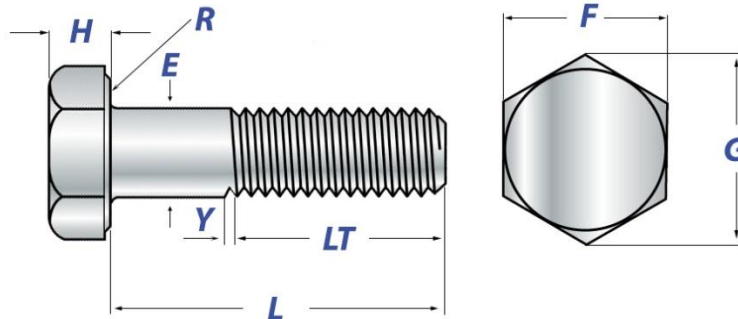




Cordova Bolt, Inc.

Structural Heavy Hex Head Bolts Product Information



1.0 Dimensions: ASME B18.2.6.

Nominal Size or Basic Product Diameter	E		F		G		H		LT
	Body Diameter		Width Across Flats		Width Across Corners		Head Height		Thread Length
	Max	Min	Max	Min	Max	Min	Max	Min	Ref
1/2	0.515	0.482	0.875	0.850	1.010	0.969	0.323	0.302	1.00
5/8	0.642	0.605	1.062	1.031	1.227	1.175	0.403	0.378	1.25
3/4	0.768	0.729	1.250	1.212	1.443	1.383	0.483	0.455	1.38
7/8	0.895	0.852	1.438	1.394	1.660	1.589	0.563	0.531	1.50
1	1.022	0.976	1.625	1.575	1.876	1.796	0.627	0.591	1.75
1-1/8	1.149	1.098	1.812	1.756	2.093	2.002	0.718	0.658	2.00
1-1/4	1.277	1.223	2.000	1.938	2.309	2.209	0.813	0.749	2.00
1-3/8	1.404	1.345	2.188	2.119	2.526	2.416	0.878	0.810	2.25
1-1/2	1.531	1.47	2.375	2.300	2.742	2.622	0.974	0.902	2.25

Disclaimer: The presented data is based off various industry standards. Cordova Bolt, Inc. strives to present up to date, accurate data. However Cordova Bolt, Inc. cannot be held liable for any errors or discrepancies within the presented information



Cordova Bolt, Inc.

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2.0 Mechanical Properties (For Full Size Bolt Testing):

2.1 Steel type I

Standard: ASTM F3125/F3125 M

Grade	Hardness	Tensile Strength	Proof Load	Grade Marking
A325	Up to 1 Inch: Length less than 2D: HRC 25 to 34. Length 2D and longer: HRC 34 Maximum. Above 1 inch: Length less than 3D: HRC 25 to 34. Length 3D and longer: HRC 34 Maximum.	Minimum 120,000 PSI.	Minimum 85,000 PSI.	A325
A490	Up to 1 Inch: Length less than 2D: HRC 33 to 38. Length 2D and longer: HRC 38 Maximum. Above 1 inch: Length less than 3D: HRC 33 to 38. Length 3D and longer: HRC 38 Maximum.	Minimum 150,000 PSI and Maximum 173,000 PSI.	Minimum 120,000 PSI.	A490

3.0 Surface Finish

A325: Plain and Hot Dip Galvanized. Hot Dip Galvanized as per ASTM F2329/F2329M or ASTM A153/A153M. RoHS compliant. Coating thickness for diameters 3/8 “& below: minimum 0.0017” (43 microns) and for diameters above 3/8” “minimum 0.0020” (50 microns).

A490: Plain.

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