

View Online at <https://aerobasegroup.com/nsn/5305-00-494-8502>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.720 inches and 0.750 inches

**Fastener Length:**

Between 2.975 inches and 2.995 inches

**Head Style:**

Flat chamfer

**Head Diameter:**

Between 0.853 inches and 0.875 inches

**Head Height:**

Between 0.365 inches and 0.375 inches

**Shoulder Diameter:**

0.621 inches first shoulder and 0.623 inches first shoulder

**Shoulder Length:**

2.245 inches first shoulder and 2.255 inches first shoulder

**Internal Drive Style:**

Hexagon

**Thread Diameter:**

0.500 inches

**Width Across Flats:**

0.312 inches

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

13

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

140000 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 4137 or steel comp 4140 or steel comp 8630 or steel comp 8740

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification all treatment responses

**Thread Series Designator:**

Unc

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0