

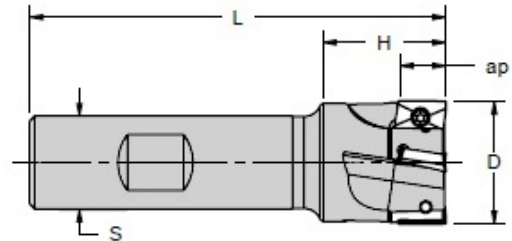
SQUARE SHOULDER - S7



Z Series



- High-performance square shoulder milling with APKT inserts
- Hardened S7 tool steel bodies for extreme durability
- XL versions for extra reach and deep pocketing
- ZHM versions have helical flutes for heavy axial depths of cut
- Two indexes per insert
- Cutter bodies made in the USA



Cut Dia. D	Part Number	Dimensions (inches)			Max. DOC ap	No. of Inserts	Insert	Standard Components
		S	L	H				Screw
0.625	ZEM-050	0.625	3.25	1.03	0.38	2	APKT-1003	M25T6S217
0.750	ZEM-070	0.750	3.38	1.03	0.38	2		
0.750	ZEM-080	0.750	3.38	1.03	0.38	3		
0.880	ZEM-090	0.750	3.38	1.03	0.38	3		
1.000	ZEM-100	1.000	3.78	1.03	0.38	3		
1.000	ZEM-110	0.750	3.38	1.03	0.38	4		
1.125	ZEM-120	1.000	3.60	1.04	0.38	4		
1.250	ZEM-130	1.000	3.74	1.19	0.38	5		
1.500	ZEM-140	1.000	4.00	1.25	0.38	6		
EXTENDED LENGTH								
1.000	ZEM-310XL	1.000	5.51	3.23	0.38	3	APKT-1003	M25T6S217
1.250	ZEM-320XL	1.250	6.25	3.97	0.38	4		
1.500	ZEM-330XL	1.500	7.75	5.00	0.38	5		
HELICAL FLUTE								
0.750	ZHM-410	0.750	3.50	1.46	1.15	4	APKT-1003	M25T6S217
1.000	ZHM-420	1.000	4.25	1.96	1.50	8		
1.250	ZHM-430	1.250	4.50	2.21	1.77	10		
1.500	ZHM-440	1.250	5.00	2.40	2.05	12		

Size	Part Number	Length	Thickness	Corner Radius	Coatings				Image
					None	TiCN	TiN	TiAlN	
10 mm	APKT 100304 PDTR	0.409	0.138	0.016	○	○	○	●	
10 mm	APKT 1003 PDTR	0.409	0.138	0.031	○	○	●	●	

SHOULDER MILLS