

View Online at <https://aerobasegroup.com/nsn/5307-00-685-3285>

**Thread Class:**

1a nut thread

**Thread Pitch Diameters:**

+0.4553/+0.4568 inches stud thread

**Thread Direction:**

Right-hand stud thread

**Thread Length:**

0.871 inches stud thread

**Shoulder Diameter:**

Between 0.548 inches and 0.552 inches

**Shoulder Length:**

Between 0.093 inches and 0.095 inches

**Overall Length:**

Between 2.050 inches and 2.070 inches

**Nut End Shank Length:**

Between 0.278 inches and 0.298 inches

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

13

**Hardness Rating:**

Between 24.0 rockwell c and 37.0 rockwell c

**Thread Size:**

0.500 inches stud thread

**Stud End Shank Diameter:**

0.310 inches

**Nut End Shank Diameter:**

0.330 inches

**Material:**

Iron alloy 660

**Material Specification:**

Ams 5735 assn standard single material response

**Surface Treatment:**

Passivate

**Style Designator:**

Shouldered and stepped

**Thread Series Designator:**

Uns stud thread

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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