

View Online at <https://aerobasegroup.com/nsn/5305-00-820-7037>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.655 inches and 0.822 inches

**Fastener Length:**

Between 1.765 inches and 1.812 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

Between 1.007 inches and 1.014 inches

**Shoulder Diameter:**

0.514 inches first shoulder and 0.515 inches first shoulder

**Shoulder Length:**

0.780 inches first shoulder and 0.803 inches first shoulder

**Internal Drive Style:**

High-torque

**Thread Diameter:**

0.500 inches

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

20

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

160000 pounds per square inch

**Hardness Rating:**

36.0 rockwell c and 40.0 rockwell c

**Countersink Angle:**

100.0 degrees

**Shoulder Shape:**

Round first shoulder

**Material:**

Steel comp e4340 or steel comp 8740 or steel comp 8735 or steel comp 6150 or steel comp 4140

**Material Specification:**

Mil-s-5000 military specification 1st material response or mil-s-6049 military specification 2nd material response or mil-s-6098 military specification 3rd material response or mil-s-8503 military specification 4th material response or mil-s-5626 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.