

View Online at <https://aerobasegroup.com/nsn/5307-00-182-5879>

**Thread Class:**

3a stud thread

**Thread Direction:**

Right-hand nut thread

**Thread Length:**

0.770 inches nut thread

**Shoulder Length:**

0.380 inches

**Overall Length:**

2.240 inches

**Nut End Shank Length:**

0.160 inches

**Distance Across Flats:**

Between 0.740 inches and 0.750 inches

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

20 stud thread

**Hardness Rating:**

Between 43.0 rockwell c and 46.0 rockwell c

**Thread Size:**

0.500 inches stud thread

**Surface Finish:**

125.0 microinches

**Nut End Shank Diameter:**

Between 0.426 inches and 0.431 inches

**Special Features:**

Shoulder shape square

**Material:**

Steel comp e4340 or steel comp 4340

**Material Specification:**

Mil-s-5000 military specification all material responses

**Surface Treatment:**

Cadmium

**Style Designator:**

Shouldered

**Test Data Document:**

81349-mil-i-6868 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Thread Series Designator:**

Unf stud thread

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A051a0

**Mil-std (military Standard):**

Mil-s-5000 spec.