

View Online at <https://aerobasegroup.com/nsn/5307-00-591-1152>

**Thread Class:**

2a stud thread

**Thread Direction:**

Right-hand stud thread

**Thread Length:**

0.650 inches nut thread

**Shoulder Diameter:**

0.440 inches

**Shoulder Length:**

0.570 inches

**Overall Length:**

Between 1.610 inches and 1.670 inches

**Nut End Shank Length:**

0.050 inches

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

28 stud thread

**Thread Size:**

0.250 inches stud thread

**Stud End Shank Length:**

0.050 inches

**Stud End Shank Diameter:**

Between 0.246 inches and 0.249 inches

**Nut End Shank Diameter:**

Between 0.246 inches and 0.249 inches

**Special Features:**

Hex recess in stud end, 0.130 in.Dp x 0.125 in. Wd across flats; stud end shoulder tapered 5 degrees toward center; used on door light in-flight refueling b-52 aircraft

**Material:**

Steel comp 8630 or steel comp 4130

**Material Specification:**

Mil-s-6050 military specification single material response or mil-s-6758 military specification single material response

**Style Designator:**

Shouldered

**Thread Series Designator:**

Unf stud thread

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A051a0

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

Mil-s-6050 spec.