

View Online at <https://aerobasegroup.com/nsn/3120-01-338-7420>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Shank Style:**

Externally threaded

**Overall Length:**

2.5050 inches

**Bore Diameter:**

Between 0.3745 inches and 0.3765 inches

**Lubrication Material:**

Lubricant, solid film, mil-l-46010

**Outer Member Outside Diameter:**

1.1300 inches

**Bore Center To Shank End Distance:**

1.9400 inches

**Outer Member Width:**

Between 0.4000 inches and 0.4200 inches

**Inner Member Width:**

Between 0.4950 inches and 0.5000 inches

**Shank Thread Length:**

1.2500 inches

**Thread Diameter:**

0.375 inches

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

24

**Hardness Rating:**

56.0 rockwell c inner member and 63.0 rockwell c inner member 28.0 rockwell c race insert and 37.0 rockwell c race insert 33.0 rockwell c rod end body and 38.0 rockwell c rod end body

**Material:**

Steel comp e52100 inner member or steel comp 440c inner member steel comp 410 race insert or steel comp 630 race insert steel rod end body or steel comp 630 rod end body or steel comp 631 rod end body

**Material Specification:**

Mil-s-7420 military specification 1st material response inner member or qq-s-763 federal specification 2nd material response inner member or ams 6440 assn standard 1st material response inner member qq-s-763 federal specification 1st material response race insert or qq-s-766 federal specification 1st material response race insert or ams 5643 assn standard 2nd material response race insert mil-s-46172 military specification 1st material response rod end body or ams 5643 assn standard 2nd material response rod end body or ams 5644 assn standard 3rd material response rod end body

**Surface Treatment:**

Chromium inner member cadmium rod end body and chromate rod end body or zinc rod end body and chromate rod end body

**Surface Treatment Specification:**

Qq-c-320 federal specification single treatment response inner member qq-p-416, type 2, class 3 federal specification 1st treatment response rod end body or astm b633 assn standard 2nd treatment response rod end body

**Style Designator:**

Ball type

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A045a0

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

Mil-s-7420 spec.