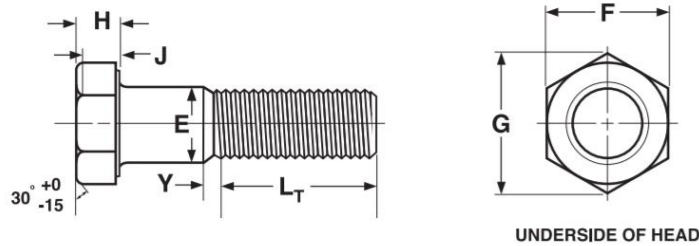


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An **AMERICAN** Source For Premier
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GRADE 8 HEX BOLT –STEEL-ZINC

The following Specification Sheet applies to all **Grade 5 Hex Bolt –Steel-Zinc** in our **G5HC** and **G8HC** and **JG8HC** series.



Nominal Size or Basic Product Diameter		E		F		H	
		Body Diameter		Width Across Flats		Head Height	
		Max.	Min.	Max.	Min.	Max.	Min.
1/4	.2500	.2500	.2450	.438	.428	.163	.150
5/16	.3125	.3125	.3065	.500	.489	.211	.195
3/8	.3750	.3750	.3690	.562	.551	.243	.226
7/16	.4375	.4375	.4305	.625	.612	.291	.272
1/2	.5000	.5000	.4930	.750	.736	.323	.302
5/8	.6250	.6250	.6170	.938	.922	.403	.378
3/4	.7500	.7500	.7410	1.125	1.100	.483	.455
1	1.0000	1.0000	.9900	1.500	1.469	.627	.591

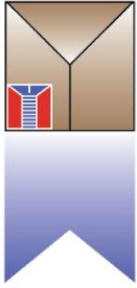
Metallics

229 Cross Street
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Description	A cap screw made from medium carbon steel and heat-treated.
Material	Medium carbon steel. Use of an alloy steel is also acceptable.
Core Hardness	Rockwell C33 - C39
Surface Hardness	Rockwell 30N58.6 maximum
Proof Load	120,000 psi.
Yield Strength*	130,000 psi minimum
Tensile Strength	150,000 psi minimum
Elongation*	12% minimum
Reduction of Area*	35% minimum all sizes

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