

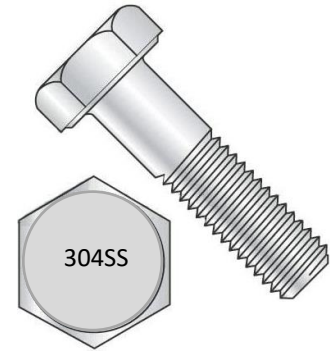


HEX HEAD BOLT 304 SS

Un-stabilized 18 Chromium 8 Nickel (AISI Type 304)

Chemical Requirements

- Carbon max 0.080
- Manganese max 2.00
- Phosphorous max 0.045
- Sulfur max 0.030
- Silicon max 1.00
- Chromium 18-20
- Nickel 8-10.5
- Copper 1.00



Mechanical Requirements

- Hardness Rockwell Min B80-c32
- Tensile strength (KSI) Min 85
- Yield Strength (KSI) Min 45
- Elongation 25

Dimensional Data

- Unless otherwise specified in the purchase order, shall be threaded in accordance with ANSI/ASME B18.2.1, page C-1 for hex cap screws (finish hex bolts).
- Additional information can be found is ASTM F593, DTD 1998 (Stainless Steel bolts, Hex Cap Screws) and in ASTM F594, DTD 1998 (Stainless Steel Nuts).

