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Submittal Specifications

Abstract of ASTM A307

Hex Bolt



Chemical Requirements

Chemical Analyses Shall Be Performed in Accordance with ASTM A751

	Heat Analysis	Product Analysis
Carbon Max.	0.29	0.33
Manganese Max.	1.20	1.25
Phosphorous Max	0.04	0.041
Sulfur Max.	0.15	A

^A Resulfurized steel is not subject to rejection based on product analysis for sulfur.

Mechanical Requirements

Hardness Rockwell B			Tensile Strength Min.
	Min	Max	60 KSI
Less than 3 x dia	69	100	
3 x dia and longer	...	100	

<input type="checkbox"/> Low Carbon Steel Hex Nut A563 Gd A or SAE J995 Grade 2	<input type="checkbox"/> Heavy Hex Nuts ASTM A563 (ASME B18.2.2)
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<input type="checkbox"/> Low Carbon Flat Washer

Dimensional Data: Unless otherwise specified in the purchase order, shall be threaded in accordance with ASME B18.2.1. For complete spec please see ASTM A307.