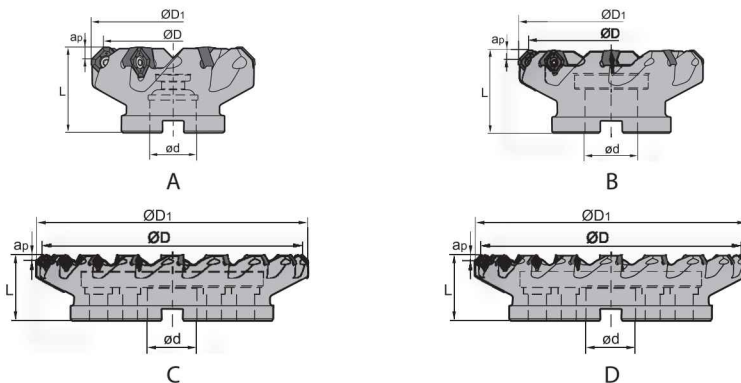
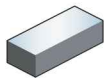


Face milling

FMA11 Kr: 45°



Article	*	Stock	Dimensions [mm]					Teeth	Coupling	kg	Inserts
			ØD	ØD ₁	ød	L	a _{p max}				
FMA11-063-A22-SN12-05C	*	●	63	74.47	22	40	5.5	5	A	0.55	SNEG1205
FMA11-063-A22-SN12-06C	*	●	63	74.47	22	40	5.5	6	A	0.58	
FMA11-080-A27-SN12-06C	*	●	80	91.47	27	50	5.5	6	A	1.14	
FMA11-100-B32-SN12-07		●	100	111.47	32	50	5.5	7	B	1.42	
FMA11-100-B32-SN12-07C	*	○	100	111.47	32	50	5.5	7	B	1.42	
FMA11-100-B32-SN12-10C	*	●	100	111.47	32	50	5.5	10	B	1.42	
FMA11-125-B40-SN12-08		●	125	136.47	40	63	5.5	8	B	2.86	
FMA11-125-B40-SN12-08C	*	○	125	136.47	40	63	5.5	8	B	2.86	
FMA11-125-B40-SN12-12C	*	●	125	136.47	40	63	5.5	12	B	2.86	
FMA11-160-C40-SN12-10		●	160	171.47	40	63	5.5	10	C	4.06	
FMA11-160-C40-SN12-15		●	160	171.47	40	63	5.5	15	C	4.06	
FMA11-200-C60-SN12-14		●	200	212.08	60	63	5.5	14	C	6.89	
FMA11-063-A22-SN15-05C	*	●	63	77.4	22	40	7	5	A	0.56	SNEG1506
FMA11-080-A27-SN15-06C	*	●	80	94.4	27	50	7	6	A	1.06	
FMA11-100-B32-SN15-07		●	100	114.4	32	50	7	7	B	1.47	
FMA11-100-B32-SN15-07C	*	○	100	114.4	32	50	7	7	B	1.47	
FMA11-100-B32-SN15-09C	*	●	100	114.4	32	50	7	9	B	1.47	
FMA11-125-B40-SN15-08		●	125	139.4	40	63	7	8	B	2.7	
FMA11-125-B40-SN15-08C	*	○	125	139.4	40	63	7	8	B	2.7	
FMA11-125-B40-SN15-10C	*	●	125	140.25	40	63	7	10	B	3.1	
FMA11-160-C40-SN15-10		●	160	174.4	40	63	7	10	C	3.92	
FMA11-160-C40-SN15-13		●	160	175.25	40	63	7	13	C	4.14	
FMA11-200-C60-SN15-12		●	200	214.4	60	63	7	12	C	5.46	
FMA11-250-C60-SN15-14		●	250	264.4	60	63	7	14	C	11.26	
FMA11-315-D60-SN15-18		○	315	329.4	60	80	7	18	D	20	
FMA11-125-B40-SN19-07		●	125	142.63	40	63	9	7	B	3	SNEG1907
FMA11-125-B40-SN19-07C	*	●	125	142.63	40	63	9	7	B	3	
FMA11-160-C40-SN19-09		●	160	167.63	40	63	9	9	C	4.25	
FMA11-200-C60-SN19-11		●	200	217.63	60	63	9	11	C	6.18	

