

## P/N NAS6204-12D

### **Description**

length: 1.12", grip: 0.75", thread: 1/4-28, hex head, drilled shank, tension, short thread, cadmium plated alloy steel, NAS6204 series bolt

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

## Order this part online

#### **Additional Information**

SKU / Model: NAS620412D

Minimum Qty (MOQ): 20

NSN: 5306-01-077-3081

ECCN: EAR99

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







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

# P/N NAS6204-12D Specifications

Thread Direction: Right-hand Thread Length: 0.345 Inches Minimum And 0.395 Inches Maximum Fastner Length: 1.105 Inches Minimum And 1.135 Inches Maximum Head Style: Dished Hexagon Width Between Flats: 0.429 Inches Minimum And 0.140 Inches Maximum Width Between Flats: 0.429 Inches Minimum And 0.439 Inches Maximum Width Between Flats: 0.429 Inches Minimum And 0.439 Inches Maximum Grip Diameter: 0.2485 Inches Minimum And 0.2495 Inches Maximum Shank Unthreaded Hole Diameter: 0.076 Inches Minimum First Hole And 0.086 Inches Maximum First Hole Nominal Thread Diameter: 0.250 Inches Grip Length: 0.740 Inches Minimum And 0.760 Inches Maximum Thread Quantity Per Inch: 28 Minimum Tensile Strength: 160000 Pounds Per Square Inch Hardness Rating: 36.0 Rockwell C Minimum Overall And 40.0 Rockwell C Maximum Overall Distance From Head Largest Bearing Surface To Shank Hole Center: 32.0 Microinches Bearing Surface Of Head Surface Finish: 32.0 Microinches Bearing Surface Of Head Surface Finish: 32.0 Microinches Threads Material: 5teel Comp E4340 Overall Or Steel Comp 8740 Overall Material Document And Classification: Mils-5000 Mil Spec 1st Material Response Overall Or Ams 6322 Assn Std 2nd Material Response Overall Surface Treatment: Cadmium Overall And Chromate Overall Surface Treatment Bocument And Classification: Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Thread Class:	3a
Fastener Length:  Head Style: Dished Hexagon  Head Height: 0.125 Inches Minimum And 0.140 Inches Maximum  Width Between Flats: 0.429 Inches Minimum And 0.439 Inches Maximum  O.2485 Inches Minimum And 0.439 Inches Maximum  Grip Diameter: 0.2485 Inches Minimum And 0.2495 Inches Maximum  O.2485 Inches Minimum And 0.2495 Inches Maximum  O.2485 Inches Minimum And 0.2495 Inches Maximum  First Hole And 0.086 Inches Maximum First Hole  Nominal Thread Diameter: 0.250 Inches  Grip Length: 0.740 Inches Minimum And 0.760 Inches Maximum  Thread Quantity Per Inch: 28  Minimum Tensile Strength: 160000 Pounds Per Square Inch  Bardense Rating: 0.925 Inches Minimum Overall And 40.0 Rockwell C Maximum Overall  Distance From Head Largest Bearing Surface To Shank Hole Center: 32.0 Microinches Bearing Surface Of Head  Surface Finish: 32.0 Microinches Threads  Material: 32.0 Microinches Threads  Material: 32.0 Microinches Threads  Mill-s-5000 Mill Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Mins Surface Treatment: Cadmium Overall And Chromate Overall  Surface Treatment Document And Classification: Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Thread Direction:	Right-hand
Head Style:  Head Height:  0.125 Inches Minimum And 0.140 Inches Maximum  Width Between Flats: 0.429 Inches Minimum And 0.439 Inches Maximum  Grip Diameter: 0.2485 Inches Minimum And 0.2495 Inches Maximum  Shank Unthreaded Hole Diameter: 0.076 Inches Minimum First Hole And 0.086 Inches Maximum First Hole  Nominal Thread Diameter: 0.250 Inches  Grip Length: 0.740 Inches Minimum And 0.760 Inches Maximum  Thread Quantity Per Inch: 28  Minimum Tensile Strength: 160000 Pounds Per Square Inch  Hardness Rating: 36.0 Rockwell C Minimum Overall And 40.0 Rockwell C Maximum Overall  Distance From Head Largest Bearing Surface To Shank Hole Center: 32.0 Microinches Bearing Surface Of Head  Surface Finish: 32.0 Microinches Threads Material: Steel Comp E4340 Overall Or Steel Comp 8740 Overall  Material Document And Classification:  Mill-s-5000 Mil Spec 1st Material Response Overall Or Mill-s-6049 Mil Spec 2nd Material Response Overall Or Ams 6322 Assn Std 2nd Material Response Overall  Surface Treatment Document And Classification: Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Thread Length:	0.345 Inches Minimum And 0.395 Inches Maximum
