

Standard Tolerances

Stainless Steel Bar

Conforms to ASTM A 484

Round Bar/Cold Finished		Round Bar/Hot Rolled and Rough Turned			Square Bar and Hexagons/Cold Finished	
Size	Tolerances	Size	Tolerances	Size	Out of Round	Tolerances
Under $\frac{5}{16}$ "	+/- 0.001	Over 2" to 2 $\frac{1}{2}$ "	+ $\frac{1}{32}$ ' - 0	0.023	Under $\frac{5}{16}$ "	+.000, - 0.002
Over $\frac{5}{16}$ " to $\frac{1}{2}$ " incl.	+/- 0.0015	Over 2 $\frac{1}{2}$ " to 3 $\frac{1}{2}$ "	+ $\frac{3}{64}$ ' - 0	0.035	Over $\frac{5}{16}$ " to under $\frac{1}{2}$ "	+.000, - 0.003
Over $\frac{1}{2}$ " to 1" incl.	+/- 0.002	Over 3 $\frac{1}{2}$ " to 4 $\frac{1}{2}$ "	+ $\frac{1}{16}$ ' - 0	0.046	$\frac{1}{2}$ " to 1" incl.	+.000, -0.004
Over 1" to under 1 $\frac{1}{2}$ "	+/- 0.0025	Over 4 $\frac{1}{2}$ " to 5 $\frac{1}{2}$ "	+ $\frac{5}{64}$ ' - 0	0.058	Over 1" to 2" incl.	+.000, -0.006
1 $\frac{1}{2}$ " to 4" incl.	+/- 0.003	Over 5 $\frac{1}{2}$ " to 6 $\frac{1}{2}$ "	+ $\frac{1}{8}$ ' - 0	0.070	Over 2" to 3" incl.	+.000, -0.008
Over 4" to 4 $\frac{1}{2}$ " incl.	+/- 0.005	Over 6 $\frac{1}{2}$ " to 8"	+ $\frac{5}{32}$ ' - 0	0.085	Over 3"	+.000, -0.011
Over 4 $\frac{1}{2}$ " to 6" incl.	+/- 0.008					