

View Online at <https://aerobasegroup.com/nsn/5307-01-383-4003>

**Thread Class:**

3a nut thread

**Thread Pitch Diameters:**

+0.2248/+0.2263 inches stud thread

**Thread Direction:**

Right-hand stud thread

**Thread Length:**

0.788 inches stud thread

**Overall Length:**

1.250 inches

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

28 nut thread

**Hardness Rating:**

Between 26.0 rockwell c and 32.0 rockwell c

**Thread Size:**

0.250 inches stud thread

**Criticality Code Justification:**

Thsd

**Surface Finish:**

63.0 microinches shank

**Special Features:**

Nut and stud threads are safety critical; nut thread per mil-s-7742 under application category safety critical, stud thread is unified form special per fed-std-h28/2. Apply one coat of mil-p-23377, type 1, cl 1 or 3 and two top coats of mil-c-46168, color code 33538 per fed-std-595 to top of nut end

**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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