

View Online at <https://aerobasegroup.com/nsn/5305-01-481-0010>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.735 inches

**Fastener Length:**

Between 2.4700 inches and 2.5000 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

Between 1.0001 inches and 1.0139 inches

**Spline Minor Diameter:**

Between 0.3135 inches and 0.3185 inches

**Spline Major Diameter:**

Between 0.4440 inches and 0.4490 inches

**Grip Diameter:**

Between 0.4985 inches and 0.4990 inches

**Internal Drive Style:**

Torx

**End Application:**

F18 e/f

**Thread Diameter:**

0.500 inches

**Grip Length:**

Between 1.7400 inches and 1.7600 inches

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

20

**Countersink Angle:**

Between 99.0 degrees and 101.0 degrees

**Product Name:**

Bolt, 100 degree tension head, gear drive recess-ph13-8mo (125 ksi shear), inconel 718 (125 ksi shear), 6al-4v titanium (95 ksi shear)

**Material:**

Steel comp xm-13

**Material Specification:**

Ams 5629 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

**Fig:**

A003b0