

View Online at <https://aerobasegroup.com/nsn/5307-00-637-0856>

**Thread Pitch Diameters:**

+0.7044/+0.7084 inches stud thread

**Thread Direction:**

Right-hand stud thread

**Thread Length:**

1.218 inches nut thread

**Shoulder Diameter:**

Between 1.120 inches and 1.210 inches

**Shoulder Length:**

Between 0.190 inches and 0.220 inches

**Overall Length:**

Between 3.710 inches and 3.830 inches

**Nut End Shank Length:**

Between 1.030 inches and 1.060 inches

**End Application:**

Aircraft, t-39; shipboard material handling equipment (mhe); trailer, sem (m870); refrigeration systems; water purification unit, reverse osmosis (rowpu) ; cargo system, 463l

**Distance Across Flats:**

Between 0.910 inches and 0.940 inches

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

16 stud thread

**Hardness Rating:**

Between 18.0 rockwell c and 28.0 rockwell c

**Thread Size:**

0.750 inches stud thread

**Stud End Shank Length:**

0.210 inches

**Stud End Shank Diameter:**

Between 0.910 inches and 0.940 inches

**Nut End Shank Diameter:**

Between 0.783 inches and 0.786 inches

**Special Features:**

0.125 in. Radius between wrench flat shoulder and nut end

**Material:**

Steel

**Style Designator:**

Shouldered

**Thread Series Designator:**

Uns nut thread

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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