

## P/N AN4DD12A

### **Description**

Fastener Length: 1-17/64", Thread: 1/4-28, Thread Length: 7/16"

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

## Order this part online

#### **Additional Information**

SKU / Model:	AN4DD12A
Minimum Qty (MOQ):	5 EA
NSN:	5306-00-151-1052
Schedule B:	7318.15.8085
ECCN:	9A991

013280, Alum Bolts



National Motor Freight:

<sup>\*</sup> See page 2 for technical characteristics

# **P/N AN4DD12A Specifications**

Thread Direction: Right-hand Thread Length: 0.438 Inches Minimum And 0.516 Inches Maximum Fastener Length: 1.266 Inches Minimum And 1.312 Inches Maximum Head Style: Hexagon Head Height: 0.140 Inches Minimum And 0.172 Inches Maximum Width Between Flats: 0.428 Inches Minimum And 0.440 Inches Maximum Width Between Flats: 0.428 Inches Minimum And 0.440 Inches Maximum Width Between Flats: 0.797 Inches Minimum And 0.828 Inches Maximum Features Provided: 1.574 Inches Minimum And 0.828 Inches Maximum Features Provided: Finished Head Thread Quantity Per Inch: 28 Minimum Tensile Strength: 6200 Pounds Per Square Inch Material: Aluminum Alloy Overall Material Document And Classification: Qq-a-200 Fed Spec 1st Material Response Overall Or Qq-a-225 Fed Spec 2nd Material Response Overall Or Qq-a-430 Fed Spec 3rd Material Response Overall Material Document And Classification: Qq-a-200 Fed Spec 1st Material Response Or Qq-a-225 Fed Spec 2nd Material Response Or Qq-a-430 Fed Spec 3rd Material Response Overall Surface Treatment: 0xide Film And Anodize Overall Surface Treatment Document And Classification: Mil-c-5541 Mil Spec 1st Treatment Response Overall And Mil-a-8625 Mil Spec 2nd Treatment Response Overall Surface Treatment Document And Classification: Mil-c-5541 Mil Spec 1st Treatment Response And Mil-a-8625 Mil Spec 2nd Treatment Response Overall		
Thread Length:  Fastener Length:  1.266 Inches Minimum And 1.312 Inches Maximum  Head Style:  Head Height:  0.140 Inches Minimum And 0.172 Inches Maximum  Width Between Flats:  0.428 Inches Minimum And 0.440 Inches Maximum  Nominal Thread Diameter:  0.250 Inches  Grip Length:  1.797 Inches Minimum And 0.828 Inches Maximum  And 0.828 Inches Minimum And 0.828 Inches Maximum  Features Provided:  Finished Head  Thread Quantity Per Inch:  28  Minimum Tensile Strength:  Auminum Alloy Overall  Material Document And Classification:  Qq-a-200 Fed Spec 1st Material Response Overall Or Qq-a-225 Fed Spec 2nd Material Response Overall Or Qq-a-430 Fed Spec 3rd Material Response Overall  Surface Treatment:  Oxide Film Overall And Anodize Overall  Surface Treatment Document And Classification:  Mile-c-5541 Mil Spec 1st Treatment Response Overall And Mil-a-8625 Mil Spec 2nd Treatment Response Overall  Surface Treatment Document And Classification:  Mile-c-5541 Mil Spec 1st Treatment Response Overall Spec 2nd Treatment Response Overall  Mile-c-5541 Mil Spec 1st Treatment Response Overall And Mil-a-8625 Mil Spec 2nd Treatment Response Overall	Thread Class:	3a
Fastener Length: Head Style: Head Height:  0.140 Inches Minimum And 0.172 Inches Maximum Width Between Flats: 0.428 Inches Minimum And 0.440 Inches Maximum Nominal Thread Diameter: 0.250 Inches Grip Length: 0.797 Inches Minimum And 0.828 Inches Maximum Features Provided: Finished Head Thread Quantity Per Inch: 28 Minimum Tensile Strength: 62000 Pounds Per Square Inch Material: Aluminum Alloy Overall Material Document And Classification: Qra-200 Fed Spec 1st Material Response Overall Or Qq-a-225 Fed Spec 2nd Material Response Overall Or Qq-a-430 Fed Spec 3rd Material Response Overall Surface Treatment: Oxide Film Overall And Anodize Overall Surface Treatment Document And Classification:	Thread Direction:	Right-hand
