

View Online at <https://aerobasegroup.com/nsn/5307-00-169-8403>

**Thread Class:**

3a nut thread

**Thread Pitch Diameters:**

+0.2218/+0.2233 inches stud thread

**Thread Direction:**

Right-hand stud thread

**Thread Length:**

0.428 inches and 0.448 inches nut thread

**Overall Length:**

Between 1.115 inches and 1.135 inches

**Distance From Cotter Pin Hole Centerline To Nut End:**

0.100 inches and 0.120 inches first hole

**Cotter Pin Hole Diameter:**

0.065 inches first hole and 0.072 inches first hole

**End Application:**

Spec item

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

28 stud thread

**Hardness Rating:**

Between 26.0 rockwell c and 32.0 rockwell c

**Thread Size:**

0.250 inches stud thread

**Surface Finish:**

63.0 microinches shank

**Material:**

Steel comp 8740

**Material Specification:**

Ams 6322 assn standard single material response

**Surface Treatment:**

Cadmium

**Surface Treatment Specification:**

Ams 2400 assn standard single treatment response

**Thread Series Designator:**

Uns stud thread

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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