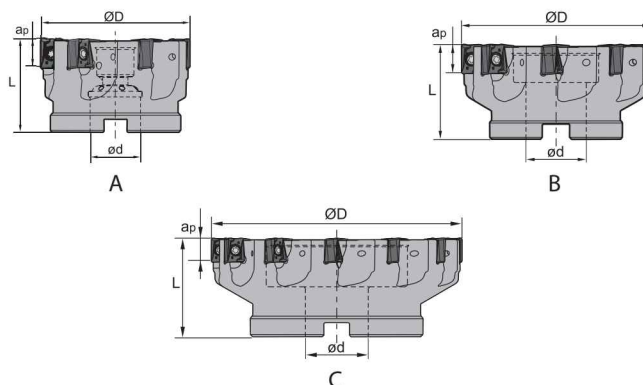
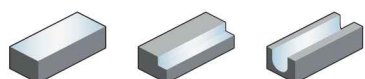


Square shoulder milling

EMP13 Kr: 90°



Article	*	Stock	Dimensions [mm]				Teeth	Coupling	kg	Inserts	
			ØD	ød	L	ap max					
EMP13-040-A16-AN11-04C	*	○	40	16	40	11.2	4	A	0.45	ANGX1105	
EMP13-050-A22-AN11-06C	*	●	50	22	40	11.2	6	A	0.3		
EMP13-063-A22-AN11-06	*	○	63	22	40	11.2	6	A	0.49		
EMP13-063-A22-AN11-07C	*	●	63	22	40	11.2	7	A	0.49		
EMP13-080-A27-AN11-07	*	○	80	27	50	11.2	7	A	1.18		
EMP13-080-A27-AN11-09C	*	●	80	27	50	11.2	9	A	1.18		
EMP13-100-B32-AN11-12		●	100	32	50	11.2	12	B	1.46		
EMP13-100-B32-AN11-12C	*	○	100	32	50	11.2	12	B	1.46		
EMP13-125-B40-AN11-14		●	125	40	63	11.2	14	B	2.92		
EMP13-125-B40-AN11-14C	*	○	125	40	63	11.2	14	B	2.92		
EMP13-160-C40-AN11-16		●	160	40	63	11.2	16	C	4.3		
EMP13-050-A22-AN15-04C	*	●	50	22	40	14.5	4	A	0.26		ANGX1506
EMP13-060-A22-AN15-05C	*	○	60	22	40	14.5	5	A	0.53		
EMP13-063-A22-AN15-05C	*	●	63	22	40	14.5	5	A	0.53		
EMP13-080-A27-AN15-06C	*	●	80	27	50	14.5	6	A	1.23		
EMP13-100-B32-AN15-08		●	100	32	50	14.5	8	B	1.52		
EMP13-100-B32-AN15-08C	*	○	100	32	50	14.5	8	B	1.52		
EMP13-125-B40-AN15-10		●	125	40	63	14.5	10	B	3.05		
EMP13-125-B40-AN15-10C	*	○	125	40	63	14.5	10	B	3.05		
EMP13-160-C40-AN15-12		●	160	40	63	14.5	12	C	4.46		
EMP13-200-C60-AN15-16		○	200	60	63	14.5	16	C	6.26		

● Ex stock ○ On demand

* With internal cooling

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Grade selection > B24

Technical info > B527

Cutting data > B230




Indexable milling Square shoulder milling

A

Turning

Spare parts			
Insert	ANGX1105	ANGX1506	
ØD	40-160	50-200	
	Screw (clamp)		I60M4×12 (3.4Nm)
	Screw (insert)	I60M3×9 (1.8 Nm)	I60M4×12 (3.4 Nm)
	Wrench		WT15IS
	Wrench (insert)	WT09IS	WT15IS



B

Milling

Milling inserts

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

ANGX	L	S	d
11 05	11.85	5.7	3.5
15 06	15.43	7.3	4.4

C

Drilling

AN** milling insert		HC ¹ (CVD)						HC ¹ (PVD)						HT	HC ²	HW									
ISO	W	r	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG202	YBG212	YBS203	YBG205	YB9320	YBG302	YBS303	YBG252	YNG151	YNG151C	YD101	YD201	
				ANGX110504PNR-GM	8.4	0.4			●		●								●	●					
	ANGX110508PNR-GM	8.4	0.8	●		●		●	●							●	●								
	ANGX110520PNR-GM	8.4	2			●				●						●									
	ANGX150608PNR-GM	11	0.8	○		●		●	●							●	●								
	ANGX150616PNR-GM	11	1.6			●		●								●									
	ANGX150620PNR-GM	11	2					●	●							●									
	ANGX110504PNR-LH	8.4	0.4																					●	
	ANGX150608PNR-LH	11	0.8																					●	

● Ex stock ○ On demand

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

D

Technical Information

E

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