

View Online at <https://aerobasegroup.com/nsn/5305-00-052-2237>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.483 inches and 0.515 inches

**Fastener Length:**

Between 0.734 inches and 0.766 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

Between 0.872 inches and 0.937 inches

**Internal Drive Style:**

Hexagon

**Thread Diameter:**

0.500 inches

**Width Across Flats:**

Between 0.312 inches and 0.315 inches

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

13

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

160000 pounds per square inch

**Hardness Rating:**

36.0 rockwell c and 43.0 rockwell c

**Minimum Yield Strength:**

130000 pounds per square inch

**Countersink Angle:**

82.0 degrees

**Material:**

Steel

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification single treatment response

**Thread Series Designator:**

Unc

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0