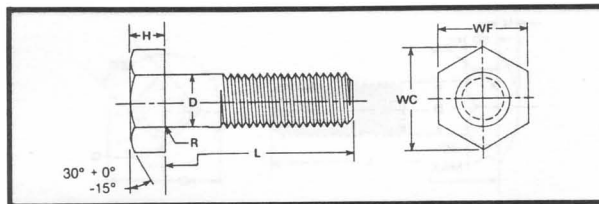


HEAVY HEX BOLTS



Nominal Diameter		D	WF			WC		H			R	
		Body Dia	Width Across Flats			Width Across Corners		Head Height			Radius of Fillet	
Fractional	Decimal	Max	Basic	Max	Min	Max	Min	Basic	Max	Min	Max	Min
1/2	0.5000	0.515	7/8	0.875	0.850	1.010	0.969	11/32	0.364	0.302	0.03	0.01
5/8	0.6250	0.642	1- 1/16	1.062	1.031	1.227	1.175	27/64	0.444	0.378	0.06	0.02
3/4	0.7500	0.768	1- 1/4	1.250	1.212	1.443	1.383	1/2	0.524	0.455	0.06	0.02
7/8	0.8750	0.895	1 -7/16	1.438	1.394	1.660	1.589	37/64	0.604	0.531	0.06	0.02
1	1.0000	1.022	1 -5/8	1.625	1.575	1.876	1.796	43/64	0.700	0.591	0.09	0.03
1-1/8	1.1250	1.149	1-13/16	1.812	1.756	2.093	2.002	3/4	0.780	0.658	0.09	0.03
1-1/4	1.2500	1.277	2	2.000	1.938	2.309	2.209	27/32	0.876	0.749	0.09	0.03
1-3/8	1.3750	1.404	2- 3/16	2.188	2.119	2.526	2.416	29/32	0.940	0.810	0.09	0.03
1-1/2	1.5000	1.531	2- 3/8	2.375	2.300	2.742	2.622	1	1.036	0.902	0.09	0.03
1-3/4	1.7500	1.785	2- 3/4	2.750	2.662	3.175	3.035	1- 5/32	1.196	1.054	0.12	0.04
2	2.0000	2.039	3- 1/8	3.125	3.025	3.608	3.449	1-11/32	1.388	1.175	0.12	0.04
2-1/4	2.2500	2.305	3- 1/2	3.500	3.388	4.041	3.862	1- 1/2	1.548	1.327	0.19	0.06
2-1/2	2.5000	2.559	3- 7/8	3.875	3.750	4.474	4.275	1-21/32	1.708	1.479	0.19	0.06
2-3/4	2.7500	2.827	4- 1/4	4.250	4.112	4.907	4.688	1-13/16	1.869	1.632	0.19	0.06
3	3.0000	3.081	4- 5/8	4.625	4.475	5.340	5.102	2	2.060	1.815	0.19	0.06

Note: L = Length of Bolt