

**Description**

length: 4-7/16", grip: 3-11/16", thread: 3/8-24, cadmium plated steel, drilled shank

\* Manufacturer certifications are shipped with your order FREE of charge

Order this part online

**Additional Information**

SKU / Model:	AN17642
Minimum Qty (MOQ):	1
NSN:	5306-00-180-0522
ECCN:	EAR99
National Motor Freight:	093486, Bolts,nuts Or Screws, Noi (sub 3)



# P/N AN176-42 Specifications

<b>Thread Class:</b>	3a
<b>Thread Direction:</b>	Right-hand
<b>Thread Length:</b>	0.640 Inches Minimum
<b>Fastener Length:</b>	4.328 Inches Nominal
<b>Head Style:</b>	Hexagon
<b>Head Height:</b>	0.203 Inches Minimum And 0.235 Inches Maximum
<b>Width Between Flats:</b>	0.553 Inches Minimum And 0.565 Inches Maximum
<b>Grip Diameter:</b>	0.3737 Inches Minimum And 0.3742 Inches Maximum
<b>Shank Unthreaded Hole Diameter:</b>	0.106 Inches Nominal First Hole
<b>Nominal Thread Diameter:</b>	0.375 Inches
<b>Grip Length:</b>	3.688 Inches Nominal
<b>Thread Quantity Per Inch:</b>	24
<b>Minimum Tensile Strength:</b>	125000 Pounds Per Square Inch
<b>Hardness Rating:</b>	26.0 Rockwell C Minimum Overall And 32.0 Rockwell C Maximum Overall
<b>Distance From Head Largest Bearing Surface To Shank Hole Center:</b>	4.126 Inches Nominal First Hole
<b>Surface Finish:</b>	63.0 Microinches Bearing Surface Of Head
<b>Surface Finish:</b>	63.0 Microinches Grip
<b>Material:</b>	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
<b>Material Document And Classification:</b>	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
<b>Surface Treatment:</b>	Cadmium Overall And Chromate Overall
<b>Surface Treatment Document And Classification:</b>	Qq-p-416,ty 2,cl 3 Fed Spec All Treatment Responses Overall
<b>Thread Series Designator:</b>	Unf

## How to Order

Order this close tolerance bolt from our inventory online by visiting <https://military-fasteners.com/bolts/close+tolerance+bolts/AN176-42> 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.