

View Online at <https://aerobasegroup.com/nsn/5306-01-228-6798>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.431 inches

**Fastener Length:**

Between 2.458 inches and 2.478 inches

**Head Style:**

Crowned hexagon

**Head Height:**

Between 0.251 inches and 0.266 inches

**Width Between Flats:**

Between 0.741 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:**

Between 1.812 inches and 1.828 inches

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

20

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

95000 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:**

2.358 inches threads and 2.368 inches threads

**Surface Finish:**

63.0 microinches grip

**Special Features:**

Retaining element in shank

**Material:**

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

**Material Specification:**

Mil-s-5000 military specification single material response or mil-s-5626 military specification single material response or mil-s-6049 military specification single material response or mil-s-6758 military specification single material response

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

Qq-p-416, type 2, class 2 federal specification all treatment responses

**Thread Series Designator:**

Unjf

**Specification Data:**

96906-ms27576-8-29 government standard

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A003b0

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

Mil-s-5000 spec.