

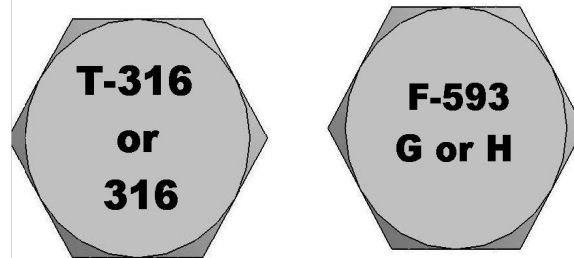


HYDRANT BREAK-OFF T-316

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



Mechanical Requirements (Before Drilling)

- 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-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).
- Break-Off Bolts have a hole drilled in the shank with the dimensions of 11/32 inch (for 5/8" bolts) and 13/32 inch (for 3/4" bolts) and 2 3/8 inches deep.