Head Style: Head Height:  0.140 Inches Minimum And 0.172 Inches Maximum  0.428 Inches Minimum And 0.440 Inches Maximum  Nominal Thread Diameter: 0.250 Inches  Grip Length: 0.797 Inches Minimum And 0.828 Inches Maximum  Features Provided: Thread Quantity Per Inch: 828  Minimum Tensile Strength: 62000 Pounds Per Square Inch  Material Document And Classification: Q-a-200 Fed Spec 1st Material Response Overall Or Q-a-225 Fed Spec 2nd Material Response Overall Or Q-a-430 Fed Spec 3rd Material Response Overall  Material Document And Classification: Q-a-200 Fed Spec 1st Material Response Or Q-a-225 Fed Spec 2nd Material Response Overall Or Q-a-430 Fed Spec 3rd Material Response Overall  Oxide Film Overall And Anodize Overall  Surface Treatment: Oxide Film Overall And Anodize Overall  Surface Treatment Document And Classification:	Thread Length:	0.438 Inches Minimum And 0.516 Inches Maximum
Head Height:  Width Between Flats:  0.428 Inches Minimum And 0.440 Inches Maximum  Nominal Thread Diameter:  0.250 Inches  Grip Length:  7.797 Inches Minimum And 0.828 Inches Maximum  Features Provided:  Thread Quantity Per Inch:  Material Document And Classification:  Material Document And Classification:  Cya-200 Fed Spec 1st Material Response Overall  Material Response Overall  Surface Treatment:  Oxide Film And Anodize Overall  Surface Treatment Document And Classification:  Milc-5541 Mil Spec 1st Treatment Response And Mil-a-8625 Mil Spec 2nd Treatment Response Overall  Milc-5541 Mil Spec 1st Treatment Response And Mil-a-8625 Mil Spec 2nd Treatment Response Overall  Milc-5541 Mil Spec 1st Treatment Response And Mil-a-8625 Mil Spec 2nd Treatment Response Overall  Milc-5541 Mil Spec 1st Treatment Response And Mil-a-8625 Mil Spec 2nd Treatment Response Overall	Fastener Length:	1.266 Inches Minimum And 1.312 Inches Maximum
Width Between Flats:0.428 Inches Minimum And 0.440 Inches MaximumNominal Thread Diameter:0.250 InchesGrip Length:0.797 Inches Minimum And 0.828 Inches MaximumFeatures Provided:Finished HeadThread Quantity Per Inch:28Minimum Tensile Strength:62000 Pounds Per Square InchMaterial:Aluminum Alloy OverallMaterial Document And Classification:Qq-a-200 Fed Spec 1st Material Response Overall Or Qq-a-225 Fed Spec 2nd Material Response Overall Or Qq-a-430 Fed Spec 3rd Material Response OverallSurface Treatment:Oxide Film Overall And Anodize OverallSurface Treatment Document And Classification:Mil-c-5541 Mil Spec 1st Treatment Response Overall And Mil-a-8625 Mil Spec 2nd Treatment Response OverallSurface Treatment Document And Classification:Mil-c-5541 Mil Spec 1st Treatment Response And Mil-a-8625 Mil Spec 2nd Treatment Response Overall	Head Style:	Hexagon
Nominal Thread Diameter:  Grip Length:  0.797 Inches Minimum And 0.828 Inches Maximum  Features Provided:  Thread Quantity Per Inch:  828  Minimum Tensile Strength:  62000 Pounds Per Square Inch  Material:  Aluminum Alloy Overall  Qq-a-200 Fed Spec 1st Material Response Overall Or Qq-a-225 Fed Spec 2nd Material Response Overall Or Qq-a-430 Fed Spec 3rd Material Response Overall  Qq-a-200 Fed Spec 1st Material Response Overall  Surface Treatment:  Oxide Film Overall And Anodize Overall  Surface Treatment Document And Classification:  Mil-c-5541 Mil Spec 1st Treatment Response And Mil-a-8625 Mil Spec 2nd Treatment Response Overall  Mil-c-5541 Mil Spec 1st Treatment Response And Mil-a-8625 Mil Spec 2nd Treatment Response Overall	Head Height:	0.140 Inches Minimum And 0.172 Inches Maximum
