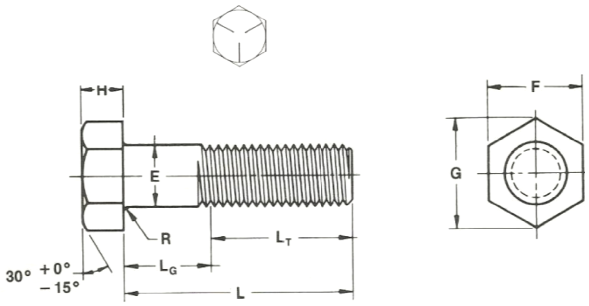
HEX BOLTS ASTM SAE J429 B18.2.1 GRADE 5 UNC:



MATERIAL:SAE 1045

MECHANICAL REQUIREMENTS:

Grade	Proof load (KSI)	Tensile (KSI)	Yield (KSI)	Elongation (%)	Reduction (%)	Hardness Rockwell
GR-5	85-74	120-105	92-85	14	35	1/4"-1": C34-C25
						1-1/8"-2-1/2": C30-C19

DIMENSIONS:

Nomimal Size	E	F		G		H		Lt	
	Body Dia	Width Acroos Flats		Width Acroos Corners		Height		Thread Length	
								L≤6"	L>6"
	Max	Max	Min	Max	Min	Max	Min	Basic	Basic
1/2"-13	0.500	0.750	0.736	0.886	0.840	0.323	0.302	1.250	1.500
5/8"-12	0.625	0.938	0.922	1.083	1.051	0.403	0.378	1.500	1.750
3/4"-10	0.750	1.125	1.100	1.299	1.254	0.483	0.455	1.750	2.000
7/8"-9	0.875	1.312	1.285	1.516	1.465	0.563	0.531	2.000	2.250
1"-8	1.000	1.50	1.469	1.732	1.675	0.627	0.591	2.250	2.500
1-1/8"-7	1.125	1.688	1.631	1.949	1.859	0.718	0.658	2.500	2.750
1-1/4"-7	1.250	1.875	1.812	2.165	2.066	0.813	0.749	2.750	3.000
1-3/8"-6	1.375	2.062	1.994	2.382	2.273	0.878	0.810	3.000	3.250
1-1/2"-6	1.500	2.250	2.175	2.598	2.480	0.974	0.902	3.250	3.500
1-3/4"-5	1.750	2.625	2.538	3.031	2.893	1.134	1.054	3.750	4.000
2"-4-1/2	2.000	3.000	2.900	3.464	3.306	1.263	1.175	4.250	4.500
2-1/4"-4-1/2	2.250	3.375	3.262	3.897	3.719	1.423	1.327	4.750	5.000
2-1/2"-4	2.500	3.750	3.625	4.330	4.133	1.583	1.479	5.250	5.500

FINISH AND COATING:black,black oxcide,yellow/white zinc,hot dip galvanized

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