





Parametri di lavoro inserti PKD

N	r	Vc (m/min)			Ap (mm)			Feed (mm/rev)		
		N/P	F Finish	R Rough	N/P	F Finish	R Rough	N/P	F Finish	R Rough
Aluminum alloys Si < 1%	0.1	200-3000	200-3000	200-3000	0.01-2.80			0.01-0.05		
	0.2	200-3000	200-3000	200-3000	0.01-2.80	0.06-1.50	0.12-2.80	0.01-0.10		
	0.4	200-3000	200-3000	200-3000	0.01-2.80	0.06-2.00	0.12-2.80	0.01-0.20		
	0.8	200-3000	200-3000	200-3000	0.01-2.80	0.06-2.40	0.12-2.80	0.01-0.40		
	1.2	200-3000	200-3000	200-3000	0.01-2.80	0.06-2.85	0.12-2.80	0.01-0.60		
Aluminum Casting Alloys Si > 12%	0.1	150-2500	150-1800	150-2000	0.01-2.80			0.01-0.05		
	0.2	150-2500	150-1800	150-2000	0.01-2.80			0.01-0.10	0.02-0.10	0.08-0.10
	0.4	150-2500	150-1800	150-2000	0.01-2.80			0.01-0.20	0.04-0.20	0.12-0.20
	0.8	150-2500	150-1800	150-2000	0.01-2.80			0.01-0.40	0.08-0.40	0.25-0.40
	1.2	150-2500	150-1800	150-2000	0.01-2.80			0.01-0.60	0.12-0.60	0.30-0.60
Copper/ Brass/ Bronze	0.1	150-2500	150-2200	150-2800	0.01-2.80			0.01-0.05		
	0.2	150-2500	150-2200	150-2800	0.01-2.80	0.06-1.50	0.12-2.80	0.01-0.10	0.02-0.10	0.08-0.10
	0.4	150-2500	150-2200	150-2800	0.01-2.80	0.06-2.00	0.12-2.80	0.01-0.20	0.04-0.20	0.12-0.20
	0.8	150-2500	150-2200	150-2800	0.01-2.80	0.06-2.40	0.12-2.80	0.01-0.40	0.08-0.40	0.25-0.40
	1.2	150-2500	150-2200	150-2800	0.01-2.80	0.06-2.85	0.12-2.80	0.01-0.60	0.12-0.60	0.30-0.60
Ceramic/ Zirconium	0.1	150-2800	150-2200	150-2800	0.01-2.80			0.01-0.05		
	0.2	150-2800	150-2200	150-2800	0.01-2.80			0.01-0.10	0.02-0.10	0.08-0.10
	0.4	150-2800	150-2200	150-2800	0.01-2.80			0.01-0.20	0.04-0.20	0.12-0.20
	0.8	150-2800	150-2200	150-2800	0.01-2.80			0.01-0.40	0.08-0.40	0.25-0.40
	1.2	150-2800	150-2200	150-2800	0.01-2.80			0.01-0.60	0.12-0.60	0.30-0.60
Glass, Carbon fiber reinforced, Graphite	0.1	200-3000	150-2200	200-3000	0.01-2.80			0.01-0.05		
	0.2	200-3000	150-2200	200-3000	0.01-2.80	0.06-1.50	0.12-2.80	0.01-0.10		
	0.4	200-3000	150-2200	200-3000	0.01-2.80	0.06-2.00	0.12-2.80	0.01-0.20		
	0.8	200-3000	150-2200	200-3000	0.01-2.80	0.06-2.40	0.12-2.80	0.01-0.40		
	1.2	200-3000	150-2200	200-3000	0.01-2.80	0.06-2.85	0.12-2.80	0.01-0.60		