

■ Series 022813 422813

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	25,0	
	min	max	min	max	min	max	min	max	6,0	8,0	10,0	12,0	16,0	20,0	25,0			
P	1	1 x D	0,5 x D	1 x D	60	–	80	150	–	200	fz	0,032	0,043	0,052	0,063	0,077	0,087	0,097
	2	1 x D	0,5 x D	1 x D	56	–	76	140	–	190	fz	0,032	0,043	0,052	0,063	0,077	0,087	0,097
	3	1 x D	0,5 x D	1 x D	–	–	–	120	–	160	fz	0,026	0,036	0,044	0,054	0,067	0,077	0,088
	4	1 x D	0,4 x D	1 x D	–	–	–	90	–	150	fz	0,024	0,032	0,039	0,048	0,059	0,067	0,076
M	1	1 x D	0,4 x D	0,75 x D	–	–	–	80	–	100	fz	0,026	0,036	0,044	0,054	0,067	0,077	0,088
	2	1 x D	0,4 x D	0,5 x D	–	–	–	60	–	80	fz	0,018	0,024	0,029	0,036	0,044	0,050	0,056
K	1	1 x D	0,5 x D	1 x D	48	–	64	120	–	160	fz	0,032	0,043	0,052	0,063	0,077	0,087	0,097
	2	1 x D	0,4 x D	1 x D	44	–	56	110	–	140	fz	0,026	0,036	0,044	0,054	0,067	0,077	0,088
	3	1 x D	0,4 x D	1 x D	40	–	52	100	–	130	fz	0,021	0,029	0,035	0,043	0,053	0,062	0,070

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.