

View Online at <https://aerobasegroup.com/nsn/5305-01-422-4351>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Thread Length:**

1.250 inches

**Fastener Length:**

Between 2.406 inches and 2.500 inches

**Head Height:**

Between 0.302 inches and 0.323 inches

**Width Between Flats:**

Between 0.736 inches and 0.750 inches

**Shank Unthreaded Hole Diameter:**

0.105 inches threads and 0.113 inches threads

**Thread Diameter:**

0.500 inches

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

13

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

150000 pounds per square inch

**Hardness Rating:**

32.0 rockwell c and 38.0 rockwell c

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

2.328 inches threads

**Material:**

Steel

**Material Specification:**

Sae j429, grade 8 assn standard all material responses

**Surface Treatment:**

Phosphate zinc

**Surface Treatment Specification:**

Mil-p-16232, type z, class 2 military specification all treatment responses

**Thread Series Designator:**

Unc

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0

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

Mil-p-16232 spec.