

View Online at <https://aerobasegroup.com/nsn/5306-01-237-1213>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Thread Length:**

0.948 inches

**Fastener Length:**

1.250 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):**

115000 pounds per square inch

**Hardness Rating:**

23.0 rockwell c and 31.0 rockwell c

**Criticality Code Justification:**

Zzzy

**Special Features:**

Identification bolt, hex, tyiii, phosctd, lvl 1

**Material:**

Steel

**Material Specification:**

Mil-s-1222f stl gr b-7 military specification single material response

**Surface Treatment:**

Phosphate and zinc

**Surface Treatment Specification:**

D0d-p-16232 type 2 cl 3 military specification single treatment response

**Thread Series Designator:**

Unc

**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

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

Mil-s-1222f spec.