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**Submittal Specifications**

Abstract of ASTM A307 B  
 Grade: Low Carbon Steel 60,000 PSI

**Hex Bolt**



**Chemical Requirements**

Chemical Analyses Shall Be Performed in Accordance with ASTM A751

Carbon Max.	0.29
Manganese Max.	1.20
Phosphorous Max	0.04
Sulfur Max.	0.15

**Mechanical Requirements**

HARDNESS ROCKWELL		HARDNESS BRINELL		TENSILE STRENGTH (KSI)	
MIN	MAX	MIN	MAX	MIN	MAX
121	212	69	95	60	100

<input type="checkbox"/> HEAVY HEX NUT ATSM A563 (ASME B18.2.2)	<input type="checkbox"/> USS FLAT WASHER LOW CARBON STEEL
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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. Unless otherwise specified Grade B Bolts should be used with Heavy Hex Nuts.