

## P/N AN816-16-12D

## **Description**

tube outer diameter: 3/4" pipe diameter: 3/4", thread: 1-1/16-12, flared tube aluminum

\* Manufacturer certifications are shipped with your order <u>FREE</u> of charge

## Order this part online

#### **Additional Information**

| SKU / Model:            | AN8161612D                     |
|-------------------------|--------------------------------|
| Minimum Qty (MOQ):      | 1                              |
| NSN:                    | 4730-00-186-9495               |
| ECCN:                   | EAR99                          |
| National Motor Freight: | 051400, Pipe Fittings Aluminum |



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

# P/N AN816-16-12D Specifications

| Thread Class:         3a 2nd End           Maximum Operating Temp:         65.0 Deg Fahrenheit 2nd Response           Maximum Operating Temp:         25.0 Deg Fahrenheit 1st Response           End Item Identification:         Aircraft Application           Connection Style:         Flaired W/ Gasket Seal (boss) 2nd End           Connection Style:         Plair (pipe) 1st End           Connection Type:         Threaded External Bioss 2nd End           Connection Type:         Threaded External Pipe 1st End           Thread Quantity Per Inch:         12 2nd End           Maximum Operating Pressure:         1500.0 Pounds Per Square Inch Single Response           Nominal Thread Size:         1.312 Inches 2nd End           Nominal Operall Length:         0.750 Inches 1st End           Material:         Aluminum Alloy 2014 Overall Or Aluminum Alloy 2024 Overall           Material Document And Classification:         Qea-225/4,16 Fed Spec Single Material Response Overall Or Qe-a225/6,16 Fed Spec Spec Spec Special Spe  |   |   |
|--|---|---|
| Maximum Operating Temp:         225.0 Deg Fahrenheit 1st Response           End Item Identification:         Aircraft Application           Connection Style:         Flared W/ Gasket Seal (boss) 2nd End           Connection Style:         Plain (pipe) 1st End           Connection Type:         Threaded External Boss 2nd End           Connection Type:         Threaded External Pipe 1st End           Thread Quantity Per Inch:         12 2nd End           Maximum Operating Pressure:         1500.0 Pounds Per Square Inch Single Response           Nominal Thread Size:         0.750 Inches 2nd End           Nominal Overall Length:         2.031 Inches           Material:         Aluminum Alloy 2014 Overall Or Aluminum Alloy 2024 Overall           Material Document And Classification:         Qq-a-225/4,t6 Fed Spec Single Material Response Overall Or Qq-a-225/6,t6 Fed Spec Single Spec Single Spec Single Spec Single Spec Spec Spec Spec Spec Spec Spec Spe   | Thread Class:   | 3a 2nd End  |
| End Item Identification:Aircraft ApplicationConnection Style:Flared W/ Gasket Seal (boss) 2nd EndConnection Style:Plain (pipe) 1st EndConnection Type:Threaded External Boss 2nd EndConnection Type:Threaded External Pipe 1st EndThread Quantity Per Inch:12 2nd EndMaximum Operating Pressure:1500.0 Pounds Per Square Inch Single ResponseNominal Thread Size:1.312 Inches 2nd EndNominal Thread Size:0.750 Inches 1st EndNominal Overall Length:2.031 InchesMaterial:Aluminum Alloy 2014 Overall Or Aluminum Alloy 2024 OverallMaterial Document And Classification:Qq-a-225/4,16 Fed Spec Single Material Response Overall Or Qq-a225/6,16 Fed Spec Single Material Response OverallMedia For Which Designed:Hydraulic Fluid 2nd ResponseMedia For Which Designed:Hydraulic Fluid 2nd ResponseMedia For Which Designed:Oxygen, Gaseous 1st ResponseSurface Treatment:Anodize OverallSurface Treatment Document And Classification:Mil-a-8625,ty 2,cl 2 Mil Spec Single Treatment Response OverallThread Series Designator:Anpt 1st EndThread Series Designator:Unj 2nd End  | Maximum Operating Temp:                               | -65.0 Deg Fahrenheit 2nd Response   |