Grip Length: Captures Provided: Finished Head Features Provided: Finished Head Finishe	Width Between Flats:	0.428 Inches Minimum And 0.440 Inches Maximum
Features Provided: Finished Head  Thread Quantity Per Inch: 28  Minimum Tensile Strength: Material: Aluminum Alloy Overall  Material Document And Classification: Qq-a-200 Fed Spec 1st Material Response Overall Or Qq-a-225 Fed Spec 2nd Material Response Overall Or Qq-a-430 Fed Spec 3rd Material Response Overall  Material Document And Classification: Qq-a-200 Fed Spec 1st Material Response Or Qq-a-225 Fed Spec 2nd Material Response Or Qq-a-430 Fed Spec 3rd Material Response Overall  Surface Treatment: Oxide Film Overall And Anodize Overall  Surface Treatment Document And Classification: Mil-c-5541 Mil Spec 1st Treatment Response Overall And Mil-a-8625 Mil Spec 2nd Treatment Response Overall  Mil-c-5541 Mil Spec 1st Treatment Response And Mil-a-8625 Mil Spec 2nd Treatment Response Overall	Nominal Thread Diameter:	0.250 Inches
Minimum Tensile Strength:  62000 Pounds Per Square Inch  Material:  Aluminum Alloy Overall  Material Document And Classification:  Qq-a-200 Fed Spec 1st Material Response Overall Or Qq-a-225 Fed Spec 2nd Material Response Overall Or Qq-a-430 Fed Spec 3rd Material Response Overall  Qq-a-200 Fed Spec 1st Material Response Or Qq-a-225 Fed Spec 2nd Material Response Or Qq-a-430 Fed Spec 3rd Material Response Overall  Qq-a-200 Fed Spec 1st Material Response Or Qq-a-225 Fed Spec 2nd Material Response Or Qq-a-430 Fed Spec 3rd Material Response Overall  Surface Treatment:  Oxide Film Overall And Anodize Overall  Surface Treatment Document And Classification:  Mil-c-5541 Mil Spec 1st Treatment Response Overall And Mil-a-8625 Mil Spec 2nd Treatment Response Overall  Mil-c-5541 Mil Spec 1st Treatment Response And Mil-a-8625 Mil Spec 2nd Treatment Response Overall	Grip Length:	0.797 Inches Minimum And 0.828 Inches Maximum
Minimum Tensile Strength:  Material:  Aluminum Alloy Overall  Qq-a-200 Fed Spec 1st Material Response Overall Or Qq-a-225 Fed Spec 2nd Material Response Overall Or Qq-a-430 Fed Spec 3rd Material Response Overall  Material Document And Classification:  Qq-a-200 Fed Spec 1st Material Response Or Qq-a-225 Fed Spec 2nd Material Response Or Qq-a-430 Fed Spec 3rd Material Response Overall  Surface Treatment:  Oxide Film Overall And Anodize Overall  Surface Treatment Document And Classification:  Mil-c-5541 Mil Spec 1st Treatment Response Overall And Mil-a-8625 Mil Spec 2nd Treatment Response Overall  Mil-c-5541 Mil Spec 1st Treatment Response And Mil-a-8625 Mil Spec 2nd Treatment Response Overall	Features Provided:	Finished Head
Material:  Material Document And Classification:  Qq-a-200 Fed Spec 1st Material Response Overall Or Qq-a-225 Fed Spec 2nd Material Response Overall Or Qq-a-430 Fed Spec 3rd Material Response Overall  Qq-a-200 Fed Spec 1st Material Response Or Qq-a-225 Fed Spec 2nd Material Response Or Qq-a-430 Fed Spec 3rd Material Response Overall  Qq-a-200 Fed Spec 1st Material Response Or Qq-a-225 Fed Spec 2nd Material Response Or Qq-a-430 Fed Spec 3rd Material Response Overall  Surface Treatment:  Oxide Film Overall And Anodize Overall  Surface Treatment Document And Classification:  Mil-c-5541 Mil Spec 1st Treatment Response Overall And Mil-a-8625 Mil Spec 2nd Treatment Response Overall  Surface Treatment Document And Classification:  Mil-c-5541 Mil Spec 1st Treatment Response And Mil-a-8625 Mil Spec 2nd Treatment Response Overall	Thread Quantity Per Inch:	28
