

View Online at <https://aerobasegroup.com/nsn/3120-00-480-1970>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Shank Style:**

Externally threaded

**Overall Length:**

Between 4.6985 inches and 4.7385 inches

**Bore Diameter:**

Between 0.4995 inches and 0.5000 inches

**Outer Member Outside Diameter:**

Between 1.4270 inches and 1.4470 inches

**Bore Center To Shank End Distance:**

Between 3.9900 inches and 4.0100 inches

**Outer Member Width:**

Between 0.4950 inches and 0.5050 inches

**Inner Member Width:**

Between 0.6830 inches and 0.6880 inches

**Shank Thread Length:**

Between 2.7800 inches and 2.8800 inches

**Static Radial Load Rating:**

19340 pounds

**Thread Diameter:**

0.625 inches

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

18

**Hardness Rating:**

55.0 rockwell c inner member and 60.0 rockwell c inner member

**Special Features:**

W/keyway in shank to fit nas 513 or nas 559 lockwasher

**Material:**

Steel comp 630 rod end body

**Material Specification:**

Ams 5643 assn standard single material response race insert

**Style Designator:**

Ball type

**Test Data Document:**

81349-mil-i-6866 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

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A045a0