## **Cold Finished Carbon Steel Bars**

## Standard (16/10 Under) Manufacturing Tolerances

## Cold Finished Carbon Steel Bars COLD DRAWN OR TURNED & POLISHED ROUNDS

				Max. Carbon Range
Size Range in Inches	Max. Carbon Range .28% or less	Max. Carbon Range over .28% to .55% incl.		Over .55% or all Grades Quenched & Tempered or Normalized and Tempered Before cold Finishing
1 ½ or under	.002	.003	.004	.005
Over 1 $\frac{1}{2}$ to 2 $\frac{1}{2}$ , incl.	.003	.004	.005	.006
Over 2 ½ to 4, incl.	.004	.005	.006	.007
Over 4 to 6, incl.	.005	.006	.007	.008
Over 6 to 8, incl.	.006	.007	.008	.009
Over 8 to 9, Incl.	.007	.008	.009	.010
Over 9	.008	.009	.010	.011
	CC	LD DRAWN HEXAGO	NS	
¾ or under	.002	.003	.004	.006
Over ¾ to 1 ½, incl.	.003	.004	.005	.007
Over 1 $\frac{1}{2}$ to 2 $\frac{1}{2}$ , incl.	.004	.005	.006	.008
Over 2 ½ to 4, incl.	.005	.006	.007	.009
	C	OLD DRAWN SQUARE	ES .	
<sup>3</sup> / <sub>4</sub> or under	.002	.004	.005	.007
Over ¾ to 1 ½, incl.	.003	.005	.006	.008
Over 1 ½ to 2 ½, incl.	.004	.006	.007	.009
Over 2 ½ to 4, incl.	.006	.008	.009	.011
		COLD DRAWN FLATS ats apply to thickness		
Width in Inch	nes			
To 2/4 incl.	.003	.004	.006	.008
Over ¾ to 1 ½, incl.	.004	.005	.008	.010
Over 1 ½ to 3, incl.	.005	.006	.010	.012
Over 3 to 4,incl.	.006	.008	.011	.016
Over 4 to 6, incl.	.008	.010	.012	.020
Over 6	.013	.015		
	TURNED, GI	ROUND AND POLISH	ED ROUNDS	

Size Range in Inches	Turned, Ground and Polished Rounds	Cold Drawn, Ground and Polished Rounds
1 ½ and under	.001	.001
Over 1 1/2 to less than 2 1/2	.0015	.0015
2 ½ to 3, incl.	.002	.002
Over 3 to 4, incl.	.003	.003
Over 4 to 6, incl.	.004*	
Over 6	.005*	

<sup>\*</sup>For nonresulphurized steels (steels specified to maximum sulphur limits under 0.08%) or for steels thermally treated, the tolerance is increased by .001''