1494	FS1494	FS1494	FS1494	FS1494
 Ergonomic mounting wrench				FS2290 (PINS)	FS2290 (PINS)		FS2290 (PINS)		FS2290 (PINS)	FS2290 (PINS)	FS2290 (PINS)	FS2290 (PINS)	FS2290 (PINS)
 Clamping screw for retaining washer											FS966 (SW 5) 8 Nm	FS966 (SW 5) 8 Nm	
 Retaining washer instead of drive collar											FS1351-SET	FS1352-SET	
 Key for clamping screw											ISO2936-5 (SW 5)	ISO2936-5 (SW 5)	

Clamping screws for retaining washers are included in the scope of delivery.

Cutting inserts

Designation	s mm	r mm	P						M						K	N	S						
			HC						HC						HC	HW	HC						
			WKP23S	WSM23G	WSM23S	WSM33G	WSM33S	WSM43G	WSM43S	WSM23G	WSM23S	WSM33G	WSM33S	WSM43G	WSM43S	WKP23S	WK1	WSM23G	WSM23S	WSM33G	WSM33S	WSM43G	WSM43S
	SX-1E150N01-SK8	1,5	0,1																				
	SX-1E150N01-CE4	1,5	0,15																				
	SX-1E150N01-SF5	1,5	0,15																				
	SX-2E200N02-CE4	2	0,2																				
	SX-2E200N02-CF6	2	0,2																				
	SX-2E200N02-SF5	2	0,2																				
	SX-2E200N02-SK8	2	0,2																				
	SX-3E300N02-CE4	3	0,2																				
	SX-3E300N02-CF6	3	0,2																				
	SX-3E300N02-SF5	3	0,2																				
	SX-3E300N02-SK8	3	0,2																				
	SX-4E400N02-CE4	4	0,2																				
	SX-4E400N02-SF5	4	0,2																				
	SX-4E400N02-SK8	4	0,2																				
	SX-5E500N04-CE4	5	0,4																				
	SX-5E500N04-SF5	5	0,4																				
	SX-5E500N04-SK8	5	0,4																				

HC = Coated carbide
HW = Uncoated carbide

WALTER SELECT

Stability of machine, workpiece and clamping arrangement

→ Very good = → Good = → Moderate = 

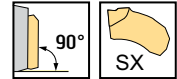
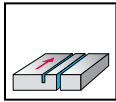
Parting and slitting cutters

F5055 mm

Walter BLAXX

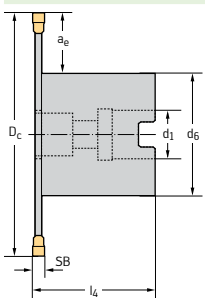


– 1 cutting edge per indexable insert



	P	M	K	N	S	H	O
F5055	●	●	●	●	●	●	●

Tool



Shell mill mount DIN 138 transverse keyway

Designation

D_c
mm

d₁
mm

d₆
mm

l₄
mm

SB
mm

a_e
mm

Z
PCE

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

1,06

F5055.BN40.160.Z14.4,0R

160

40

80

64

4

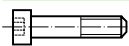
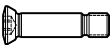
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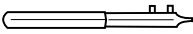
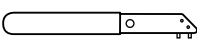
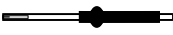
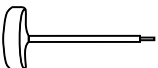
14

