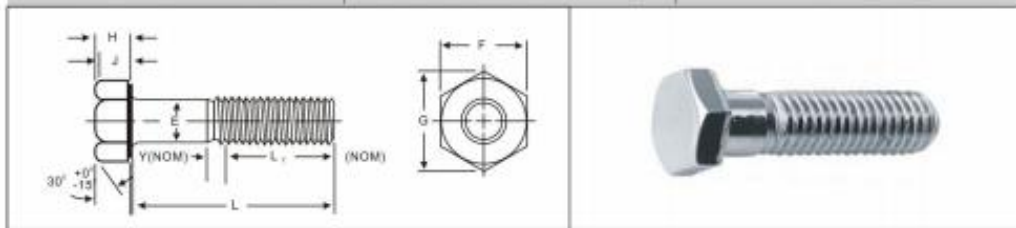


MILD STEEL, MEDIUM STEEL,ALLOY STEEL,STAINLESS STEEL,BRASS

HEX CAP SCREWS

SAE J429 Gr.2 ASTM A307 Gr.A SAE J429 Gr.5 ASTM A449 Ty.1 SAE J429 Gr.8 ASTM A354 Gr.BD

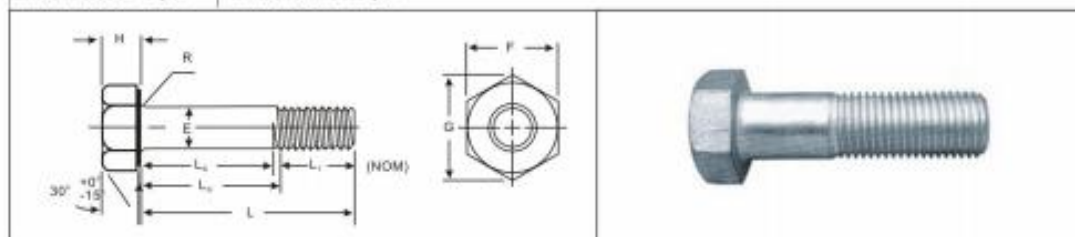


Nominal Size (inch)	E		F			G		H			Thread Length For Screw Lengths	
	Full Size Body Dia.		Width Across Flats			Width Across Corners		Head Height			5 in & Shorter	Over 5 in.
	Max.	Min.	Basic	Max.	Min.	Max.	Min.	Basic	Max.	Min.	Nom.	Nom.
1/4	0.2500	0.2450	7/16	0.438	0.428	0.505	0.488	5/32	0.163	0.150	0.750	1.000
5/16	0.3125	0.3065	1/2	0.500	0.489	0.577	0.557	13/64	0.211	0.195	0.875	1.125
3/8	0.3750	0.3690	9/16	0.562	0.551	0.650	0.628	15/64	0.243	0.226	1.000	1.250
7/16	0.4375	0.4305	5/8	0.625	0.612	0.722	0.698	9/32	0.291	0.272	1.125	1.375
1/2	0.5000	0.4930	3/4	0.750	0.736	0.866	0.840	5/16	0.323	0.302	1.250	1.500
9/16	0.5625	0.5545	13/16	0.813	0.798	0.938	0.910	23/64	0.371	0.348	1.375	1.625
5/8	0.6250	0.6170	15/16	0.938	0.922	1.083	1.051	25/64	0.403	0.378	1.500	1.750
3/4	0.7500	0.7410	1 1/8	1.125	1.100	1.299	1.254	15/32	0.483	0.455	1.750	2.000
7/8	0.8750	0.8660	1 5/16	1.313	1.285	1.516	1.465	35/64	0.563	0.531	2.000	2.250
1	1.0000	0.9900	1 1/2	1.500	1.469	1.732	1.675	39/64	0.627	0.591	2.250	2.500
1 1/8	1.1250	1.1140	1 11/16	1.688	1.631	1.949	1.859	11/16	0.718	0.658	2.500	2.750
1 1/4	1.2500	1.2390	1 7/8	1.875	1.812	2.165	2.066	25/32	0.813	0.749	2.750	3.000
1 3/8	1.3750	1.3630	2 1/16	2.063	1.994	2.382	2.273	27/32	0.878	0.810	3.000	3.250
1 1/2	1.5000	1.4880	2 1/4	2.250	2.175	2.598	2.480	15/16	0.974	0.902	3.250	3.500

MILD STEEL, MEDIUM STEEL,ALLOY STEEL,STAINLESS STEEL,BRASS

HEAVY HEX STRUCTURAL BOLTS

ASTM A325 Ty.1 ASTM A490 Ty.1



Nominal Size (inch)	E		F			G		H			Thread Length Basic
	Full Size Body Dia		Width Across Flats			Width Across Corners		Head Height			
	Max.	Min.	Basic.	Max.	Min.	Max.	Min.	Basic.	Max.	Min.	
1/2	0.515	0.482	7/8	0.875	0.850	1.010	0.969	5/16	0.323	0.302	1.00
5/8	0.642	0.605	1 1/16	1.063	1.031	1.227	1.175	25/64	0.403	0.378	1.25
3/4	0.768	0.729	1 1/4	1.250	1.212	1.443	1.383	15/32	0.483	0.455	1.38
7/8	0.895	0.852	1 7/16	1.438	1.394	1.660	1.589	35/64	0.563	0.531	1.50
1	1.022	0.976	1 5/8	1.625	1.575	1.876	1.796	39/64	0.627	0.591	1.75
1 1/8	1.149	1.098	1 13/16	1.813	1.756	2.093	2.002	11/16	0.718	0.658	2.00
1 1/4	1.277	1.223	2	2.000	1.938	2.309	2.209	25/32	0.813	0.749	2.00
1 3/8	1.404	1.345	2 3/16	2.188	2.119	2.526	2.416	27/32	0.878	0.810	2.25
1 1/2	1.531	1.470	2 3/8	2.375	2.300	2.742	2.622	15/16	0.974	0.902	2.25