

View Online at <https://aerobasegroup.com/nsn/5306-00-596-7420>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.311 inches and 0.378 inches

**Fastener Length:**

Between 1.228 inches and 1.248 inches

**Head Style:**

Undercut 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

**Thread Diameter:**

0.312 inches

**Grip Length:**

Between 0.750 inches and 0.766 inches

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

24

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

95000 pounds per square inch

**Hardness Rating:**

36.0 rockwell c and 41.0 rockwell c

**Surface Finish:**

63.0 microinches grip

**Special Features:**

Retaining element in shank

**Material:**

Steel comp 6120h or steel comp 4140 or steel comp 8740 or steel comp 8735 or steel comp 304l

**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:**

Cadmium and chromate

**Surface Treatment Specification:**

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

**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-5000 spec.