



HEAVY HEX BOLT 307B

Low carbon steel 60,000 PSI

Chemical Requirements

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

Mechanical Requirements

- | | | | | |
|--------------------------|-----|----|--------------|-----|
| ➤ Hardness HRB | Min | 69 | Max | 95 |
| ➤ Tensile Strength (KSI) | Min | 60 | Max | 100 |
| ➤ Elongation | Min | 18 | In 2" (50mm) | |



Dimensional Data

- Grade B bolts shall have a heavy hex bolt dimensions as given in the latest of ANSI/ASME B 18.2.1 page C1.
- Having a class 2A tolerance
- Unless otherwise specified, threads shall be the coarse thread series as specified in the last issue on ANSI/ASME B1.1, page A-26
- Unless otherwise specified Grade B bolts should be used with heavy hex nuts.

