

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