

# **P/N AN3-7**

### **Description**

Length: 29/32, grip: 1/2", thread: 10-32, cadmium plated steel, drilled shank

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

## Order this part online

#### **Additional Information**

SKU / Model: AN37

Minimum Qty (MOQ): 25

NSN: 5306-00-144-3648

ECCN: EAR99

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









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

# **P/N AN3-7 Specifications**

Material:  Material Document And Classification:  Overall Or Steel Comp 4037 Overall  Mil-s-5626 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Mil-s-6050 Mil Spec 3  Material Response Overall Or Mil-s-6758 Mil Spec 5th Material Response Overall Or Mil-s-6758 Mil Spec 5th Material Response Overall  Ams 6300 Assn Std 6th Material Response Overall		
Thread Length:  0.375 Inches Minimum And 0.453 Inches Maximum  6.891 Inches Minimum And 0.938 Inches Maximum  6.891 Inches Minimum And 0.938 Inches Maximum  6.891 Inches Minimum And 0.141 Inches Maximum  7.891 Miles Med Head Height:  0.109 Inches Minimum And 0.141 Inches Maximum  8.991 Miles Minimum And 0.141 Inches Maximum  9.070 Inches Minimum And 0.377 Inches Maximum  9.070 Inches Minimum First Hole And 0.080 Inches Maximum First Hole  9.070 Inches Minimum First Hole And 0.080 Inches Maximum First Hole  9.190 Inches  9.190 Inches  9.484 Inches Minimum And 0.516 Inches Maximum  9.484 Inches Maximum Overall Or Maximum Overall  9.484 Inches Maximum Overall Or Maximum Overall  9.584 Inches Minimum First Hole And 0.781 Inches Maximum First Hole  9.484 Inches Minimum First Hole And 0.781 Inches Maximum First Hole  9.484 Inches Minimum First Hole And 0.781 Inches Maximum First Hole  9.484 Inches Minimum First Hole And 0.781 Inches Maximum First Hole  9.484 Inches Minimum First Hole And 0.781 Inches Maximum First Hole  9.484 Inches Minimum First Hole And 0.781 Inches Maximum First Hole  9.484 Inches Minimum First Hole And 0.781 Inches Maximum First Hole  9.484 Inches Minimum First Hole And 0.781 Inches Maximum First Hole  9.484 Inches Minimum First Hole And 0.781 Inches Maximum First Hole  9.484 Inches Minimum First Hole And 0.781 Inches Maximum First Hole  9.484 Inches Minimum First Hole And 0.781 Inches Maximum First Hole  9.494 Inches Maximum First Hole  9.49	Thread Class:	3a
Fastener Length:  Head Style:  Hexagon  Head Height:  0.109 Inches Minimum And 0.141 Inches Maximum  Width Between Flats:  0.365 Inches Minimum And 0.377 Inches Maximum  Shank Unthreaded Hole Dlameter:  Nominal Thread Diameter:  0.190 Inches  Grip Length:  0.484 Inches Minimum And 0.516 Inches Maximum  Features Provided:  Finished Head  Thread Quantity Per Inch:  32  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 Document And  Classification:  Mil-s-5626 Mil Spec 1st Material Response Overall Or Mil-s-6098 Mil Spec 2th Material Response Overall Or Mil-s-6758 Mil Spec 5th Material Response Overall C Maximum Coverall Or Mil-s-6758 Mil Spec 5th Material Response Overall C Maxims G300 Assn Std 6th Material Response Overall C Maxims G300 Assn Std 6th Material Response Overall C Maxims G300 Assn Std 6th Material Response Overall C Mil-s-6098 Mil Spec 4th Material Response Overall Or Mil-s-6758 Mil Spec 5th Material Response Overall C Maximum C Material Response Overall C Mil-s-6758 Mil Spec 5th Material Response Overall C Mil-s-6758 Mil Spec 5th Material Response Overall C Maximum C Mil-s-6758 Mil Spec 5th Material Response Overall C Mil-s-6098 Mil Spec 4th Material Response Overall C Mil-s-6758 Mil Spec 5th Material Response Overall C Maximum C Material Response Overall C Mil-s-6758 Mil Spec 5th Material Response Overall C Maximum C	Thread Direction:	Right-hand
Head Style: Hexagon  Head Height: 0.109 Inches Minimum And 0.141 Inches Maximum  Width Between Flats: 0.365 Inches Minimum And 0.377 Inches Maximum  Shank Unthreaded Hole Diameter: 0.070 Inches Minimum First Hole And 0.080 Inches Maximum First Hole  Nominal Thread Diameter: 0.190 Inches  Grip Length: 0.484 Inches Minimum And 0.516 Inches Maximum  Features Provided: Finished Head  Thread Quantity Per Inch: 32  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: 25.000 Pounds Per Square Inch Hole And 0.781 Inches Maximum First Hole  Center: 35.000 Pounds Per Square Inch Hole And 0.781 Inches Maximum First Hole  Material: 36.000 Pounds Per Square Inch Hole Overall Or Steel Comp 8740 Overall Or Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 410 Overall Or Steel Comp 410 Overall Or Steel Comp 8740 Overall Or Steel Comp 8735 Overall Or Mil-s-6050 Mil Spec 3 Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 5th	Thread Length:	0.375 Inches Minimum And 0.453 Inches Maximum
