

View Online at <https://aerobasegroup.com/nsn/3110-01-257-6976>

**Overall Width:**

Between 3.4980 inches and 3.4985 inches

**Bore Diameter:**

Between 1.7490 inches and 1.7500 inches

**Overall Outside Diameter:**

Between 2.1245 inches and 2.1250 inches

**Surface Finish:**

Ground

**Bore Shape:**

Straight

**Features Provided:**

Lubrication hole and lubrication groove

**Criticality Code Justification:**

Test and ftd

**Standard Tolerance Designation:**

Afbma standard tolerance for airframe needle bearings

**Functional Description:**

Crtl appl aircraft flight safety

**Material:**

Steel comp e52100

**Material Specification:**

Sae j404 assn standard single material response or aisi uns g52986 assn standard single material response

**Reference Data And Literature:**

Mfr selected item dwg sb2517, dod-std-100, para 201.4.5

**Style Designator:**

Solid inner race, journal and needle

**Supplementary Features:**

Hardness rc 60.0 min 65.0 max; operating temp m65.0 p250.0 degrees f

**Test Data Document:**

81349-mil-t-8679 and 100.0 pct magnafux 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.).

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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