

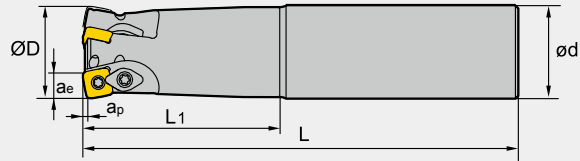
High feed milling cutters



XMR01 P M K



S-type insert, straight shank



Specification of tools

Type	Stock	Basic dimensions(mm)						Number of teeth Z	Weight (kg)
		ØD	ap	ae	L1	L	ød		
XMR01 -020-G20-SD06-02	▲	20	0.8	5.8	50	130	20	2	0.26
-025-G25-SD06-03	▲	25	0.8	5.8	60	140	25	3	0.46
-025-G25-SD09-02	▲	25	1.4	8.8	60	140	25	2	0.5
-032-G32-SD09-03	▲	32	1.4	8.8	70	150	32	3	0.8
-035-G32-SD09-03	▲	35	1.4	8.8	70	150	32	3	0.8
-032-G32-SD12-02	▲	32	1.8	11.7	70	150	32	2	0.8
-040-G40-SD12-03	▲	40	1.8	11.7	70	150	40	3	1.3
-040-G40-SD15-02	▲	40	2.2	14	70	200	40	2	1.6

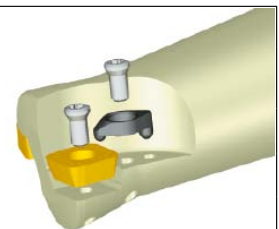
▲Stock available △Make-to-order

Indexable milling tools

High feed milling cutters

Spare parts

Tool type	Screw	Clamp Screw	Clamp	Wrench	
	XMR01□□-SD06□□				
XMR01□□-SD06□□	I60M2.2×5.5	--	--	WT07IP	--
XMR01□□-SD09□□	I60M3.5×08TT	I60M4×8.4	WD-204	WT10IP	WT15IP
XMR01□□-SD12□□	I60M4×8.4			WT15IP	
XMR01□□-SD15□□	I60M5×13		WD-208	WT20IP	--

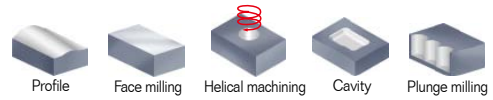


Tools code key → B22-B23

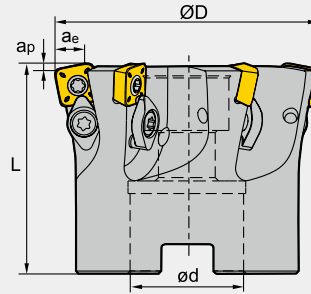
Grade selection guide → B18-B21

Technical data → B192-B198

High feed milling cutters



XMR01 **P** **M** **K**



Specification of tools

Type	Stock	Basic dimensions(mm)					Number of teeth Z	Type of coupling	Weight (kg)
		ØD	ap	ae	L	ød			
XMR01 -050-A22-SD06-07	▲	50	0.8	5.8	40	22	7	A	0.36
-063-A22-SD06-10	▲	63	0.8	5.8	40	22	10	A	0.53
-063-A27-SD06-10	▲	63	0.8	5.8	50	27	10	A	0.57
-050-A22-SD09-04	▲	50	1.4	8.8	40	22	4	A	0.3
-063-A22-SD09-06	▲	63	1.4	8.8	40	22	6	A	0.5
-063-A27-SD09-06	▲	63	1.4	8.8	50	27	6	A	0.6
-063-A22-SD12-05	▲	63	1.8	11.7	40	22	5	A	0.5
-063-A27-SD12-05	▲	63	1.8	11.7	50	27	5	A	0.6
-080-A27-SD12-05	▲	80	1.8	11.7	50	27	5	A	0.9
-100-B32-SD12-06	▲	100	1.8	11.7	50	32	6	B	1.8
-080-A27-SD15-05	▲	80	2.2	14	50	27	5	A	0.78
-080-A32-SD15-05	▲	80	2.2	14	50	32	5	A	0.72
-100-B32-SD15-07	▲	100	2.2	14	50	32	7	B	1.2
-125-B40-SD15-09	▲	125	2.2	14	63	40	9	B	2.9
-160-B40-SD15-12	▲	160	2.2	14	63	40	12	B	4.4

