

View Online at <https://aerobasegroup.com/nsn/5306-01-306-0102>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.768 inches and 0.808 inches

**Fastener Length:**

Between 4.278 inches and 4.298 inches

**Head Style:**

Double hexagon w/hole

**Head Height:**

Between 0.494 inches and 0.514 inches

**Width Between Flats:**

Between 0.552 inches and 0.572 inches

**Extended Washer Diameter:**

Between 0.818 inches and 0.828 inches

**Extended Washer Thickness:**

Between 0.113 inches and 0.133 inches

**Grip Diameter:**

Between 0.4985 inches and 0.4995 inches

**End Application:**

Spec item

**Thread Diameter:**

0.500 inches

**Grip Length:**

Between 3.490 inches and 3.510 inches

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

20

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

180000 pounds per square inch

**Hardness Rating:**

39.0 rockwell c and 43.0 rockwell c

**Surface Finish:**

32.0 microinches grip

**Material:**

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

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

Qq-p-416 type 2, cl 2 federal specification single treatment response

**Thread Series Designator:**

Unjf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0