

View Online at <https://aerobasegroup.com/nsn/5307-01-009-2279>

**Thread Class:**

3a stud thread

**Thread Direction:**

Right-hand stud thread

**Thread Length:**

0.490 inches nut thread and 0.510 inches nut thread

**Locking Feature:**

Ring, lock keyed

**Shoulder Length:**

Between 0.040 inches and 0.050 inches

**Overall Length:**

1.125 inches

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

Between 0.735 inches and 0.765 inches

**Distance From Cotter Pin Hole Centerline To Nut End:**

0.145 inches first hole and 0.175 inches first hole

**Cotter Pin Hole Diameter:**

0.071 inches first hole and 0.081 inches first hole

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

28 nut thread

**Thread Size:**

0.312 inches stud thread

**Surface Finish:**

125.0 microinches

**Product Name:**

Stud, locked in

**Material:**

Steel comp e4340 or steel comp 4340

**Material Specification:**

Mil-s-5000 military specification all material responses

**Surface Treatment:**

Cadmium

**Surface Treatment Specification:**

Qq-p-416 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-5000 spec.