

View Online at <https://aerobasegroup.com/nsn/3120-01-348-4980>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Shank Style:**

Externally threaded

**Overall Length:**

3.1065 inches

**Bore Diameter:**

Between 0.4995 inches and 0.5000 inches

**Outer Member Outside Diameter:**

Between 1.3270 inches and 1.3470 inches

**Bore Center To Shank End Distance:**

Between 2.4280 inches and 2.4480 inches

**Outer Member Width:**

Between 0.5100 inches and 0.5200 inches

**Inner Member Width:**

Between 0.6230 inches and 0.6250 inches

**Shank Thread Length:**

Between 1.4370 inches and 1.4990 inches

**Static Radial Load Rating:**

19500 pounds

**Thread Diameter:**

0.5000 inches

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

20

**Hardness Rating:**

39.0 rockwell c rod end body and 42.0 rockwell c rod end body

**Special Features:**

Keyway in shank

**Material:**

Steel comp 440c inner membersteel comp 630 race insertplastic polytetrafluoroethylene race liner and plastic polyamide race liner and plastic phenolic race linersteel comp e4340 rod end body

**Material Specification:**

Ams 5630 assn standard single material response inner memberams 5643 assn standard single material response race insertmil-b-81820 military specification all material responses race linermil-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, class 2 federal specification single treatment response rod end body

**Style Designator:**

Ball type

**Thread Series Designator:**

Unjf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A045a0

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

Mil-b-81820 spec.