

View Online at <https://aerobasegroup.com/nsn/5305-00-071-2505>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.719 inches and 0.875 inches

**Fastener Length:**

Between 0.844 inches and 0.875 inches

**Head Style:**

Hexagon

**Head Height:**

Between 0.150 inches and 0.163 inches

**Width Between Flats:**

Between 0.428 inches and 0.438 inches

**End Application:**

Aviation engine test systems (aets); support equipment, b-1 aircraft; communications terminal, satellite an/gsc-3 (v)1; fire pumps; stream (std. Tensioned replenishment at sea method); shipboard material handling equipment (mhe); torpedo, mk 48; chilled water a/c systems; systems, jp-5 aviation fuels; missile, air intercept, sidewinder (aim-9); rg-33 armored utility vehicle (auv) ; mrap buffalo mk2a2; mrap - m-atv with cs13 pop

**Thread Diameter:**

0.250 inches

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

20

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

150000 pounds per square inch

**Hardness Rating:**

32.0 rockwell c and 38.0 rockwell c

**Surface Finish:**

63.0 microinches threads

**Material:**

Steel

**Material Specification:**

Sae j429 grade 8 assn standard single material response or astm a354 grade bd assn standard single material response

**Surface Treatment:**

Zinc and chromate

**Surface Treatment Specification:**

Astm b633 type 2 sc 3 assn standard single treatment response

**Thread Series Designator:**

Unc

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0