Head Height:  0.109 Inches Minimum And 0.141 Inches Maximum  Width Between Flats: 0.365 Inches Minimum And 0.377 Inches Maximum  0.070 Inches Minimum First Hole And 0.080 Inches Maximum First Hole  Nominal Thread Diameter: 0.190 Inches  Grip Length: 0.484 Inches Minimum And 0.516 Inches Maximum  Features Provided: Thread Quantity Per Inch: 32  Minimum Tensile Strength: 125000 Pounds Per Square Inch  Hardness Rating: 0.750 Inches Minimum Overall And 32.0 Rockwell C Maximum Overall  Distance From Head Largest Bearing Surface To Shank Hole Center:  Material:  Steel Comp 4140 Overall Or Steel Comp 8740 Overall Or Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 41  Overall Or Steel Comp 4037 Overall  Mil-s-5626 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 5th Material Response Overall Or	Fastener Length:	0.891 Inches Minimum And 0.938 Inches Maximum
Width Between Flats:  0.365 Inches Minimum And 0.377 Inches Maximum  Shank Unthreaded Hole Diameter:  0.070 Inches Minimum First Hole And 0.080 Inches Maximum First Hole  Nominal Thread Diameter:  0.190 Inches  Grip Length:  0.484 Inches Minimum And 0.516 Inches Maximum  Features Provided:  Thread Quantity Per Inch:  32  Minimum Tensile Strength:  125000 Pounds Per Square Inch  Hardness Rating:  0.750 Inches Minimum Overall And 32.0 Rockwell C Maximum Overall  Distance From Head Largest Bearing Surface To Shank Hole Center:  Material:  Steel Comp 4140 Overall Or Steel Comp 8740 Overall Or Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 41  Overall Or Steel Comp 4037 Overall  Mil-s-5626 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 5th Material Response Overall Or Mil-s-6758 Mil Spec	Head Style:	Hexagon
Shank Unthreaded Hole Diameter:  Nominal Thread Diameter:  0.190 Inches  0.484 Inches Minimum And 0.516 Inches Maximum  Features Provided:  Finished Head  Thread Quantity Per Inch:  32  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 4140 Overall Or Steel Comp 8740 Overall Or Steel Comp 8735 Overall Or Steel Comp 410 Overall Or Steel Comp 410 Overall Or Steel Comp 410 Overall Or Mil-s-6050 Mil Spec 3 Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 5th Material Response Overal	Head Height:	0.109 Inches Minimum And 0.141 Inches Maximum
Nominal Thread Diameter:  O.190 Inches  Grip Length:  O.484 Inches Minimum And 0.516 Inches Maximum  Features Provided:  Finished Head  Thread Quantity Per Inch:  32  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 4140 Overall Or Steel Comp 8740 Overall Or Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 410 Overall Or Steel Comp 410 Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 5th Material Response Overall Or Mil-s-6758	Width Between Flats:	0.365 Inches Minimum And 0.377 Inches Maximum
Grip Length:  0.484 Inches Minimum And 0.516 Inches Maximum  Features Provided: Finished Head  Thread Quantity Per Inch: 32 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 4140 Overall Or Steel Comp 8740 Overall Or Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 410 Overall Or Steel Comp 4037 Overall  Material Document And Classification:  Mil-s-5626 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 5th Material Response Overall Or Mil-s-6758 Mil Spec 5	Shank Unthreaded Hole Diameter:	0.070 Inches Minimum First Hole And 0.080 Inches Maximum First Hole
Features Provided: Finished Head  Thread Quantity Per Inch:  Minimum Tensile Strength:	Nominal Thread Diameter:	0.190 Inches
