NSN 5306-01-331-1083

Shear Bolt - Page 1 of 2

2nd material response



View Online at https://aerobasegroup.com/nsn/5306-01-331-1083

Thread Class:
3a
Thread Direction:
Right-hand
Thread Length:
0.454 inches
Fastener Length:
Between 3.314 inches and 3.344 inches
Head Style:
Dished hexagon
Head Height:
Between 0.188 inches and 0.203 inches
Width Between Flats:
Between 0.554 inches and 0.564 inches
Hole Diameter:
Between 0.070 inches and 0.080 inches
Grip Diameter:
Between 0.3735 inches and 0.3745 inches
Thread Diameter:
0.375 inches
Grip Length:
Between 2.865 inches and 2.895 inches
Hole Quantity:
3
Hole Type:
Drilled
Thready Qty Per Inch (tpi):
24
Min. Tensile Strength (psi):
160000 pounds per square inch
Hardness Rating:
36.0 rockwell c and 40.0 rockwell c
Hole Configuration Style:
Hexagon corners
Surface Finish:
32.0 microinches threads
Product Name:
Navy special project
Material:
Steel comp e4340 or steel comp 8740
Material Specification:
Mil-s-5000 military specification 1st material response or mil-s-6049 military specification 2nd material response or ams6322 assn standard

NSN 5306-01-331-1083

Shear Bolt - Page 2 of 2

A003b0

Mil-s-5000 spec.

Mil-std (military Standard):



Surface Treatment:
Cadmium and chromate
Surface Treatment Specification:
Qq-p-416, type 2, cl 2 federal specification single treatment response
Thread Series Designator:
Unjf
Specification Data:
80205-nas6206 professional/industrial association standard
Shelf Life:
N/a
Unit Of Measure:

Demilitarization:
No
Fiig: