

# P/N NAS1297-4D13

### **Description**

Fastener Length: 1-19/64", Thread: 1/4-28, Thread Length: 7/16", NAS1297 series bolt

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

## Order this part online

#### **Additional Information**

SKU / Model: NAS12974D13

Minimum Qty (MOQ):

NSN: 5306-01-482-2241

Schedule B: 7318.15.8085

ECCN: EAR99







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

# P/N NAS1297-4D13 Specifications

Thread Direction: Right-hand  Thread Length: 0.453 Inches Nominal  Fastener Length: 1.265 Inches Minimum And 1.305 Inches Maximum  Head Style: Hexagon  Head Height: 0.172 Inches Minimum And 0.204 Inches Maximum  Width Between Flats: 0.490 Inches Minimum And 0.502 Inches Maximum  Shoulder Diameter: 0.309 Inches Minimum First Shoulder And 0.312 Inches Maximum First Shoulder  Shank Unthreaded Hole Diameter: 0.822 Inches Nominal First Hole  Nominal Thread Diameter: 0.250 Inches  Thread Quantity Per Inch: 28  Distance From Head Largest Bearing Surface To Shank Hole Center: Shoulder  Material: Seel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 4130 Overall Or Steel Comp 4037 Overall Or Steel Comp 4140 Overall  Mill-s-6050 Mill Spec 1st Material Response Overall Or Mill-s-6098 Mil Spec 2nd Material Response Overall Or Mill-s-6758 Mil Spec 3rd Material Response Overall Or Mill-s-6698 Mil Spec 5th Material Response Overall Or Mill-s-6566 Mil Spec 5th Material Response Overall Or Mill-s-6568 Mill Spec 5th Material Response Overall Or Mill-s-656		
Thread Length:  Fastener Length:  1.265 Inches Minimum And 1.305 Inches Maximum  Head Style:  Hexagon  Head Height:  0.172 Inches Minimum And 0.204 Inches Maximum  Wildth Between Flats:  0.490 Inches Minimum And 0.502 Inches Maximum  Wildth Between Flats:  0.490 Inches Minimum And 0.502 Inches Maximum  Shoulder Diameter:  0.309 Inches Minimum And 0.502 Inches Maximum  Shoulder Diameter:  0.309 Inches Minimum First Shoulder And 0.312 Inches Maximum First Shoulder  Shank Unthreaded Hole Diameter:  0.076 Inches Nominal First Hole  Nominal Thread Quantity Per Inch:  28  Distance From Head Largest Bearing Surface To Shank Hole Center:  Shoulder Shape:  Material:  8000 First Shoulder  Material:  8000 First Shoulder  Material:  8000 First Shoulder  Mill-s-6050 Mill Spec 1st Material Response Overall Or Mill-s-6098 Mill Spec 2nd Material Response Overall Or Mill-s-6758 Mill Spec 3rd Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mill-s-5626 Mil Spec 5th Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mill-s-5626 Mill Spec 5th Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mill-s-5626 Mill Spec 5th Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mill-s-5626 Mill Spec 5th Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mill-s-5626 Mill Spec 5th Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mill-s-5626 Mill Spec 5th Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mill-s-5626 Mill Spec 5th Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mill-s-6526 Mill Spec 5th Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mill-s-6526 Mill Spec 5th Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mill-s-6526 Mill Spec 5th Material Response Overall Or Mill-s-6526 Mill Spec 5th Material Response Overall Or Mill-s-6526 Mil	Thread Class:	3a
