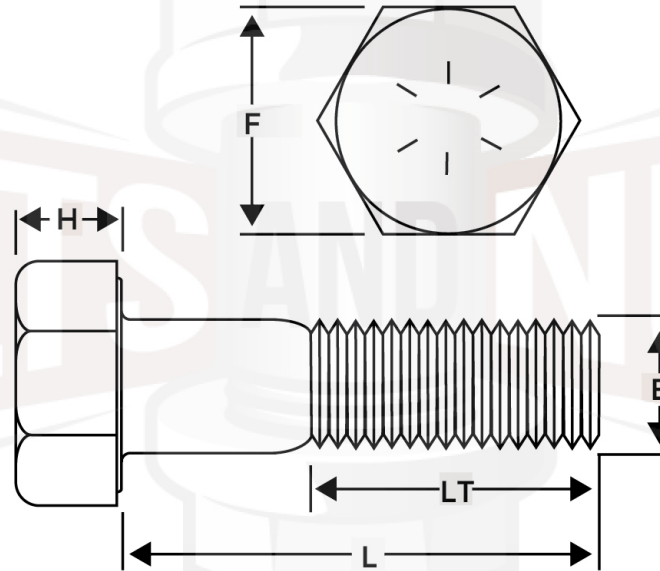




## Grade 8 Hex Head Cap Screws



Nominal Size or Basic Bolt Diameter	F		H		E		LT
	Width Across Flats		Height of Head		Full Size Body Diameter		
	Max	Min	Max	Min	Max	Min	
1/4"	0.438	0.428	0.163	0.150	0.2500	0.2450	1-1/4" and Longer
5/16"	0.500	0.489	0.211	0.195	0.3125	0.3065	1-1/2" and Longer
3/8"	0.562	0.551	0.243	0.226	0.3750	0.3690	1-1/2" and Longer
7/16"	0.625	0.612	0.291	0.272	0.4375	0.4305	1-3/4" and Longer
1/2"	0.750	0.736	0.323	0.302	0.5000	0.4930	2" and Longer
9/16"	0.812	0.798	0.371	0.348	0.5625	0.5545	2-1/4" and Longer
5/8"	0.938	0.922	0.403	0.378	0.6250	0.6170	2-1/4" and Longer
3/4"	1.125	1.100	0.483	0.455	0.7500	0.7410	2-3/4" and Longer
7/8"	1.312	1.285	0.563	0.531	0.8750	0.8660	3" and Longer
1"	1.500	1.469	0.627	0.591	1.0000	0.9900	3-1/4" and Longer

**Dimensions: ASME B18.2.1**

**Material: SAE J429 Grade 8**

**Tensile Strength: 150,000PSI Minimum**

**Threading: ASME B1.1, UNC & UNF, Class 2A**

**Headmark: 6 Radial Lines 60 Degrees Apart & MFG ID**

440.606.6557

www.boltsandnuts.com

info@boltsandnuts.com

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