NSN 5306-01-313-1750

Shear Bolt - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5306-01-313-1750

Thread Class:
3a
Thread Direction:
Right-hand
Thread Length:
Between 0.445 inches and 0.495 inches
Fastener Length:
Between 0.767 inches and 0.797 inches
Head Style:
Spline extended washer
Head Height:
Between 0.240 inches and 0.260 inches
Extended Washer Diameter:
Between 0.460 inches and 0.470 inches
Extended Washer Thickness:
Between 0.026 inches and 0.046 inches
Hole Diameter:
Between 0.032 inches and 0.042 inches
Grip Diameter:
Between 0.2485 inches and 0.2495 inches
Head Minor Diameter:
Between 0.235 inches and 0.250 inches
Thread Diameter:
0.250 inches
Grip Length:
Between 0.302 inches and 0.322 inches
Hole Quantity:
4
Hole Type:
Drilled
Thready Qty Per Inch (tpi):
28
Min. Tensile Strength (psi):
180000 pounds per square inch
Hardness Rating:
39.0 rockwell c and 43.0 rockwell c

Hole Configuration Style:

Double hexagon longitudinal hole

Surface Finish:

32.0 microinches grip

Material:

Steel comp 4140 or steel comp e4340 or steel comp 8740 or steel comp 6150

NSN 5306-01-313-1750

Shear Bolt - Page 2 of 2

Fiig: A003b0



Surface Treatment:
Cadmium and chromate
Surface Treatment Specification:
Qq-416 type 2 cl3 federal specification single treatment response
Thread Series Designator:
Unjf
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No