

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