

View Online at <https://aerobasegroup.com/nsn/5307-00-151-9039>

**Thread Class:**

3a nut thread

**Thread Pitch Diameters:**

+0.2810 to 0.2825 inches stud thread

**Thread Direction:**

Right-hand stud thread

**Thread Length:**

0.615 inches and 0.635 inches stud thread

**Shank Diameter:**

Between 0.221 inches and 0.231 inches

**Overall Length:**

Between 3.365 inches and 3.385 inches

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

28 nut thread

**Hardness Rating:**

Between 36.0 rockwell c and 43.0 rockwell c

**Thread Size:**

0.312 inches stud thread

**Surface Finish:**

63.0 microinches shank

**Product Name:**

Navy special project

**Material:**

Steel comp 4140 or steel comp 4340 or steel comp 8740

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification single treatment response

**Style Designator:**

Stepped

**Test Data Document:**

99167-pn16.04 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:**

Uns stud thread

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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