

Surface Roughness Conversion

Ra (μm)	Rt (μm)	Rz (μm)	RMS ($\mu\text{in.}$)	CLA ($\mu\text{in.}$)	PVA ($\mu\text{in.}$)	Roughness Class France (μm)	Renault R France (μm)	Citreon b France (μm)	Citreon V France (μm)	Roughness Class China	Quality Class Russia
0.025	0.2	0.16	1.12	1	6.3	12C	0.13	0.08	0.15	N1	12
0.05	0.3	0.32	2.2	2	12	11C	0.25	0.15	0.3	N2	11
0.06	0.5	0.38	2.7	2.4	16	11B	0.3	0.18	0.36	N2	11
0.08	0.6	0.5	3.6	3.2	20	11A	0.4	0.24	0.48	N2/N3	11
0.1	0.8	0.63	4.5	4	25	10C	0.5	0.3	0.6	N3	10
0.12	1	0.75	5.3	5	32	10B	0.6	0.37	0.73	N3	10
0.16	1.25	1	7.1	6.3	40	10A	0.8	0.48	0.97	N3/N4	10
0.2	1.5	1.25	9	8	50	9C	1	0.61	1.22	N4	9
0.25	2	1.6	11.2	10	63	9B	1.25	0.76	1.52	N4	9
0.31	2.5	2	14	12.5	80	9A	1.6	0.95	1.8	N4/N5	9
0.4	3.2	2.5	18	16	100	8C	2	1.2	2.4	N5	8
0.5	4	3.2	22.4	20	125	8B	2.5	1.5	3	N5	8
0.63	5	4	28	25	160	8A	3.2	1.9	3.8	N5/N6	8
0.8	6.3	5	35.5	31.5	200	7C	4	2.4	4.8	N6	7
1	8	6.3	45	40	250	7B	5	3	6	N6	7
1.25	10	8	56	50	320	7A	6.3	3.8	7.6	N6/N7	7
1.6	12.5	10	71	63	400	6C	8	4.7	9.4	N7	

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