

View Online at <https://aerobasegroup.com/nsn/5306-00-639-3029>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.682 inches and 0.687 inches

**Fastener Length:**

2.715 inches

**Head Style:**

Round w/wrench flats chamfered

**Head Diameter:**

1.437 inches

**Head Height:**

0.187 inches

**Width Between Flats:**

Between 1.240 inches and 1.250 inches

**Shoulder Diameter:**

0.8735 inches and 0.8740 inches first shoulder

**Shoulder Length:**

2.028 inches and 2.033 inches first shoulder

**Shank Unthreaded Hole Diameter:**

0.138 inches and 0.145 inches first hole

**Thread Diameter:**

0.750 inches

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

16

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

200000 pounds per square inch

**Hardness Rating:**

43.0 rockwell c and 46.0 rockwell c

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

2.528 inches first hole

**Shoulder Shape:**

Round first shoulder

**Product Name:**

Navy special project

**Special Features:**

Shoulder undercut 0.031 in. Radius by 0.031 in. Lg under head

**Material:**

Steel comp e4340

**Material Specification:**

Mil-s-5000 military specification single material response

**Surface Treatment:**

Cadmium

**Surface Treatment Specification:**

Qq-p-416 federal specification single treatment response

**Test Data Document:**

81349-6868 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

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0

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

Mil-s-5000 spec.