



Military-Fasteners.com

P/N AN178H27

Description

Fastener Length: 2-63/64", Hole Diameter: 1/16", Thread: 1/2-20, Thread Length: 53/64

* Manufacturer certifications are shipped with your order FREE of charge

Order this part online

Additional Information

SKU / Model:	AN178H27
Minimum Qty (MOQ):	2
NSN:	5306-00-151-3087
Schedule B:	7318.15.8085
ECCN:	EAR99
National Motor Freight:	093486, Bolts,nuts Or Screws, Noi (sub 3)



* See page 2 for technical characteristics

P/N AN178H27 Specifications

Thread Class:	3a
Thread Direction:	Right-hand
Thread Length:	0.749 Inches Minimum And 0.828 Inches Maximum
Fastener Length:	2.953 Inches Minimum And 3.000 Inches Maximum
Head Style:	Hexagon
Head Height:	0.265 Inches Minimum And 0.297 Inches Maximum
Width Between Flats:	0.740 Inches Minimum And 0.752 Inches Maximum
Hole Diameter:	0.070 Inches Nominal
Grip Diameter:	0.4986 Inches Minimum And 0.4991 Inches Maximum
Shank Unthreaded Hole Diameter:	0.106 Inches Nominal First Hole
Nominal Thread Diameter:	0.500 Inches
Grip Length:	2.172 Inches Minimum And 2.204 Inches Maximum
Hole Quantity:	1
Hole Type:	Drilled
Thread Quantity Per Inch:	20
Minimum Tensile Strength:	125000 Pounds Per Square Inch
Hardness Rating:	26.0 Rockwell C Minimum Overall And 32.0 Rockwell C Maximum Overall
Hole Configuration Style:	Hexagon Flats
Distance From Head Largest Bearing Surface To Shank Hole Center:	2.781 Inches Minimum First Hole And 2.813 Inches Maximum First Hole
Surface Finish:	63.0 Microinches Bearing Surface Of Head
Surface Finish:	63.0 Microinches Grip
Material:	Steel Comp 8740 Overall Or Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 4037 Overall Or Steel Comp 4140 Overall Or Steel Comp 4130 Overall
Material Document And Classification:	Mil-s-6049 Mil Spec 1st Material Response Overall Or Mil-s-6050 Mil Spec 2nd Material Response Overall Or Mil-s-6098 Mil Spec 3rd Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mil-s-5626 Mil Spec 5th Material Response Overall Or Mil-s-6758 Mil Spec 6th Material Response Overall
Surface Treatment:	Cadmium Overall And Chromate Overall
Surface Treatment Document And Classification:	Qq-p-416,ty2 Cl3 Fed Spec Single Treatment Response Overall
Thread Series Designator:	Unf

How to Order

Order this close tolerance bolt from our inventory online by visiting <https://military-fasteners.com/bolts/close+tolerance+bolts/AN178H27> and selecting the quantity you want then click "add to cart". Once items are in your cart you can check out [here](#) to complete your order.