

Material			Performance		Vc	mm/rev				
type	example	N/m3	reference	L/D	(m/min)	D2.0 -2.5	D2.5 - 3.2	D3.2 - 4.0	D4.0 - 5.0	D5.0 - 6.0
steel	-	<500	CB20D		50 - 75	0.014 - 0.025	0.017 - 0.030	0.020 - 0.036	0.026 - 0.043	0.031 - 0.052
steel	C45, C45E, C45R	<600	CB20D	20D	30 - 50	0.012 - 0.02	0.014 - 0.024	0.017 - 0.029	0.020 - 0.034	0.024 - 0.042
steel	42CrMo4, 42CrMoS4	<800	CB15D	15D	20 - 32	0.011 - 0.016	0.010 - 0.019	0.013 - 0.023	0.016 - 0.028	0.019 - 0.034
steel	42Cr Mo4	<1000	CB10D	10D	30 - 40	0.011 - 0.016	0.010 - 0.019	0.013 - 0.023	0.016 - 0.028	0.019 - 0.034
steel	-	>1000	CB10D	10D	<35	<0.016	<0.019	<0.022	<0.027	<0.033
stainless steel	X5CrNi18-10	-	CB10D	10D	7 - 10	0.010 - 0.014	0.011 - 0.017	0.012 - 0.021	0.014 - 0.025	0.017 - 0.030
Aluminum	AlMg2.5	-	CB15D	15D	70 - 95	0.012 - 0.025	0.017 - 0.030	0.020 - 0.036	0.026 - 0.043	0.031 - 0.052