

View Online at <https://aerobasegroup.com/nsn/5305-01-469-2871>

**Thread Class:**

3a

**Thread Direction:**

Left-hand

**Thread Length:**

Between 0.106 inches and 0.116 inches

**Fastener Length:**

Between 1.160 inches and 1.190 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

Between 0.358 inches and 0.365 inches

**Spline Minor Diameter:**

Between 0.1105 inches and 0.1125 inches

**Spline Major Diameter:**

Between 0.1540 inches and 0.1560 inches

**Grip Diameter:**

Between 0.2490 inches and 0.2495 inches

**Single Shear Strength:**

125000 pounds per square inch

**Internal Drive Style:**

Torx

**End Application:**

F18 e/f

**Thread Diameter:**

0.025 inches

**Grip Length:**

Between 0.740 inches and 0.760 inches

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

28

**Min. Tensile Strength (psi):**

4400 pounds per square inch

**Countersink Angle:**

Between 99.0 degrees and 101.0 degrees

**Criticality Code Justification:**

Agav

**Product Name:**

Bolt, 100 degree reduced head, gear drive recess - ph13-8m (125 ksi shear)

**Special Features:**

Chamfered end - chamfer plus incomplete threads not to exceed 2 thread pitches

**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

**Fiig:**

A003b0