



Atlanta, Georgia

Phone 800-521-7326

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Hex Lag Screws Zinc, Stainless, and Hot-Dip Galvanized



Basic Diameter	Threads Per Inch	E		F			G		H			S	
		Shoulder Diameter		Width Across Flats			Width Across Corners		Head Height			Shoulder Length	
		Min	Max	Basic	Min	Max	Min	Max	Basic	Min	Max	Min	
10	0.1900	11	0.178	0.199	9/32	0.271	0.281	0.309	0.323	1/8	0.110	0.140	0.094
1/4	0.2500	10	0.237	0.260	7/16	0.425	0.438	0.484	0.505	11/64	0.150	0.188	0.094
5/16	0.3125	9	0.298	0.324	1/2	0.484	0.500	0.552	0.577	7/32	0.195	0.235	0.125
3/8	0.3750	7	0.360	0.388	9/16	0.544	0.562	0.620	0.650	1/4	0.226	0.268	0.125
7/16	0.4375	7	0.421	0.452	5/8	0.603	0.625	0.687	0.722	19/64	0.272	0.316	0.156
1/2	0.5000	6	0.482	0.515	3/4	0.725	0.750	0.826	0.866	11/32	0.302	0.364	0.156
5/8	0.6250	5	0.605	0.642	15/16	0.906	.0938	1.033	1.083	27/64	0.378	0.444	0.312
3/4	0.7500	4-1/2	0.729	0.768	1-1/8	1.088	1.125	1.240	1.299	1/2	0.455	0.524	0.375
7/8	0.8750	4	0.852	0.895	1-5/16	1.269	1.312	1.447	1.516	37/64	0.531	0.604	0.375

Tolerance on Length	Screw Size	Screw Length			
		Thru 6"	Over 6"		
	1/2 and smaller	±0.12	±0.25		
	Over 1/2	±0.25	±0.25		

Hardness  
Tensile Strength  
Material  
Minimum Thread Length  
Heat Treatment

	1/4" through 1/2" Diameter Steel	1/4" through 1/2" Diameter Stainless Steel
Rockwell	B70 - B100	B95 - C32
psi	60,000 min	≈ 100,000 -125,000
	AISI 1006-1022 or equivalent	
	18-8 Stainless	
	The minimum thread length is 1/2 of the length of the screw plus 1/2" or 5" whichever is shorter.	
	Stainless: The alloys develop their strength through work hardening during the manufacturing process. See hardness properties above. The only heat treatment normally available is annealing which is done at approximately 1900°F to a dead soft condition and is not reversible.	

Peco Fasteners specification sheets are a reference guide to help in the selection of fasteners. Peco has made every effort to ensure the accuracy of the information. However, Peco Fasteners is not responsible for any errors that may be contained within these sheets. Peco Fasteners makes no claim of warranty in the accuracy of this information. Users of this information are solely responsible for protecting themselves against liability. It is solely the responsibility of the purchasers and users of these fasteners to consult with Engineers that are experts in an applicable field. Peco Fasteners is not responsible for any loss, claim, or damage due to these specification sheets.



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