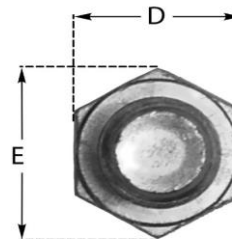
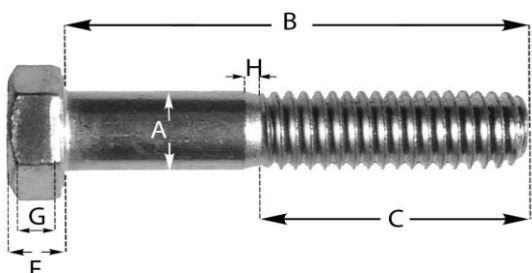




HEX CAP SCREWS



HEX CAP SCREWS

B: The length of Cap Screws is measured from the underhead bearing surface to the end of the screw.

Nominal or Basic Screw Diameter		A		C		D			E		F			G	H
		Body Diameter		Thread Length		Width Across Flats			Width Across Corners		Head Height			Wrenching Height	Transition Thread Length
				Screw Length <6 inches	Screw Length >6 inches										
		Max	Min	Ref	Ref	Basic	Max	Min	Max	Min	Basic	Max	Min	Min	Max
1/4	0.2500	0.2500	0.2450	0.750	1.000	7/16	0.438	0.428	0.505	0.488	5/32	0.163	0.150	0.106	0.250
5/16	0.3125	0.3125	0.3065	0.875	1.125	1/2	0.500	0.489	0.577	0.557	13/64	0.211	0.195	0.140	0.278
3/8	0.3750	0.3750	0.3690	1.000	1.250	9/16	0.562	0.551	0.650	0.628	15/64	0.243	0.226	0.160	0.312
7/16	0.4375	0.4375	0.4305	1.125	1.375	5/8	0.625	0.612	0.722	0.698	9/32	0.291	0.272	0.195	0.357
1/2	0.5000	0.5000	0.4930	1.250	1.500	3/4	0.750	0.736	0.866	0.840	5/16	0.323	0.302	0.215	0.385
9/16	0.5625	0.5625	0.5545	1.375	1.625	13/16	0.812	0.798	0.938	0.910	23/64	0.371	0.348	0.250	0.417
5/8	0.6250	0.6250	0.6170	1.500	1.750	15/16	0.938	0.922	1.083	1.051	25/64	0.403	0.378	0.269	0.455
3/4	0.7500	0.7500	0.7410	1.750	2.000	1-1/8	1.125	1.100	1.299	1.254	15/32	0.483	0.455	0.324	0.500
7/8	0.8750	0.8750	0.8660	2.000	2.250	1-5/16	1.312	1.285	1.516	1.465	35/64	0.563	0.531	0.378	0.556
1	1.000	1.000	0.9900	2.250	2.250	1-1/2	1.500	1.469	1.732	1.675	39/64	0.627	0.591	0.416	0.625
1-1/8	1.1250	1.1250	1.1140	2.250	2.750	1-11/16	1.688	1.631	1.949	1.859	11/16	0.718	0.658	0.461	0.714
1-1/4	1.2500	1.2500	1.2390	2.750	3.000	1-7/8	1.875	1.812	2.165	2.066	25/32	0.813	0.749	0.530	0.714
1-1/2	1.5000	1.5000	1.4880	3.250	3.500	2-1/4	2.250	2.175	2.598	2.480	1-5/16	0.974	0.902	0.640	0.833

Tolerance on Length		Nominal Screw Length				
		Nominal Screw Size	Up to 1", incl.	Over 1" to 2-1/2" incl.	Over 2-1/2" to 4" incl.	Over 4" to 6" incl.
		1/4 to 3/8	-0.03	-0.04	-0.06	-0.10
		7/16 and 1/2	-0.03	-0.06	-0.08	-0.10
		9/16 to 3/4	-0.03	-0.08	-0.10	-0.10
		7/8 and 1	n/a	-0.10	-0.14	-0.16
		1-1/8 to 1-1/2	n/a	-0.12	-0.16	-0.18