

View Online at <https://aerobasegroup.com/nsn/5305-00-071-2066>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.777 inches and 1.000 inches

**Fastener Length:**

Between 0.969 inches and 1.000 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

**End Application:**

Mrap-rg-33 armored utility vehicle (auv)

**Thread Diameter:**

0.500 inches

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

13

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

150000 pounds per square inch

**Criticality Code Justification:**

Feat

**Surface Finish:**

63.0 microinches threads

**Special Features:**

Weapon system essential

**Material:**

Steel

**Material Specification:**

Saej429 grade 8 assn standard 1st material response or astma354 grade bd assn standard 2nd 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