

View Online at <https://aerobasegroup.com/nsn/5306-00-307-4174>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.310 inches and 0.392 inches

**Fastener Length:**

Between 2.415 inches and 2.435 inches

**Head Style:**

Dished hexagon

**Head Height:**

Between 0.157 inches and 0.172 inches

**Width Between Flats:**

Between 0.492 inches and 0.502 inches

**Grip Diameter:**

Between 0.3108 inches and 0.3117 inches

**Shank Unthreaded Hole Diameter:**

0.076 inches first hole and 0.086 inches first hole

**Thread Diameter:**

0.312 inches

**Grip Length:**

Between 1.938 inches and 1.954 inches

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

24

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

7510 pounds per square inch

**Hardness Rating:**

36.0 rockwell c and 41.0 rockwell c

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

2.300 inches first hole and 2.330 inches first hole

**Surface Finish:**

63.0 microinches grip

**Special Features:**

Detent ring in shank

**Material:**

Steel comp e4340 or steel comp 4140 or steel comp 8740 or steel comp 4130 or steel comp 6150

**Material Specification:**

Mil-s-5000 military specification 1st material response or mil-s-5626 federal specification 2nd material response or mil-s-6049 federal specification 3rd material response or mil-s-6758 federal specification 4th material response or mil-s-8503 federal specification 5th material response

**Surface Treatment:**

Cadmium

**Surface Treatment Specification:**

Qq-p-416, type2, class 2 federal specification single treatment response

**Thread Series Designator:**

Un

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0

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

Mil-s-5000 spec.