

P/N AN6-12

Description

length: 1-21/64", grip: 11/16", thread: 3/8-24, cadmium plated steel, drilled shank, AN6 series bolt

* Manufacturer certifications are shipped with your order FREE of charge

Order this part online

Additional Information

SKU / Model: AN612

Minimum Qty (MOQ): 25

NSN: 5306-00-151-1339

ECCN: EAR99

National Motor Freight: 093486, Bolts, nuts Or Screws, Noi (sub 3)









^{*} See page 2 for technical characteristics

P/N AN6-12 Specifications

Thread Direction: Right-hand Thread Length: 0.608 Inches Minimum And 0.687 Inches Maximum Fastener Length: 1.312 Inches Minimum And 1.359 Inches Maximum Head Style: Hexagon Width Between Flats: 0.203 Inches Minimum And 0.235 Inches Maximum Width Between Flats: 0.553 Inches Minimum And 0.235 Inches Maximum Width Between Flats: 0.553 Inches Minimum And 0.265 Inches Maximum Shank Unthreaded Hole Diameter: 0.375 Inches Minimum First Hole And 0.116 Inches Maximum First Hole Nominal Thread Diameter: 0.375 Inches Grip Length: 0.672 Inches Minimum And 0.704 Inches Maximum Features Provided: Finished Head Thread Quantity Per Inch: 24 Minimum Tensile Strength: 125000 Pounds Per Square Inch Hardness Rating: 26.0 Rockwell C Minimum Overall And 32.0 Rockwell C Maximum Overall Distance From Head Largest Bearing Surface To Shank Hole Center: 1.250 Inches Nominal First Hole Material: Steel Comp 4037 Overall Or Steel Comp 4130 Overall Or Steel Comp 8630 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 Surface Treatment Document And Classification: Qq-p-416.ty 1.cl 3 Fed Spec Single Treatment Response Overall		
Thread Length: 0.608 Inches Minimum And 0.687 Inches Maximum 1.312 Inches Minimum And 1.359 Inches Maximum Head Style: Head Style: Head Height: 0.203 Inches Minimum And 0.235 Inches Maximum Width Between Flats: 0.553 Inches Minimum And 0.565 Inches Maximum Shank Unthreaded Hole Diameter: 0.106 Inches Minimum First Hole And 0.116 Inches Maximum First Hole Nominal Thread Diameter: 0.375 Inches Grip Length: 0.672 Inches Minimum And 0.704 Inches Maximum Features Provided: Finished Head Thread Quantity Per Inch: 44 Minimum Tensile Strength: 125000 Pounds Per Square Inch Hardness Rating: 0.540 Rockwell C Minimum Overall And 32.0 Rockwell C Maximum Overall Distance From Head Largest Bearing Surface To Shank Hole Center: Material: Material: Material Document And Classification: Mil-b-6812 Mil Spec All Material Responses Overall Surface Treatment: Cadmium Overall Surface Treatment Document And Classification: Q-p-416,ty 1,cl 3 Fed Spec Single Treatment Response Overall	Thread Class:	3a
Fastener Length: Head Style: Head Height: 0.203 Inches Minimum And 0.235 Inches Maximum Width Between Flats: 0.553 Inches Minimum And 0.565 Inches Maximum Shank Unthreaded Hole Diameter: 0.106 Inches Minimum First Hole And 0.116 Inches Maximum First Hole Nominal Thread Diameter: 0.375 Inches Grip Length: 0.672 Inches Minimum And 0.704 Inches Maximum Features Provided: Finished Head Thread Quantity Per Inch: 24 Minimum Tensile Strength: 125000 Pounds Per Square Inch Hardness Rating: 0.60 Rockwell C Minimum Overall And 32.0 Rockwell C Maximum Overall Distance From Head Largest Bearing Surface To Shank Hole Center: 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 Surface Treatment: Cadmium Overall Surface Treatment Document And Classification: Qq-p-416,ty 1,cl 3 Fed Spec Single Treatment Response Overall	Thread Direction:	Right-hand