▲Stock available △Make-to-order

Indexable milling tools

High feed milling cutters

Spare parts

Tool type	Screw	Clamp Screw	Clamp	Wrench	
XMR01□□-SD06□□	I60M2.2×5.5	--	--	WT07IP	--
XMR01□□-SD09□□	I60M3.5×08TT	I60M4×8.4	WD-204	WT10IP	WT15IP
XMR01□□-SD12□□	I60M4×8.4			WT15IP	
XMR01□□-SD15□□	I60M5×13		WD-208	WT20IP	--



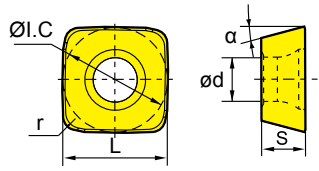
Tools code key
B22-B23

Grade selection guide
B18-B21

Technical data
B192-B198

B MILLING Indexable Milling Tools

Selection of inserts



😊 Good working condition 😐 Normal working condition ☹️ Bad working condition

Workpiece material	Steel	Stainless steel	Cast iron	Non-ferrous metal	Heat resistant alloy, Ti alloy
P	😊😊😊😊😊😊	😊😊😊😊😊😊	😊😊😊😊😊😊	😊😊😊😊😊😊	😊😊😊😊😊😊
M	😊😊😊😊😊😊	😊😊😊😊😊😊	😊😊😊😊😊😊	😊😊😊😊😊😊	😊😊😊😊😊😊
K	😊😊😊😊😊😊	😊😊😊😊😊😊	😊😊😊😊😊😊	😊😊😊😊😊😊	😊😊😊😊😊😊
N	😊😊😊😊😊😊	😊😊😊😊😊😊	😊😊😊😊😊😊	😊😊😊😊😊😊	😊😊😊😊😊😊
S	😊😊😊😊😊😊	😊😊😊😊😊😊	😊😊😊😊😊😊	😊😊😊😊😊😊	😊😊😊😊😊😊

Insert shape	Type	Basic dimensions(mm)						CVD Coating						PVD Coating				Cermet	Cemented carbide								
		ØI.C	L	r	S	ød	α	YBC301	YBC302	YBM251	YBM253	YBM351	YBD152	YBD252	YBG102	YBG202	YBG205	YBG302	YBG152	YBG252	YNG151	YNG151C	YC30S	YD051	YD101	YD201	
DM	SDMT06T208-DM	6.35	6.35	0.8	2.58	2.5	15°	★					★				○										
	SDMT09T312-DM	9.525	9.525	1.2	3.97	4.0	15°	★					★				○										
	SDMT120412-DM	12.7	12.7	2.0	4.76	4.4	15°	★					★				○										
	SDMT150520-DM	15.875	15.875	2.0	5.56	5.5	15°	★					★				○										
PM	SDMT06T208-PM	6.35	6.35	0.8	2.58	2.5	15°	★									●										
	SDMT09T312-PM	9.525	9.525	1.2	3.97	4.0	15°	★									●										
	SDMT120412-PM	12.7	12.7	2.0	4.76	4.4	15°	★									●										
	SDMT150520-PM	15.875	15.875	2.0	5.56	5.5	15°	★									●										

★ Recommended grade (always stock available) ● Available grade (always stock available) ○ Make-to-order

