

View Online at <https://aerobasegroup.com/nsn/5305-01-513-8799>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.464 inches and 0.474 inches

**Fastener Length:**

Between 1.329 inches and 1.359 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

Between 0.623 inches and 0.633 inches

**Spline Major Diameter:**

Between 0.154 inches and 0.156 inches

**Grip Diameter:**

0.311 inches

**Point Diameter:**

0.469 inches

**Point Style:**

Flat

**Internal Drive Style:**

Torx

**End Application:**

Item used on fighter aircraft-first (f18 e/f)

**Thread Diameter:**

0.312 inches

**Grip Length:**

Between 0.865 inches and 0.885 inches

**Thready Qty Per Inch (tpi):**

24

**Countersink Angle:**

Between 99.0 degrees and 101.0 degrees

**Product Name:**

Bolt, 100 degree tension head, gear drive recess

**Special Features:**

125 ksi shear strength

**Material:**

Nickel alloy 718

**Material Specification:**

Ams 5662 assn standard single material response

**Surface Treatment:**

Passivate

**Thread Series Designator:**

Unjf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0