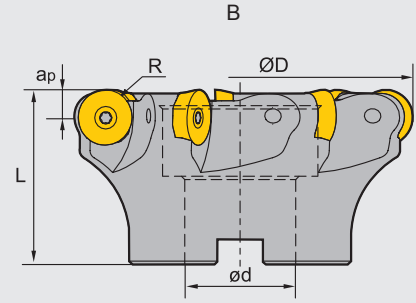
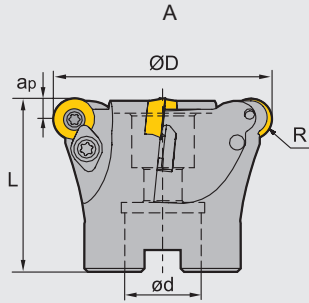


Face Milling Tools · Planfräser



FMR04 P M K








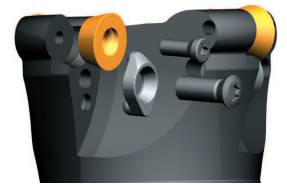
Specification of tools · Werkzeug Beschreibung

Type · Typ	Stock Lager	Dimension (mm) Abmessung					No. of teeth Zähne	Coupling Aufnahme	Weight Gewicht (kg)
		Ø D	Ø D	L	R	apmax			
FMR04									
050-A22-RD12-03	●	50	22	40	6	6	3	A	0.3
063-A22-RD12-04	●	63	22	50	6	6	4	A	0.5
080-B27-RD16-05	●	80	27	50	8	8	5	B	1.2
100-B32-RD16-06	●	100	32	50	8	8	6	B	1.0
125-B40-RD20-06	○	125	40	63	10	10	6	B	1.9
160-B40-RD20-07	○	160	40	63	10	10	7	B	3.7

Inserts · WSP: RDKW1204MO** / RDKW1605MO** / RDKW2006MO

Spare Parts · Ersatzteile

Diameter Durchmesser Ø D	Screw Schraube	Clamp Pratze	Clamp Screw Schraube (Pratze)	Wrench Schlüssel	
					
Ø50-Ø63	I60M3.5×10	WD-204	I60M4×10	WT15IP	--
Ø80 -Ø100	I60M5×13	--	--	--	WT20IT
Ø125 -Ø160	I43M6×16	--	--	--	WT25IT



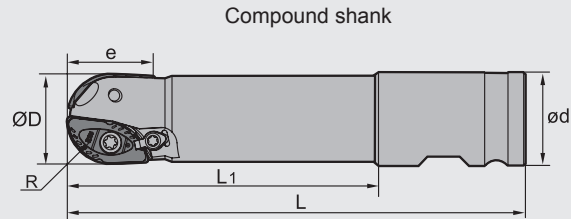
Milling · Fräsen

Indexable Milling Tools · Wendepplattenfräser

Profile milling tools · Profilfräser



BMR03 P M K

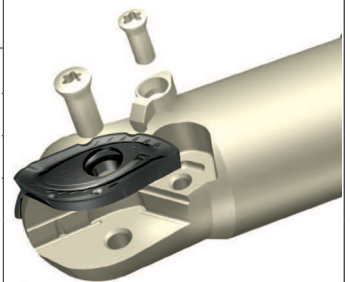


Specification of tools · Werkzeug Beschreibung

Type · Typ	Stock Lager	Dimensions (mm) · Abmessungen							No. of teeth Zähne	Weight Gewicht (kg)	Clamp Prätze
		R	Ø D	ø d	L	L ₁	e				
BMR03	-040-XPX-M	○	20	40	50.8	250	170	40	2	1.3	CBH5R1
	-040-XPX-L	○	20	40	50.8	300	220	40	2	3.1	
	-040-XPX-XL	○	20	40	50.8	350	270	40	2	3.5	
	-050-XPX-M	○	25	50	50.8	250	170	50	2	3.1	
	-050-XPX-L	○	25	50	50.8	300	200	50	2	3.8	
	-050-XPX-XL	○	25	50	50.8	350	270	50	2	4.4	

Spare parts · Ersatzteile


Diameter Durchmesser Ø D	Clamp Prätze	Screw Schraube	Wrench Schlüssel	
Φ16	--	I60M2.5×6.5		WT07P
Φ20	--	I60M3.5×08TT	--	WT10IP
Φ25	--	I60M4×10		WT15S
Φ30	WD-208	I60M5×13	WT20IT	
Φ32	WD-208	I60M5×13		
Φ40	CBH5R1	I43M6×16	WT25IT	--
Φ50	CBH5R1	I43M8×21	WT25IT	
		I43M6×16	WT30IT	



