NSN 5306-00-811-0053

Shear Bolt - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5306-00-811-0053
Thread Class:
3a
Thread Direction:
Right-hand
Thread Length:
Between 0.603 inches and 0.653 inches
Fastener Length:
Between 0.751 inches and 0.781 inches
Head Style:
Dished hexagon
Head Height:
0.188 inches
Width Between Flats:
Between 0.553 inches and 0.564 inches
Hole Diameter:
0.070 inches
Grip Diameter:
Between 0.3735 inches and 0.3745 inches
Thread Diameter:
0.375 inches
Grip Length:
Between 0.178 inches and 0.198 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
Material:
Steel comp 4140 or steel comp e4340 or steel comp 6150 or steel comp 8735 or steel comp 8740
Material Specification:
Mil-s-5626 military specification 1st material response or mil-s-5000 military specification 2nd material response or mil-s-8503 military
specification 3rd material response or mil-s-6098 military specification 4th material response or mil-s-6049 military specification 5th material
response
Surface Treatment:
Cadmium and chromate
Surface Treatment Specification:

Qq-p-416, type 2, class 3 federal specification single treatment response

NSN 5306-00-811-0053

Shear Bolt - Page 2 of 2

Mil-s-5626 spec.



Thread Series Designator:
Unf
Specification Data:
80205-nas1306 professional/industrial association standard
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A003b0
Mil-std (military Standard):