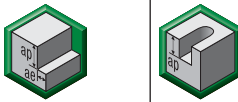



High-Performance Solid Carbide End Mills • Roughing

Application Data • Series 022818 422818



Series 022818 422818

Material Group																	
	Side Milling (A) and Slotting (B)			K30F			K30F-DCF			Recommended feed per tooth (fz = mm/th) for side milling (A). For slotting (B), reduce fz by 20%.							
	A		B	Uncoated			TiAlN			mm	D1 – Diameter						
	ap	ae	ap	Cutting Speed – vc m/min		Cutting Speed – vc m/min		6,0	8,0		10,0	12,0	16,0	20,0			
P	1	1,5 x D	0,5 x D	1 x D	60	–	80	150	–	200	fz	0,033	0,041	0,049	0,060	0,073	0,082
	2	1,5 x D	0,5 x D	1 x D	56	–	76	140	–	190	fz	0,033	0,041	0,049	0,060	0,073	0,082
	3	1,5 x D	0,4 x D	1 x D	–	–	–	120	–	160	fz	0,027	0,034	0,041	0,051	0,063	0,073
	4	1,5 x D	0,4 x D	0,75 x D	–	–	–	90	–	150	fz	0,024	0,030	0,037	0,045	0,055	0,063
K	1	1,5 x D	0,5 x D	1 x D	–	–	–	120	–	160	fz	0,033	0,041	0,049	0,060	0,073	0,082
	2	1,5 x D	0,4 x D	1 x D	–	–	–	110	–	140	fz	0,027	0,034	0,041	0,051	0,063	0,073
	3	1,5 x D	0,4 x D	1 x D	–	–	–	100	–	130	fz	0,021	0,027	0,033	0,040	0,050	0,058

NOTE: Lower value of cutting speed is used for high stock removal applications or for higher hardness (machinability) within group.
 Higher value of cutting speed is used for finishing applications or for lower hardness (machinability) within group.
 Above parameters are based on ideal conditions. For smaller taper machining centres, please adjust parameters accordingly on >12mm diameters.