

View Online at <https://aerobasegroup.com/nsn/5306-00-144-3870>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.328 inches and 0.391 inches

**Fastener Length:**

Between 2.281 inches and 2.313 inches

**Head Style:**

Button

**Head Diameter:**

Between 0.609 inches and 0.641 inches

**Head Height:**

Between 0.140 inches and 0.172 inches

**Groove Diameter:**

Between 0.245 inches and 0.255 inches

**Shank Unthreaded Hole Diameter:**

0.076 inches first hole and 0.086 inches first hole

**Single Shear Strength:**

5750 pounds per square inch

**Internal Drive Style:**

Slot

**Thread Diameter:**

0.312 inches

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

24

**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:**

2.126 inches first hole

**Material:**

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

**Material Specification:**

Mil-s-6049 military specification 1st material response or mil-s-6050 military specification 2nd material response or mil-s-6098 military specification 3rd material response or mil-s-5626 military specification 4th material response or mil-s-6758 military specification 5th material response or mil-s-8695 military specification 6th material response

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

Qq-p-416, type 2 cl 3 federal specification all treatment responses

**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-s-6049 spec.