

### Finish Ra

μ-inch	μ-m	Rz (μ-m)	Rt (μ-m)
0.2	0.006	0.0	0.1
0.3	0.008	0.0	0.1
0.4	0.01	0.1	0.1
0.5	0.012	0.1	0.1
0.6	0.015	0.1	0.2
0.8	0.02	0.1	0.2
1.2	0.03	0.1	0.3
1.2	0.03	0.2	0.3
1.6	0.04	0.2	0.4
2.0	0.05	0.3	0.5
2.4	0.06	0.3	0.6
3.1	0.08	0.4	0.8
3.9	0.1	0.5	0.9
4.7	0.12	0.6	1.0
5.9	0.15	0.8	1.2
7.9	0.2	1.0	1.6
10	0.25	1.2	2.0
12	0.3	1.6	2.5
16	0.4	2.0	3.0
20	0.5	2.5	4.0
24	0.6	3.0	5.0
47	1.2	6	10
98	2.5	10	15
197	5	20	30
394	10	40	50
787	20	80	100
1575	40	160	200
3150	80	320	400

1 μm = 0.001 mm = 39.37 μ"
1 μ" = 0.000001" = .0254 μ"
MIRCO = μ = 10 <sup>-6</sup> = .000001

### Mesh-Size Chart for Superabrasives (CBN)

US-mesh	μm
40	427
50	302
60	251
80	181
100	151
120	126
140	107
170	91
200	76
230	64
270	54
325	52
400	50
500	45
600	35
800	25
1000	20
1100	17
1200	15
1400	12.5
1500	12
1800	9
2200	7.5
3000	6
5000	4.5
8000	3
12000	2.25
13000	1.5
14000	1
280000	0.50
600000	0.25