

View Online at <https://aerobasegroup.com/nsn/5307-01-296-2928>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.844 inches and 0.906 inches

**Head Diameter:**

Between 0.483 inches and 0.488 inches

**Overall Length:**

Between 3.995 inches and 4.005 inches

**Body Diameter:**

Between 0.496 inches and 0.497 inches

**Body Length:**

Between 3.089 inches and 3.161 inches

**Neck Diameter:**

Between 0.230 inches and 0.270 inches

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

0.225 inches

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

20

**Hardness Rating:**

Between 50.0 rockwell c and 55.0 rockwell c

**Thread Size:**

0.500 inches

**Surface Finish:**

32.0 microinches undercuts

**Product Name:**

Navy special project

**Special Features:**

Two undercut areas in shank

**Material:**

Steel comp 4140

**Surface Treatment:**

Phosphate zinc

**Surface Treatment Specification:**

Dod-p-16232 ty z military specification single treatment response

**Style Designator:**

Ball

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A051a0

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

spec.