

View Online at <https://aerobasegroup.com/nsn/5305-00-151-9817>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.277 inches and 0.328 inches

**Fastener Length:**

Between 4.730 inches and 4.750 inches

**Head Style:**

Crowned hexagon

**Head Height:**

Between 0.126 inches and 0.141 inches

**Width Between Flats:**

Between 0.430 inches and 0.439 inches

**Locking Feature:**

Detent ball grip

**Grip Diameter:**

Between 0.2485 inches and 0.2495 inches

**Shank Unthreaded Hole Diameter:**

0.076 inches and 0.086 inches first hole

**Single Shear Strength:**

9300 pounds per square inch

**Internal Drive Style:**

Slot

**Thread Diameter:**

0.250 inches

**Grip Length:**

Between 4.312 inches and 4.328 inches

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

28

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

180000 pounds per square inch

**Hardness Rating:**

39.0 rockwell c and 45.0 rockwell c

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

4.635 inches and 4.655 inches first hole

**Surface Finish:**

63.0 microinches grip

**Product Name:**

Navy special project

**Material:**

Steel comp 8740

**Material Specification:**

Mil-s-6049 military specification single material response

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

Qq-p-416, ty2, cl3 federal specification single treatment 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-6049 spec.