

View Online at <https://aerobasegroup.com/nsn/5305-00-850-5299>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.422 inches and 0.572 inches

**Fastener Length:**

Between 2.515 inches and 2.562 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

Between 0.629 inches and 0.633 inches

**Shoulder Diameter:**

0.327 inches first shoulder and 0.328 inches first shoulder

**Shoulder Length:**

1.868 inches first shoulder and 1.890 inches first shoulder

**Internal Drive Style:**

High-torque

**Thread Diameter:**

0.312 inches

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

24

**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 4340 or steel comp 8740 or steel comp 8735 or steel comp 6150 or steel comp 4140 or steel comp 4037 or steel comp 4130

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification single treatment response

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0