

View Online at <https://aerobasegroup.com/nsn/5306-00-022-8085>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.490 inches and 0.570 inches

**Fastener Length:**

Between 1.640 inches and 1.660 inches

**Head Style:**

Flat extended washer

**Head Diameter:**

Between 0.880 inches and 0.900 inches

**Head Height:**

0.115 inches

**Extended Washer Diameter:**

Between 0.450 inches and 0.470 inches

**Extended Washer Thickness:**

Between 0.010 inches and 0.015 inches

**Shoulder Diameter:**

0.285 inches first shoulder and 0.295 inches first shoulder

**Shoulder Length:**

0.340 inches second shoulder

**Rib Major Diameter:**

Between 0.279 inches and 0.281 inches

**Rib Length:**

0.340 inches

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

Between 0.240 inches and 0.260 inches

**Rib Minor Diameter:**

Between 0.260 inches and 0.266 inches

**Rib Quantity:**

35

**End Application:**

Scavenge pump, tf-33

**Thread Diameter:**

0.250 inches

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

28

**Hardness Rating:**

35.0 rockwell c and 40.0 rockwell c

**Rib Included Angle:**

45.0 degrees

**Shoulder Shape:**

Round first shoulder

**Material:**

Steel comp 8740

**Material Specification:**

Ams 6322 assn standard single material response

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0