Head Height:  0.125 Inches Minimum And 0.140 Inches Maximum  0.429 Inches Minimum And 0.439 Inches Maximum  0.2485 Inches Minimum And 0.2495 Inches Maximum  Shank Unthreaded Hole Diameter: 0.076 Inches Minimum First Hole And 0.086 Inches Maximum First Hole  Nominal Thread Diameter: 0.250 Inches  Grip Length: 0.740 Inches Minimum And 0.760 Inches Maximum  Thread Quantity Per Inch: 28  Minimum Tensile Strength: 160000 Pounds Per Square Inch  Hardness Rating: 0.925 Inches Minimum Overall And 40.0 Rockwell C Maximum Overall  Distance From Head Largest Bearing Surface To Shank Hole Center: 30.0 Microinches Bearing Surface Of Head  Surface Finish: 30.0 Microinches Bearing Surface Of Head  30.0 Microinches Threads  Material:  Material Document And Classification:  Mil-s-5000 Mil Spec 1st Material Response Overall Overall And Chromate Overall Surface Treatment: Cadmium Overall And Chromate Overall Surface Treatment Document And Classification: Q-p-916 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Fastener Length:	1.105 Inches Minimum And 1.135 Inches Maximum
Width Between Flats:  0.429 Inches Minimum And 0.439 Inches Maximum  0.2485 Inches Minimum And 0.2495 Inches Maximum  0.076 Inches Minimum First Hole And 0.086 Inches Maximum First Hole  Nominal Thread Diameter:  0.250 Inches  Grip Length:  0.740 Inches Minimum And 0.760 Inches Maximum  Thread Quantity Per Inch:  28  Minimum Tensile Strength:  160000 Pounds Per Square Inch  Hardness Rating:  36.0 Rockwell C Minimum Overall And 40.0 Rockwell C Maximum Overall  Distance From Head Largest Bearing Surface To Shank Hole Center:  Surface Finish:  32.0 Microinches Bearing Surface Of Head  Surface Finish:  32.0 Microinches Threads  Material:  Material Document And Classification:  Mil-s-5000 Mil Spec 1st Material Response Overall  Surface Treatment:  Cadmium Overall And Chromate Overall  Surface Treatment Document And Classification:  Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Head Style:	Dished Hexagon
Grip Diameter:  0.2485 Inches Minimum And 0.2495 Inches Maximum Shank Unthreaded Hole Diameter: 0.076 Inches Minimum First Hole And 0.086 Inches Maximum First Hole Nominal Thread Diameter: 0.250 Inches Grip Length: 0.740 Inches Minimum And 0.760 Inches Maximum Thread Quantity Per Inch: 28 Minimum Tensile Strength: 160000 Pounds Per Square Inch Hardness Rating: 36.0 Rockwell C Minimum Overall And 40.0 Rockwell C Maximum Overall Distance From Head Largest Bearing Surface To Shank Hole Center: 32.0 Microinches Bearing Surface Of Head Surface Finish: 32.0 Microinches Bearing Surface Of Head Surface Finish: 32.0 Microinches Threads Material: Material Document And Classification: Mil-s-5000 Mil Spec 1st Material Response Overall Or Ams 6322 Assn Std 2nd Material Response Overall Surface Treatment: Cadmium Overall And Chromate Overall Surface Treatment Document And Classification: Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Head Height:	0.125 Inches Minimum And 0.140 Inches Maximum
