

View Online at <https://aerobasegroup.com/nsn/5305-01-097-6574>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.350 inches and 0.402 inches

**Fastener Length:**

Between 2.422 inches and 2.454 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

Between 0.451 inches and 0.511 inches

**Grip Diameter:**

Between 0.2483 inches and 0.2492 inches

**Internal Drive Style:**

Cross recess type 1

**Thread Diameter:**

0.250 inches

**Grip Length:**

Between 2.052 inches and 2.072 inches

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

28

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

160000 pounds per square inch

**Hardness Rating:**

36.0 rockwell c and 40.0 rockwell c

**Countersink Angle:**

Between 99.0 degrees and 101.0 degrees

**Surface Finish:**

63.0 microinches grip

**Material:**

Steel comp e4340 or steel comp 4140 or steel comp 8740 or steel comp 8735 or steel comp 6150 or steel comp 4037

**Surface Treatment:**

Cadmium or cadmium and chromate

**Surface Treatment Specification:**

Qq-p-416 type 1 class 3 federal specification 1st treatment response or qq-p-416 type 2 class 3 federal specification 2nd treatment response

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0