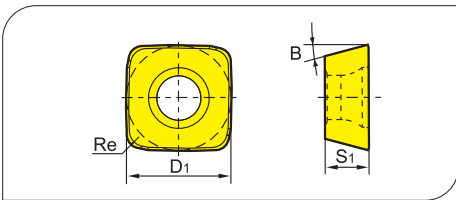
● Ex Stock / ab Lager ○ On demand / auf Anfrage

Spare parts · Ersatzteile

Tool Werkzeug	Insert Screw Schraube	Clamp Screw Schraube	Clamp Pratze	Wrench Schlüssel	
	XMR01**-SD09**	I60M3.5×08TT	I60M4×8.4	WD-204	WT10IP
XMR01**-SD12**	I60M4×8.4		WT15IP		




Applicable inserts · Wendeschneidplatten



- Ideal Machining Condition / Gute Bearbeitungsbedingungen
- Normal Machining Condition / Normale Bearbeitungsbedingungen
- Unfavorable Machining Condition / Ungünstige Bearbeitungsbedingungen

Workpiece Material Werkstoffe	P	M	K	N	S	Steel / Stahl	Stainless Steel / Rostfreier Stahl	Cast iron / Gusseisen	Non-ferrite material / Ne Metalle	Heat-resistant steel / Warmfester Stahl
P	●	●	●	●	●	●	●	●	●	●
M	●	●	●	●	●	●	●	●	●	●
K	●	●	●	●	●	●	●	●	●	●
N	●	●	●	●	●	●	●	●	●	●
S	●	●	●	●	●	●	●	●	●	●

Insert WSP	Type · Typ	Dimensions (mm) · Abmessungen				CVD Coating CVD Beschicht.				PVD Coating PVD Beschicht.				Cermet		Carbide uncoat. unbe. Hartmetall								
		B	Re	S1	D1	YBC301	YBC401	YBM251	YBM351	YBD152	YBD252	YBG102	YBG202	YBG205	YBG302	YBG152	YBG252	YNG151	YNG151C	YC30S	YD051	YD101	YD201	
	SDMT09T312-DM	15°	1.2	3.97	9.525				●	○		●	○											
	SDMT120412-DM	15°	2.0	4.76	12.7				●	○		●	○											

Applicable tool **B9-B15**
Werkzeug

Tools code key **B22-B23**
Werkzeug ISO

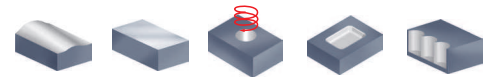
Grade selection guide **B16-B20**
Sortenauswahl

Technical data **B183-B188**
Technische Daten

Milling · Fräsen

Indexable Milling Tools · Wendepplattenfräser

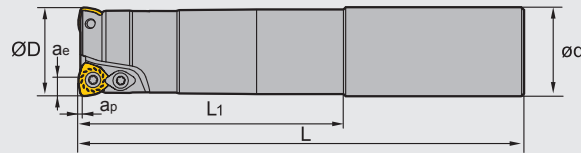
High feed milling cutters · Hochvorschubschafffräser



XMR01 P M K



W type insert, straight shank
W Typ WSP, Zylinder Schaft







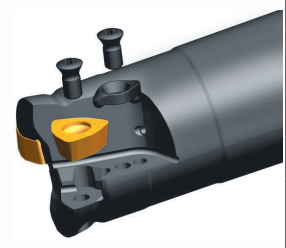
Specification of tools · Werkzeug Beschreibung

Type · Typ	Stock Lager	Dimensions (mm) · Abmessungen							No. of teeth Zähne	Weight Gewicht (kg)
		Ø D	a _p	a _e	L ₁	L	ø d			
XMR01 -020-G20-WP05-02-M	●	20	1.5	3.8	50	130	20	2	0.2	
-020-G20-WP05-02-L	●	20	1.5	3.8	100	180	20	2	0.3	
-020-G20-WP05-02-XL	○	20	1.5	3.8	130	250	20	2	0.8	
-025-G25-WP06-02-M	●	25	1.5	4.35	60	140	25	2	0.4	
-025-G25-WP06-02-L	●	25	1.5	4.35	120	200	25	2	0.6	
-025-G25-WP06-02-XL	○	25	1.5	4.35	180	300	25	2	1.0	
-032-G32-WP06-03-M	●	32	1.5	4.35	70	150	32	3	0.8	
-032-G32-WP06-03-L	●	32	1.5	4.35	120	200	32	3	1.0	
-032-G32-WP06-03-XL	○	32	1.5	4.35	180	300	32	3	1.6	
-040-G32-WP06-03-M	○	40	1.5	4.35	50	150	32	3	0.9	
-040-G32-WP06-03-L	○	40	1.5	4.35	50	250	32	3	1.5	
-040-G32-WP06-03-XL	○	40	1.5	4.35	50	300	32	3	1.8	
-040-G32-WP08-02-M	○	40	1.5	5.66	50	150	32	2	0.9	
-040-G32-WP08-02-L	○	40	1.5	5.66	50	250	32	2	1.5	
-040-G32-WP08-02-XL	○	40	1.5	5.66	50	300	32	2	1.9	
-050-G32-WP09-02-M	○	50	3.0	6.8	50	150	32	2	1.9	
-050-G32-WP09-02-L	○	50	3.0	6.8	50	250	32	2	2.5	

