

View Online at <https://aerobasegroup.com/nsn/5305-01-057-0333>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.742 inches and 1.000 inches

**Fastener Length:**

Between 0.969 inches and 1.000 inches

**Head Style:**

Hexagon

**Head Height:**

Between 0.378 inches and 0.403 inches

**Width Between Flats:**

Between 0.922 inches and 0.938 inches

**Thread Diameter:**

0.625 inches

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

11

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

120000 pounds per square inch

**Hardness Rating:**

25.0 rockwell c and 34.0 rockwell c

**Criticality Code Justification:**

Zzzx

**Surface Finish:**

63.0 microinches threads

**Special Features:**

Material grade 8 has a rockwell hardness c32 to c38 and a 150000 min. Tensile strength

**Material:**

Steel

**Material Specification:**

Sae, gr 5 or 8 assn standard single material response

**Surface Treatment:**

Phosphate manganese

**Special Test Features:**

Special quality control testing

**Surface Treatment Specification:**

Mil-p-16232, ty m, cl 2 military specification single treatment response

**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:**

2 type and 10p style and 5 grade or 8 grade

**Departure From Cited Document:**

As modified by surface finish

**Departure From Cited Designator:**

As differentiated by material which must conform to ships parts control center special quality control provisions

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0

**Mil-std (military Standard):**

Mil-p-16232 spec.