

Tolerances

Stainless Steel Bars

Rounds — Cold Finished

Under 5/16	± .001
Over 5/16 to 1/2 incl.	± .0015
Over 1/2 to 1 incl.	± .002
Over 1 to Under 1-1/2	± .0025
1-1/2 to 4 incl.	± .003
Over 4 to 4-1/2 incl.	± .005
Over 4-1/2 to 6 incl.	± .008

Rounds — Hot Rolled & Rough Turned

Over 2 to 2-1/2	+ 1/32-0	.023
Over 2-1/2 to 3-1/2	+ 3/64-0	.035
Over 3-1/2 to 4-1/2	+ 1/16-0	.046
Over 4-1/2 to 5-1/2	+ 5/64-0	.058
Over 5-1/2 to 6-1/2	+ 1/8-0	.070
Over 6-1/2 to 8	+ 5/32-0	.085

Square & Hexagon — Cold Finished

Under 5/16	+ .000 - .002
Over 5/16 to Under 1/2	+ .000 - .003
1/2 to 1 incl.	+ .000 - .004
Over 1 to 2 incl.	+ .000 - .006
Over 2 to 3 incl.	+ .000 - .008
Over 3	+ .000 - .011

Straightness Tolerances For Machine Straightened Bars

Hot Finish
1/8 Inch in Any 5 Ft.,
But May Not Exceed 1/8 x
No. of Feet in Length

Cold Finish
1/16 Inch in Any 5 Ft.,
But May Not Exceed 1/16 x
No. of Feet in Length