

Maximum Operating Speeds for Laboratory Abrasives

Fine corundum abrasives are not suitable for working ceramics

ISO Diameter 1/10mm	Soft Materials (porcelain, dentine plastic) min-1	Hard Materials (metal alloys)	Working Pressure min-1
020	40,000-80,000	100,000-210,000	N 1-5 (g 100-500)
030-035	30,000-60,000	70,000-150,000	
040-045	25,000-45,000	50,000-120,000	
060-065	20,000-40,000	30,000-80,000	
080-085	12,000-25,000	25,000-60,000	
095-110	10,000-20,000	20,000-50,000	
120-140	8,000-15,000	16,000-40,000	
150-170	6,000-12,000	12,000-30,000	
190	5,000-10,000	10,000-25,000	
220	4,500-9,000	9,000-22,000	
250	4,000-8,000	8,000-19,000	
380	3,000-6,000	6,000-12,000	
500	2,000-5,000	5,000-10,000	
630	1,800-4,000	3,000-7,000	
750	1,000-3,000	2,000-6,000	