



Surface Finish Cross Reference Chart

GRIT NUMBER	USA FINISH #	COMMON NAME	Ra MICROINCH	E/P RANGE Ra MICROINCH	Ra MICRON	Rmax MICRO-INCH	Rmax MICRON	APPROX. RMS MICROINCH	ISO NUMBER	ASTM STD Ra MICROINCH	JAPANESE STD
			2000		50	7875	200		N12		
			1000		25	3940	100		N11		
			500		12.5	1988	50		N10		
60	#1	Mill Plate	250	50 Max.	6.3	985	25		N9		
			125		3.2	492	12.5		N8		
80	#2	Satin Sheet	70 MAX. 40-60					80			
			63		1.60		6.3		N7		
00 to 120	#3		52					58			
120	#4	Commercial #4	40-60 typ.								
150	#4	3A Sanitary Finish	42 Max. 30-35					42.47		45 Max.	
		ANSI #4	32		0.8	126	3.2		N6		
180	#4	Sanitary Finish	30 Max. 20-30	15-20				34		25 Max.	Buff #100
200 to 220	#4	"Biotech" Finish	25 Max. 20-25								
240	#6		15-20	10-15				17		8-20	
			16		0.40	63	1.60	17 Max.	N5	6-15	
320	#7		12 Max. 8-12					14			
			12		0.30	59	1.50	13-14			Buff #200
			8		0.20	31	0.80	9	N4		Buff #300
400	#8	Mirror Finish	4-8								
500	#8	Super-mirror Finish	<4 3-8								
500	#8	Super-mirror Finish	4		0.10	16	0.40	4-10	N3		Buff #400 (approx)
			2		0.050	8	0.20		N2		
			1		0.025	4	0.10		N1		