

View Online at <https://aerobasegroup.com/nsn/5305-01-488-3743>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.567 inches and 0.706 inches

**Fastener Length:**

1.797 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

0.542 inches

**Locking Feature:**

Detent ring locking feature

**Grip Diameter:**

Between 0.311 inches and 0.312 inches

**Point Length:**

0.100 inches

**Point Diameter:**

Between 0.267 inches and 0.272 inches

**Single Shear Strength:**

6490 pounds per square inch

**Point Style:**

Chamfer dog

**End Application:**

F-22 raptor

**Thread Diameter:**

0.312 inches

**Grip Length:**

Between 0.991 inches and 1.130 inches

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

24

**Min. Tensile Strength (psi):**

4600 pounds per square inch

**Countersink Angle:**

Between 99.0 degrees and 100.0 degrees

**Point Chamfer Angle:**

45.0 degrees

**Product Name:**

Stud bolt

**Special Features:**

Drive style is: radial-slot recess/ fairchild areospace, not listed this fig. Bored hole, threaded end, 0.130 in dia, 0.620 in dp; wire form hold-out spring inserted; 2 lead thread

**Material:**

Iron alloy 660

**Material Specification:**

Ams 5731 national std/spec 1st material response or ams 5737 national std/spec 2nd material response

**Surface Treatment:**

Passivate

**Surface Treatment Specification:**

Ams qq-p-35 national std/spec all treatment responses

**Supplementary Features:**

Stud bolts shall have polypropylene head protective ring installed for shipping, customer to remove ring before installing

**Thread Series Designator:**

Unf

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A003b0