Shank Unthreaded Hole Diameter:  Nominal Thread Diameter:  0.250 Inches  0.740 Inches Minimum And 0.760 Inches Maximum  Thread Quantity Per Inch:  28  Minimum Tensile Strength:  160000 Pounds Per Square Inch  Hardness Rating:  36.0 Rockwell C Minimum Overall And 40.0 Rockwell C Maximum Overall  Distance From Head Largest Bearing Surface To Shank Hole Center:  Surface Finish:  32.0 Microinches Bearing Surface Of Head  Surface Finish:  32.0 Microinches Bearing Surface Of Head  Surface Finish:  Steel Comp E4340 Overall Or Steel Comp 8740 Overall  Material Document And Classification:  Mil-s-5000 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall  Surface Treatment:  Cadmium Overall And Chromate Overall  Surface Treatment Document And Classification:  Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Width Between Flats:	0.429 Inches Minimum And 0.439 Inches Maximum
Nominal Thread Diameter:  Grip Length:  0.740 Inches Minimum And 0.760 Inches Maximum  Thread Quantity Per Inch:  28  Minimum Tensile Strength:  160000 Pounds Per Square Inch  36.0 Rockwell C Minimum Overall And 40.0 Rockwell C Maximum Overall  Distance From Head Largest Bearing Surface To Shank Hole Center:  Surface Finish:  32.0 Microinches Bearing Surface Of Head  Surface Finish:  32.0 Microinches Threads  Material:  Material Document And Classification:  Mil-s-5000 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Ams 6322 Assn Std 2nd Material Response Overall  Surface Treatment:  Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Grip Diameter:	0.2485 Inches Minimum And 0.2495 Inches Maximum
Grip Length:  O.740 Inches Minimum And 0.760 Inches Maximum  Thread Quantity Per Inch:  28  Minimum Tensile Strength:  160000 Pounds Per Square Inch  36.0 Rockwell C Minimum Overall And 40.0 Rockwell C Maximum Overall  Distance From Head Largest Bearing Surface To Shank Hole Center:  Surface Finish:  32.0 Microinches Bearing Surface Of Head  Surface Finish:  32.0 Microinches Threads  Material:  Steel Comp E4340 Overall Or Steel Comp 8740 Overall  Material Document And Classification:  Mil-s-5000 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Ams 6322 Assn Std 2nd Material Response Overall  Surface Treatment:  Cadmium Overall And Chromate Overall  Surface Treatment Document And Classification:  Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Shank Unthreaded Hole Diameter:	0.076 Inches Minimum First Hole And 0.086 Inches Maximum First Hole
Thread Quantity Per Inch:  Minimum Tensile Strength:  160000 Pounds Per Square Inch  36.0 Rockwell C Minimum Overall And 40.0 Rockwell C Maximum Overall  Distance From Head Largest Bearing Surface To Shank Hole Center:  Surface Finish:  32.0 Microinches Bearing Surface Of Head  32.0 Microinches Threads  Material:  Steel Comp E4340 Overall Or Steel Comp 8740 Overall  Mil-s-5000 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Ams 6322 Assn Std 2nd Material Response Overall  Surface Treatment:  Cadmium Overall And Chromate Overall  Surface Treatment Document And Classification:  Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Nominal Thread Diameter:	0.250 Inches
Minimum Tensile Strength: Hardness Rating: 36.0 Rockwell C Minimum Overall And 40.0 Rockwell C Maximum Overall  Distance From Head Largest Bearing Surface To Shank Hole Center:  Surface Finish: 32.0 Microinches Bearing Surface Of Head  Surface Finish: 32.0 Microinches Threads  Material: Steel Comp E4340 Overall Or Steel Comp 8740 Overall  Mil-s-5000 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Ams 6322 Assn Std 2nd Material Response Overall  Surface Treatment: Cadmium Overall And Chromate Overall  Surface Treatment Document And Classification: Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Grip Length:	0.740 Inches Minimum And 0.760 Inches Maximum
Hardness Rating:  Distance From Head Largest Bearing Surface To Shank Hole Center:  Surface Finish:  Surface Finish:  32.0 Microinches Bearing Surface Of Head  Surface Finish:  32.0 Microinches Threads  Material:  Steel Comp E4340 Overall Or Steel Comp 8740 Overall  Mil-s-5000 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Ams 6322 Assn Std 2nd Material Response Overall  Surface Treatment:  Cadmium Overall And Chromate Overall  Surface Treatment Document And Classification:  Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Thread Quantity Per Inch:	28
