

Micron Grit Comparison Chart

Micron Size	Diamond Lapping Plates	Silicon cabide/Aluminum oxide	Arkansas Stones	Diamond Stones	Waterstones	Sandpaper CAMI (USA)	Sandpaper FEPA (Europe)	Micron Size
270								270
173		Lee Valley Coarse India						173
150								150
141							P100	141
130	Nano Hone NL-4							130
127		Norton Coarse Crystolon					P120	127
116						120		116
97		Norton Coarse India					P150	97
93						150		93
78		Norton Medium Crystolon				180	P180	78
68					Lee Valley 280			68
65				Norton x-coarse diamond	220		P220	65
66.82					Shapton 220			66.82
60				DMT x-coarse	Norton 220	220		60
58							P240	58
53.5		Norton Medium India				240		53.5
52.5							P280	52.5
50	Nano Hone NL-5, 8, 10							50
46							P320	46
45		Norton Fine Crystolon		DMT coarse				45
43				Norton coarse diamond		280		43
40.5							P360	40.5
36						360	320	36
35	Nano Hone Ceramic				NS-400			35
35		Norton Fine India	Washita				P400	35
30	Nano Hone NL-6							30
29.4					Shapton 500			29.4
29					Lee Valley 600	360		29
26.5							P600	26.5
25				DMT fine				25
23		Lee Valley Fine India				400		23
22		Norton X-fine India	Soft Arkansas	Norton fine diamond	600		P800	22
20					Lee Valley 800			20
16					Lee Valley 1,000	600	P1,200	16
15	Nano Hone Ceramic				NS-1000			15
14.7					Shapton 1,000			14.7
14					Norton 1,000	700		14
13			Lee Valley Soft Arkansas		Lee Valley 1,200			13
12.6						800	P1,500	12.6
11			Hard White Arkansas	Norton x-fine diamond	1,200			11
10.3							P2,000	10.3
10	Nano Hone Ceramic				NS-3010			10
10			Lee Valley Hard Arkansas					10
9.2					1,500	1,000		9.2
9				DMT x-fine				9

8.4						1,500	P2,500	8.4
7.5					Norton 2,000			7.5
7.35					Shapton 2,000			7.35
7	DMT ceramic stone							7
6	DMT Dia-paste (6 micron)		Hard Black or Translucent Arkansas			2,000		6
5								5
3.63					Shapton 4,000			3.63
3	DMT Dia-paste (3 micron)				Norton 4,000			3
2		Nano Hone Ceramic			NS-6000			2
2					Lee Valley 4,000			2
1.84					Shapton 8,000			1.84
1.2	DMT Dia-paste (1 micron)				Norton 8,000			1.2
1					Lee Valley 8,000			1
0.92					Shapton 16,000			0.92
0.5	Green compound					15,000		0.5
0.49					Shapton 30,000			0.49