Thread Quantity Per Inch:  Minimum Tensile Strength:  125000 Pounds Per Square Inch  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:  0.750 Inches Minimum First Hole And 0.781 Inches Maximum First Hole  Center:  Material:  Steel Comp 4140 Overall Or Steel Comp 8740 Overall Or Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 41  Overall Or Steel Comp 4037 Overall  Mil-s-5626 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 5th Material Response Overall Or Mil-s-675	Grip Length:	0.484 Inches Minimum And 0.516 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 4140 Overall Or Steel Comp 8740 Overall Or Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 41  Overall Or Steel Comp 4037 Overall  Mil-s-5626 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 5th Material Response Overall Or	Features Provided:	Finished Head
Hardness Rating:  Distance From Head Largest Bearing Surface To Shank Hole Center:  Material:  Material Document And Classification:  26.0 Rockwell C Minimum Overall And 32.0 Rockwell C Maximum Overall  0.750 Inches Minimum First Hole And 0.781 Inches Maximum First Hole  0.750 Inches Minimum First Hole And 0.781 Inches Maximum First Hole  0.750 Inches Minimum First Hole And 0.781 Inches Maximum First Hole  0.750 Inches Minimum First Hole  0.750 Inches Minimum First Hole And 0.781 Inches Maximum First Hole  0.750 Inches Minimum First Hole  0.750 Inches Min	Thread Quantity Per Inch:	32
Distance From Head Largest Bearing Surface To Shank Hole Center:  Material:  Material Document And Classification:  O.750 Inches Minimum First Hole And 0.781 Inches Maximum First Hole O.750 Inches Minimum First Hole And 0.781 Inches Maximum First Hole O.750 Inches Minimum First Hole And 0.781 Inches Maximum First Hole O.750 Inches Minimum First Hole O.750 Inches Minimum First Hole And 0.781 Inches Maximum First Hole O.750 Inches Minimum First	Minimum Tensile Strength:	125000 Pounds Per Square Inch
Bearing Surface To Shank Hole Center:  Material:  Steel Comp 4140 Overall Or Steel Comp 8740 Overall Or Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 41 Overall Or Steel Comp 4037 Overall  Material Document And Classification:  Mil-s-5626 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Mil-s-6050 Mil Spec 3 Material Response Overall Or Mil-s-6098 Mil Spec 4th Material Response Overall Or Mil-s-6758 Mil Spec 5th Material Response Overall Ams 6300 Assn Std 6th Material Response Overall	Hardness Rating:	26.0 Rockwell C Minimum Overall And 32.0 Rockwell C Maximum Overall
Material:  Overall Or Steel Comp 4037 Overall  Mil-s-5626 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Mil-s-6050 Mil Spec 3  Material Response Overall Or Mil-s-6098 Mil Spec 4th Material Response Overall Or Mil-s-6758 Mil Spec 5th Material Response Overall  Ams 6300 Assn Std 6th Material Response Overall	Bearing Surface To Shank Hole	0.750 Inches Minimum First Hole And 0.781 Inches Maximum First Hole
Material Document And Classification:  Material Response Overall Or Mil-s-6758 Mil Spec 5th Material Response Overall  Ams 6300 Assn Std 6th Material Response Overall	Material:	Steel Comp 4140 Overall Or Steel Comp 8740 Overall Or Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 4130 Overall Or Steel Comp 4037 Overall
		Mil-s-5626 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Mil-s-6050 Mil Spec 3rd Material Response Overall Or Mil-s-6098 Mil Spec 4th Material Response Overall Or Mil-s-6758 Mil Spec 5th Material Response Overall Or Ams 6300 Assn Std 6th Material Response Overall
Surface Treatment: Cadmium Overall And Chromate 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		Qq-p-416,ty 2,cl 3 Fed Spec All Treatment Responses Overall
Thread Series Designator: Unf	Thread Series Designator:	Unf

# **How to Order**

Order this machine bolt from our inventory online by visiting <a href="https://military-fasteners.com/bolts/machine+bolts/AN3-7">https://military-fasteners.com/bolts/machine+bolts/AN3-7</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/AN3-7">https://military-fasteners.com/bolts/machine+bolts/AN3-7</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/AN3-7">https://military-fasteners.com/bolts/machine+bolts/AN3-7</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/AN3-7">https://military-fasteners.com/bolts/machine+bolts/AN3-7</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/AN3-7">https://military-fasteners.com/bolts/machine+bolts/AN3-7</a> and selecting the quantity you want then click "add to cart".