

View Online at <https://aerobasegroup.com/nsn/5305-01-301-7852>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Thread Length:**

1.250 inches

**Fastener Length:**

Between 4.400 inches and 4.500 inches

**Head Style:**

Hexagon

**Head Height:**

Between 0.302 inches and 0.323 inches

**Width Between Flats:**

Between 0.736 inches and 0.750 inches

**Thread Diameter:**

0.500 inches

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

13

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

120000 pounds per square inch

**Hardness Rating:**

23.0 rockwell c and 34.0 rockwell c

**Special Features:**

Configuration-screw; type-i; grade-5; condition-hardened and tempered

**Material:**

Steel

**Material Specification:**

Sae j429 gr5 assn standard single material response

**Surface Treatment:**

Zinc and chromate

**Surface Treatment Specification:**

Astm b633 ty2 cl fe/zn 13 assn standard single treatment response

**Thread Series Designator:**

Unc

**Specification Or Standard:**

1 type and 5 grade

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0

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

Mil-s-1222 spec.