

View Online at <https://aerobasegroup.com/nsn/5306-00-180-0363>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.626 inches and 0.703 inches

**Fastener Length:**

Between 2.828 inches and 2.875 inches

**Head Style:**

Hexagon

**Head Height:**

Between 0.234 inches and 0.266 inches

**Width Between Flats:**

Between 0.615 inches and 0.627 inches

**Grip Diameter:**

Between 0.4362 inches and 0.4367 inches

**Shank Unthreaded Hole Diameter:**

0.106 inches first hole and 0.116 inches first hole

**Thread Diameter:**

0.438 inches

**Grip Length:**

Between 2.172 inches and 2.202 inches

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

20

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

125000 pounds per square inch

**Hardness Rating:**

26.0 rockwell c and 40.0 rockwell c

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

2.672 inches first hole

**Surface Finish:**

63.0 microinches grip

**Material:**

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

**Material Specification:**

Mil-s-6049 military specification 1st material response or mil-s-6098 military specification 2nd material response or mil-s-5626 military specification 3rd material response or mils-s-6758 military specification 4th material response and mil-s-6050 military specification 5th material response or ams 6300 assn standard all material responses

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

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

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0

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

Mil-s-6049 spec.