NSN 5306-01-274-4477

Shear Bolt - Page 1 of 2



Chical Bolt 1 age 1 of 2	
View Online at https://aerobasegroup.com/nsn/5306-01-274-4477	
Thread Class:	
3a	
Thread Direction:	
Right-hand	
Thread Length:	
Between 0.387 inches and 0.437 inches	
Fastener Length:	
Between 2.147 inches and 2.177 inches	
Head Style:	
Double hexagon w/hole	
Head Height:	
Between 0.290 inches and 0.310 inches	
Width Between Flats:	
Between 0.304 inches and 0.313 inches	
Extended Washer Diameter:	
Between 0.428 inches and 0.438 inches	
Extended Washer Thickness:	
0.069 inches	
Grip Diameter:	
Between 0.2485 inches and 0.2495 inches	
Thread Diameter:	
0.250 inches	
Grip Length:	
Between 1.740 inches and 1.750 inches	
Thready Qty Per Inch (tpi):	
28	
Min. Tensile Strength (psi):	
220000 pounds per square inch	
Hardness Rating:	
46.0 rockwell c and 50.0 rockwell c	
Surface Finish:	
32.0 microinches grip	
Product Name:	
Navy special project	
Material:	
Steel comp h11	
Material Specification:	

Ams 6487 assn standard single material response

Surface Treatment:

Cadmium and chromate

Surface Treatment Specification:

Mil-c-8837, type 2 class 2 military specification single treatment response

NSN 5306-01-274-4477

Shear Bolt - Page 2 of 2



Thread Series Designator:		
Unjf		
Shelf Life:		
N/a		
Unit Of Measure:		
Demilitarization:		
No		
Fiig:		
A003b0		
Mil-std (military Standard):		

Mil-c-8837 spec.