

View Online at <https://aerobasegroup.com/nsn/3120-01-252-8031>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Shank Style:**

Externally threaded

**Overall Length:**

2.3100 inches

**Bore Diameter:**

Between 0.3120 inches and 0.3140 inches

**Outer Member Outside Diameter:**

Between 0.8600 inches and 1.0000 inches

**Bore Center To Shank End Distance:**

Between 1.8430 inches and 1.9070 inches

**Outer Member Width:**

Between 0.3220 inches and 0.3480 inches

**Inner Member Width:**

Between 0.4320 inches and 0.4370 inches

**Shank Thread Length:**

1.0620 inches

**Static Radial Load Rating:**

2500 pounds

**Thread Diameter:**

0.3125 inches

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

24

**Hardness Rating:**

57.0 rockwell c inner member and 63.0 rockwell c inner member

**Special Features:**

Race insert dry film lubricant per mil-I-8937

**Material:**

Steel comp e52100 inner member

**Material Specification:**

Mil-s-7420 military specification single material response inner member or ams-6440 assn standard single material response inner member

**Surface Treatment:**

Zinc rod end body and chromate rod end body or cadmium rod end body or cadmium rod end body and chromate rod end body

**Surface Treatment Specification:**

Qq-z-325, type 1 or 2, class 3 federal specification 1st treatment response rod end body or qq-p-416, type 1 or 2, class 3 federal specification 2nd treatment response rod end body

**Style Designator:**

Ball type

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A045a0

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

Mil-s-7420 spec.