

SHOULDER MILLING SPECIAL OFFER

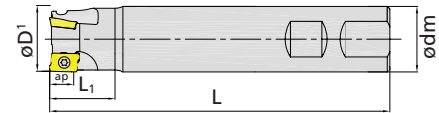


100 inserts, **FREE** bodies -
16mm, 20mm, 25mm all for **£399**

Where **high performance**
is the **standard***

MSMW

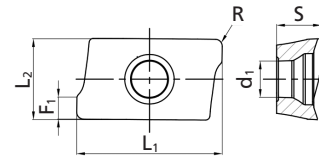
Weldon Shank






Ordering Code	Diameters	Teeth	Dimensions (mm)					apmax	Gauge Insert	Coolant	Stock	Price
			D ₁	dm	L	L ₁	T					
MSMW-1602-AP11-16	16	2	16	16	130	25	-	9	AP*T1135	×	●	£40.13
MSMW-2003-AP11-20	20	3	20	20	130	25	-	9	AP*T1135	●	●	£45.60
MSMW-2503-AP11-25	25	3	25	25	130	30	-	9	AP*T1135	●	●	£55.56

APKT

Helical Edge Shoulder Milling Inserts









Ordering Code	Dimensions(mm)						Coated						Price	
	L ₁	L ₂	S	F ₁	d ₁	R	FA6225	FA6230	FM6140	FK6125	FK6115	FS6030		
	APKT113504R-MS	11.31	7	3.5	2	3.21	0.4	○	●	●	○	○	●	£6.88
	APKT113508R-MS	11.31	7	3.5	2	3.21	0.8	○	●	●	○	○	●	£6.88
	APKT113504R-MM	11.31	7	3.5	2	3.21	0.4	○	●	●	○	○	●	£6.88
	APKT113508R-MM	11.31	7	3.5	2	3.21	0.8	○	●	●	○	○	●	£6.88
	APKT113532R-MM	10.16	7	3.44	3.6	3.21	3.2	○	●	●	○	○	●	£6.88
	APKT113516R-MH	11.31	7	3.5	2	3.21	1.6	○	●	●	○	○	●	£6.88

● Stock ○ Available Upon Order

APKT

APKT Geometry

Light cutting for general material	Medium cutting for general material	Rough cutting for general material
		
MS	MM	MH
		
Light cutting with low force to achieve excellent performance	High stability cutting in general condition	More stronger edge for rough cutting

Recommended Cutting Data

Workpiece Material	Material Hardness	Grade	Cutting Speed	(fz) mm/tooth			
				(L) Light Cutting	(M) Medium Cutting	(H) Heavy Cutting	
			Vc (m/min)				
P	Low Carbon Steel	≤HB180	FA6225 FA6230	180 (150-220)	0.1 (0.05-0.15)	0.15 (0.1-0.2)	0.2 (0.1-0.25)
	Carbon Steel, Alloy Steel	HB180-350	FA6225 FA6230	150 (120-200)	0.1 (0.05-0.15)	0.15 (0.1-0.2)	0.2 (0.1-0.25)
	Per-hardened Steel	HRC35-45	FA6225 FA6230	150 (120-200)	0.1 (0.05-0.15)	0.15 (0.1-0.2)	0.2 (0.1-0.25)
M	Stainless Steel (Ferrite, Martensite)	≤HB270	FM6140 FA6230	140 (100-160)	0.12 (0.1-0.2)	0.15 (0.1-0.2)	0.2 (0.1-0.3)
	Stainless Steel (Austenite, Diphasic)	≤HB270	FM6140 FA6230	120 (100-160)	0.12 (0.1-0.2)	0.15 (0.1-0.2)	0.2 (0.1-0.3)
K	Grey Cast Iron	≤HB280	FK6125 FK6115 FA6230	180 (150-220)	0.1 (0.05-0.15)	0.15 (0.1-0.2)	0.2 (0.1-0.25)
	Nodular Cast Iron Vermicular Cast Iron	≤HB350	FK6125 FK6115 FA6230	120 (100-180)	0.1 (0.05-0.15)	0.15 (0.1-0.2)	0.2 (0.1-0.25)
N	Aluminum Alloy	≤HB260	GN9125	500 (200-900)	0.1 (0.05-0.15)	0.15 (0.1-0.2)	0.15 (0.1-0.25)
S	Heat-resistant Alloy and Titanium Alloy	HRC25-35	FA6230 FM6140 FS6030	60 (50-100)	0.1 (0.05-0.15)	0.1 (0.05-0.15)	0.15 (0.1-0.2)
H	Quenching Steel	HRC48-55	FA6230	80 (60-120)	0.08 (0.05-0.15)	0.10 (0.08-0.15)	0.12 (0.08-0.20)