

View Online at <https://aerobasegroup.com/nsn/5307-00-290-8080>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

0.297 inches

**Head Diameter:**

0.375 inches

**Overall Length:**

Between 0.935 inches and 0.945 inches

**Neck Diameter:**

Between 0.220 inches and 0.230 inches

**Distance From Spherical Head Centerline To Head End:**

0.125 inches

**Distance Across Flats:**

Between 0.490 inches and 0.502 inches

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

24

**Hardness Rating:**

Between 40.0 rockwell c and 46.0 rockwell c

**Thread Size:**

0.312 inches

**Surface Finish:**

63.0 microinches undercuts

**Material:**

Steel comp 630

**Material Specification:**

Ams 5643 assn standard single material response

**Surface Treatment:**

Passivate

**Style Designator:**

Ball

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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