

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 DOT 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:

- Cut tubing squarely – maximum of 15° angle allowable.
- Check that port or mating part is clean and free of debris.
- Insert tubing into fittings until it bottoms on seat.
- 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" and 1/2"	4
5/8" and 3/4"	3-1/2

Male Connectors

Features

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

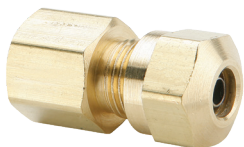


Tube Size	Pipe Thread	Straight Thread	Part #	Pkg Qty
3/16"	1/16"	5/16" – 24	68NAB31VS	25
	1/8"	5/16" – 24	68NAB32VS	50
	1/4"	5/16" – 24	68NAB34VS	25
1/4"	1/8"	7/16" – 24	68NAB42VS	50
	1/4"	7/16" – 24	68NAB44VS	50
	3/8"	7/16" – 24	68NAB46VS	10
3/8"	1/8"	17/32" – 24	68NAB62VS	25
	1/4"	17/32" – 24	68NAB64VS	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