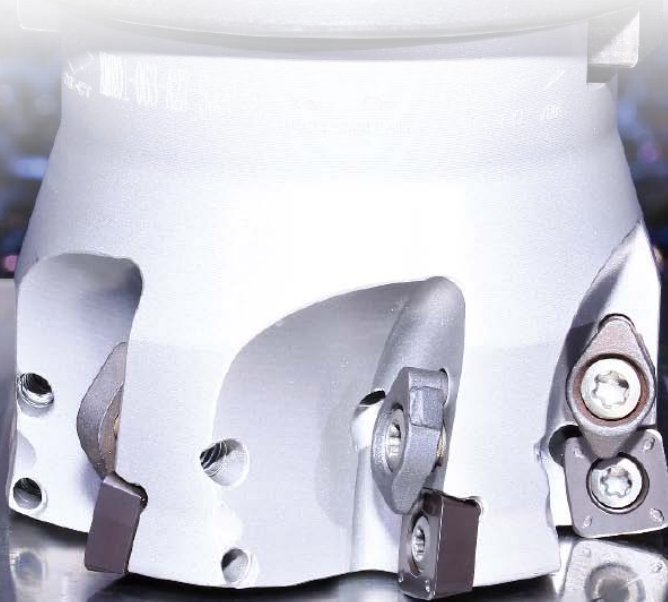
Chipbreaker introduction:

-PM chipbreaker has sharp cutting edge, it is more suitable for machining with power shortage and for relatively adhesive materials, such as stainless steel and Ti alloy, etc.

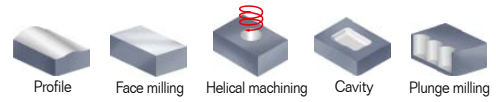
-DM chipbreaker has blunt cutting edge and is relatively suitable for machining of hard materials such as hardened steel and cast iron, etc.

Indexable milling tools

High feed milling cutters



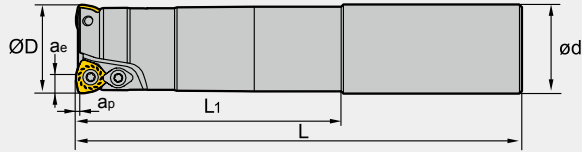
High feed milling cutters



XMR01 **P** **M** **K**



W-type insert, straight shank



Specification of tools

Type	Stock	Basic dimensions(mm)						Number of teeth Z	Weight (kg)
		ØD	ap	ae	L1	L	ød		
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

▲Stock available △Make-to-order

Indexable milling tools

High feed milling cutters

Spare parts

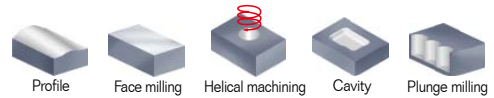
Tool type	Clamp/Insert screw	Clamp	Wrench	
XMR01□□-WP05□□	I60M3.5×08TT	--	WT10P	
XMR01□□-WP06□□	I60M4×8.4	--	WT15P	
XMR01□□-WP08□□	I60M5×13	WD-208	--	
XMR01□□-WP09□□			WT20IT	

Tools code key **B22-B23**

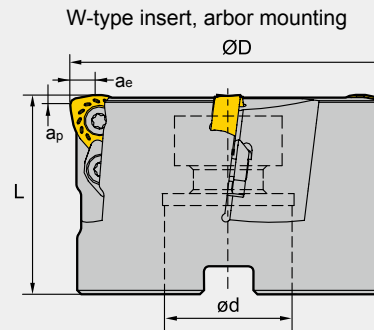
Grade selection guide **B18-B21**

Technical data **B192-B198**

High feed milling cutters



XMR01 P M K




Specification of tools

Type	Stock	Basic dimensions(mm)					Number of teeth Z	Type of coupling	Weight (kg)
		ØD	ap	ae	L	ød			
XMR01 -050-A22-WP06-04	△	50	1.5	4.35	40	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

▲Stock available △Make-to-order

Spare parts

Tool type	Clamp/Insert screw	Clamp	Wrench	
XMR01□□-WP06□□	I60M4×8.4	--	WT15S	--
XMR01□□-WP08□□	I60M5×13	WD-208	--	WT20IT
XMR01□□-WP09□□	I60M5×13	WD-208	--	



Tools code key
B22-B23

Grade selection guide
B18-B21

Technical data
B192-B198