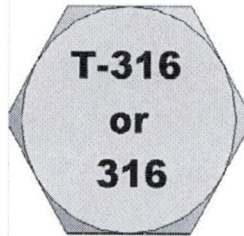


HEX BOLT T-316 – ASTM F593

18 Chromium, 10 Nickel, 2 Molybdenum (AISI T-316)

Chemical Requirements

- Carbon max 0.080
• Manganese max 2.00
• Phosphorous max 0.045
• Sulfur max 0.030
• Silicon max 1.00
• Chromium 16-18
• Nickel 10-14
• Molybdenum 2-3



Mechanical Requirements

Table with 3 columns: Property, Cold Worked, Hot Forged. Rows include Hardness Rockwell, Tensile strength (KSI) for various diameters, Yield Strength (KSI), and Elongation.

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

T-316 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).