| Connection Style: Flared W/ Gasket Seal (boss) 2nd End  Connection Style: Plain (pipe) 1st End  Connection Type: Threaded External Boss 2nd End  Connection Type: Threaded External Pipe 1st End  Thread Quantity Per Inch: 12 2nd End  Maximum Operating Pressure: 1500.0 Pounds Per Square Inch Single Response  Nominal Thread Size: 1,312 Inches 2nd End  Nominal Thread Size: 0,750 Inches 1st End  Nominal Overall Length: 2,031 Inches  Material: Aluminum Alloy 2014 Overall Or Aluminum Alloy 2024 Overall  Material Document And Classification: Qq-a-225/4,t6 Fed Spec Single Material Response Overall Or Qq-a225/6,t6 Fed Spec Single Material Response  Media For Which Designed: Alydraulic Fluid 2nd Response  Media For Which Designed: Oxygen, Gaseous 1st Response  Media For Which Designed: Anodize Overall  Surface Treatment: Anodize Overall  Thread Series Designator: Anpt 1st End  Thread Series Designator: Unj 2nd End  | Maximum Operating Temp:                               | 225.0 Deg Fahrenheit 1st Response   |
| Connection Style: Plain (pipe) 1st End Connection Type: Threaded External Boss 2nd End Connection Type: Threaded External Pipe 1st End Thread Quantity Per Inch: 12 2nd End Maximum Operating Pressure: 1500.0 Pounds Per Square Inch Single Response Nominal Thread Size: 1.312 Inches 2nd End Nominal Thread Size: 0.750 Inches 1st End Nominal Overall Length: 2.031 Inches Material: Aluminum Alloy 2014 Overall Or Aluminum Alloy 2024 Overall Material Document And Classification: Qq-a-225/4,t6 Fed Spec Single Material Response Overall Or Qq-a225/6,t6 Fed Spec Single Material Response Overall Media For Which Designed: Hydraulic Fluid 2nd Response Media For Which Designed: Oxygen, Gaseous 1st Response Media For Which Designed: Anodize Overall Surface Treatment: Anodize Overall Thread Series Designator: Alpt 1st End Thread Series Designator: Unj 2nd End  | End Item Identification:                              | Aircraft Application  |
| Connection Type:Threaded External Boss 2nd EndConnection Type:Threaded External Pipe 1st EndThread Quantity Per Inch:12 2nd EndMaximum Operating Pressure:1500.0 Pounds Per Square Inch Single ResponseNominal Thread Size:1.312 Inches 2nd EndNominal Thread Size:0.750 Inches 1st EndNominal Overall Length:2.031 InchesMaterial:Aluminum Alloy 2014 Overall Or Aluminum Alloy 2024 OverallMaterial Document And Classification:Qq-a-225/4,t6 Fed Spec Single Material Response Overall Or Qq-a225/6,t6 Fed Spec Single Material Response OverallMedia For Which Designed:Gas 3rd ResponseMedia For Which Designed:Hydraulic Fluid 2nd ResponseMedia For Which Designed:Oxygen, Gaseous 1st ResponseMedia For Which Designed:Oxygen, Gaseous 1st ResponseSurface Treatment:Anodize OverallSurface Treatment Document And Classification:Mil-a-8625,ty 2,cl 2 Mil Spec Single Treatment Response OverallThread Series Designator:Anpt 1st EndThread Series Designator:Unj 2nd End   | Connection Style:                                     | Flared W/ Gasket Seal (boss) 2nd End  |
| Connection Type:Threaded External Pipe 1st EndThread Quantity Per Inch:12 2nd EndMaximum Operating Pressure:1500.0 Pounds Per Square Inch Single ResponseNominal Thread Size:1.312 Inches 2nd EndNominal Thread Size:0.750 Inches 1st EndNominal Overall Length:2.031 InchesMaterial:Aluminum Alloy 2014 Overall Or Aluminum Alloy 2024 OverallMaterial Document And Classification:Qq-a-225/4,t6 Fed Spec Single Material Response Overall Or Qq-a225/6,t6 Fed Spec Single Material Response Overall Or Qq-a225/6,t6 Fed Spec Single Material Response OverallMedia For Which Designed:Hydraulic Fluid 2nd ResponseMedia For Which Designed:Oxygen, Gaseous 1st ResponseMedia For Which Designed:Oxygen, Gaseous 1st ResponseSurface Treatment:Anodize OverallSurface Treatment Document And Classification:Mil-a-8625,ty 2,cl 2 Mil Spec Single Treatment Response OverallThread Series Designator:Anpt 1st EndThread Series Designator:Unj 2nd End  | Connection Style:                                     | Plain (pipe) 1st End  |
