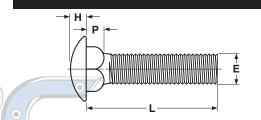
Cap Screws & Bolts

Carriage Bolts Round head, Square Neck

Low Carbon & Hot-Dip Galvanized

+0.14

-0.18





CARRIAGE BOLTS - ROUND HEAD, SQUARE NECK ASME B18.5-1990											
Basic Bolt Diameter		E Body Diameter		A Head Diameter		H Head Height		O Square Width		P Square Depth	
		•6	0.1380	0.122	0.108	0.313	0.278	0.086	0.071	0.160	0.135
•8	0.1640	0.173	0.157	0.328	0.298	0.102	0.083	0.169	0.155	0.108	0.078
10	0.1900	0.199	0.182	0.469	0.436	0.114	0.094	0.199	0.185	0.125	0.094
•12	0.2160	0.225	0.206	0.500	0.468	0.149	0.125	0.215	0.197	0.135	0.105
1/4	0.2500	0.260	0.237	0.594	0.563	0.145	0.125	0.260	0.245	0.156	0.125
5/16	0.3125	0.324	0.298	0.719	0.688	0.176	0.156	0.324	0.307	0.187	0.156
3/8	0.3750	0.388	0.360	0.844	0.782	0.208	0.188	0.388	0.368	0.219	0.188
7/16	0.4375	0.452	0.421	0.969	0.907	0.239	0.219	0.452	0.431	0.250	0.219
1/2	0.5000	0.515	0.483	1.094	1.032	0.270	0.250	0.515	0.492	0.281	0.250
5/8	0.6250	0.642	0.605	1.344	1.219	0.344	0.313	0.642	0.616	0.344	0.313
3/4	0.7500	0.768	0.729	1.594	1.469	0.406	0.375	0.768	0.741	0.406	0.375
Ę,	<u>ASTI</u>		25 5	7						_	
Tolerance on Length				Nominal Bolt Size					ngth		
							Up to 1 in., incl.	Over 1 in. to 2-1/2 in., incl.	Over 2-1/2 in. to 4 in., incl.	Over 4 in. to 6 in., incl.	Over 6 in.
				No. 6 thru 3/8 7/16 and 1/2			+0.02 - 0.03	+0.02 -0.04	+0.04 -0.06	+0.06 -0.10	+0.10 -0.18
							+0.02 -0.03	+0.04	+0.06 -0.08	+0.08 -0.10	+0.12 -0.18

<u>†</u>Length of a cap screw is measured from the underhead bearing surface to the extreme end of the screw. ASME B18.5-1990 does not specify dimensions for the #6, #8 or #12 diameters. Data listed for these sizes is independent of the ASME specification.

9/16 thru 3/4

LOW CARBON & HOT-DIP GALVANIZED CARRAIGE BOL

+0.02

-0.03

+0.06

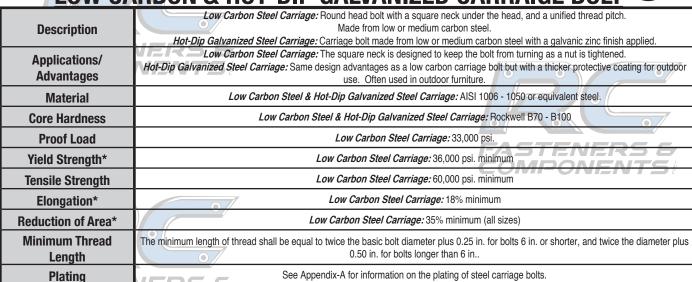
-0.08

+0.08

-0.10

+0.10

-0.10



^{*} These properties are tested only on machined specimens when the testing machine cannot provide for full testing of the parts.

^{**}Product standards require the manufacturer's head marking to appear on the top of all bolts 1/4" diameter and larger. "X" represents one location such a marking may appear.