

View Online at <https://aerobasegroup.com/nsn/5305-00-816-8062>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.620 inches and 0.795 inches

**Fastener Length:**

Between 1.360 inches and 1.405 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

Between 0.932 inches and 1.022 inches

**Internal Drive Style:**

Cross recess type 1

**Thread Diameter:**

0.500 inches

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

20

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

160000 pounds per square inch

**Hardness Rating:**

Between 36.0 rockwell c and 40.0 rockwell c

**Countersink Angle:**

Between 99.0 degrees and 101.0 degrees

**Screw Material:**

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

**Screw 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-5626 military specification 4th material response

**Screw Surface Treatment:**

Cadmium and chromate

**Screw Surface Treatment Specification:**

Qq-p-416, ty2 cl3 federal specification single treatment response

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A500d0

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

Mil-s-5000 spec.