



HEX BOLT 307A

Low carbon steel 60,000 PSI

Chemical Requirements

- Carbon max 0.29
- Manganese max 1.20
- Phosphorus max 0.04
- Sulfur max 0.15

Mechanical Requirements

- | | | | | |
|--------------------------|-----|----|--------------|-----|
| ➤ Hardness HRB | Min | 69 | Max | 100 |
| ➤ Tensile Strength (KSI) | Min | 60 | Max | |
| ➤ Elongation | Min | 18 | In 2" (50mm) | |



Dimensional Data

- Hex bolt dimensions as given in the latest issue of ANSI/ASME B 18.2.1 Page C1. Threads shall be course thread series as specified in the latest issue ANSI/ASME B1.1, page A-26. Having a class 2A tolerance.
- Unless otherwise specified. Hex nuts ASTM A563 ASME B18.2.2
- The above information is the abstract of ASTM A307 Grade A
- Additional information can be found in ASTM A307 DTD 2001, ASTM A563, DTD 2001.

