

View Online at <https://aerobasegroup.com/nsn/5305-00-810-1266>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.316 inches

**Fastener Length:**

Between 2.770 inches and 2.837 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

0.507 inches

**Grip Diameter:**

Between 0.2482 inches and 0.2487 inches

**Shank Unthreaded Hole Diameter:**

0.076 inches first hole

**Internal Drive Style:**

Offset cruciform (torque set)

**Thread Diameter:**

0.250 inches

**Grip Length:**

Between 2.470 inches and 2.490 inches

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

28

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

180000 pounds per square inch

**Countersink Angle:**

100.0 degrees

**Distance From Head Largest Bearing Surface To Shank Hole Center:**

0.116 inches first hole

**Material:**

Steel comp 4340 or steel comp 4140 or steel comp 8740 or steel comp 6150 or steel comp e4340

**Surface Treatment:**

Cadmium or cadmium and chromate

**Surface Treatment Specification:**

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

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0