NSN 5306-01-622-9216

Shear Bolt - Page 1 of 2



view Online at https://aerobasegroup.com/hsh/5506-01-622-9216
Thread Class:
3a
Thread Direction:
Right-hand
Thread Length:
0.528 inches
Fastener Length:
Between 4.388 inches and 4.418 inches
Head Style:
Hexagon
Head Height:
Between 0.250 inches and 0.265 inches
Width Between Flats:
Between 0.741 inches and 0.752 inches
Hole Diameter:
Between 0.070 inches and 0.080 inches
Grip Diameter:
Between 0.4985 inches and 0.4995 inches
Thread Diameter:
0.500 inches
Grip Length:
Between 3.865 inches and 3.885 inches
Hole Quantity:
3
Hole Type:
Drilled
Thready Qty Per Inch (tpi):
20
Min. Tensile Strength (psi):
160000 pounds per square inch
Hole Configuration Style:
Hexagon flats
Surface Finish:
32.0 microinches threads
Product Name:
Bolt, tension, hex head, close tolerance, alloy steel, short thread, reduced major thread dia., self-locking and nonlocking, 160ksi ftu
Material:
Steel comp 4140 or steel comp 4340 or steel comp 8740
Material Specification:
Ams6349 or ams6382 national std/spec 1st material response or ams6415 or ams6484 national std/spec 2nd material response or
ams6322 national std/spec 3rd material response

Surface Treatment:

Cadmium

NSN 5306-01-622-9216

Shear Bolt - Page 2 of 2



Surface Treatment Specification:

Qq-p-416, type ii, class 2; embrittlement requirement per nas4002 federal specification single treatment response

Thread Series Designator:

Unjf

Specification Data:

80205-nas6203 through 6220 professional/industrial association standard

Shelf Life:

N/a

Unit Of Measure:

__

Demilitarization:

No

Fiig:

A003b0