NSN 5306-01-046-0562

Shear Bolt - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5306-01-046-0562

Thread Class:
3a
Thread Direction:
Right-hand
Thread Length:
Between 1.760 inches and 1.800 inches
Fastener Length:
Between 6.270 inches and 6.290 inches
Head Style:
Double hexagon w/hole
Head Height:
Between 1.145 inches and 1.165 inches
Width Between Flats:
Between 1.302 inches and 1.322 inches
Extended Washer Diameter:
Between 2.115 inches and 2.125 inches
Extended Washer Thickness:
Between 0.259 inches and 0.279 inches
Hole Diameter:
0.055 inches
Grip Diameter:
Between 1.2475 inches and 1.2490 inches
End Application:
Spec item
Thread Diameter:
1.250 inches
Grip Length:
Between 4.490 inches and 4.510 inches
Hole Quantity:
4
Hole Type:
Drilled
Thready Qty Per Inch (tpi):
12
Min. Tensile Strength (psi):
180000 pounds per square inch
Hardness Rating:
39.0 rockwell c and 43.0 rockwell c
Hole Configuration Style:
Hexagon flats

Material:

Steel comp 4140 or steel comp 4340 or steel comp 8740 or steel comp 6150

NSN 5306-01-046-0562

Shear Bolt - Page 2 of 2

Fiig: A003b0



Surface Treatment:
Cadmium and chromate
Surface Treatment Specification:
Qq-p-416 type 2 class 2 federal specification single treatment response
Thread Series Designator:
Unf
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No