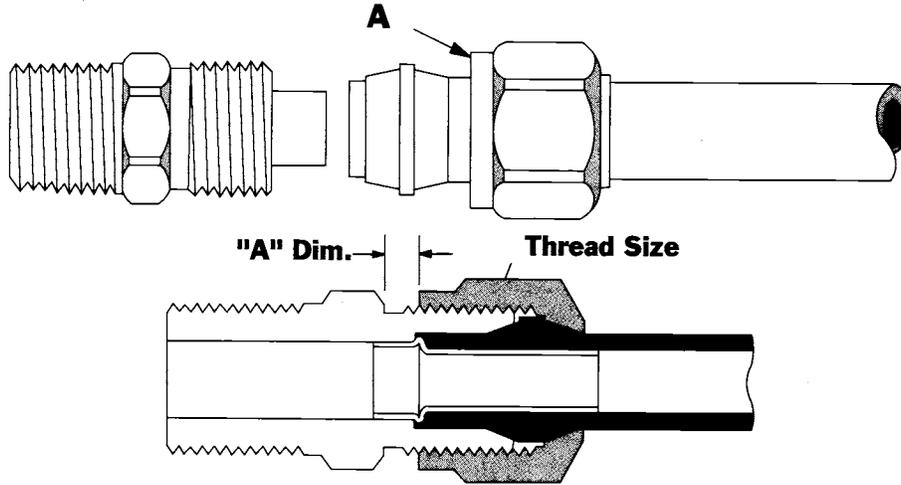


**D.O.T. AIR BRAKE - NYLON TUBING**



<b>Tube O.D.</b>	<b>1/4</b>	<b>3/8</b>	<b>1/2</b>	<b>5/8</b>	<b>3/4</b>
<b>Thread Size-B</b>	<b>7/16-24</b>	<b>17/32-24</b>	<b>11/16-20</b>	<b>13/16-18</b>	<b>1-18</b>

**•Typical Application**

Air brake systems expect where temperatures exceed +200°F or where battery acid can drip on tubing.

**•Pressures**

Maximum operating pressure of 150 PSI.

**•Vibration**

Fair resistance.

**•Temperature Range**

-40°F to +200°F (-40°C to +93°C).

**•Material**

CA360 Brass

**•Used With**

NT Nylon Tubing - SAE J844 Type A and B.

**•Advantages**

Easy to assemble (no tube preparation or flaring required.) Built in tube support. May be used with copper tubing by replacing nut, sleeve and insert with long nut and spherical sleeve. Insert should be removed for copper tubing use.

**•Conformance**

Meets specifications and standards of SAE and DOT FMVSS 571,106.

**•Assembly Instructions**

- 1- Cut tubing to desired length.
- 2- Slide nut and then sleeve on tube. Threaded end "A" of nut must face toward fitting body.
- 3- Insert tubing into preassembled fitting. Be sure tubing is bottomed in fitting.
- 4- Tighten nut to required torque as indicated on chart.

<b>Tube Size</b>	<b>Additional Number of Turns from Hand-Tight</b>
<b>1/4</b>	<b>3</b>
<b>3/8, 1/2</b>	<b>4</b>
<b>5/8, 3/4</b>	<b>3-1/2</b>

**Disassembly:** Remove nut and pull tubing out of fitting body. Inset will remain in tubing.

**Reassembly:** Push tubing and insert into fitting body until it bottoms. Thread nut onto fitting body and torque as in step 4.



**SLEEVE**

**SAE #  
100115**



60NAB  
60NTA  
1460

Part #	Tube O.D.
819NAB-04B .....	1/4
819NAB-06B .....	3/8
819NAB-08B .....	1/2
819NAB-10B .....	5/8
819NAB-12B .....	3/4

**NUT**

**SAE #  
100110**



61NAB  
61NTA  
1461

Part #	Tube O.D.
818NAB-04B .....	1/4
818NAB-06B .....	3/8
818NAB-08B .....	1/2
818NAB-10B .....	5/8
818NAB-12B .....	3/4

