

## SURFACE FINISH COMPARISON TABLE

Ra (micrometer)	Rt (micrometer)	Rz (micrometer)	Rms (micrometer)	Cla (micrometer)	Pva (micrometer)
0.025	0.2	0.16	1.12	1	6
0.05	0.4	0.32	2.2	2.4	12
0.06	0.5	0.38	2.7	3.2	16
0.08	0.6	0.5	3.6	4	20
0.1	0.8	0.6	4.5	5	25
0.12	1	0.75	5.3	6.3	32
0.16	1.25	1	7.1	6.3	40
0.2	1.5	1.25	9	8	50
0.25	2	1.6	11.2	10	63
0.31	2.5	2	14	12.5	80
0.4	3.2	2.5	18	16	100
0.5	4	3.2	22.4	20	125
0.63	5	4	28	25	160
0.8	6.3	5	35.5	31.5	200
1	8	6.3	45	40	250
1.25	10	8	56	50	320
1.6	12.5	10	71	63	400

### SURFACE ROUGHNESS VALUES

SR.NO.	Micro inch	Ra (micron)	Rz (micron)	ISO Roughness
1	1	0.025	0.25	N1
2	2	0.05	0.63	N2
3	4	0.1	1	N3
4	8	0.2	1	N4
5	16	0.4	1	N5
6	32	0.8	6.3	N6
7	63	1.6	10	N7
8	125	3.2	10	N8
9	250	6.3	40	N9