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

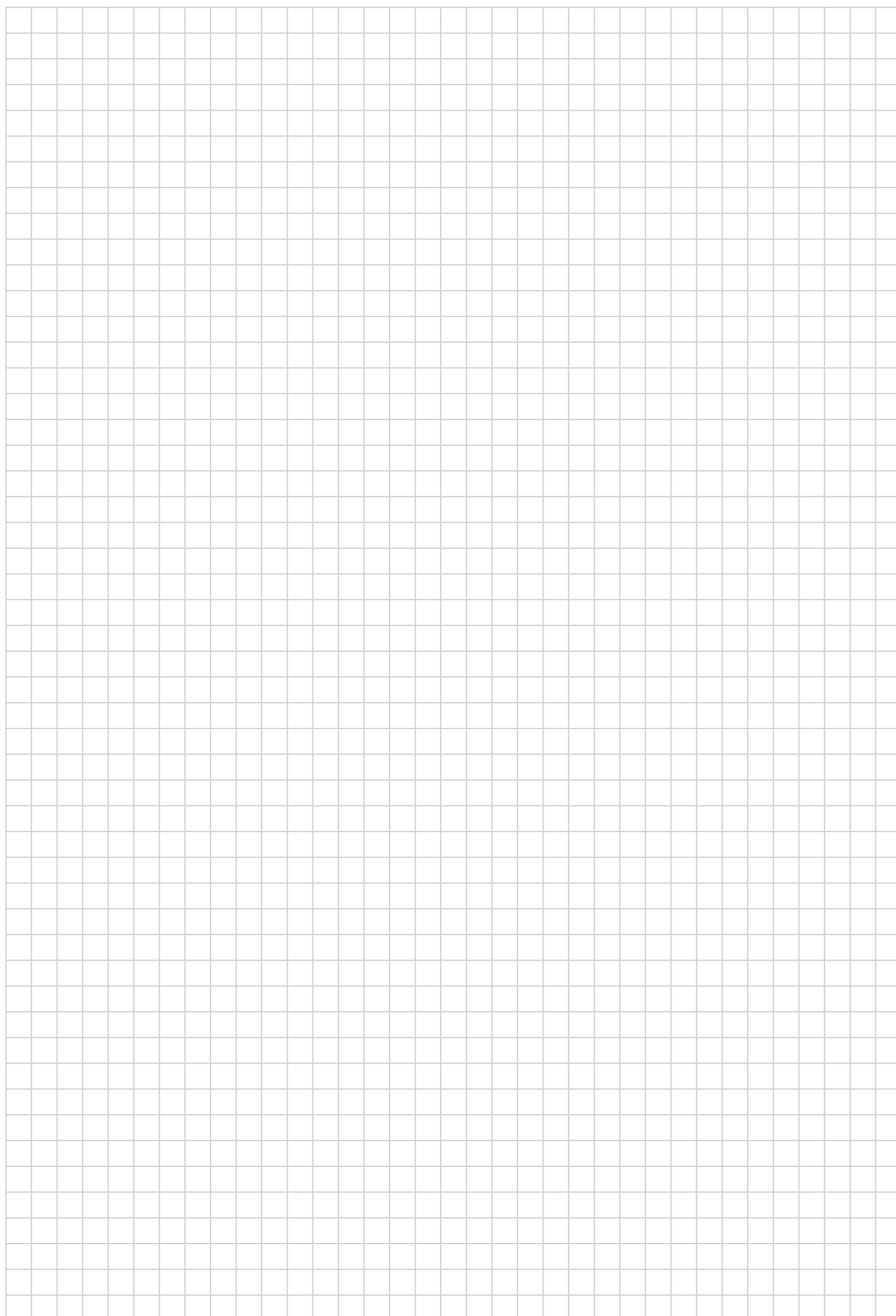
Assembly parts		Dc [mm] SB [mm]	63 3-4	80 3-4	100 3-4	125 3-4	160 3-4
	Clamping screw for adaptor		FS938 (SW 6)	FS938 (SW 6)	FS939 (SW 8)	FS941 (SW 14)	FS942 (SW 17)
	Bore adaptor part		AA704-B16-G16-040-A	AA704-B16-G16-040-B	AA704-B22-G22-040-B	AA704-B32-G32-050-B	AA704-B40-G40-063-B
	Clamping screw for milling cutter Tightening torque		FS2270 (T15IP) 6,5 Nm	FS2270 (T15IP) 6,5 Nm	FS2270 (T15IP) 6,5 Nm	FS2271 (T20IP) 7 Nm	FS2272 (T30) 8 Nm

Accessories		Dc [mm] SB [mm]	63 3-4	80-100 3-4	125 3-4	160 3-4
	Mounting wrench for cutting insert		FS2249	FS1494	FS1494	FS1494
	Ergonomic mounting wrench			FS2290 (PINS)	FS2290 (PINS)	FS2290 (PINS)
	Adaptor clamping screw allen key		ISO2936-6 (SW 6)	ISO2936-6 (SW 6)	ISO2936-6 (SW 6)	ISO2936-6 (SW 6)
	Torque T-handle		FS2041	FS2041	FS2041	FS2041
	Interchangeable blade		FS2047 (T15IP)	FS2047 (T15IP)	FS2048 (T20IP)	FS2046 (T30)
	Screwdriver		FS1485 (T15IP)	FS1485 (T15IP)	FS1486 (T20IP)	FS1175 (T30)

