

View Online at <https://aerobasegroup.com/nsn/5306-00-151-3091>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 1.375 inches and 1.454 inches

**Fastener Length:**

Between 2.453 inches and 2.500 inches

**Head Style:**

Hexagon

**Head Height:**

Between 0.265 inches and 0.297 inches

**Width Between Flats:**

Between 0.740 inches and 0.752 inches

**Hole Diameter:**

0.070 inches

**Grip Diameter:**

Between 0.4986 inches and 0.4991 inches

**Shank Unthreaded Hole Diameter:**

0.106 inches first hole

**Thread Diameter:**

0.500 inches

**Grip Length:**

Between 1.046 inches and 1.078 inches

**Hole Quantity:**

1

**Hole Type:**

Drilled

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

20

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

125000 pounds per square inch

**Hardness Rating:**

26.0 rockwell c and 32.0 rockwell c

**Hole Configuration Style:**

Hexagon flats

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

1.671 inches first hole and 1.687 inches first hole

**Surface Finish:**

63.0 microinches grip

**Material:**

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

**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 ams 6300 assn standard 4th material response or mil-s-5626 military specification 5th material response or mil-s-6758 military specification 6th 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:**

--

**Demilitarization:**

No

**Fig:**

A003b0

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

Mil-s-6049 spec.