**UNION**

**SAE #  
100101BA**



62NAB  
62NTA  
1462

Part #	Tube O.D.
815NAB-04-04B .....	1/4
815NAB-06-06B .....	3/8
815NAB-08-08B .....	1/2
815NAB-10-10B .....	5/8
815NAB-12-12B .....	3/4

**BULKHEAD UNION**



62NBH  
1474  
475

Part #	Tube O.D.
832NAB-04-04B .....	1/4
832NAB-06-06B .....	3/8
832NAB-08-08B .....	1/2

**STAINLESS STEEL INSERT**

• For SAE #  
J844 Tubing



59A  
63NTA

Part #	Tube O.D.
38-035 .....	1/4
38-036 .....	3/8
38-037 .....	1/2
38-038 .....	5/8
38-039 .....	3/4

**BRASS INSERT**

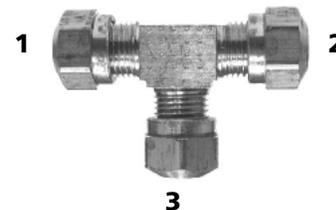


1484  
463

Part #	Tube O.D.
38-040 .....	1/4
38-041 .....	3/8
38-042 .....	1/2
38-043 .....	5/8
38-048 .....	3/4

**TEE**

**SAE #  
100401BA**



64NAB  
64NTA  
1464

Part #	Tube O.D.
824NAB-04B .....	1/4
824NAB-06B .....	3/8
824NAB-08B .....	1/2
824NAB-10B .....	5/8

**REDUCING TEE**

Part #	1	2	3
824NAB-06-04B .....	3/8	3/8	1/4
824NAB-06-08B .....	3/8	3/8	1/2
824NAB-08-06B .....	1/2	1/2	3/8



**ELBOW**

**SAE #  
100201BA**



64NAB  
265NTA  
1465

Part #	Size
821NAB-04-04B .....	1/4
821NAB-06-06B .....	3/8
821NAB-08-08B .....	1/2
821NAB-10-10B .....	5/8

**FEMALE ADAPTER**

**SAE #  
100103BA**



66NAB  
66NTA  
1466  
66NBH

**TUBE O.D. X FEMALE PIPE**

Part #	Size
854NAB-04-02B .....	1/4x1/8
854NAB-04-04B .....	1/4x1/4
854NAB-06-02B .....	3/8x1/8
854NAB-06-04B .....	3/8x1/4
854NAB-06-06B .....	3/8x3/8
854NAB-08-06B .....	1/2x3/8
854NAB-08-08B .....	1/2x1/2
854NAB-10-06B .....	5/8x3/8
854NAB-10-08B .....	5/8x1/2

*Send DF Burnham & Company  
all your high volume quotes!*

**MALE ADAPTER**

**SAE #  
100102BA**



68NAB  
68NTA  
1468

**TUBE O.D. X MALE PIPE**

Part #	Size
816NAB-04-1/16B .....	1/4x1/16
816NAB-04-02B .....	1/4x1/8
815NAB-04-04B .....	1/4x1/4
816NAB-04-06B .....	1/4x3/8
816NAB-06-02B .....	3/8x1/8
816NAB-06-04B .....	3/8x1/4
816NAB-06-06B .....	3/8x3/8
816NAB-06-08B .....	3/8x1/2
816NAB-08-04B .....	1/2x1/4
816NAB-08-06B .....	1/2x3/8
816NAB-08-08B .....	1/2x1/2
816NAB-08-12B .....	1/2x3/4
816NAB-10-06B .....	5/8x3/8
816NAB-10-08B .....	5/8x1/2
816NAB-10-12B .....	5/8x3/4
816NAB-12-08B .....	3/4x1/2
816NAB-12-12B .....	3/4x3/4

