

View Online at <https://aerobasegroup.com/nsn/5307-01-077-1077>

**Thread Class:**

3a stud thread

**Thread Direction:**

Right-hand stud thread

**Thread Length:**

0.320 inches stud thread

**Shoulder Diameter:**

Between 0.300 inches and 0.310 inches

**Shoulder Length:**

Between 0.038 inches and 0.040 inches

**Overall Length:**

Between 1.060 inches and 1.105 inches

**Nut End Shank Length:**

Between 0.360 inches and 0.367 inches

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

0.120 inches first hole and 0.140 inches first hole

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

Z8 nut thread

**Hardness Rating:**

Between 42.0 rockwell c and 50.0 rockwell c

**Thread Size:**

0.250 inches stud thread

**Stud End Shank Length:**

0.078 inches

**Stud End Shank Diameter:**

0.250 inches

**Product Name:**

Navy special project

**Material:**

Steel

**Material Specification:**

Hs178 comb ms2776 fsc-73030 mfr ref single material response

**Style Designator:**

Shouldered

**Thread Series Designator:**

Unf nut thread

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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