

View Online at <https://aerobasegroup.com/nsn/3120-01-221-8752>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Shank Style:**

Externally threaded

**Overall Length:**

1.9525 inches

**Bore Diameter:**

Between 0.1895 inches and 0.1915 inches

**Lubrication Material:**

Grease, mil-g-23827

**Outer Member Outside Diameter:**

Between 0.7710 inches and 0.7910 inches

**Bore Center To Shank End Distance:**

Between 1.5520 inches and 1.5720 inches

**Outer Member Width:**

Between 0.3320 inches and 0.3420 inches

**Inner Member Width:**

Between 0.4320 inches and 0.4370 inches

**Shank Thread Length:**

Between 0.9688 inches and 1.0625 inches

**Static Radial Load Rating:**

4500 pounds

**Thread Diameter:**

0.312 inches

**Features Provided:**

External lubrication fitting

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

24

**Hardness Rating:**

57.0 rockwell c and 61.0 rockwell c inner member

**Lubrication Feature:**

Groove inner member

**Special Features:**

Race insert, 6th and 7th material responses per qq-b-637; plating on external surfaces of race insert and body only; no plating on bore of ball; optional lubricant reservoir through shank length

**Material:**

Steel comp e52100 or steel comp 440c inner member

**Material Specification:**

Qq-c-465 federal specification 1st material response or qq-c-465 federal specification 2nd material response or qq-c-465 federal specification 3rd material response or qq-b-637 federal specification 4th material response or qq-b-637 federal specification 5th material response race insert

**Surface Treatment:**

Cadmium rod end body

**Surface Treatment Specification:**

Qq-p-416, type1, class 2 federal specification single treatment response rod end body

**Style Designator:**

Ball type

**Test Data Document:**

81349-mil-i-6868 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Thread Series Designator:**

Unf

**Specification Data:**

26512-gb525ab manufacturers specification control

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A045a0

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

Mil-s-7420 spec.