

View Online at <https://aerobasegroup.com/nsn/5306-01-311-7131>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.670 inches and 0.720 inches

**Fastener Length:**

Between 3.145 inches and 3.180 inches

**Head Style:**

Hexagon

**Head Height:**

Between 0.328 inches and 0.360 inches

**Width Between Flats:**

Between 0.928 inches and 0.940 inches

**Shoulder Diameter:**

0.898 inches first shoulder

**Shoulder Length:**

2.385 inches first shoulder and 2.395 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):**

160000 pounds per square inch

**Hardness Rating:**

36.0 rockwell c and 40.0 rockwell c

**Minimum Yield Strength:**

150000 pounds per square inch

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

2.919 inches first hole and 2.974 inches first hole

**Shoulder Shape:**

Round first shoulder

**Product Name:**

Navy special project

**Special Features:**

Thread relief length min0.050, max0.100

**Material:**

Titanium alloy uns r56400

**Material Specification:**

Ams 4967 assn standard single material response

**Thread Series Designator:**

Unjf

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A003b0