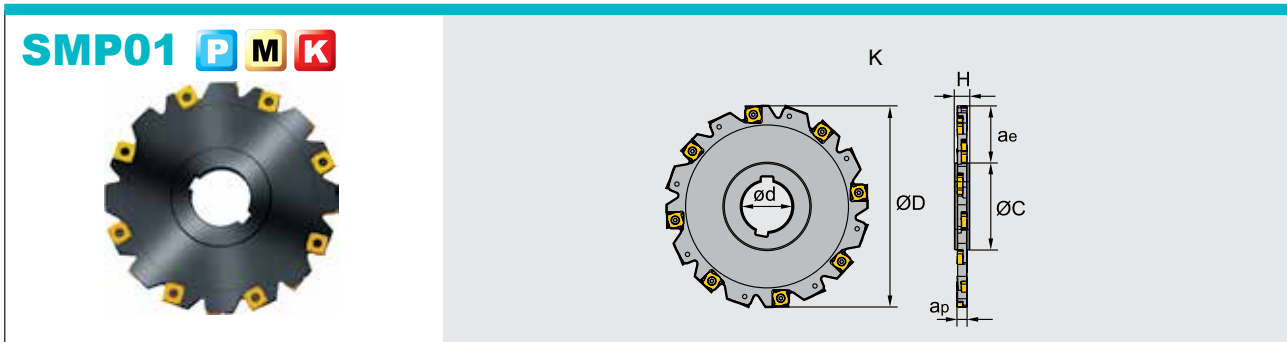


Side and face milling tools · Scheibenfräser



Specification of tools · Werkzeug Beschreibung

Type Typ	Stock Lager	Dimensions (mm) Abmessungen						Inserts WSP	No. of teeth Zähne	Coupling Aufnahme	Weight Gewicht (kg)	
		Ø D	ø d	ø c	H	ap	ae _{max}					
SMP01 SMP01 Mounting by keyway	-100×4-K27-SN12-10	○	100	27	45	12	4	25	XSEQ1202	10	K	0.2
	-125×4-K40-SN12-12	○	125	40	56	12	4	32		12	K	0.3
	-160×4-K40-SN12-16	●	160	40	67	12	4	44		16	K	0.5
Mit Passfeder	-100×5-K27-SN12-10	●	100	27	45	12	5	25	XSEQ1203	10	K	0.2
	-125×5-K40-SN12-12	○	125	40	56	12	5	32		12	K	0.3
	-160×5-K40-SN12-16	●	160	40	67	12	5	44	XSEQ12T3	16	K	0.6
	-100×6-K27-SN12-10	○	100	27	45	12	6	25		10	K	0.3
	-125×6-K40-SN12-12	●	125	40	56	12	6	32	XSEQ12T3	12	K	0.4
	-160×6-K40-SN12-16	●	160	40	67	12	6	44		16	K	0.7
	-200×6-K50-SN12-18	●	200	50	71	12	6	62	XSEQ12T3	18	K	1.1
	-250×6-K50-SN12-24	●	250	50	71	12	6	87		24	K	1.7
	-100×7-K27-SN12-10	●	100	27	45	12	7	25	XSEQ1204	10	K	0.3
	-125×7-K40-SN12-12	●	125	40	56	12	7	32		12	K	0.4
	-160×7-K40-SN12-16	●	160	40	67	12	7	44		16	K	0.8
	-200×7-K50-SN12-18	●	200	50	71	12	7	62		18	K	1.2
	-250×7-K50-SN12-24	○	250	50	71	12	7	87	XSEQ12T4	24	K	1.9
	-100×8-K27-SN12-10	●	100	27	45	12	8	25		10	K	0.3
	-125×8-K40-SN12-12	●	125	40	56	12	8	32	XSEQ12T4	12	K	0.5
	-160×8-K40-SN12-16	○	160	40	67	12	8	44		16	K	0.9
-200×8-K50-SN12-18	●	200	50	71	12	8	62	18		K	1.4	
-250×8-K50-SN12-24	●	250	50	71	12	8	87	24		K	2.2	

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

Applicable tool
Werkzeug **B11-B18**

Tools code key
Werkzeug ISO **B26-B27**

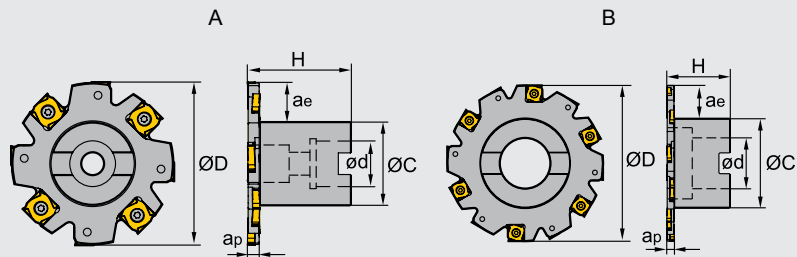
Grade selection guide
Sortenauswahl **B19-B23**

