TOLERANCES

CF ALLOY BARS

Cold Drawn or Turned & Polished

Specified Size in Inches	Undersize Variations in Inches: Max. Carbon Range .28% or less	Max. Carbon Range over .28 to .55% incl.	Annld. or Stress Relieved after C.F. Max. carb. to .55%	Max. Carbon range over 0.55% with or without stress relieving or annealing after cold finishing. Also all carbons Heat Tr. or Norm. & Temp. before cold Finishing
To 1 incl. (in coils)	.002	.003	.004	.005
To 1½ incl.	.003	.004	.005	.006
Over 1½ to 2½	.004	.005	.006	.007
Over 2½ to 4	.005	.006	.007	.008
Over 4 to 6	.006	.007	.008	.009
Over 6 to 8	.007	.008	.009	.010
Over 8 to 9	.008	.009	.010	.011
Over 9	.009	.010	.011	.012

COLD DRAWN HEXAGONS

To ¾, incl.	.003	.004	.005	.007
Over ¾ to 1½	.004	.005	.006	.008
Over 1½ to 2½	.005	.006	.007	.009
Over 2½ to 3⅛	.006	.007	.008	.010

COLD DRAWN SQUARES

To ¾, incl.	.003	.005	.006	.008
Over ¾ to 1½	.004	.006	.007	.009
Over 1½ to 2½	.005	.007	.008	.010
Over 2½ to 4	.007	.009	.010	.012
Over 4 to 5	.011	—	—	—

COLD DRAWN FLATS

Tolerances for flats apply to thickness as well as width

Width in Inches				
To ¾, incl.	.004	.005	.007	.009
Over ¾ to 1½	.005	.006	.009	.011
Over 1½ to 3	.006	.007	.011	.013
Over 3 to 4	.007	.009	.012	.017
Over 4 to 6	.009	.011	.013	.021
Over 6	.014	—	—	—

COLD DRAWN, GROUND AND POLISHED ROUNDS
TURNED, GROUND AND POLISHED ROUNDS

Diameter in Inches	Cold Drawn, Ground & Polished: All Carbons with or without thermal treatment before Cold Drawing		Turned, Ground & Polished: Not Heat Treated All Carb.	Turned, Ground & Polished: Heat* Treated All Carb.
To 1½ incl.	.001	.0005	.0015	.0015
Over 1½ to 2½, excl.	.0015	.0005	.0020	.0020
2½ to 3, incl.	.002	.0005	.0025	.0025
Over 3 to 4, incl.	.003	.0005	.0035	.0035
Over 4 to 6, incl.	—	.0005	.0045	.0045
Over 6	—	.0005	.0055	.0055

*All tolerances are on the minus side, +.000. Applies to quenched and tempered (heat treated), normalized and tempered, or any similar double treatment prior to turning.

RYERSON