

View Online at <https://aerobasegroup.com/nsn/5306-00-174-3976>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.344 inches

**Fastener Length:**

4.406 inches

**Head Style:**

Button

**Head Diameter:**

0.500 inches

**Head Height:**

0.125 inches

**Groove Diameter:**

0.196 inches

**Shank Unthreaded Hole Diameter:**

0.076 inches first hole

**Single Shear Strength:**

3680 pounds per square inch

**Internal Drive Style:**

Slot

**Thread Diameter:**

0.250 inches

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

28

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

125000 pounds per square inch

**Hardness Rating:**

26.0 rockwell c and 32.0 rockwell c

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

4.250 inches first hole

**Material:**

Steel comp 4037 or steel comp 4130 or steel comp 8630 or steel comp 8735 or steel comp 8740 or steel comp 4140

**Material Specification:**

Mil-b-6812 military specification all material responses

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

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

**Thread Series Designator:**

Unf

**Departure From Cited Document:**

Thread t per mil-s-7742 except major diameter is not to exceed maximum allow shank bolt dia

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0

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

Mil-b-6812 spec.