

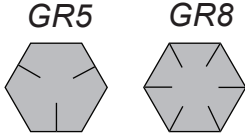
INDUSTRIAL THREADED PRODUCTS INC.

13580 FIRESTONE BLVD. , SANTA FE SPRINGS, CA 90670

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HEX BOLTS GRADE 5 AND 8



SUBMITTAL SPECIFICATIONS

Abstract of SAE J429

CHEMICAL REQUIREMENTS

Chemical analysis shall be performed in accordance with SAE J429

	CARBON		PHOSPHOROUS		SULFUR	
	MIN	MAX	MIN	MAX	MIN	MAX
GRADE 5	0.28	0.55	-	0.05	-	0.06
GRADE 8	0.28	0.55	-	0.04	-	0.05

MECHANICAL REQUIREMENTS

	HARDNESS ROCKWELL		TENSILE STRENGTH (KSI)		PROOF LOAD (KSI)		ELONGATION
	MIN	MAX	MIN	MAX	MIN	MAX	
GRADE 5	C19	C34	105	120	75	85	14
GRADE 8	C33	C39	150	-	120	-	12

GRADE: CARBON STEEL GRADES 1 THROUGH 8

<input type="checkbox"/> Hex Nuts ASTM A563	<input type="checkbox"/> Hex Nuts Grade 5 SAE J995	<input type="checkbox"/> Hex Nuts Grade 8 SAE J995
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<input type="checkbox"/> Washers ASTM F844-04 (ASME B18.22.1)

BOLTS AND NUTS MAY BE SUPPLIED

<input type="checkbox"/> Plain	<input type="checkbox"/> Zinc Plated	<input type="checkbox"/> Hot Dip Galvanized	<input type="checkbox"/> Blue Xylan
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LOCATION

<input type="checkbox"/> Buried	<input type="checkbox"/> Submerged	<input type="checkbox"/> Above Grade	<input type="checkbox"/> Below Grade	<input type="checkbox"/> Other
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DIMENSIONAL DATA: Unless otherwise specified, threads shall be the coarse threaded series as specified in the latest issue of ANSI / ASME B1.1, page A-26. Having a class 2A tolerance. Bolts shall be Hex Bolts with dimensions as given in the latest issue of ANSI / ASME B 18.2.1, page C1.

ADDITIONAL INFORMATION: Additional information can be found in SAE J429 and ASTM A563.