

View Online at <https://aerobasegroup.com/nsn/5306-00-678-1412>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Thread Length:**

0.780 inches

**Fastener Length:**

3.620 inches

**Head Height:**

0.250 inches

**Width Between Flats:**

1.000 inches

**Rib Major Diameter:**

Between 0.820 inches and 0.825 inches

**Rib Length:**

0.250 inches

**Rib Quantity:**

25

**Thread Diameter:**

0.500 inches

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

20

**Hardness Rating:**

32.0 rockwell c and 38.0 rockwell c

**Special Features:**

3rd shoulder round, 0.618 in. Min, 0.624 in. Maximum diameter by 1.320 in. Lg

**Material:**

Steel comp 4340 or steel comp 5140 or steel comp 8640 or steel comp 8740 or steel comp 8637

**Surface Treatment:**

Cadmium or zinc

**Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification 1st treatment response or qq-z-325, type 2, cl 3 federal specification 2nd treatment response

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0