

View Online at <https://aerobasegroup.com/nsn/5305-01-500-8237>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.425 inches

**Fastener Length:**

Between 1.098 inches and 1.128 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

Between 0.4970 inches and 0.5066 inches

**Spline Minor Diameter:**

Between 0.1570 inches and 0.1600 inches

**Spline Major Diameter:**

Between 0.2195 inches and 0.2225 inches

**Grip Diameter:**

Between 0.2485 inches and 0.2495 inches

**Internal Drive Style:**

Torx

**End Application:**

F18 e/f

**Thread Diameter:**

0.250 inches

**Grip Length:**

Between 0.678 inches and 0.698 inches

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

28

**Countersink Angle:**

Between 99.0 degrees and 101.0 degrees

**Criticality Code Justification:**

Agav

**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)

**Special Features:**

125 ksi ultimate 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:**

--

**Demilitarization:**

No

**Fiig:**

A003b0