Distance From Head Largest Bearing Surface To Shank Hole Center:  Surface Finish:  Surface Finish:  32.0 Microinches Bearing Surface Of Head  32.0 Microinches Threads  Surface Finish:  Steel Comp E4340 Overall Or Steel Comp 8740 Overall  Material Document And Classification:  Mil-s-5000 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Ams 6322 Assn Std 2nd Material Response Overall  Surface Treatment:  Cadmium Overall And Chromate Overall  Surface Treatment Document And Classification:  Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Minimum Tensile Strength:	160000 Pounds Per Square Inch
Hole Center:  Surface Finish:  32.0 Microinches Bearing Surface Of Head  Surface Finish:  32.0 Microinches Threads  Material:  Steel Comp E4340 Overall Or Steel Comp 8740 Overall  Mil-s-5000 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Ams 6322 Assn Std 2nd Material Response Overall  Surface Treatment:  Cadmium Overall And Chromate Overall  Surface Treatment Document And Classification:  Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Hardness Rating:	36.0 Rockwell C Minimum Overall And 40.0 Rockwell C Maximum Overall
Surface Finish:  Material:  Material Document And Classification:  Surface Treatment:  Cadmium Overall And Chromate Overall  Surface Treatment Document And Classification:  Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Distance From Head Largest Bearing Surface To Shank Hole Center:	0.925 Inches Minimum First Hole And 0.975 Inches Maximum First Hole
Material:  Material Document And Classification:  Steel Comp E4340 Overall Or Steel Comp 8740 Overall  Mil-s-5000 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Ams 6322 Assn Std 2nd Material Response Overall  Surface Treatment:  Cadmium Overall And Chromate Overall  Surface Treatment Document And Classification:  Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Surface Finish:	32.0 Microinches Bearing Surface Of Head
Material Document And Classification:  Mil-s-5000 Mil Spec 1st Material Response Overall Or Mil-s-6049 Mil Spec 2nd Material Response Overall Or Ams 6322 Assn Std 2nd Material Response Overall  Surface Treatment:  Cadmium Overall And Chromate Overall  Surface Treatment Document And Classification:  Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Surface Finish:	32.0 Microinches Threads
Ams 6322 Assn Std 2nd Material Response Overall  Surface Treatment Document And Classification:  Ams 6322 Assn Std 2nd Material Response Overall  Cadmium Overall And Chromate Overall  Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Material:	Steel Comp E4340 Overall Or Steel Comp 8740 Overall
Surface Treatment Document And Classification: Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall	Material Document And Classification:	
	Surface Treatment:	Cadmium Overall And Chromate Overall
Thread Series Designator: Unjf	Surface Treatment Document And Classification:	Qq-p-416 Ty 2 Cl 2 Fed Spec Single Treatment Response Overall
	Thread Series Designator:	Unjf
Specification/standard Data: 80205-nas6204 Professional/industrial Association Standard	Specification/standard Data:	80205-nas6204 Professional/industrial Association Standard

## **How to Order**

Order this shear bolt from our inventory online by visiting <a href="https://military-fasteners.com/bolts/shear+bolts/NAS6204-12D">https://military-fasteners.com/bolts/shear+bolts/NAS6204-12D</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/shear+bolts/NAS6204-12D">https://military-fasteners.com/bolts/shear+bolts/NAS6204-12D</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/shear+bolts/NAS6204-12D">https://military-fasteners.com/bolts/shear+bolts/NAS6204-12D</a> and selecting the quantity you want then