Fastener Length:         1.265 Inches Minimum And 1.305 Inches Maximum           Head Style:         Hexagon           Head Height:         0.172 Inches Minimum And 0.502 Inches Maximum           Width Between Flats:         0.490 Inches Minimum And 0.502 Inches Maximum           Shoulder Diameter:         0.309 Inches Minimum First Shoulder And 0.312 Inches Maximum First Shoulder           Shoulder Length:         0.822 Inches Nominal First Shoulder           Shank Unthreaded Hole Diameter:         0.625 Inches Nominal First Hole           Nominal Thread Diameter:         0.250 Inches           Nominal Thread Diameter:         0.250 Inches           Nominal Thread Diameter:         0.97 Inches Nominal First Hole           Strace To Shank Hole Center:         8           Shoulder Shape:         Round First Shoulder           Material:         Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 4130 Overall Or Steel Comp 4037 Overall Or Steel Comp 4140 Overall Or Mil-s-6030 Mil Spec 3rd Material Response Overall Or Mil-s-6030 Mil Spec 2nd Material Response Overall Or Mil-s-6036 Mil Spec 3rd Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mil-s-5626 Mil Spec 5th Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mil-s-5626 Mil Spec 5th Material Response Overall Or Mil-s-5626 Mil Spec 3rd Material Response Overall Or Mil-s-5626 Mil Spec 3rd M	Thread Direction:	Right-hand
Head Style: Hexagon  Head Height: 0.172 Inches Minimum And 0.204 Inches Maximum  Width Between Flats: 0.490 Inches Minimum And 0.502 Inches Maximum  Shoulder Diameter: 0.309 Inches Minimum First Shoulder And 0.312 Inches Maximum First Shoulder  Shoulder Length: 0.822 Inches Nominal First Shoulder  Shank Unthreaded Hole Diameter: 0.076 Inches Nominal First Hole  Nominal Thread Diameter: 0.250 Inches  Thread Quantity Per Inch: 28  Distance From Head Largest Bearing Surface To Shank Hole Center: Shoulder  Shoulder Shape: Round First Shoulder  Material: Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 4130 Overall Or Steel Comp 4037 Overall Or Verall Overall  Mil-s-6050 Mil Spec 1st Material Response Overall Or Mil-s-6098 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 3rd Material Response Overall Or Mil-s-6098 Mil Spec 2nd Material Response Overall Or Mil-s-658 Mil Spec 3rd Material Response Overall Or Mil-s-6566 Mil Spec 5th Material Response Overall Or Mil-s-6098 Mil Spec 2nd Material Response Overall Or Mil-s-658 Mil Spec 3rd Material Response Overall Or Mil-s-6566 Mil Spec 5th Material Response O	Thread Length:	0.453 Inches Nominal
Head Height: 0.172 Inches Minimum And 0.204 Inches Maximum  Width Between Flats: 0.490 Inches Minimum And 0.502 Inches Maximum  Shoulder Diameter: 0.309 Inches Minimum First Shoulder And 0.312 Inches Maximum First Shoulder  Shoulder Length: 0.822 Inches Nominal First Shoulder  Shank Unthreaded Hole Diameter: 0.076 Inches Nominal First Hole  Nominal Thread Diameter: 0.250 Inches  Thread Quantity Per Inch: 28  Thread Quantity Per Inch: 28  Inches Nominal First Hole  Shoulder Shape: Round First Shoulder  Shoulder Shape: Round First Shoulder  Material: Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 4130 Overall Or Steel Comp 4037 Overall Or Overall  Mill-s-6050 Mill Spec 1st Material Response Overall Or Mil-s-6098 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 3rd Material Response Overall Or Ams 6300 Assn 5td 4th Material Response Overall Or Mil-s-5626 Mill Spec 5th Material Response  Overall  Surface Treatment: Cadmium Overall  Surface Treatment Document And Classification: Q-p-416, Ty li, Cl 1 Fed Spec Single Treatment Response Overall	Fastener Length:	1.265 Inches Minimum And 1.305 Inches Maximum
Width Between Flats:  0.490 Inches Minimum And 0.502 Inches Maximum  Shoulder Diameter:  0.309 Inches Minimum First Shoulder And 0.312 Inches Maximum First Shoulder  Shoulder Length:  0.822 Inches Nominal First Shoulder  0.076 Inches Nominal First Hole  Nominal Thread Diameter:  0.250 Inches  28  Distance From Head Largest Bearing Surface To Shank Hole Center:  Shoulder Shape:  Material:  Material:  Mil-s-6050 Mil Spec 1st Material Response Overall Or Mil-s-6098 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 3rd Material Response Overall Or Mil-s-6098 Mil Spec 2nd Material Response Overall Or Mil-s-6526 Mil Spec 5th Material Response Overall Or Mil-s-6098 Mil Spec Overall Or Mil-s-6526 Mil Spec 5th Material Response Overall Or Mil-s-6098 Mil Spec Overall Or Mil-s-6526 Mil Spec 5th Material Response Ov	Head Style:	Hexagon
