

Air Brake Fittings

Application:

- 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**
- temperature range: **-40°F to 200°F (-40°C to 93°C)**
- compatible tubing: SAE J844 type A and B
- specifications: meets D.O.T FMVSS 571.106 and SAE J246

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"	2½
1/4"	3
3/8" & 1/2"	4
5/8" & 3/4"	3½

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
3/16"	1/8"	5/16"-24	68NAB32VS	50
3/16"	1/4"	5/16"-24	68NAB34VS	25
1/4"	1/8"	7/16"-24	68NAB42VS	50
1/4"	1/4"	7/16"-24	68NAB44VS	50
1/4"	3/8"	7/16"-24	68NAB46VS	10
3/8"	1/8"	17/32"-24	68NAB62VS	25
3/8"	1/4"	17/32"-24	68NAB64VS	25
3/8"	3/8"	17/32"-24	68NAB66VS	25
3/8"	1/2"	17/32"-24	68NAB68VS	25
1/2"	1/4"	11/16"-20	68NAB84VS	10
1/2"	3/8"	11/16"-20	68NAB86VS	25
1/2"	1/2"	11/16"-20	68NAB88VS	25
5/8"	3/8"	13/16"-18	68NAB106VS	10
5/8"	1/2"	13/16"-18	68NAB108VS	10
3/4"	3/8"	1"-18	68NAB126VS	10
3/4"	1/2"	1"-18	68NAB128VS	10
3/4"	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"	1/4"	7/16"-24	66NAB44	10
3/8"	1/8"	17/32"-24	66NAB62	10
3/8"	1/4"	17/32"-24	66NAB64	10
1/2"	3/8"	11/16"-20	66NAB86 ¹	10
1/2"	1/2"	11/16"-20	66NAB88	10
5/8"	3/8"	13/16"-18	66NAB106	10
5/8"	1/2"	13/16"-18	66NAB108	10



¹ not full hex as shown