

View Online at <https://aerobasegroup.com/nsn/5306-01-319-9433>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 1.084 inches and 1.104 inches

**Fastener Length:**

Between 2.740 inches and 2.760 inches

**Head Style:**

Hexagon

**Head Height:**

0.500 inches

**Width Between Flats:**

Between 1.115 inches and 1.135 inches

**Shoulder Diameter:**

0.7495 inches first shoulder and 0.7500 inches first shoulder

**Shoulder Length:**

1.490 inches first shoulder and 1.510 inches first shoulder

**Thread Diameter:**

0.625 inches

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

11

**Hardness Rating:**

38.0 rockwell c and 42.0 rockwell c

**Shoulder Shape:**

Round first shoulder

**Special Features:**

0.500 in. Min through 0.510 in. Maximum diameter by 0.146 in. Min through 0.166 in. Maximum lg undercut beneath shoulder; finish coat all surfaces with drying type preservative oil

**Material:**

Steel comp 4140

**Surface Treatment:**

Phosphate manganese

**Surface Treatment Specification:**

Dod-p-16232, ty m cl 1 military specification single treatment response

**Thread Series Designator:**

Unc

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0

**Mil-std (military Standard):**

spec.