



## HEX BOLT T-304

Unstabilized 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

Hex Nuts ASTM F594 (ASME B18.2.2)     Heavy Hex Nuts ASTM F594 (ASME B18.2.2)

T-304 Stainless Steel Washers

Buried     Submerged     Above Grade     Below Grade     Other

### 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 (finished hex bolts).
- Additional information can be found in ASTM F593, DTD 1998 (Stainless Steel Bolts, Hex Cap Screws) and in ASTM F594, DTD 1998 (Stainless Steel Nuts).

Available USA Manufactured