# NSN 3120-01-221-8752

Rod End Plain Bearing - Page 1 of 2



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:
Og.c./65 federal enecification 1st material response, or gg.c./65 federal enecification 2nd material response, or gg.c./65 federal

**Surface Treatment:** 

Cadmium rod and body

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

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### **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.).

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#### **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.