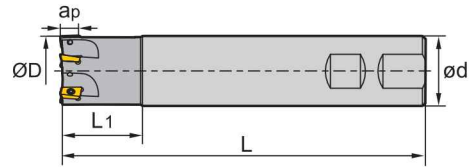


Square shoulder milling

EMP01 Kr: 90°



Weldon shank

Article	*	Stock	Dimensions [mm]					Teeth	kg	Inserts
			ØD	ød	L ₁	L	a _{p max}			
EMP01-020-XP20-AP07-05C	*	●	20	20	30	100	6.4	5	0.31	APKT0702
EMP01-025-XP25-AP07-07C	*	●	25	25	35	115	6.4	7	0.61	
EMP01-012-XP16-AP11-01		●	12	16	25	85	10.5	1	0.1	APKT11T3
EMP01-012-XP16-AP11-01C	*	○	12	16	25	85	10.5	1	0.1	
EMP01-016-XP16-AP11-02		●	16	16	25	90	10.5	2	0.1	
EMP01-016-XP16-AP11-02C	*	○	16	16	25	90	10.5	2	0.1	
EMP01-020-XP20-AP11-02		●	20	20	30	100	10.5	2	0.2	
EMP01-020-XP20-AP11-02C	*	○	20	20	30	100	10.5	2	0.2	
EMP01-020-XP20-AP11-03		●	20	20	30	100	10.5	3	0.2	
EMP01-020-XP20-AP11-03C	*	●	20	20	30	100	10.5	3	0.2	
EMP01-025-XP25-AP11-03		●	25	25	35	115	10.5	3	0.4	
EMP01-025-XP25-AP11-03C	*	●	25	25	35	115	10.5	3	0.4	
EMP01-025-XP25-AP11-04		●	25	25	35	115	10.5	4	0.4	
EMP01-025-XP25-AP11-04C	*	○	25	25	35	115	10.5	4	0.4	
EMP01-032-XP32-AP11-04		●	32	32	40	125	10.5	4	0.7	APKT1604
EMP01-032-XP32-AP11-04C	*	○	32	32	40	125	10.5	4	0.7	
EMP01-025-XP25-AP16-02		●	25	25	35	115	15.5	2	0.4	
EMP01-025-XP25-AP16-02C	*	○	25	25	35	115	15.5	2	0.4	
EMP01-032-XP32-AP16-03		●	32	32	40	125	15.5	3	0.7	
EMP01-032-XP32-AP16-03C	*	○	32	32	40	125	15.5	3	0.7	
EMP01-040-XP32-AP16-04		●	40	32	42	130	15.5	4	0.8	
EMP01-040-XP32-AP16-04C	*	○	40	32	42	130	15.5	4	0.8	
EMP01-050-XP32-AP16-05		●	50	32	45	135	15.5	5	1	
EMP01-063-XP32-AP16-06		○	63	32	45	135	15.5	6	1.4	

● Ex stock ○ On demand

* With internal cooling


System code > B26

Grade selection > B24

Technical info > B527

Cutting data > B230

Spare parts				
	Insert	APKT0702	APKT11T3	APKT1604
	ØD	12-25	12-32	25-63
	Screw (insert)	I60M1.8x4 (0.5 Nm)		I60M4x8.4 (3.4 Nm)
	Screw (insert)		I60M2.5x6.5T (1.0Nm)	
	Wrench (insert)	WT05IP	WT08IP	
	Wrench (insert)			WT15S



Milling inserts

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

APKT	L	S	d
07 02	4.26	2.38	2
11 T3	12.24	3.6	2.8
16 04	17.877	5.76	4.4

AP** milling insert		HC ¹ (CVD)						HC ¹ (PVD)					HT	HC ²	HW										
		P	M	K	N	S	H																		
ISO	r	I.W	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG202	YBG212	YBS203	YBG205	YB9320	YBG302	YBS303	YBG252	YNG151	YNG151C	YD101	YD201	
	APKT11T304-ALH	0.4	6.5								●													●	●
	APKT11T308-ALH	0.8	6.5								●													●	●
	APKT160408-ALH	0.8	9.33								●													●	●
	APKT11T304-APF	0.4	6.5													●									
	APKT11T308-APF	0.8	6.5													○	●	○							
	APKT160408-APF	0.8	9.33													○	●	○	○						
	APKT070204-APM	0.4	6.91														●								
	APKT11T304-APM	0.4	6.5			●		●									●								
	APKT11T308-APM	0.8	6.5			●		●					○			●		○							
	APKT11T312-APM	1.2	6.5			●		●								●									
	APKT11T316-APM	1.6	6.5			●		●								●									
	APKT11T320-APM	2	6.5			●		●								●									
	APKT160408-APM	0.8	9.33			●		●	●				○			●		○							
	APKT160416-APM	1.6	9.33			●		●								●									
	APKT160420-APM	2	9.33			●		●								●									
	APKT160424-APM	2.4	9.33			●		●								●									
	APKT160430-APM	3	9.33			●										●									
	APKT11T304-LH	0.4	6.5																					○	○
	APKT11T308-LH	0.8	6.5																					○	●
	APKT160408-LH	0.8	9.33																					○	○

● Ex stock ○ On demand

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

Indexable milling Square shoulder milling

A

Turning

B

Milling

C

Drilling

D

Technical Information






E

Index

APKT	L	S	d
07 02	4.26	2.38	2
11 T3	12.24	3.6	2.8
16 04	17.877	5.76	4.4

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

Milling inserts

AP** milling insert				HC ¹ (CVD)							HC ¹ (PVD)					HT	HC ²	HW										
				P	M	K	N	S	H																			
ISO				r	I.W	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG202	YBG212	YBS203	YBG205	YB9320	YBG302	YBS303	YBG252	YNG151	YNG151C	YD101	YD201	
	APKT11T308-NM																											
	APKT11T312-NM																											
	APKT11T304-PF			0.4	6.5	○		○						○	○													
	APKT11T308-PF			0.8	6.5										○													
	APKT11T316-PF			1.6	6.5										○													
	APKT160408-PF			0.8	9.33	○		○							○													
	APKT160430-PF			3	9.33	○																						
	APKT11T304-PM			0.4	6.5	○	○	○	○	○	○			○	○													
	APKT11T308-PM			0.8	6.5	○	○		○	○	●	○	○	○	○				○									
	APKT11T312-PM			1.2	6.5				○					○	○													
	APKT11T316-PM			1.6	6.5				○					○	○													
	APKT160408-PM			0.8	9.33	○	○	○	●	●	○	○		○	○				○			●						
	APKT160416-PM			1.6	9.33	○									○													
	APKT11T304-PR			0.4	6.5																							
	APKT11T316-PR			1.6	6.5																							
	APKT11T3XR													●														

● 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

Cutting data > B230

