

View Online at <https://aerobasegroup.com/nsn/5307-00-977-1761>

**Thread Class:**

3a stud thread

**Thread Direction:**

Right-hand stud thread

**Thread Length:**

0.427 inches nut thread and 0.447 inches nut thread

**Locking Feature:**

Key inserts

**Shoulder Diameter:**

Between 0.180 inches and 0.190 inches

**Shoulder Length:**

Between 0.032 inches and 0.042 inches

**Overall Length:**

Between 0.729 inches and 0.769 inches

**Distance From Shoulder Portion To Nut End:**

Between 0.427 inches and 0.447 inches

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

32 nut thread

**Hardness Rating:**

Between 26.0 rockwell c and 32.0 rockwell c

**Thread Size:**

0.250 inches stud thread

**Material:**

Steel comp 4130

**Material Specification:**

Mil-s-6758 military specification single material response

**Surface Treatment:**

Cadmium

**Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification single treatment response

**Style Designator:**

Locked in

**Thread Series Designator:**

Unf nut thread

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A051a0

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

Mil-s-6758 spec.