Shoulder Diameter: Shoulder Length: Shoulder Length: Shank Unthreaded Hole Diameter: O.76 Inches Nominal First Shoulder Nominal Thread Diameter: O.250 Inches  1.097 Inches Nominal First Hole O.97 Inches Nominal First Hole O.97 Inches Nominal First Hole O.98 Inches O.97 Inches Nominal First Hole O.98 Inches O.99 Inches O.99 Inches O.99 Inches Nominal First Hole O.99 Inch	Head Height:	0.172 Inches Minimum And 0.204 Inches Maximum
Shoulder Length: Shank Unthreaded Hole Diameter: 0.076 Inches Nominal First Hole Nominal Thread Diameter: 0.250 Inches Thread Quantity Per Inch: 28 Distance From Head Largest Bearing Surface To Shank Hole Center: Shoulder Shape: Round First Shoulder Material: Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 4130 Overall Or Steel Comp 4037 Overall Or Steel Comp 4140 Overall Mil-s-6050 Mil Spec 1st Material Response Overall Or Mil-s-6098 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 3rd Material Pocument And Classification: Mil-s-6050 Mil Spec 1st Material Response Overall Or Mil-s-6098 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 3rd Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mil-s-5626 Mil Spec 5th Material Response Overall Surface Treatment Document And Classification: Qq-p-416, Ty li, Cl 1 Fed Spec Single Treatment Response Overall	Width Between Flats:	0.490 Inches Minimum And 0.502 Inches Maximum
Shank Unthreaded Hole Diameter: 0.076 Inches Nominal First Hole  Nominal Thread Diameter: 0.250 Inches  Thread Quantity Per Inch: 28  Distance From Head Largest Bearing Surface To Shank Hole Center: Shoulder Shape: Round First Shoulder  Material: Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 4130 Overall Or Steel Comp 4037 Overall Or Steel Comp 4140 Overall Or Steel Comp 4037 Overall Or Steel Comp 4140 Overall Or Steel Comp 4037 Overall Or Steel Comp 4140 Overall Or Steel Comp 4037 Overall Or Mil-s-6050 Mil Spec 1st Material Response Overall Or Mil-s-6098 Mil Spec 2nd Material Response Overall Or Mil-s-6056 Mil Spec 3nd Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mil-s-5626 Mil Spec 5th Material Response Overall Or Mil-s-6050 Mil Spec 3nd Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mil-s-5626 Mil Spec 5th Material Response Overall Or Mil-s-6050 Mil Spec 5th Material Response Overall	Shoulder Diameter:	0.309 Inches Minimum First Shoulder And 0.312 Inches Maximum First Shoulder
Nominal Thread Diameter: 0.250 Inches Thread Quantity Per Inch: 28 Distance From Head Largest Bearing Surface To Shank Hole Center: Shoulder Shape: Round First Shoulder  Material: Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 4130 Overall Or Steel Comp 4037 Overall Or Steel Comp 4140 Overall  Mil-s-6050 Mil Spec 1st Material Response Overall Or Mil-s-6098 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 3rd Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mil-s-5626 Mil Spec 5th Material Response Overall Or Mil-s-6758 Mil Spec 5th Material Response Overall Or Mil-s-5626 Mil Spec 5th Material Response Overall Or Mil-s-6098 Mil Spec 2nd Material Respon	Shoulder Length:	0.822 Inches Nominal First Shoulder
Thread Quantity Per Inch:28Distance From Head Largest Bearing Surface To Shank Hole Center:1.097 Inches Nominal First HoleShoulder Shape:Round First ShoulderMaterial:Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 4130 Overall Or Steel Comp 4037 Overall Or Steel Comp 4140 OverallMaterial Document And Classification:Mil-s-6050 Mil Spec 1st Material Response Overall Or Mil-s-6098 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 3rd Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mil-s-5626 Mil Spec 5th Material Response Overall Or Mil-s-6098 Mil Spec 2nd Material Response Ov	Shank Unthreaded Hole Diameter:	0.076 Inches Nominal First Hole
