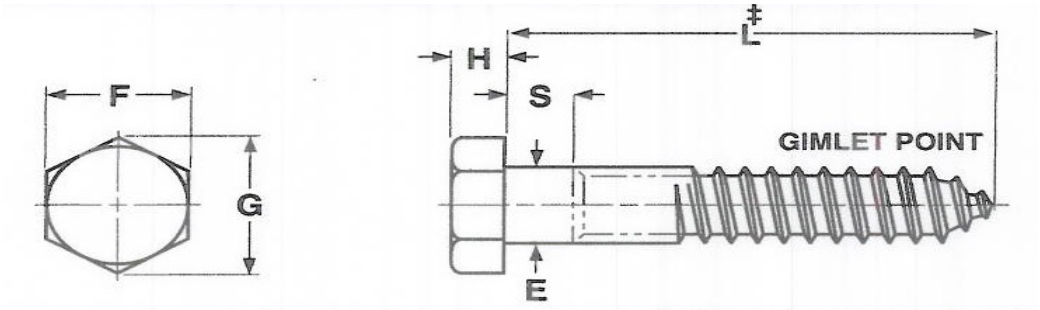
Atlanta, Georgia

Phone 800-521-7326 Fax 770-745-1333

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



Basic Diameter		Threads Per Inch	E Shoulder Diameter Min	E Shoulder Diameter Max	F Width Across Flats Basic	F Width Across Flats Min	F Width Across Flats Max	G Width Across Corners Min	G Width Across Corners Max	H Head Height Basic	H Head Height Min	H Head Height Max	S Shoulder Length 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"	Screw Length Over 6"		
	1/2 and smaller	±0.12	±0.25		
	Over 1/2	±0.25	±0.25		

		1/4" through 1/2" Diameter Steel	1/4" through 1/2" Diameter Stainless Steel
Hardness	**Rockwell**	B70 - B100	B95 - C32
Tensile Strength	**psi**	60,000 min	≈ 100,000 -125,000
Material		AISI 1006-1022 or equivalent	18-8 Stainless
Minimum Thread Length	The minimum thread length is 1/2 of the length of the screw plus 1/2" or 5" whichever is shorther.		
Heat Treatment	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.		

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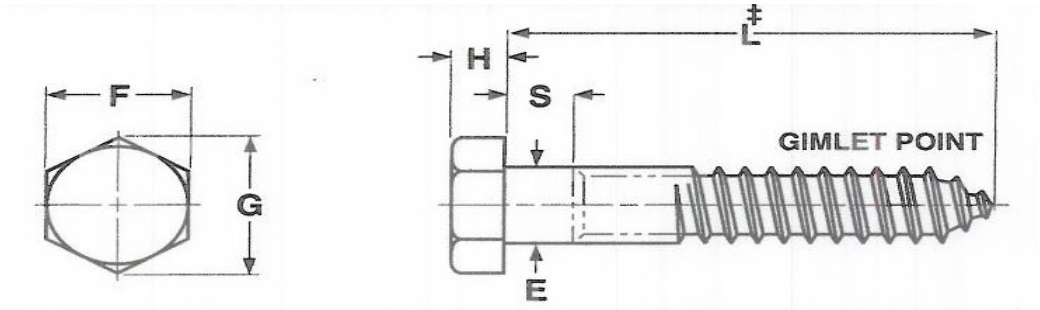

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