Material Document And Classification:  Qq-a-200 Fed Spec 1st Material Response Overall Or Qq-a-225 Fed Spec 2nd Material Response Overall Or Qq-a-430 Fed Spec 3rd Material Response Overall  Qq-a-200 Fed Spec 1st Material Response Or Qq-a-225 Fed Spec 2nd Material Response Or Qq-a-430 Fed Spec 3rd Material Response Overall  Surface Treatment:  Oxide Film Overall And Anodize Overall  Surface Treatment Document And Classification:  Mil-c-5541 Mil Spec 1st Treatment Response Overall And Mil-a-8625 Mil Spec 2nd Treatment Response Overall  Mil-c-5541 Mil Spec 1st Treatment Response And Mil-a-8625 Mil Spec 2nd Treatment Response Overall	Minimum Tensile Strength:	62000 Pounds Per Square Inch
Material Document And Classification:  Material Document And Classification:  Qq-a-200 Fed Spec 1st Material Response Or Qq-a-225 Fed Spec 2nd Material Response Or Qq-a-430 Fed Spec 3rd Material Response Overall  Surface Treatment:  Oxide Film Overall And Anodize Overall  Surface Treatment Document And Classification:  Mil-c-5541 Mil Spec 1st Treatment Response Overall And Mil-a-8625 Mil Spec 2nd Treatment Response Overall  Mil-c-5541 Mil Spec 1st Treatment Response And Mil-a-8625 Mil Spec 2nd Treatment Response Overall	Material:	Aluminum Alloy Overall
Material Document And Classification:  Material Response Overall  Oxide Film Overall And Anodize Overall  Surface Treatment:  Oxide Film And Anodize Overall  Surface Treatment Document And Classification:  Mil-c-5541 Mil Spec 1st Treatment Response Overall And Mil-a-8625 Mil Spec 2nd Treatment Response Overall  Surface Treatment Document And Classification:  Mil-c-5541 Mil Spec 1st Treatment Response And Mil-a-8625 Mil Spec 2nd Treatment Response Overall  Mil-c-5541 Mil Spec 1st Treatment Response And Mil-a-8625 Mil Spec 2nd Treatment Response Overall	Material Document And Classification:	
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Surface Treatment Document And Classification: Mil-c-5541 Mil Spec 1st Treatment Response And Mil-a-8625 Mil Spec 2nd Treatment Response Overall	Surface Treatment:	Oxide Film And Anodize Overall
	<b>Surface Treatment Document And Classification:</b>	Mil-c-5541 Mil Spec 1st Treatment Response Overall And Mil-a-8625 Mil Spec 2nd Treatment Response Overall
Thread Series Designator: Unf	<b>Surface Treatment Document And Classification:</b>	Mil-c-5541 Mil Spec 1st Treatment Response And Mil-a-8625 Mil Spec 2nd Treatment Response Overall
	Thread Series Designator:	Unf

## **How to Order**

Order this bolt from our inventory online by visiting <a href="https://military-fasteners.com/bolts/machine+bolts/AN4DD12A">https://military-fasteners.com/bolts/machine+bolts/AN4DD12A</a> and selecting the quantity you want then click "add to cart". Once items are in your cart you can check out <a href="https://military-fasteners.com/bolts/machine+bolts/AN4DD12A">https://military-fasteners.com/bolts/machine+bolts/AN4DD12A</a> and selecting the quantity you want then click "add to cart". Once items are in your cart you can check out <a href="https://military-fasteners.com/bolts/machine+bolts/AN4DD12A">https://military-fasteners.com/bolts/machine+bolts/AN4DD12A</a> and selecting the quantity you want then click "add to cart".