**MALE ELBOW**

**SAE #  
100202BA**



1469

**TUBE O.D. X MALE PIPE**

Part #	Size
822NAB-04-02B .....	1/4x1/8
822NAB-04-04B .....	1/4x1/4
822NAB-04-06B .....	1/4x3/8
822NAB-06-02B .....	3/8x1/8
822NAB-06-04B .....	3/8x1/4
822NAB-06-06B .....	3/8x3/8
822NAB-06-08B .....	3/8x1/2
822NAB-08-04B .....	1/2x1/4
822NAB-08-06B .....	1/2x3/8
822NAB-08-08B .....	1/2x1/2
822NAB-10-06B .....	5/8x3/8
822NAB-10-08B .....	5/8x1/2
822NAB-10-12B .....	5/8x3/4
822NAB-12-06B .....	3/4x3/8
822NAB-12-08B .....	3/4x1/2



**FEMALE ELBOW**

SAE #  
100203BA



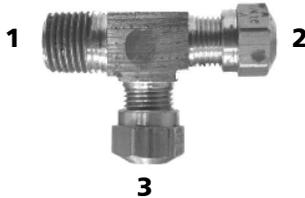
70NAB  
270NTA  
1470

**TUBE O.D. X FEMALE PIPE**

Part #	Size
855NAB-04-02B	1/4x1/8
855NAB-04-04B	1/4x1/4
855NAB-06-02B	3/8x1/8
855NAB-06-04B	3/8x1/4
855NAB-06-06B	3/8x3/8
855NAB-08-06B	1/2x3/8
855NAB-08-08B	1/2x1/2
855NAB-10-08B	5/8x1/2

**MALE RUN TEE**

SAE #  
100424BA



71NAB  
271NTA  
1471

Part #	1	2	3
826NAB-04-02B	1/4 x 1/8	x 1/4	x 1/4
826NAB-04-04B	1/4 x 1/4	x 1/4	x 1/4
826NAB-06-04B	3/8 x 1/4	x 1/4	x 1/4
826NAB-06-04-06B	3/8 x 1/4	x 3/8	x 3/8
826NAB-06-06B	3/8 x 3/8	x 3/8	x 3/8
826NAB-08-06-08B	1/2 x 3/8	x 3/8	x 1/2

**MALE BRANCH TEE**

SAE #  
100425BA



72NAB  
272NTA  
1472

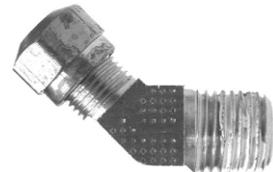
Part #	1	2	3
825NAB-04-02B	1/4 x 1/4	x 1/8	x 1/8
825NAB-04-04B	1/4 x 1/4	x 1/4	x 1/4
825NAB-06-02B	3/8 x 3/8	x 1/8	x 1/8
825NAB-06-04B	3/8 x 1/4	x 1/4	x 1/4
825NAB-06-06B	3/8 x 3/8	x 1/4	x 1/4
825NAB-08-04B	1/2 x 1/2	x 1/4	x 1/4
825NAB-06-06B	3/8 x 3/8	x 3/8	x 3/8
825NAB-08-06-08B	1/2 x 3/8	x 3/8	x 3/8
825NAB-08-06B	1/2 x 1/2	x 3/8	x 3/8
825NAB-08-08B	1/2 x 1/2	x 1/2	x 1/2
825NAB-10-04B	5/8 x 5/8	x 1/4	x 1/4
825NAB-10-08B	5/8 x 5/8	x 1/2	x 1/2

**SPECIAL TEES**

Part #	1	2	3
38-144	3/8 x 3/8	x 1/4FIP	x 1/4FIP
38-145	1/2 x 1/2	x 1/4FIP	x 1/4FIP
38-146	5/8 x 5/8	x 1/4FIP	x 1/4FIP

**45° ELBOW**

SAE #  
100302BA



945NAB  
279NTA  
1480

**TUBE O.D. X MALE PIPE**

Part #	Size
823NAB-04-02B	1/4x1/8
823NAB-04-04B	1/4x1/4
823NAB-06-02B	3/8x1/8
823NAB-06-04B	3/8x1/4
823NAB-06-06B	3/8x3/8
823NAB-06-08B	3/8x1/2
823NAB-08-04B	1/2x1/4
823NAB-08-06B	1/2x3/8
823NAB-08-08B	1/2x1/2
823NAB-10-08B	5/8x1/2
823NAB-12-08B	3/4x1/2