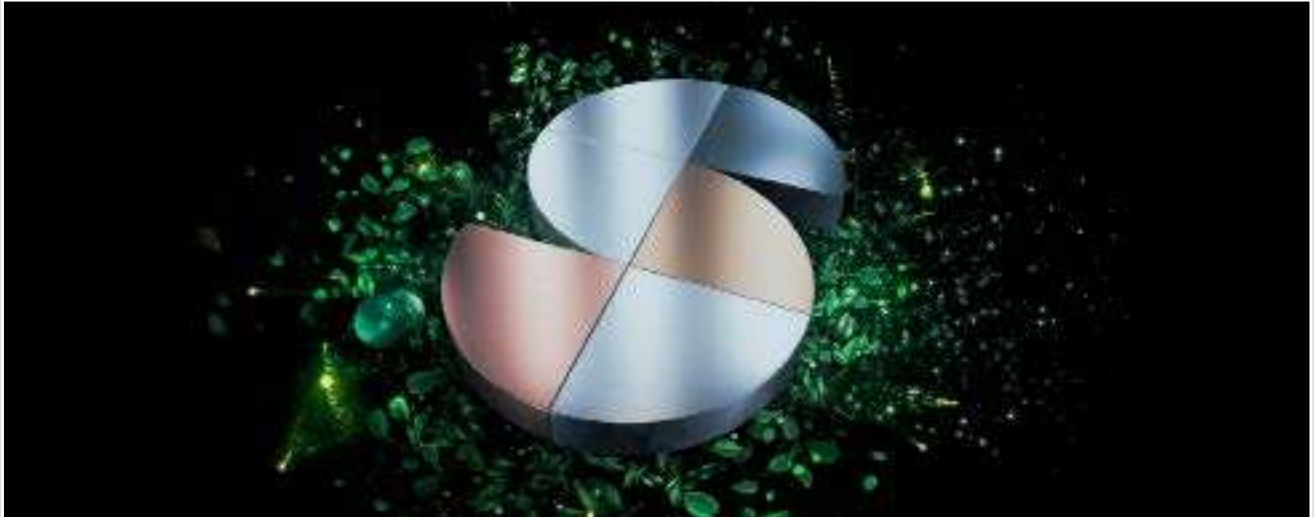
Cutting inserts

	Designation	s mm	r mm	P							M					K	N	S				
				HC							HC					HC	HW	HC				
				WKP23S	WSM23G	WSM23S	WSM33G	WSM33S	WSM43G	WSM43S	WSM23G	WSM23S	WSM33G	WSM33S	WSM43G	WSM43S	WKP23S	WK1	WSM23G	WSM23S	WSM33G	WSM33S
				☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺		☺	☺	☺	☺	☺	☺
	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



Sustainable products and services – certified and transparent

Walter is a company that takes responsibility for people and the environment. Sustainability is a central component of our corporate strategy. It pervades our products and business divisions and is reviewed and certified by independent third parties on a regular basis.

Proven to be produced to high standards

All processes, procedures, methods and instruments that we use are checked and certified by an independent body according to strict criteria. Occupational health and safety, quality assurance and environmentally friendly actions (e.g. through CO₂ compensation of our energy use) are examples of this. Our social commitment shows that Walter has a broader definition of responsibility.

Transparency throughout the entire process chain – for your peace of mind

The integrated management system at Walter includes the sustainable use of resources and production equipment as well as of people – our customers, partners and employees. So that you can count on all of our products meeting these requirements throughout the entire process chain, we apply our own benchmarks to our suppliers too.

Certification

The integrated management system at Walter includes certification in accordance with:

- ISO 9001 (Quality management)
- ISO 14001 (Environmental management)
- ISO 45001 (Occupational health and safety management)
- ISO 50001 (Energy management)
- Certified according to Ecovadis Gold Standard and NQC rating



You can find more information on Walter certification here:



Occupational health and safety

Walter protects its employees against health hazards. To prevent accidents, we continuously review our processes and take proactive measures as a precaution.



Environmental and energy management

Environmental protection is an important company objective for Walter. We use energy efficiently and deploy practical methods to sustainably reduce the consumption of energy, water and resources.



Quality management

Walter is continuously improving its products and processes. We ensure our product quality using effective measures and procedures – and check it on a regular basis with our comprehensive quality management system.

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