| Thread Quantity Per Inch:  Maximum Operating Pressure:  1500.0 Pounds Per Square Inch Single Response  Nominal Thread Size:  1.312 Inches 2nd End  Nominal Thread Size:  0.750 Inches 1st End  Nominal Overall Length:  Aluminum Alloy 2014 Overall Or Aluminum Alloy 2024 Overall  Material Document And Classification:  Qq-a-225/4,t6 Fed Spec Single Material Response Overall Or Qq-a225/6,t6 Fed Spec Single Material Response Overall  Media For Which Designed:  Mid-a-8625,ty 2,cl 2 Mil Spec Single Treatment Response Overall  Thread Series Designator:  Anpt 1st End  Thread Series Designator:  Unj 2nd End  | Connection Type:                                      | Threaded External Boss 2nd End  |
| Maximum Operating Pressure:1500.0 Pounds Per Square Inch Single ResponseNominal Thread Size:1.312 Inches 2nd EndNominal Thread Size:0.750 Inches 1st EndNominal Overall Length:2.031 InchesMaterial:Aluminum Alloy 2014 Overall Or Aluminum Alloy 2024 OverallMaterial Document And Classification:Qq-a-225/4,t6 Fed Spec Single Material Response Overall Or Qq-a225/6,t6 Fed Spec Single Material Response OverallMedia For Which Designed:Hydraullic Fluid 2nd ResponseMedia For Which Designed:Hydraullic Fluid 2nd ResponseMedia For Which Designed:Oxygen, Gaseous 1st ResponseSurface Treatment:Anodize OverallSurface Treatment Document And Classification:Mil-a-8625,ty 2,cl 2 Mil Spec Single Treatment Response OverallThread Series Designator:Anpt 1st EndThread Series Designator:Unj 2nd End   | Connection Type:                                      | Threaded External Pipe 1st End  |
| Nominal Thread Size: 1.312 Inches 2nd End  Nominal Thread Size: 0.750 Inches 1st End  Nominal Overall Length: 2.031 Inches  Material: Aluminum Alloy 2014 Overall Or Aluminum Alloy 2024 Overall  Material Document And Classification: Qq-a-225/4,t6 Fed Spec Single Material Response Overall Or Qq-a225/6,t6 Fed Spec Single Material Response Overall  Media For Which Designed: Gas 3rd Response  Media For Which Designed: Hydraulic Fluid 2nd Response  Media For Which Designed: Oxygen, Gaseous 1st Response  Surface Treatment: Anodize Overall  Surface Treatment Document And Classification: Mil-a-8625,ty 2,cl 2 Mil Spec Single Treatment Response Overall  Thread Series Designator: Anotize Overall  Thread Series Designator: Unj 2nd End  | Thread Quantity Per Inch:                             | 12 2nd End  |
| Nominal Thread Size: 0.750 Inches 1st End  Nominal Overall Length: 2.031 Inches  Material: Aluminum Alloy 2014 Overall Or Aluminum Alloy 2024 Overall  Material Document And Classification: Qq-a-225/4,t6 Fed Spec Single Material Response Overall Or Qq-a225/6,t6 Fed Spec Single Material Response Overall  Media For Which Designed: Gas 3rd Response  Media For Which Designed: Hydraulic Fluid 2nd Response  Media For Which Designed: Oxygen, Gaseous 1st Response  Surface Treatment: Anodize Overall  Surface Treatment Document And Classification: Mil-a-8625,ty 2,cl 2 Mil Spec Single Treatment Response Overall  Thread Series Designator: Anpt 1st End  Thread Series Designator: Unj 2nd End  | Maximum Operating Pressure:                           | 1500.0 Pounds Per Square Inch Single Response   |
| Nominal Overall Length:  Material:  Aluminum Alloy 2014 Overall Or Aluminum Alloy 2024 Overall  Material Document And Classification:  Qq-a-225/4,t6 Fed Spec Single Material Response Overall Or Qq-a225/6,t6 Fed Spec Single Material Response Overall  Media For Which Designed:  Media For Which Designed:  Media For Which Designed:  Media For Which Designed:  Oxygen, Gaseous 1st Response  Surface Treatment:  Anodize Overall  Surface Treatment Document And Classification:  Mil-a-8625,ty 2,cl 2 Mil Spec Single Treatment Response Overall  Thread Series Designator:  Unj 2nd End   | Nominal Thread Size:                                  | 1.312 Inches 2nd End  |
