

View Online at <https://aerobasegroup.com/nsn/5935-01-227-8505>

**Thread Class:**

2a and 3b

**Thread Direction:**

Right-hand and right-hand and right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

31.5 millimeters

**Overall Height:**

46.0 millimeters

**Overall Width:**

46.0 millimeters

**Center To Center Distance Between Mounting Facilities Parallel To Height:**

Between 34.93 millimeters and 38.10 millimeters

**Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:**

Between 34.93 millimeters and 38.10 millimeters

**Distance From Mounting Shoulder To Front Face:**

20.1 millimeters

**Threaded Device Type:**

Back shell and coupling facility and hub

**Mating End Quantity:**

12

**Polarization Method:**

Keyway or multiple keyway and key, multiple key groove

**Insert Position In Deg:**

0.0 and 95.0 and 132.0 and 232.0 and 260.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

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

10 and 32 and 18

**Thread Size:**

37.0 millimeters and 1.625 inches

**Thread Pitch In Millimeters:**

1.00 and 1.00

**Shell Material:**

Aluminum alloy or zinc

**Shell Surface Treatment:**

Cadmium and chromate and zinc

**Shell Surface Treatment Specification:**

Qq-p-416 ty ii, cl 3 federal specification single treatment response

**Thread Tolerance Class:**

6g external and 6h external

**Test Data Document:**

81349-dod-c-38999 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:**

Iso m and special acme

**Specification Data:**

81349-dod-c-38999/20 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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