

View Online at <https://aerobasegroup.com/nsn/3120-01-366-6625>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Shank Style:**

Externally threaded

**Overall Length:**

1.6550 inches

**Bore Diameter:**

Between 0.1895 inches and 0.1900 inches

**Outer Member Outside Diameter:**

Between 0.6700 inches and 0.6900 inches

**Bore Center To Shank End Distance:**

Between 1.3050 inches and 1.3250 inches

**Outer Member Width:**

Between 0.2230 inches and 0.2330 inches

**Inner Member Width:**

Between 0.2790 inches and 0.2810 inches

**Shank Thread Length:**

Between 0.7350 inches and 0.8070 inches

**Thread Diameter:**

0.250 inches

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

28

**Hardness Rating:**

55.0 rockwell c inner member and 62.0 rockwell c inner member 28.0 rockwell c race insert and 37.0 rockwell c race insert 39.0 rockwell c rod end body and 42.0 rockwell c rod end body

**Special Features:**

Keyway in shank; surface finish on ball passivate per mil-s-5002 optional

**Material:**

Steel comp 440c inner member steel comp 630 race insert plastic polytetrafluoroethylene race liner steel comp e4340 rod end body

**Material Specification:**

Ams 5630 assn standard single material response inner member ams 5643 assn standard single material response race insert mil-s-5000 military specification single material response rod end body

**Surface Treatment:**

Cadmium rod end body and chromate rod end body

**Surface Treatment Specification:**

Qq-p-416, type 2, cl 2 federal specification single treatment response rod end body

**Style Designator:**

Ball type

**Thread Series Designator:**

Unjf

**Specification Data:**

83149-mil-b-81935/4 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A045a0

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

Mil-s-5000 spec.