

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**
- compatible tubing: SAE J844 type A and B
- specifications: meets D.O.T FMVSS 571.106 and SAE J1131, and SAE J2494

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

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Male Connectors



Features:

- ref. SAE 100102 BA
- thread sealant may be white or burnt orange

Tube Size	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/16"	5/16"-24	68NAB31VS	\$20.23	25
3/16"	1/8"	5/16"-24	68NAB32VS	15.78	50
3/16"	1/4"	5/16"-24	68NAB34VS	20.78	25
1/4"	1/8"	7/16"-24	68NAB42VS	5.32	50
1/4"	1/4"	7/16"-24	68NAB44VS	6.30	50
1/4"	3/8"	7/16"-24	68NAB46VS	7.61	10
3/8"	1/8"	17/32"-24	68NAB62VS	9.14	25
3/8"	1/4"	17/32"-24	68NAB64VS	6.30	25
3/8"	3/8"	17/32"-24	68NAB66VS	8.10	25
3/8"	1/2"	17/32"-24	68NAB68VS	12.60	25
1/2"	1/4"	11/16"-20	68NAB84VS	9.75	10
1/2"	3/8"	11/16"-20	68NAB86VS	10.40	25
1/2"	1/2"	11/16"-20	68NAB88VS	13.26	25
5/8"	3/8"	13/16"-18	68NAB106VS	19.07	10
5/8"	1/2"	13/16"-18	68NAB108VS	16.55	10
3/4"	3/8"	1"-18	68NAB126VS	49.35	10
3/4"	1/2"	1"-18	68NAB128VS	26.91	10
3/4"	3/4"	1"-18	68NAB1212VS	29.07	10

Female Connectors



Feature:

- ref. SAE 100103 BA

Tube Size	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
¼"	⅛"	7/16"-24	66NAB42	\$7.70	25
¼"	¼"	7/16"-24	66NAB44	8.46	10
⅜"	⅛"	17/32"-24	66NAB62	9.18	10
⅜"	¼"	17/32"-24	66NAB64	10.00	10
½"	⅜"	11/16"-20	66NAB86 ¹	15.06	10
½"	½"	11/16"-20	66NAB88	23.08	10
⅝"	⅜"	13/16"-18	66NAB106	20.92	10
⅝"	½"	13/16"-18	66NAB108	27.94	10

¹ not full hex as shown

Unions



Tube Size	Straight Thread	Part #	Price/E	Pkg Qty
¼"	7/16"-24	62NAB4	\$7.46	10
⅜"	17/32"-24	62NAB6	9.18	10
½"	11/16"-20	62NAB8	14.54	10
⅝"	13/16"-18	62NAB10	21.77	10
¾"	1"-18	62NAB12	37.15	10

Bulkhead Unions



Tube Size	Straight Thread	Part #	Price/E	Pkg Qty
¼"	7/16"-24	62NABH4	\$41.00	10
⅜"	17/32"-24	62NABH6	53.20	10
½"	11/16"-20	62NABH8	96.62	10

Bulkhead Unions



Tube Size	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	5/16"-24	62NBH3	\$51.55	10
1/4"	7/16"-24	62NBH4	25.37	10
3/8"	17/32"-24	62NBH6	35.02	10
1/2"	11/16"-20	62NBH8	34.76	10
5/8"	13/16"-18	62NBH10	99.82	10