NSN 5306-00-491-1535 Shear Bolt - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5306-00-491-1535
Thread Class:
3a
Thread Direction:
Right-hand
Thread Length:
Between 0.669 inches and 0.719 inches
Fastener Length:
Between 1.616 inches and 1.646 inches
Head Style:
Double hexagon w/hole
Head Height:
Between 0.425 inches and 0.445 inches
Width Between Flats:
Between 0.494 inches and 0.503 inches
Extended Washer Diameter:
Between 0.740 inches and 0.750 inches
Extended Washer Thickness:
Between 0.089 inches and 0.109 inches
Grip Diameter:
Between 0.4360 inches and 0.4370 inches
Thread Diameter:
0.438 inches
Grip Length:
Between 0.927 inches and 0.947 inches
Thready Qty Per Inch (tpi):
20
Min. Tensile Strength (psi):
180000 pounds per square inch
Hardness Rating:
39.0 rockwell c and 43.0 rockwell c
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 or militar
response
Surface Treatment:
Cadmium
Surface Treatment Specification:
Nas 672 assn standard single treatment response
Thread Series Designator:

N/a

Unjf

Shelf Life:

NSN 5306-00-491-1535

Shear Bolt - Page 2 of 2



U	nit	Of	Measure:

--

Demilitarization:

No

Fiig:

A003b0

Mil-std (military Standard):

Mil-s-5626 spec.