

View Online at <https://aerobasegroup.com/nsn/5306-01-311-3449>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.422 inches

**Fastener Length:**

Between 6.031 inches and 6.078 inches

**Head Style:**

Hexagon

**Head Height:**

Between 0.250 inches and 0.266 inches

**Width Between Flats:**

Between 0.740 inches and 0.752 inches

**Grip Diameter:**

Between 0.4982 inches and 0.4991 inches

**Shank Unthreaded Hole Diameter:**

0.106 inches first hole and 0.116 inches first hole

**Thread Diameter:**

0.500 inches

**Grip Length:**

5.625 inches

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

20

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

160000 pounds per square inch

**Criticality Code Justification:**

Feat

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

5.859 inches first hole and 5.891 inches first hole

**Surface Finish:**

32.0 microinches grip

**Special Features:**

Safety critical item. Apply one coat of mil-p-23377, type 1, cl 1 or 3 and two top coats of mil-c-46168, color code 33538 per fed-std-595 to top of head

**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:**

Cadmium and chromate

**Surface Treatment Specification:**

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

**Thread Series Designator:**

Unjf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0

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

Mil-s-5000 spec.