

RECOMMENDED CUTTING CONDITIONS

Work Material	Hardness	Cutting Mode	l/d≤3			l/d=3-4 (Shank Diameter≥25mm)		
			Cutting Speed (m/min)	Feed (mm/rev)	Depth of Cut (mm)	Cutting Speed (m/min)	Feed (mm/rev)	Depth of Cut (mm)
P Carbon Steel Alloy Steel	180-350HB	Light Cutting	130 (90-160)	0.1 (0.05-0.15)	0.2	120 (80-150)	0.1 (0.05-0.15)	0.2
		Medium Cutting	90 (60-120)	0.25 (0.15-0.35)	-3.0	80 (50-110)	0.15 (0.1-0.2)	-1.5
M Stainless Steel	≤200HB	Light Cutting	140 (100-180)	0.1 (0.05-0.15)	0.2	140 (100-180)	0.1 (0.05-0.15)	0.2
		Medium Cutting	70 (50-90)	0.2 (0.15-0.25)	-2.0	60 (40-80)	0.15 (0.1-0.2)	-1.0
N Aluminium Alloy	-	Light Cutting	300 (200-400)	0.1 (0.05-0.15)	0.2	300 (200-400)	0.1 (0.05-0.15)	0.2
		Medium Cutting	200 (150-250)	0.1 (0.05-0.15)	-2.0	200 (150-250)	0.1 (0.05-0.15)	-1.5