

Hex Bolts ASTM A307 Gr. A

SUBMITTAL SPECIFICATION

Abstract of ASTM A307-10

Material Grade: Low Carbon Steel 60,000 PSI Tensile

Chemical Requirements (%)

Chemical Analysis shall be performed in accordance with ASTM A751

Carbon Max	Manganese Max	Phosphorus Max	Sulfur Max
0.29	1.20	0.04	0.15

Mechanical Requirements

TENSILE (KSI)	ELONGATION IN 2 IN. MIN (%)	HARDNESS BRINELL	HARDNESS ROCKWELL
MIN: 60	MIN: 18	MIN: 121	MIN: 69
MAX:-	MAX: -	MAX: 241	MAX: 100

Recommended Hardware:

SIZE INCHES	NUTS	WASHERS
1/4 TO 1-1/2	A563A HEX	F844
OVER 1-1/2 TO 4	A563A HVY HEX	F844

Marking: Manufacturers ID Plus 307A

Finish Options:

Plain

Zinc to ASTM B633 TYII

HDG to ASTM A153*F2329

Additional information can be found in ASTM A307-10 and ASTM A563-07A