

# 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 OD	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/16"	5/16"-24	<b>68NAB31VS</b>	<b>\$20.29</b>	25
3/16"	1/8"	5/16"-24	<b>68NAB32VS</b>	<b>15.78</b>	50
3/16"	1/4"	5/16"-24	<b>68NAB34VS</b>	<b>20.78</b>	25
1/4"	1/8"	7/16"-24	<b>68NAB42VS</b>	<b>5.32</b>	50
1/4"	1/4"	7/16"-24	<b>68NAB44VS</b>	<b>6.30</b>	50
1/4"	3/8"	7/16"-24	<b>68NAB46VS</b>	<b>7.91</b>	10
3/8"	1/8"	17/32"-24	<b>68NAB62VS</b>	<b>7.69</b>	25
3/8"	1/4"	17/32"-24	<b>68NAB64VS</b>	<b>6.30</b>	25
3/8"	3/8"	17/32"-24	<b>68NAB66VS</b>	<b>8.10</b>	25
3/8"	1/2"	17/32"-24	<b>68NAB68VS</b>	<b>12.60</b>	25
1/2"	1/4"	11/16"-20	<b>68NAB84VS</b>	<b>9.75</b>	10
1/2"	3/8"	11/16"-20	<b>68NAB86VS</b>	<b>10.40</b>	25
1/2"	1/2"	11/16"-20	<b>68NAB88VS</b>	<b>13.26</b>	25
5/8"	3/8"	13/16"-18	<b>68NAB106VS</b>	<b>19.07</b>	10
5/8"	1/2"	13/16"-18	<b>68NAB108VS</b>	<b>16.55</b>	10
3/4"	3/8"	1"-18	<b>68NAB126VS</b>	<b>49.35</b>	10
3/4"	1/2"	1"-18	<b>68NAB128VS</b>	<b>26.91</b>	10
3/4"	3/4"	1"-18	<b>68NAB1212VS</b>	<b>29.07</b>	10

## Unions



Tube OD	Straight Thread	Part #	Price/E	Pkg Qty
¼"	7/16"-24	<b>62NAB4</b>	<b>\$7.46</b>	10
⅜"	17/32"-24	<b>62NAB6</b>	<b>9.18</b>	10
½"	11/16"-20	<b>62NAB8</b>	<b>14.25</b>	10
⅝"	13/16"-18	<b>62NAB10</b>	<b>21.77</b>	10
¾"	1"-18	<b>62NAB12</b>	<b>37.15</b>	10

## Female Connectors



### Feature:

- ref. SAE 100103 BA

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

<sup>1</sup> not full hex as shown

## Bulkhead Unions



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

## Bulkhead Unions



Tube OD	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	5/16"-24	<b>62NBH3</b>	<b>\$51.55</b>	10
1/4"	7/16"-24	<b>62NBH4</b>	<b>25.37</b>	10
3/8"	17/32"-24	<b>62NBH6</b>	<b>35.02</b>	10
1/2"	11/16"-20	<b>62NBH8</b>	<b>33.82</b>	10
5/8"	13/16"-18	<b>62NBH10</b>	<b>99.82</b>	10