

## Compression Style Fittings

### Air Brake Fittings

Compression style air brake fittings utilizes ribbed sleeve for compression and positive grip. Fittings are supplied with a pre-applied Locite Vibra-Seal 516 on all male pipe threads.

**Materials:** Machined from CA360, CA345, or CA377 brass

**Working Pressure:** up to 150 PSI

**Working Temperature:** -40°F to 200° F

**Specifications:** Compression style air brake fittings meet functional requirements of automotive tube fitting standards: SAE J246 and SAE J1131. They also meet D.O.T. FMVSS 571.106 air brake specifications.

**Applications:** Designed for use with SAE J844 nylon tubing in air brake systems or in cab air controls.

**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.

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



**Sleeves**

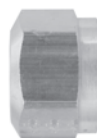
Tube O.D.	Part #	Price/E	Pkg Qty
3/16"	<b>60NAB3</b>	<b>\$1.20</b>	100
1/4"	<b>60NAB4</b>	<b>.40</b>	100
3/8"	<b>60NAB6</b>	<b>.45</b>	100
1/2"	<b>60NAB8</b>	<b>.50</b>	100
5/8"	<b>60NAB10</b>	<b>1.80</b>	100
3/4"	<b>60NAB12</b>	<b>3.35</b>	50

Ref. SAE 100115



**Inserts  
(for SAE J844 Tubing)**

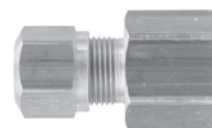
Tube O.D.	Part #	Price/E	Pkg Qty
1/4"	<b>63NAB4</b>	<b>\$.55</b>	200
3/8"	<b>63NAB6</b>	<b>.65</b>	200
1/2"	<b>63NAB8</b>	<b>.95</b>	100
5/8"	<b>63NAB10</b>	<b>2.50</b>	100
3/4"	<b>63NAB12</b>	<b>3.20</b>	100



**Nuts**

Tube O.D.	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	5/16-24	<b>61NAB3</b>	<b>\$1.85</b>	100
1/4"	7/16-24	<b>61NAB4</b>	<b>.70</b>	100
3/8"	17/32-24	<b>61NAB6</b>	<b>1.00</b>	100
1/2"	11/16-20	<b>61NAB8</b>	<b>2.10</b>	50
5/8"	13/16-18	<b>61NAB10</b>	<b>4.40</b>	25
3/4"	1-18	<b>61NAB12</b>	<b>5.15</b>	25

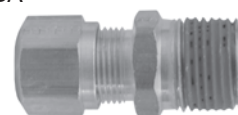
Ref. SAE 100110



**Female Connectors**

Tube O.D.	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
1/4"	1/8"	7/16-24	<b>66NAB42</b>	<b>\$6.45</b>	25
1/4"	1/4"	7/16-24	<b>66NAB44</b>	<b>7.55</b>	10
3/8"	1/8"	17/32-24	<b>66NAB62</b>	<b>6.80</b>	10
3/8"	1/4"	17/32-24	<b>66NAB64</b>	<b>8.10</b>	10
1/2"	3/8"	11/16-20	<b>66NAB86</b>	<b>14.85</b>	10
1/2"	1/2"	11/16-20	<b>66NAB88</b>	<b>14.20</b>	10
5/8"	3/8"	13/16-18	<b>66NAB106</b>	<b>38.55</b>	10
5/8"	1/2"	13/16-18	<b>66NAB108</b>	<b>37.60</b>	10

Ref. SAE 100103 BA



**Male Connectors**

Tube O.D.	Pipe Thread	Straight Thread	Part #	Price/E	Pkg Qty
3/16"	1/16"	5/16-24	<b>68NAB31VS</b>	<b>\$10.80</b>	25
3/16"	1/8"	5/16-24	<b>68NAB32VS</b>	<b>8.60</b>	50
3/16"	1/4"	5/16-24	<b>68NAB34VS</b>	<b>11.35</b>	25
1/4"	1/8"	7/16-24	<b>68NAB42VS</b>	<b>4.00</b>	50
1/4"	1/4"	7/16-24	<b>68NAB44VS</b>	<b>4.15</b>	50
1/4"	3/8"	7/16-24	<b>68NAB46VS</b>	<b>4.60</b>	10
3/8"	1/8"	17/32-24	<b>68NAB62VS</b>	<b>4.75</b>	25
3/8"	1/4"	17/32-24	<b>68NAB64VS</b>	<b>4.40</b>	25
3/8"	3/8"	17/32-24	<b>68NAB66VS</b>	<b>5.45</b>	25
3/8"	1/2"	17/32-24	<b>68NAB68VS</b>	<b>8.75</b>	25
1/2"	1/4"	11/16-20	<b>68NAB84VS</b>	<b>5.85</b>	10
1/2"	3/8"	11/16-20	<b>68NAB86VS</b>	<b>5.70</b>	25
1/2"	1/2"	11/16-20	<b>68NAB88VS</b>	<b>9.80</b>	25
5/8"	3/8"	13/16-18	<b>68NAB106VS</b>	<b>11.35</b>	10
5/8"	1/2"	13/16-18	<b>68NAB108VS</b>	<b>10.40</b>	10
3/4"	3/8"	1-18	<b>68NAB126VS</b>	<b>27.05</b>	10
3/4"	1/2"	1-18	<b>68NAB128VS</b>	<b>21.40</b>	10
3/4"	3/4"	1-18	<b>68NAB1212VS</b>	<b>21.45</b>	10

Ref. SAE 100102 BA