

View Online at <https://aerobasegroup.com/nsn/5305-01-180-3971>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.418 inches and 0.438 inches

**Fastener Length:**

Between 0.923 inches and 0.933 inches

**Head Style:**

Flush

**Head Diameter:**

Between 0.419 inches and 0.437 inches

**Head Height:**

Between 0.209 inches and 0.219 inches

**Shoulder Diameter:**

0.308 inches all shoulders and 0.310 inches all shoulders

**Shoulder Length:**

0.445 inches all shoulders and 0.455 inches all shoulders

**Internal Drive Style:**

Hexagon

**Thread Diameter:**

0.250 inches

**Width Across Flats:**

0.156 inches

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

20

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

160000 pounds per square inch

**Hardness Rating:**

32.0 rockwell c and 43.0 rockwell c

**Shoulder Shape:**

Round first shoulder

**Material:**

Steel comp 4037 or steel comp 8630 or steel comp 8740

**Material Specification:**

66 federal standard single material response

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

Qq-p-416, ty2, cl3 federal specification single treatment response

**Thread Series Designator:**

Unc

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0