Head Style: Head Height: 0.203 Inches Minimum And 0.235 Inches Maximum 0.553 Inches Minimum And 0.565 Inches Maximum 0.553 Inches Minimum And 0.565 Inches Maximum Shank Unthreaded Hole Diameter: 0.106 Inches Minimum First Hole And 0.116 Inches Maximum First Hole Nominal Thread Diameter: 0.375 Inches Grip Length: 0.672 Inches Minimum And 0.704 Inches Maximum Features Provided: Finished Head Thread Quantity Per Inch: 24 Minimum Tensile Strength: 125000 Pounds Per Square Inch Hardness Rating: 0.6.0 Rockwell C Minimum Overall And 32.0 Rockwell C Maximum Overall Distance From Head Largest Bearing Surface To Shank Hole Center: Material: Steel Comp 4037 Overall Or Steel Comp 4130 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 Surface Treatment Document And Classification: Q-p-416.ty 1.cl 3 Fed Spec Single Treatment Response Overall	Thread Length:	0.608 Inches Minimum And 0.687 Inches Maximum
Head Height: Width Between Flats: 0.553 Inches Minimum And 0.565 Inches Maximum 0.106 Inches Minimum First Hole And 0.116 Inches Maximum First Hole Nominal Thread Diameter: 0.375 Inches Grip Length: 0.672 Inches Minimum And 0.704 Inches Maximum Features Provided: Finished Head Thread Quantity Per Inch: 425000 Pounds Per Square Inch Hardness Rating: 0.503 Nockwell C Minimum Overall And 32.0 Rockwell C Maximum Overall Distance From Head Largest Bearing Surface To Shank Hole Center: Material: Steel Comp 4037 Overall Or Steel Comp 4130 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 Surface Treatment Document And Classification: Q-p-416,ty 1,cl 3 Fed Spec Single Treatment Response Overall	Fastener Length:	1.312 Inches Minimum And 1.359 Inches Maximum
Width Between Flats: O.553 Inches Minimum And 0.565 Inches Maximum O.106 Inches Minimum First Hole And 0.116 Inches Maximum First Hole Nominal Thread Diameter: O.375 Inches Grip Length: O.672 Inches Minimum And 0.704 Inches Maximum Features Provided: Finished Head Thread Quantity Per Inch: Minimum Tensile Strength: Distance From Head Largest Bearing Surface To Shank Hole Center: Material: Material: Material: Material Document And Classification: Mil-b-6812 Mil Spec All Material Responses Overall Surface Treatment Document And Classification: O.553 Inches Minimum And 0.565 Inches Maximum O.106 Inches Maximum First Hole O.672 Inches Minimum And 0.704 Inches Maximum O.704 Inches Max	Head Style:	Hexagon
Shank Unthreaded Hole Diameter: 0.106 Inches Minimum First Hole And 0.116 Inches Maximum First Hole Nominal Thread Diameter: 0.375 Inches 0.672 Inches Minimum And 0.704 Inches Maximum Features Provided: Finished Head Thread Quantity Per Inch: 24 Minimum Tensile Strength: 125000 Pounds Per Square Inch Hardness Rating: 26.0 Rockwell C Minimum Overall And 32.0 Rockwell C Maximum Overall Distance From Head Largest Bearing Surface To Shank Hole Center: Material: 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 Surface Treatment Document And Classification: Qq-p-416,ty 1,cl 3 Fed Spec Single Treatment Response Overall	Head Height:	0.203 Inches Minimum And 0.235 Inches Maximum
Nominal Thread Diameter: 0.375 Inches Grip Length: 0.672 Inches Minimum And 0.704 Inches Maximum Features Provided: Finished Head Thread Quantity Per Inch: 24 Minimum Tensile Strength: 125000 Pounds Per Square Inch Hardness Rating: 26.0 Rockwell C Minimum Overall And 32.0 Rockwell C Maximum Overall Distance From Head Largest Bearing Surface To Shank Hole Center: Material: Steel Comp 4037 Overall Or Steel Comp 4130 Overall Or Steel Comp 8630 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 Surface Treatment Document And Classification: Q-p-416,ty 1,cl 3 Fed Spec Single Treatment Response Overall	Width Between Flats:	0.553 Inches Minimum And 0.565 Inches Maximum
