

View Online at <https://aerobasegroup.com/nsn/5305-00-173-2993>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 1.552 inches and 1.781 inches

**Fastener Length:**

Between 1.734 inches and 1.781 inches

**Head Style:**

Flat chamfer

**Head Diameter:**

Between 0.921 inches and 0.938 inches

**Head Height:**

Between 0.616 inches and 0.625 inches

**Internal Drive Style:**

Hexagon

**Thread Diameter:**

0.625 inches

**Width Across Flats:**

0.500 inches

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

11

**Min. Tensile Strength (psi):**

80000 pounds per square inch

**Minimum Yield Strength:**

40000 pounds per square inch

**Material:**

Nickel alloy 400 or nickel alloy r-405

**Material Specification:**

Qq-n-281 federal specification all material responses

**Special Test Features:**

Special quality control testing

**Test Data Document:**

81349-mil-p-23199 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:**

Unc

**Specification Or Standard:**

6 type

**Reference Number Differentiating Characteristics:**

Material must conform to ships parts control center special quality control provisions

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0