

View Online at <https://aerobasegroup.com/nsn/5305-01-029-2685>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Thread Length:**

1.500 inches

**Fastener Length:**

3.750 inches

**Head Style:**

Flat chamfer

**Head Diameter:**

Between 0.735 inches and 0.750 inches

**Head Height:**

0.500 inches

**Internal Drive Style:**

Hexagon

**Thread Diameter:**

0.500 inches

**Width Across Flats:**

Between 0.375 inches and 0.379 inches

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

13

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

130000 pounds per square inch

**Hardness Rating:**

36.0 rockwell c and 45.0 rockwell c

**Minimum Yield Strength:**

90000 pounds per square inch

**Criticality Code Justification:**

Zzzy

**Chamfer Angle:**

45.0 degrees

**Material:**

Nickel alloy k-500

**Material Specification:**

Qq-n-286, class a federal specification single material response

**Thread Series Designator:**

Unc

**Reference Number Differentiating Characteristics:**

Quality assurance tested for submarine antenna application

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0