

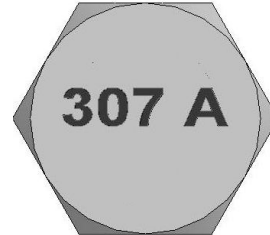


HEX BOLT A307 A

Low carbon steel 60,000 PSI

Chemical Requirements

- Carbon max 0.29
- Manganese max 0.90
- Phosphorous max 0.04
- Sulfur max 0.15



Mechanical Requirements

- Hardness Brinel Min 121 Max 241
- Hardness Rockwell Min 69 Max 100
- Tensile strength (KSI) Min 60 Max ---
- Elongation Min 18 IN 2in (50mm)

Black Plain

Zinc Plated
ASTM B633

Hot Dip Galv
ASTM A153

FlourKote #1

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 of 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.