

View Online at <https://aerobasegroup.com/nsn/5307-00-639-3980>

**Thread Class:**

3a nut thread

**Thread Pitch Diameters:**

+0.4613 to 0.4628 inches stud thread

**Thread Direction:**

Right-hand stud thread

**Thread Length:**

0.580 inches and 0.640 inches nut thread

**Shoulder Diameter:**

Between 0.670 inches and 0.690 inches

**Shoulder Length:**

Between 0.050 inches and 0.070 inches

**Overall Length:**

1.850 inches

**Nut End Shank Length:**

Between 0.663 inches and 0.723 inches

**Features Provided:**

Casehardened

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

24 nut thread

**Hardness Rating:**

Between 26.0 rockwell c and 32.0 rockwell c

**Thread Size:**

0.500 inches stud thread

**Stud End Shank Length:**

Any acceptable

**Stud End Shank Diameter:**

0.426 inches

**Surface Finish:**

63.0 microinches shank

**Nut End Shank Diameter:**

0.310 inches

**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

**Style Designator:**

Shouldered and stepped

**Thread Series Designator:**

Uns stud thread

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A051a0