NSN 5306-01-031-1024

Shear Bolt - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5306-01-031-1024

View Online at https://aerobasegroup.com/nsn/5306-01-031-1024
Thread Class:
3a
Thread Direction:
Right-hand
Thread Length:
Between 0.313 inches and 0.363 inches
Fastener Length:
Between 2.635 inches and 2.665 inches
Head Style:
Dished hexagon
Head Height:
Between 0.110 inches and 0.125 inches
Width Between Flats:
Between 0.367 inches and 0.376 inches
Hole Diameter:
0.051 inches
Grip Diameter:
Between 0.1885 inches and 0.1895 inches
Thread Diameter:
0.190 inches
Grip Length:
Between 2.302 inches and 2.322 inches
Hole Quantity:
3
Hole Type:
Drilled
Thready Qty Per Inch (tpi):
32
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:
63.0 microinches grip
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

NSN 5306-01-031-1024

Shear Bolt - Page 2 of 2



Surface Treatment Specification:

Qq-p-416, type 2, class 2 federal specification all treatment responses

Thread Series Designator:

Unjf

Specification Data:

80205-nas1303 professional/industrial association standard

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A003b0

Mil-std (military Standard):

Mil-s-5626 spec.