

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.