

View Online at <https://aerobasegroup.com/nsn/5306-00-281-2851>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.567 inches and 0.617 inches

**Fastener Length:**

Between 3.747 inches and 3.767 inches

**Shoulder Diameter:**

0.7480 inches first shoulder and 0.7490 inches first shoulder

**Shoulder Length:**

3.000 inches first shoulder

**Shank Unthreaded Hole Diameter:**

0.106 inches first hole and 0.116 inches first hole

**Thread Diameter:**

0.500 inches

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

20

**Min. Tensile Strength (psi):**

270000 pounds per square inch

**Hardness Rating:**

53.0 rockwell c and 56.0 rockwell c

**Criticality Code Justification:**

Aatn

**Distance From Head Largest Bearing Surface To Shank Hole Center:**

3.500 inches first hole and 3.540 inches first hole

**Shoulder Shape:**

Round first shoulder

**Material:**

Steel comp 6150

**Surface Treatment:**

Cadmium

**Surface Treatment Specification:**

Mil-c-8837 type 2 cl 2 military specification single treatment response

**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:**

Unjf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0

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

Mil-c-8837 spec.