

View Online at <https://aerobasegroup.com/nsn/5305-00-702-8149>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.290 inches and 0.357 inches

**Fastener Length:**

Between 1.238 inches and 1.285 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

Between 0.451 inches and 0.507 inches

**Grip Diameter:**

Between 0.2485 inches and 0.2495 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 0.928 inches and 0.948 inches

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

28

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

180000 pounds per square inch

**Countersink Angle:**

Between 99.5 degrees and 100.5 degrees

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

1.122 inches first hole and 1.169 inches first hole

**Surface Finish:**

32.0 microinches grip

**Material:**

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

**Material Specification:**

Mil-s-5626 military specification 1st material response or mil-s-5000 military specification 2nd material response or mil-s-8503 military specification 3rd material response or mil-s-6098 military specification 4th material response or mil-s-6049 military specification 5th material response

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

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

**Thread Series Designator:**

Unf

**Specification Data:**

76823-51b334 manufacturers standard

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0

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

Mil-s-5626 spec.