NSN 5306-00-060-9685

Shear Bolt - Page 1 of 2

Thread Class:



View Online at https://aerobasegroup.com/nsn/5306-00-060-9685

3a	
Thread Direction:	
Right-hand	
Thread Length:	
Between 0.669 inches and 0.719 inches	
Fastener Length:	
Between 0.929 inches and 0.959 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	
Hole Diameter:	
0.055 inches	
Grip Diameter:	
Between 0.4360 inches and 0.4370 inches	
Thread Diameter:	
0.438 inches	
Grip Length:	
Between 0.240 inches and 0.260 inches	
Hole Quantity:	
4	
Hole Type:	
Drilled	
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	
Hole Configuration Style:	
Hexagon flats	
Material:	
Steel comp e4340 or steel comp 4140 or steel comp 8740 or steel comp 8735	
Material Specification:	
Mil-s-5000 military specification 1st material response or mil-s-5626 military specification 2nd material response or mil-s-	-6049 military
specification 3rd material response or mil-s-6098 military specification 4th material response	

NSN 5306-00-060-9685

Shear Bolt - Page 2 of 2

Mil-s-5000 spec.



Surface Treatment:
Cadmium
Surface Treatment Specification:
Nas 672 assn standard single treatment response
Thread Series Designator:
Unjf
Specification Data:
80205-nas627 professional/industrial association standard
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A003b0
Mil-std (military Standard):