Technical data
Technische Daten **B215-B220**

Side and face milling tools · Scheibenfräser



SMP01 P M K






Specification of tools · Werkzeug Beschreibung

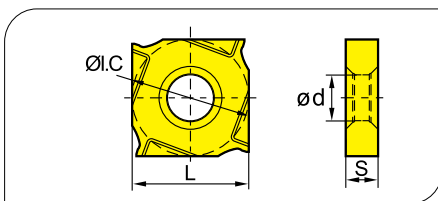
Type Typ	Stock Lager		Dimensions (mm) Abmessungen							Inserts WSP	No. of teeth Zähne	Coupling Aufnahme	Weight Gewicht (kg)
	R	L	Ø D	ø d	ø c	H	ap	aemax					
SMP01 Arbor mounting	-063×4-A22-SN12-06	●	○	63	22	32	40	4	14	XSEQ1202	6	A	0.2
	-080×4-A22-SN12-08	●	○	80	22	40	40	4	18		8	A	0.4
	-100×4-A27-SN12-10	●	○	100	27	48	50	4	23		10	A	0.6
Arbor Aufnahme	-063×5-A22-SN12-06	○	○	63	22	32	40	5	14	XSEQ1203	6	A	0.2
	-080×5-A22-SN12-08	●	○	80	22	40	40	5	18		8	A	0.4
	-100×5-A27-SN12-10	●	○	100	27	48	50	5	23		10	A	0.7
	-063×6-A22-SN12-06	○	○	63	22	32	40	6	14	XSEQ12T3	6	A	0.2
	-080×6-A22-SN12-08	●	○	80	22	40	40	6	18		8	A	0.5
	-100×6-A27-SN12-10	●	○	100	27	48	50	6	23		10	A	0.7
	-125×6-B40-SN12-12	○	○	125	40	70	50	6	30		12	B	1.0
	-160×6-B40-SN12-16	○	○	160	40	70	60	6	41		16	B	1.3
	-063×7-A22-SN12-06	○	○	63	22	32	40	7	14		XSEQ1204	6	A
-080×7-A22-SN12-08	○	○	80	22	40	40	7	18	8	A		0.5	
-100×7-A27-SN12-10	○	○	100	27	48	50	7	23	10	A		0.7	
	-125×7-B40-SN12-12	○	○	125	40	70	50	7	30		12	B	1.1
	-160×7-B40-SN12-16	○	○	160	40	70	60	7	41		16	B	1.4
	-063×8-A22-SN12-06	○	○	63	22	32	40	8	14		XSEQ12T4	6	A
-080×8-A22-SN12-08	●	○	80	22	40	40	8	18	8	A		0.5	
-100×8-A27-SN12-10	●	○	100	27	48	50	8	23	10	A		0.8	
	-125×8-B40-SN12-12	●	○	125	40	70	50	8	30		12	B	1.1
	-160×8-B40-SN12-16	○	○	160	40	70	60	8	41		16	B	1.5




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

Spare parts - Ersatzteile


Diameter Durchmesser Ø D	Cutting width Schnittbreite a _p	Screw Schraube	Wrench Schlüssel	
				
Ø63-Ø160	4	I91M4×3.2X	WT10S	
Ø63-Ø160	5	I91M4×4.2X		
Ø63-Ø250	6	I91M4×5.1X		
Ø63-Ø250	7	I91M4×6.1X		
Ø63-Ø250	8	I91M4×7.1X		

Applicable inserts - Wendeschneidplatten



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

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

Insert WSP	Type Typ	Dimensions (mm) Abmessungen				CVD Coating CVD Beschicht.				PVD Coating PVD Beschicht.				Cermet Cermet	Carbide uncoat. unbe. Hartmetall											
		I.C	L	S	d	YBC301	YBC302	YBC401	YBM251	YBM253	YBM351	YBD152	YBD252		YBG102	YBG202	YBG205	YBG302	YBG152	YBG252	YNG151	YNG151C	YC30S	YD101	YD201	
	XSEQ1202	12.7	12.7	2.3	5.0																					
	XSEQ1203	12.7	12.7	3.0	5.0		•										•									
	XSEQ12T3	12.7	12.7	3.5	5.0		•																		○	
	XSEQ1204	12.7	12.7	4.0	5.0																					
	XSEQ12T4	12.7	12.7	4.5	5.0																					

Recommended Cutting data - Schnittdaten

	Workpiece material Werkstückstoff	Hardness HB Härte	Grade Sorte	Cutting data Schnittdaten	
				V(m/min)	f(mm/z)
P	Low-carbon steel Soft steel Niedriglegierter Kohlenstoffstahl Baustahl	≤180	YBG202	180 (100-250)	0.1(0.08-0.25)
			YBG302	150 (100-200)	0.15(0.1-0.3)
	High-carbon steel Alloy steel Hochleg. Kohlenstoffstahl Leg. Stahl	180-280	YBG202	150 (80-250)	0.1(0.08-0.25)
			YBG302	120 (80-200)	0.15(0.1-0.3)
M	Stainless steel Rostfreier Stahl	≤270	YBG202	120 (80-250)	0.1(0.05-0.15)
			YBG302	100 (80-200)	0.08(0.05-0.15)
K	Cast iron Gusseisen	180-250	YBG152	120 (80-250)	0.1(0.05-0.15)
			YBG302	150 (100-250)	0.08(0.05-0.15)

Applicable tool
Werkzeug **B11-B18**

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