

**Description**

length: 3-7/32", grip: 2-7/16", thread: 1/2-20, cadmium plated steel, undrilled shank, AN8 series bolt

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

Order this part online

**Additional Information**

SKU / Model:	AN831A
Minimum Qty (MOQ):	10
NSN:	5306-00-638-7718
ECCN:	EAR99
National Motor Freight:	093486, Bolts,nuts Or Screws, Noi (sub 3)



# P/N AN8-31A Specifications

Thread Class:	3a
Thread Direction:	Right-hand
Thread Length:	0.781 Inches Minimum
Fastener Length:	3.219 Inches Nominal
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
Nominal Thread Diameter:	0.500 Inches
Grip Length:	2.438 Inches Nominal
Features Provided:	Finished Head
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
Material:	Steel Comp 4037 Overall Or Steel Comp 4130 Overall Or Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 8740 Overall Or Steel Comp 4140 Overall
Material Document And Classification:	Mil-b-6812 Mil Spec All Material Responses Overall
Surface Treatment:	Cadmium Overall And Chromate Overall
Surface Treatment Document And Classification:	Qq-p-416,ty 2,cl 3 Fed Spec All Treatment Responses Overall
Thread Series Designator:	Unf

## How to Order

Order this machine bolt from our inventory online by visiting <https://military-fasteners.com/bolts/machine+bolts/AN8-31A> 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.