

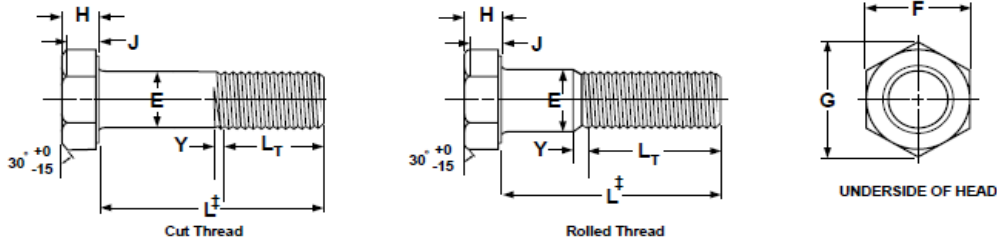


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### Hex Cap Screw Grade 2 Hot Dip Galvanized



Peco Catalog#	E Diameter			F Width			G Width		H Head			J Wrenching	Y Transitional	L Thread Length		
	Basic Diameter	Min	Max	Basic	Min	Max	Min	Max	Basic	Min	Max	Min	Max	Length < 6"	Length > 6"	
1/4	0.2500	0.245	0.2500	7/16	0.428	0.438	0.488	0.505	5/32	0.150	0.163	0.106	0.250	0.7500	1.000	
5/16	0.3125	0.3065	0.3125	1/2	0.484	0.500	0.557	0.577	13/64	0.195	0.211	0.140	0.278	0.8750	1.125	
3/8	0.3750	0.3690	0.3750	9/16	0.551	0.562	0.628	0.650	15/64	0.226	0.243	0.160	0.312	1.0000	1.250	
7/16	0.4375	0.4305	0.4375	5/8	0.612	0.625	0.698	0.722	9/32	0.272	0.291	0.195	0.357	1.1250	1.375	
1/2	0.5000	0.4930	0.5000	3/4	0.736	0.750	0.840	0.866	5/16	0.302	0.323	0.215	0.385	1.2500	1.500	
9/16	0.5625	0.5545	0.5625	13/16	0.798	0.812	0.910	0.938	23/64	0.348	0.371	0.250	0.417	1.3750	1.625	
5/8	0.6250	0.6170	0.6250	15/16	0.922	0.938	1.051	1.083	25/64	0.378	0.403	0.269	0.455	1.500	1.750	
3/4	0.7500	0.7410	0.7500	1-1/8	1.100	1.125	1.254	1.299	15/32	0.455	0.483	0.324	0.500	1.750	2.000	
7/8	0.8750	0.8660	0.8750	1-5/16	1.285	1.312	1.465	1.516	35/64	0.531	0.563	0.378	0.556	2.000	2.250	
1	1.0000	0.9900	1.0000	1-1/2	1.469	1.500	1.675	1.732	39/64	0.591	0.627	0.416	0.625	2.250	2.500	
1-1/8	1.1250	1.1140	1.1250	1-11/16	1.631	1.688	1.859	1.949	11/16	0.658	0.718	0.461	0.714	2.500	2.750	
1-1/4	1.2500	1.2390	1.2500	1-7/8	1.812	1.875	2.066	2.165	25/32	0.749	0.813	0.530	0.714	2.750	3.000	
1-1/2	1.5000	1.4880	1.5000	2-1/4	2.175	2.250	2.480	2.598	1-5/16	0.902	0.974	0.640	0.833	3.250	3.500	
Tolerance on Length	Screw Size		Screw Length													
			Up to 1"			Over 1" to 2-1/2"			Over 2-1/2" to 4"			Over 4" to 6"			Longer than 6"	
	1/4 to 3/8		+0.02, -0.03			+0.02, -0.04			+0.04, -0.06			+0.06, -0.10			+0.10, -0.18	
	7/16 to 1/2		+0.02, -0.03			+0.04, -0.06			+0.06, -0.08			+0.08, -0.10			+0.12, -0.18	
	9/16 to 3/4		+0.02, -0.03			+0.06, -0.08			+0.08, -0.10			+0.10, -0.10			+0.14, -0.18	
7/8 to 1					+0.08, -0.10			+0.10, -0.14			+0.12, -0.16			+0.16, -0.20		
1-1/8 to 1-1/2					+0.10, -0.12			+0.12, -0.16			+0.14, -0.18			+0.18, -0.22		
ASME B18.2.1-1996					1/4" - 3/4" ≤ 6" Length			1/4" - 3/4" ≥ 6" Length			7/8" - 1-1/2" Any Length					
Hardness		Rockwell			B80 - B100			B70 - B100			B70 - B100					
Elongation		All Diameters 18% min														
Proof Load		PSI			55,000			33,000			33,000					
Yield Length		PSI			57,000 minimum			36,000 minimum			36,000 minimum					
Tensile Strength		PSI			74,000 minimum			60,000 minimum			60,000 minimum					
Material		AISI 1006 - 1050 or equivalent Steel														
HDG Plating		3/8 Dia & Smaller - .0017 average coating thickness * 1/2 Dia & Larger - .0021 average coating thickness														

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