

View Online at <https://aerobasegroup.com/nsn/5306-00-297-2959>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.397 inches and 0.417 inches

**Fastener Length:**

Between 1.778 inches and 1.783 inches

**Head Style:**

Hexagon

**Head Height:**

Between 0.302 inches and 0.322 inches

**Width Between Flats:**

Between 0.928 inches and 0.948 inches

**Shoulder Diameter:**

0.6234 inches first shoulder and 0.6240 inches first shoulder

**Shoulder Length:**

1.294 inches first shoulder and 1.299 inches first shoulder

**Shank Unthreaded Hole Diameter:**

0.107 inches first hole

**Thread Diameter:**

0.500 inches

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

20

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

180000 pounds per square inch

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

1.606 inches first hole and 1.621 inches first hole

**Shoulder Shape:**

Round first shoulder

**Material:**

Steel comp 4340 or steel

**Material Specification:**

Mil-s-5000 military specification 2nd material response

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0

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

Mil-s-5000 spec.