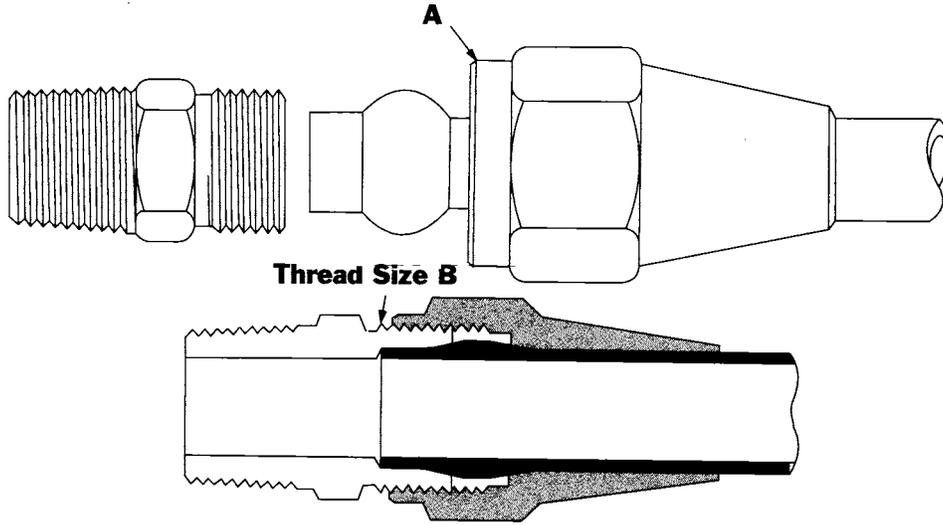


D.O.T. AIR BRAKE - COPPER TUBING

Brass



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

•Typical Application

Air brake systems.

•Pressure

Maximum operating pressure of 150 PSI.

•Vibration

Fair resistance.

•Temperature Range

-65°F to +250°F (-53°C to +121°C) with copper tubing.

•Material

CA360 Brass

•Used With

Copper tubing in air brake systems.

•Advantages

Easy to assemble (no flaring). May be used with nylon tubing by replacing long nut and spherical sleeve with insert, rigid sleeve and nut.

•Conformance

Meets specifications and standards of SAE and DOT.

•Assembly Instructions

- 1- Cut tubing to desired length. Make sure all burrs are removed and the ends are cut square.
- 2- Slide nut and then sleeve on tube. Threaded end "A" of nut must face toward fitting body.
- 3- Insert tubing into fitting. Be sure tubing is bottomed on fitting shoulder.
- 4- Thread nut onto fitting body until it is hand tight.
- 5- From that point, tighten with a wrench the number of turns indicated in the chart below:

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



Brass

SLEEVE

SAE # 60AB
120115BA 1360



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

NUT

SAE # 61AB
120111BA 20961
1361



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

UNION

SAE # 62AB
120101BA 1362



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

TEE

SAE # 264AB
120401BA 1364



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

ELBOW

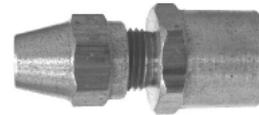
SAE # 265AB
120201BA 1365



Part #	Tube O.D.
821AB-04-04B	1/4
821AB-06-06B	3/8
821AB-08-08B	1/2
821AB-10-10B	5/8

FEMALE ADAPTER

SAE # 66AB
120103BA 1366



TUBE O.D. X FEMALE PIPE

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

MALE ADAPTER

SAE # 68AB
120102BA 1368



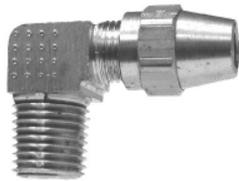
TUBE O.D. X MALE PIPE

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



90° MALE ELBOW

SAE #
120202BA



269AB
1369

TUBE O.D. X MALE PIPE

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

LONG PATTERN ELBOW

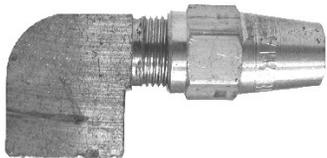


TUBE O.D. X MALE PIPE

Part #	Size
38-249	3/8x1/4

90° FEMALE ELBOW

SAE #
120203BA



270AB
1370

TUBE O.D. X FEMALE PIPE

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

RUN TEE

SAE #
120424BA



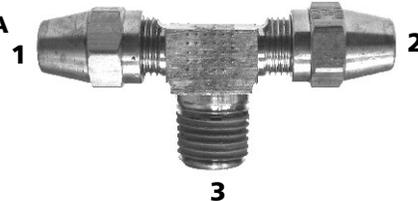
271AB
1371

**TUBE O.D. X MALE PIPE
(1 & 3) X 2**

Part #	Size
826AB-04-02B	1/4x1/8
826AB-04-04B	1/4x1/4
826AB-06-04B	3/8x1/4
826AB-06-06B	3/8x3/8
826AB-08-08B	1/2x1/2
826AB-10-08B	5/8x1/2

BRANCH TEE

SAE #
120425BA



272AB
1372

**TUBE O.D. X MALE PIPE
(1 & 3) X 2**

Part #	Size
825AB-04-04B	1/4x1/4
825AB-06-04B	3/8x1/4
825AB-06-06B	3/8x3/8
825AB-08-06B	1/2x3/8
825AB-08-08B	1/2x1/2
825AB-10-08B	5/8x1/2

45° MALE ELBOW

SAE #
120302BA



279AB
1380

TUBE O.D. X MALE PIPE

Part #	Size
823AB-04-02B	1/4x1/8
823AB-04-04B	1/4x1/4
823AB-06-04B	3/8x1/4
823AB-06-06B	3/8x3/8
823AB-06-08B	3/8x1/2
823AB-08-06B	1/2x3/8

