

View Online at <https://aerobasegroup.com/nsn/5306-00-934-9597>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.489 inches and 0.495 inches

**Fastener Length:**

1.880 inches

**Head Style:**

Dee chamfer

**Head Diameter:**

Between 1.220 inches and 1.280 inches

**Head Height:**

0.250 inches

**Distance From Centerline To Flat:**

Between 0.492 inches and 0.498 inches

**Shoulder Diameter:**

0.622 inches first shoulder and 0.623 inches first shoulder

**Shoulder Length:**

1.385 inches first shoulder and 1.391 inches first shoulder

**Thread Diameter:**

0.500 inches

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

20

**Shoulder Shape:**

Round first shoulder

**Special Features:**

Shoulder machined to 63 microinches

**Material:**

Steel

**Material Specification:**

Ams 6427 assn standard single material response

**Surface Treatment:**

Cadmium and chromium

**Surface Treatment Specification:**

Ps-1008, fscm 19315 mfr ref 1st treatment response and ps-1002, type 2, fscm 19315 mfr ref 2nd treatment response

**Test Data Document:**

81349-mil-i-6870 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

**Fiig:**

A003b0