● Ex Stock / ab Lager ○ On demand / auf Anfrage

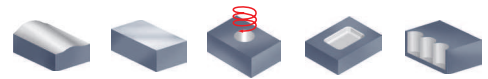
Spare parts · Ersatzteile

Tool Werkzeug	Clamp/Insert Screw Schraube	Clamp Pratze	Wrench Schlüssel	
				
XMR01**-WP05**	I60M3.5×08TT	—	WT10P	—
XMR01**-WP06**	I60M4×8.4	—	WT15P	—
XMR01**-WP08**	I60M5×13	WD-208	—	WT20IT
XMR01**-WP09**			—	



● Ex Stock / ab Lager ○ On demand / auf Anfrage

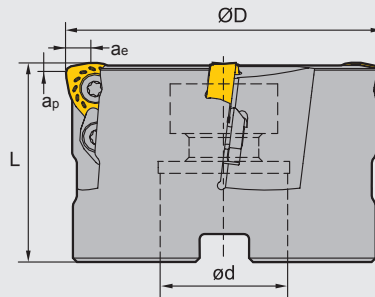
High feed milling cutters · Hochvorschubfräser



XMR01 P M K







W type insert, Arbor mounting
W Typ WSP, Aufsteckfräser

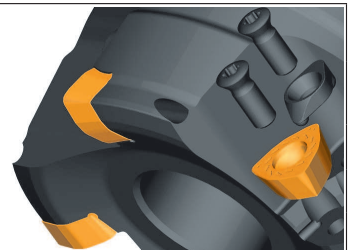


■ Specification of tools · Werkzeug Beschreibung

Type · Typ	Stock Lager	Dimensions (mm) · Abmessungen					No. of teeth Zähne	Inserts WSP	Weight Gewicht (kg)	
		Ø D	ap	ae	L	ø d				
XMR01	-050-A22-WP06-04	●	50	1.5	4.35	50	22	4	A	0.4
	-050-A22-WP08-03	○	50	1.5	5.66	50	22	3	A	0.4
	-063-A22-WP08-04	●	63	1.5	5.66	50	22	4	A	0.7
	-063-A27-WP08-04	●	63	1.5	5.66	50	27	4	A	0.7
	-080-A27-WP08-05	●	80	1.5	5.66	63	27	5	A	1.5
	-100-B32-WP08-06	○	100	1.5	5.66	63	32	6	B	2.2
	-125-B40-WP08-07	●	125	1.5	5.66	63	40	7	B	3.5
	-160-B40-WP08-08	○	160	1.5	5.66	63	40	8	B	6.0
	-063-A22-WP09-03	○	63	3.0	6.8	50	22	3	A	0.7
	-080-A27-WP09-04	○	80	3.0	6.8	63	27	4	A	1.4
	-100-B32-WP09-05	○	100	3.0	6.8	63	32	5	B	2.1
	-125-B40-WP09-06	○	125	3.0	6.8	63	40	6	B	3.7
	-160-B40-WP09-07	●	160	3.0	6.8	63	40	7	B	6.3

■ Spare parts · Ersatzteile

Tool Werkzeug	Clamp / Insert Screw Pratte / WSP Schraube	Clamp Pratte	Wrench Schlüssel	
				
XMR01**-WP06**	I60M4×8.4	--	WT15S	--
XMR01**-WP08**	I60M5×13	WD-208	--	WT20IT
XMR01**-WP09**	I60M5×13	WD-208	--	



Applicable tool **B9-B15**
Werkzeug

Tools code key **B22-B23**
Werkzeug ISO

Grade selection guide **B16-B20**
Sortenauswahl

Technical data **B183-B188**
Technische Daten