

Supplement to ASME B18.2.6-2010 Fasteners for Use in Structural Applications

The supplement correction listed below applies to ASME B18.2.6-2010. This supplement was approved by the American National Standards Institute (ANSI) on May 5, 2011. See revised table on the overleaf.

<i>Page</i>	<i>Location</i>	<i>Change</i>
2	Table 1	Note (6) added

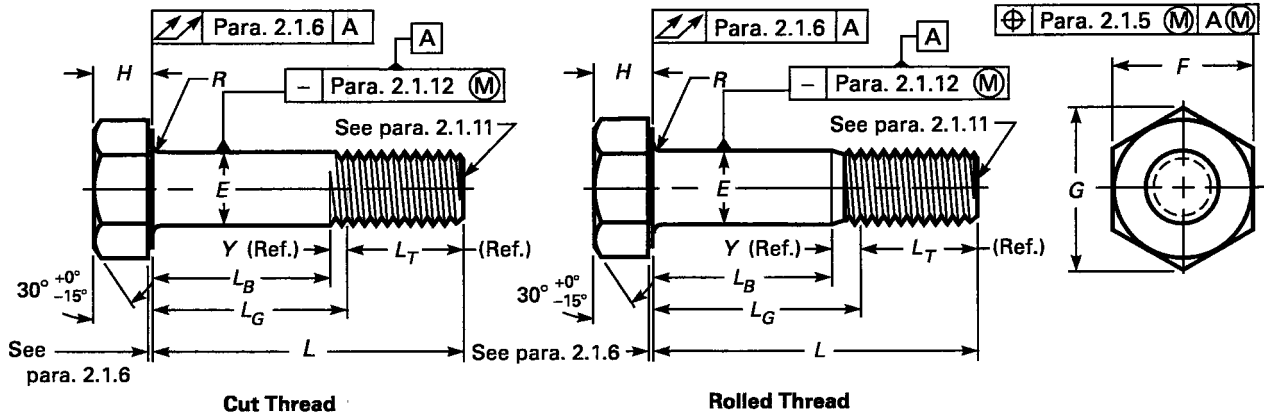
THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS
Three Park Avenue, New York, NY 10016-5990

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Table 1 Dimensions of Heavy Hex Structural Bolts



Nominal Size or Basic Product Diameter [Note (1)]	Body Diameter, E [Note (6)]		Width Across Flats, F [Note (2)]		Width Across Corners, G		Head Height, H [Note (3)]			Radius of Fillet, R		Thread Length, L _T [Note (4)]	Transition Thread Length, Y [Note (4)]	Maximum Total Runout of Bearing Surface FIM [Note (5)]		
	Max.	Min.	Nominal	Max.	Min.	Max.	Min.	Nominal	Max.	Min.	Max.	Min.	Ref.	Ref.		
1/2	0.500	0.515	0.482	7/8	0.875	0.850	1.010	0.969	5/16	0.323	0.302	0.031	0.009	1.00	0.19	0.016
5/8	0.625	0.642	0.605	1 1/16	1.062	1.031	1.227	1.175	25/64	0.403	0.378	0.062	0.021	1.25	0.22	0.019
3/4	0.750	0.768	0.729	1 1/4	1.250	1.212	1.443	1.383	15/32	0.483	0.455	0.062	0.021	1.38	0.25	0.022
7/8	0.875	0.895	0.852	1 7/16	1.438	1.394	1.660	1.589	35/64	0.563	0.531	0.062	0.031	1.50	0.28	0.025
1	1.000	1.022	0.976	1 5/8	1.625	1.575	1.876	1.796	39/64	0.627	0.591	0.093	0.062	1.75	0.31	0.028
1 1/8	1.125	1.149	1.098	1 13/16	1.812	1.756	2.093	2.002	11/16	0.718	0.658	0.093	0.062	2.00	0.34	0.032
1 1/4	1.250	1.277	1.223	2	2.000	1.938	2.309	2.209	25/32	0.813	0.749	0.093	0.062	2.00	0.38	0.035
1 3/8	1.375	1.404	1.345	2 3/16	2.188	2.119	2.526	2.416	27/32	0.878	0.810	0.093	0.062	2.25	0.44	0.038
1 1/2	1.500	1.531	1.470	2 3/8	2.375	2.300	2.742	2.622	15/16	0.974	0.902	0.093	0.062	2.25	0.44	0.041

GENERAL NOTE: See additional requirements in section 2.

NOTES:

- (1) See para. 2.4.1.
- (2) See paras. 2.1.2 and 2.1.3.
- (3) See para. 2.1.4.
- (4) See para. 2.1.10.2.
- (5) See para. 2.1.6.
- (6) The body diameter limits are shown in this table. Any swell or fin under the head or any die seam on the body shall not exceed the basic bolt diameter by the following:
 - (a) 0.030 in. for sizes 1/2 in.
 - (b) 0.050 in. for sizes 5/8 in. and 3/4 in.
 - (c) 0.060 in. for sizes over 3/4 in. through 1 1/4 in.
 - (d) 0.090 in. for sizes over 1 1/4 in.