

View Online at <https://aerobasegroup.com/nsn/5306-00-558-8398>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.500 inches and 0.510 inches

**Fastener Length:**

1.950 inches

**Head Style:**

Hexagon

**Head Height:**

0.100 inches

**Width Between Flats:**

1.250 inches

**Shoulder Diameter:**

0.8743 inches and 0.8745 inches first shoulder

**Shoulder Length:**

1.440 inches and 1.450 inches first shoulder

**Shank Unthreaded Hole Diameter:**

0.129 inches first hole

**Thread Diameter:**

0.625 inches

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

18

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

180000 pounds per square inch

**Hardness Rating:**

39.0 rockwell c and 43.0 rockwell c

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

1.780 inches first hole

**Shoulder Shape:**

Round first shoulder

**Product Name:**

Navy special project

**Material:**

Steel comp 4140

**Material Specification:**

Mil-s-5626 military specification single material response

**Surface Treatment:**

Cadmium or chromium

**Surface Treatment Specification:**

Cva-2, fscm 80378 mfr ref 1st treatment response or cva5-5, fscm 80378 mfr ref 2nd treatment response

**Test Data Document:**

81349-mil-i-6870 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

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0

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

Mil-s-5626 spec.