Grip Length: 6.672 Inches Minimum And 0.704 Inches Maximum Features Provided: Finished Head Thread Quantity Per Inch: Minimum Tensile Strength: 125000 Pounds Per Square Inch 26.0 Rockwell C Minimum Overall And 32.0 Rockwell C Maximum Overall Distance From Head Largest Bearing Surface To Shank Hole Center: 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: Qq-p-416,ty 1,cl 3 Fed Spec Single Treatment Response Overall	Shank Unthreaded Hole Diameter:	0.106 Inches Minimum First Hole And 0.116 Inches Maximum First Hole
Features Provided: Thread Quantity Per Inch: Minimum Tensile Strength: 125000 Pounds Per Square Inch 12500 Rockwell C Minimum Overall And 32.0 Rockwell C Maximum Overall 1250 Inches Nominal First Hole 1250 Inches Nominal	Nominal Thread Diameter:	0.375 Inches
Thread Quantity Per Inch: Minimum Tensile Strength: 125000 Pounds Per Square Inch 26.0 Rockwell C Minimum Overall And 32.0 Rockwell C Maximum Overall Distance From Head Largest Bearing Surface To Shank Hole Center: 1.250 Inches Nominal First Hole Steel Comp 4037 Overall Or Steel Comp 4130 Overall Or Steel Comp 8630 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 Oq-p-416,ty 1,cl 3 Fed Spec Single Treatment Response Overall	Grip Length:	0.672 Inches Minimum And 0.704 Inches Maximum
Minimum Tensile Strength: Hardness Rating: 26.0 Rockwell C Minimum Overall And 32.0 Rockwell C Maximum Overall Distance From Head Largest Bearing Surface To Shank Hole Center: Material: Steel Comp 4037 Overall Or Steel Comp 4130 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 Qq-p-416,ty 1,cl 3 Fed Spec Single Treatment Response Overall	Features Provided:	Finished Head
Hardness Rating: Distance From Head Largest Bearing Surface To Shank Hole Center: Material: Steel Comp 4037 Overall Or Steel Comp 4130 Overall Or Steel Comp 8630 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 Oq-p-416,ty 1,cl 3 Fed Spec Single Treatment Response Overall	Thread Quantity Per Inch:	24
Distance From Head Largest Bearing Surface To Shank Hole Center: Material: Material Document And Classification: Surface Treatment: Cadmium Overall Surface Treatment Document And Classification: Qq-p-416,ty 1,cl 3 Fed Spec Single Treatment Response Overall	Minimum Tensile Strength:	125000 Pounds Per Square Inch
Shank Hole Center: 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 Qq-p-416,ty 1,cl 3 Fed Spec Single Treatment Response Overall	Hardness Rating:	26.0 Rockwell C Minimum Overall And 32.0 Rockwell C Maximum Overall
Material: 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 Surface Treatment Document And Classification: Qq-p-416,ty 1,cl 3 Fed Spec Single Treatment Response Overall	Distance From Head Largest Bearing Surface To Shank Hole Center:	1.250 Inches Nominal First Hole
Surface Treatment Document And Classification: Qq-p-416,ty 1,cl 3 Fed Spec Single Treatment Response Overall	Material:	
Surface Treatment Document And Classification: Qq-p-416,ty 1,cl 3 Fed Spec Single Treatment Response Overall	Material Document And Classification:	Mil-b-6812 Mil Spec All Material Responses Overall
	Surface Treatment:	Cadmium Overall
Thread Series Designator: Unf	Surface Treatment Document And Classification:	Qq-p-416,ty 1,cl 3 Fed Spec Single Treatment Response 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/AN6-12 and selecting the quantity you want then click "add to cart". Once items are in your cart you can check out https://military-fasteners.com/bolts/machine+bolts/AN6-12 and selecting the quantity you want then click "add to cart". Once items are in your cart you can check out https://military-fasteners.com/bolts/machine+bolts/AN6-12 and selecting the quantity you want then click "add to cart". Once items are in your cart you can check out https://military-fasteners.com/bolts/machine+bolts/AN6-12 and selecting the quantity you want then