

Air Brake Fittings

Applications

- Designed for use in air brake systems or cab controls

Features

- Utilize ribbed sleeve for compression and positive grip
- Machined from CA360, CA345, or CA377 brass
- Pre-applied thread sealant on all male pipe threads
- Maximum operating pressure: **150 PSI**
- Compatible tubing: SAE J844 type A and B
- Specifications: meets D.O.T. FMVSS 571.106 and SAE J246

Materials

- Body (straights), tube supports and grippers: Brass CA360;
- Forged Elbows and Tees: CA377
- O-ring: Nitrile Rubber
- Recommended tubing: Polyethylene, Polyurethane 95A Durometer

Specification

- Temperature range: **-40°F to 212°F (-40°C to 100°C)**

Assembly Instructions:

1. Cut tubing squarely - maximum of 15° angle allowable.
2. Check that port or mating part is clean and free of debris.
3. Insert tubing into fittings until it bottoms on seat.
4. Tighten nut with wrench until one thread remains visible on the fittings body (this will allow for a number of remakes); or, the nut should be screwed down finger tight, then wrench-tightened as indicated in the chart below.

Tube Size	Turns required to seal from hand tight
3/16"	2-1/2
1/4"	3
3/8" & 1/2"	4
5/8" & 3/4"	3-1/2

Male Connectors

Features

- Ref. SAE 100102 BA
- Thread sealant may be white or burnt orange

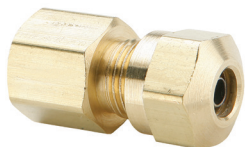


Tube Size	Pipe Thread	Straight Thread	Part #	Pkg Qty
3/16"	1/16"	5/16"-24	68NAB31VS	25
	1/8"	5/16"-24	68NAB32VS	50
	1/4"	5/16"-24	68NAB34VS	25
1/4"	1/8"	7/16"-24	68NAB42VS	50
	1/4"	7/16"-24	68NAB44VS	50
	3/8"	7/16"-24	68NAB46VS	10
3/8"	1/8"	17/32"-24	68NAB62VS	25
	1/4"	17/32"-24	68NAB64VS	25
	3/8"	17/32"-24	68NAB66VS	25
	1/2"	17/32"-24	68NAB68VS	25
1/2"	1/4"	11/16"-20	68NAB84VS	10
	3/8"	11/16"-20	68NAB86VS	25
	1/2"	11/16"-20	68NAB88VS	25
5/8"	3/8"	13/16"-18	68NAB106VS	10
	1/2"	13/16"-18	68NAB108VS	10
3/4"	3/8"	1"-18	68NAB126VS	10
	1/2"	1"-18	68NAB128VS	10
	3/4"	1"-18	68NAB1212VS	10

Female Connectors

Feature

- Ref. SAE 100103 BA



Tube Size	Pipe Thread	Straight Thread	Part #	Pkg Qty
1/4"	1/8"	7/16"-24	66NAB42	25
	1/4"	7/16"-24	66NAB44	10
3/8"	1/8"	17/32"-24	66NAB62	10
	1/4"	17/32"-24	66NAB64	10
1/2"	3/8"	11/16"-20	66NAB86 ¹	10
	1/2"	11/16"-20	66NAB88	10
5/8"	1/2"	13/16"-18	66NAB108	10

¹ Not full hex as shown