

View Online at <https://aerobasegroup.com/nsn/5306-01-359-2296>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.316 inches

**Fastener Length:**

Between 1.113 inches and 1.143 inches

**Head Style:**

Dished hexagon

**Head Height:**

Between 0.125 inches and 0.140 inches

**Width Between Flats:**

Between 0.430 inches and 0.439 inches

**Grip Diameter:**

Between 0.2483 inches and 0.2492 inches

**Shank Unthreaded Hole Diameter:**

0.076 inches first hole and 0.086 inches first hole

**Thread Diameter:**

0.250 inches

**Grip Length:**

Between 0.802 inches and 0.822 inches

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

28

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

95000 pounds per square inch

**Hardness Rating:**

36.0 rockwell c and 40.0 rockwell c

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

1.002 inches first hole and 1.022 inches first hole

**Surface Finish:**

32.0 microinches first shoulder 63.0 microinches bearing surface of head 63.0 microinches grip 32.0 microinches threads

**Material:**

Steel comp e4340 or steel comp 4140 or steel comp 8740 or steel comp 8735 or steel comp 6150

**Material Specification:**

Mil-s-5000 military specification 1st material response or mil-s-5626 military specification 2nd material response or mil-s-6049 military specification 3rd material response or mil-s-6098 military specification 4th material response or mil-s-8503 military specification 5th material response

**Surface Treatment:**

Chromium bearing surface of head cadmium sides of head chromium grip cadmium top of head cadmium threads

**Surface Treatment Specification:**

Dps.9.84, type 1, cage 88277 mfr ref single treatment response bearing surface of head dps.9.74, type 1, cage 88277 mfr ref single treatment response sides of head dps.9.84, type 1, cage 88277 mfr ref single treatment response grip dps.9.74, type 1, cage 88277 mfr ref single treatment response top of head dps.9.74, type 1, cage 88277 mfr ref single treatment response threads

**Thread Series Designator:**

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0

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

Mil-s-5000 spec.