| Material: Material Document And Classification: Qq-a-225/4,t6 Fed Spec Single Material Response Overall Or Qq-a225/6,t6 Fed Spec Single Material Response Overall Or Qq-a25/6,t6 Fed Spec Single Parallel Or Qq-a25/6,t6 Fed Spec Single Parallel Or Qq- | Nominal Thread Size:                                  | 0.750 Inches 1st End  |
| Material Document And Classification:Qq-a-225/4,t6 Fed Spec Single Material Response Overall Or Qq-a225/6,t6 Fed Spec Single Material Response OverallMedia For Which Designed:Gas 3rd ResponseMedia For Which Designed:Hydraulic Fluid 2nd ResponseMedia For Which Designed:Oxygen, Gaseous 1st ResponseSurface Treatment:Anodize OverallSurface Treatment Document And Classification:Mil-a-8625,ty 2,cl 2 Mil Spec Single Treatment Response OverallThread Series Designator:Anpt 1st EndThread Series Designator:Unj 2nd End   | Nominal Overall Length:                               | 2.031 Inches  |
| Media For Which Designed:Gas 3rd ResponseMedia For Which Designed:Hydraulic Fluid 2nd ResponseMedia For Which Designed:Oxygen, Gaseous 1st ResponseSurface Treatment:Anodize OverallSurface Treatment Document And Classification:Mil-a-8625,ty 2,cl 2 Mil Spec Single Treatment Response OverallThread Series Designator:Anpt 1st EndThread Series Designator:Unj 2nd End   | Material:   | Aluminum Alloy 2014 Overall Or Aluminum Alloy 2024 Overall  |
| Media For Which Designed:Hydraulic Fluid 2nd ResponseMedia For Which Designed:Oxygen, Gaseous 1st ResponseSurface Treatment:Anodize OverallSurface Treatment Document And Classification:Mil-a-8625,ty 2,cl 2 Mil Spec Single Treatment Response OverallThread Series Designator:Anpt 1st EndThread Series Designator:Unj 2nd End  | Material Document And Classification:                 | Qq-a-225/4,t6 Fed Spec Single Material Response Overall Or Qq-a225/6,t6 Fed Spec Single Material Response Overall |
| Media For Which Designed:  Surface Treatment:  Anodize Overall  Surface Treatment Document And Classification:  Mil-a-8625,ty 2,cl 2 Mil Spec Single Treatment Response Overall  Thread Series Designator:  Anpt 1st End  Unj 2nd End  | Media For Which Designed:                             | Gas 3rd Response  |
| Surface Treatment:  Surface Treatment Document And Classification:  Mil-a-8625,ty 2,cl 2 Mil Spec Single Treatment Response Overall  Thread Series Designator:  Anpt 1st End  Unj 2nd End  | Media For Which Designed:                             | Hydraulic Fluid 2nd Response  |
| Surface Treatment Document And Classification: Mil-a-8625,ty 2,cl 2 Mil Spec Single Treatment Response Overall Thread Series Designator: Anpt 1st End Thread Series Designator: Unj 2nd End  | Media For Which Designed:                             | Oxygen, Gaseous 1st Response  |
| Thread Series Designator: Anpt 1st End Unj 2nd End   | Surface Treatment:                                    | Anodize Overall   |
| Thread Series Designator: Unj 2nd End  | <b>Surface Treatment Document And Classification:</b> | Mil-a-8625,ty 2,cl 2 Mil Spec Single Treatment Response Overall   |
|  | Thread Series Designator:                             | Anpt 1st End  |
| Specification/standard Data: 88044-an816 Government Standard And 81343-as4842/1 Professional/industrial Association Standard   | Thread Series Designator:                             | Unj 2nd End   |
|  | Specification/standard Data:                          | 88044-an816 Government Standard And 81343-as4842/1 Professional/industrial Association Standard                   |

### **How to Order**

Order this straight pipe to boss adapter from our inventory online by visiting <a href="https://military-fasteners.com/fittings/straight+pipe+to+boss+adapters/AN816-16-12D">https://military-fasteners.com/fittings/straight+pipe+to+boss+adapters/AN816-16-12D</a> and selecting the quantity you want then click "add to cart". Once items are in your cart you can check outhere to complete your order.