NSN 5306-01-119-1053

Shear Bolt - Page 1 of 2

Cadmium and chromate



	0.100.00
View Online at https://aerobasegroup.com/nsn/5306-01-119-1053	
Thread Class:	
3a	
Thread Direction:	
Right-hand	
Thread Length:	
Between 0.444 inches and 0.494 inches	
Fastener Length:	
Between 1.516 inches and 1.546 inches	
Head Style:	
Dished hexagon	
Head Height:	
Between 0.156 inches and 0.171 inches	
Width Between Flats:	
Between 0.492 inches and 0.502 inches	
Hole Diameter:	
Between 0.070 inches and 0.080 inches	
Grip Diameter:	
Between 0.3110 inches and 0.3120 inches	
Thread Diameter:	
0.312 inches	
Grip Length:	
Between 1.052 inches and 1.072 inches	
Hole Quantity:	
3	
Hole Type:	
Drilled	
Thready Qty Per Inch (tpi):	
24	
Min. Tensile Strength (psi):	
180000 pounds per square inch	
Hardness Rating:	
39.0 rockwell c and 43.0 rockwell c	
Hole Configuration Style:	
Hexagon corners	
Surface Finish:	
32.0 microinches threads	
Material:	
Steel comp e4340 or steel comp 8740	
Material Specification:	
Mil-s-5000 military specification 1st material response or mil-s-6049 military specification 2nd material response or am	s 6322 assn standard
2nd material response	
Surface Treatment:	

NSN 5306-01-119-1053

Shear Bolt - Page 2 of 2



Surface Treatment Specification:

Qq-p-416 type 2 cl 2 federal specification single treatment response

Thread Series Designator:

Unjf

Specification Data:

80205-nas1955 professional/industrial association standard

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

No

Fiig:

A003b0

Mil-std (military Standard):

Mil-s-5000 spec.