

View Online at <https://aerobasegroup.com/nsn/5305-01-148-2645>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Thread Length:**

1.125 inches

**Fastener Length:**

Between 1.220 inches and 1.280 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):**

13

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

90000 pounds per square inch

**Criticality Code Justification:**

Zzzy

**Material:**

Iron alloy 660

**Material Specification:**

Sae assn standard 1st material response or sae assn standard 2nd material response or astm a449 assn standard 3rd material response

**Surface Treatment:**

Cadmium

**Special Test Features:**

Special quality control testing

**Surface Treatment Specification:**

N2303a3 fscm 52022 mfr ref 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

**Reference Number Differentiating Characteristics:**

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

**Fig:**

A003b0