

View Online at <https://aerobasegroup.com/nsn/5305-01-029-7705>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.756 inches and 0.823 inches

**Fastener Length:**

Between 1.578 inches and 1.625 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

Between 1.007 inches and 1.014 inches

**Grip Diameter:**

Between 0.4990 inches and 0.4995 inches

**Internal Drive Style:**

High-torque

**Thread Diameter:**

0.500 inches

**Grip Length:**

Between 0.802 inches and 0.822 inches

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

20

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

130000 pounds per square inch

**Hardness Rating:**

24.0 rockwell c and 44.0 rockwell c

**Minimum Yield Strength:**

85000 pounds per square inch

**Countersink Angle:**

100.0 degrees

**Surface Finish:**

32.0 microinches threads

**Material:**

Steel comp 8617

**Surface Treatment:**

Passivate

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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