Distance From Head Largest Bearing Surface To Shank Hole Center:  Shoulder Shape:  Round First Shoulder  Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 4130 Overall Or Steel Comp 4037 Overall Or Steel Comp 4140 Overall  Mil-s-6050 Mil Spec 1st Material Response Overall Or Mil-s-6098 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 3rd Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mil-s-5626 Mil Spec 5th Material Response Overall  Surface Treatment:  Cadmium Overall  Qq-p-416, Ty li, Cl 1 Fed Spec Single Treatment Response Overall	Nominal Thread Diameter:	0.250 Inches
Surface To Shank Hole Center:  Shoulder Shape:  Round First Shoulder  Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 4130 Overall Or Steel Comp 4037 Overall Or Steel Comp 4140 Overall  Material:  Mil-s-6050 Mil Spec 1st Material Response Overall Or Mil-s-6098 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 3rd Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mil-s-5626 Mil Spec 5th Material Response Overall  Surface Treatment:  Cadmium Overall  Qq-p-416, Ty li, Cl 1 Fed Spec Single Treatment Response Overall	Thread Quantity Per Inch:	28
Steel Comp 8630 Overall Or Steel Comp 8735 Overall Or Steel Comp 4130 Overall Or Steel Comp 4037 Overall Or Steel Comp 4140 Overall  Mil-s-6050 Mil Spec 1st Material Response Overall Or Mil-s-6098 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 3rd Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mil-s-5626 Mil Spec 5th Material Response Overall  Surface Treatment Document And Classification:  Qq-p-416, Ty li, Cl 1 Fed Spec Single Treatment Response Overall	Distance From Head Largest Bearing Surface To Shank Hole Center:	1.097 Inches Nominal First Hole
Material:  Mil-s-6050 Mil Spec 1st Material Response Overall Or Mil-s-6098 Mil Spec 2nd Material Response Overall Or Mil-s-6758 Mil Spec 3rd Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mil-s-5626 Mil Spec 5th Material Response Overall  Surface Treatment:  Cadmium Overall  Qq-p-416, Ty li, Cl 1 Fed Spec Single Treatment Response Overall	Shoulder Shape:	Round First Shoulder
Material Document And Classification:  Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mil-s-5626 Mil Spec 5th Material Response Overall  Surface Treatment Document And Classification:  Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mil-s-5626 Mil Spec 5th Mil Spec 5th Mil Spec 5th Mi	Material:	
Surface Treatment Document And Classification:  Qq-p-416, Ty li, Cl 1 Fed Spec Single Treatment Response Overall	Material Document And Classification:	Material Response Overall Or Ams 6300 Assn Std 4th Material Response Overall Or Mil-s-5626 Mil Spec 5th Material Response
Classification:  Qq-p-416, Ty li, Cl 1 Fed Spec Single Treatment Response Overall	Surface Treatment:	Cadmium Overall
Thread Series Designator: Unjf	Surface Treatment Document And Classification:	Qq-p-416, Ty Ii, Cl 1 Fed Spec Single Treatment Response Overall
	Thread Series Designator:	Unjf

## **How to Order**

Order this shoulder bolt from our inventory online by visiting <a href="https://military-fasteners.com/bolts/shoulder+bolts/NAS1297-4D13">https://military-fasteners.com/bolts/shoulder+bolts/NAS1297-4D13</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/shoulder+bolts/NAS1297-4D13">https://military-fasteners.com/bolts/shoulder+bolts/NAS1297-4D13</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/shoulder+bolts/NAS1297-4D13">https://military-fasteners.com/bolts/shoulder+bolts/NAS1297-4D13</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/shoulder-bolts/NAS1297-4D13">https://military-fasteners.com/bolts/shoulder-bolts/NAS1297-4D13</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/shoulder-bolts/nas-bolts/nas-bolts/shoulder-bolts/shoulder-bolts/shou