

View Online at <https://aerobasegroup.com/nsn/5305-00-596-7372>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Thread Length:**

1.250 inches

**Fastener Length:**

1.750 inches

**Head Style:**

Hexagon

**Head Height:**

Between 0.302 inches and 0.323 inches

**Width Between Flats:**

Between 0.736 inches and 0.750 inches

**Thread Diameter:**

0.500 inches

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

20

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

120000 pounds per square inch

**Hardness Rating:**

25.0 rockwell c and 34.0 rockwell c

**Criticality Code Justification:**

Zzzy

**Material:**

Steel

**Material Specification:**

Sae gr 5 assn standard single material response

**Surface Treatment:**

Chromium

**Special Test Features:**

Special quality control testing

**Surface Treatment Specification:**

Qq-c-320, cl2 federal 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:**

Unf

**Reference Number Differentiating Characteristics:**

Material will be in accordance with ships parts control center activity hx quality control, manufacturing and testing specifications

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A003b0