

View Online at <https://aerobasegroup.com/nsn/3120-01-277-5051>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Shank Style:**

Internally threaded

**Overall Length:**

3.1410 inches

**Bore Diameter:**

Between 0.2495 inches and 0.2500 inches

**Outer Member Outside Diameter:**

Between 0.7710 inches and 0.8160 inches

**Bore Center To Shank End Distance:**

Between 2.7400 inches and 2.7600 inches

**Outer Member Width:**

Between 0.2760 inches and 0.2810 inches

**Inner Member Width:**

Between 0.3700 inches and 0.3750 inches

**Shank Thread Length:**

Between 0.9900 inches and 1.0300 inches

**Static Radial Load Rating:**

4270 pounds

**Thread Diameter:**

0.3125 inches

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

24

**Special Features:**

Keyway on shank

**Material:**

Steel comp 630 rod end body or steel rod end body

**Material Specification:**

Ams 5643 assn standard 1st material response rod end body

**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.). Or 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

**Shelf Life:**

N/a

**Demilitarization:**

No

**Fig:**

A045a0