

# SUBMITTAL

## 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).

**TRIPAC**

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