

View Online at <https://aerobasegroup.com/nsn/5306-00-003-4146>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.401 inches and 0.546 inches

**Fastener Length:**

Between 5.146 inches and 5.166 inches

**Head Style:**

Dished hexagon

**Head Height:**

Between 0.251 inches and 0.266 inches

**Width Between Flats:**

Between 0.741 inches and 0.762 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:**

Between 4.500 inches and 4.516 inches

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

20

**Hardness Rating:**

36.0 rockwell c and 41.0 rockwell c

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

5.026 inches first hole and 5.056 inches first hole

**Surface Finish:**

63.0 microinches grip

**Special Features:**

W/retaining element shank

**Material:**

Steel

**Material Specification:**

Mil-b-83050 military specification single 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-b-83050 spec.