

View Online at <https://aerobasegroup.com/nsn/5306-01-026-5777>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

1.380 inches

**Fastener Length:**

Between 2.300 inches and 2.310 inches

**Head Style:**

Flat chamfer

**Head Diameter:**

Between 0.990 inches and 1.010 inches

**Head Height:**

Between 0.190 inches and 0.210 inches

**Shoulder Diameter:**

0.520 inches first shoulder and 0.525 inches first shoulder

**Shoulder Length:**

0.775 inches first shoulder and 0.785 inches first shoulder

**Rib Major Diameter:**

Between 0.550 inches and 0.560 inches

**Rib Length:**

Between 0.310 inches and 0.330 inches

**Distance From Largest Diameter Of Bearing Surface Of Head To Ribs:**

Between 0.050 inches and 0.070 inches

**Rib Quantity:**

35

**Thread Diameter:**

0.500 inches

**Features Provided:**

Casehardened

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

20

**Hardness Rating:**

322.0 brinell standard and 363.0 brinell standard

**Shoulder Shape:**

Round first shoulder

**Material:**

Steel comp 1335 or steel comp 1340 or steel comp 4037 or steel comp 4135 or steel comp 8637 or steel comp 8640 or steel comp 8740

**Material Specification:**

Astm a547 assn standard all material responses

**Surface Treatment:**

Zinc and chromate or cadmium and chromate

**Surface Treatment Specification:**

Qq-z-325, cl 2 federal specification 1st treatment response and qq-z-325, cl 2 federal specification 2nd treatment response or qq-p-416, cl 2 federal specification 3rd treatment response and qq-p-416, cl 2 federal specification 4th treatment response

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0