● Ex stock ○ On demand

* With internal cooling

System code > B26

Grade selection > B24




Technical info > B527


Cutting data > B230

Article	* Stock	Dimensions [mm]					Teeth	Coupling	kg	Inserts
		ØD	ØD ₁	ød	L	a _{p max}				
FMA11-250-C60-SN19-13	●	250	267.63	60	63	9	13	C	11.55	SNEG1907
FMA11-315-D60-SN19-16	○	315	332.63	60	80	9	16	D	20.9	




● Ex stock ○ On demand

* With internal cooling




Spare parts				
	Insert	SNEG1205	SNEG1506	SNEG1907
	ØD	63-200	63-315	125-315
	Screw (insert)	I60M3.5x10 (2.7 Nm)	I60M5x13 (6.7 Nm)	I43M6x16 (9.1 Nm)
	Wrench (insert)	WT15IS		
	Wrench (insert)		WT20IT	WT25IT



SNEG	L	I.C	S	d
12 05	7.6	12	4.76	4.6
15 06	9.4	15	5.6	5.5
19 07	12.1	19	7	7.2

-  Ideal machining conditions
-  Normal machining conditions
-  Unfavourable machining conditions

Milling inserts

SN** negative insert				HC ¹ (CVD)					HC ¹ (PVD)					HT	HC ²	HW							
		P	M	K	N	S	H																
		YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG202	YBG212	YBS203	YBG205	YB9320	YBG302	YBS303	YBG252	YNG151	YNG151C	YD101	YD201
	SNEG1506ANR-E	0.9	1.3											●									
	SNEG1205ANR-GM	0.8	1.05	●	●	●									●								
	SNEG1506ANR-GM	0.9	1.3	●	●	●								●									

● Ex stock ○ On demand

HC¹ Coated carbide
 HT Uncoated cermet
 HC² Coated cermet
 HW Uncoated carbide

System code > B26

Grade selection > B24

Technical info > B527

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A

Turning

B

Milling

C

Drilling

D

Technical Information

E

Index

- Ideal machining conditions
- ⊗ Normal machining conditions
- ⊗ Unfavourable machining conditions

SNEG	L	I.C	S	d
12 05	7.6	12	4.76	4.6
15 06	9.4	15	5.6	5.5
19 07	12.1	19	7	7.2

Milling inserts

SN** negative insert		HC ¹ (CVD)						HC ¹ (PVD)					HT	HC ²	HW										
	P	●	●	●	●	●	●	●	●	●	●	●	●	●											
	M	●	●	●	●	●		●	●	●	●	●	●	●											
	K					●	●	●							●										
	N							●							●										
	S			●	●			●	●	●	●	●	●												
	H																								
ISO		r	bs	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG202	YBG212	YBS203	YBG205	YB9320	YBG302	YBS303	YBG252	YNG151	YNG151C	YD101	YD201
	SNEG1205ANR-GR	0.8	1.05	●			●									○				○					
	SNEG1506ANR-GR	0.9	1.3	●		●										○					○				
	SNEG1907ANR-GR	1	1.67	●		●			●	●															
	SNEG1506ANR-HGR															○									

● Ex stock ○ On demand

- HC¹ Coated carbide
- HT Uncoated cermet
- HC² Coated cermet
- HW Uncoated carbide

- Ideal machining conditions
- ⊗ Normal machining conditions
- ⊗ Unfavourable machining conditions

SNEG	L	I.C	S	d
12 05	12	12	4.76	4.6

Milling inserts

SN** negative insert		HC ¹ (CVD)						HC ¹ (PVD)					HT	HC ²	HW										
	P	●	●	●	●	●	●	●	●	●	●	●	●	●											
	M	●	●	●	●	●		●	●	●	●	●	●	●											
	K					●	●	●							●										
	N							●							●										
	S			●	●			●	●	●	●	●	●												
	H																								
ISO		r1	r2	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG202	YBG212	YBS203	YBG205	YB9320	YBG302	YBS303	YBG252	YNG151	YNG151C	YD101	YD201
	SNEG1205ANR-W	0.6	0.8													●									

● Ex stock ○ On demand

- HC¹ Coated carbide
- HT Uncoated cermet
- HC² Coated cermet
- HW Uncoated carbide

System code > B26

Grade selection > B24

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