

Air Brake-AB Fittings

AB Advantages

Easy to assemble, no flaring required. Extruded from CA 360 or CA 345 brass. Readily available in broad selection of configurations and sizes. AB fittings are pre-applied with Locite Vibra-Seal® 516 on all male pipe threads.

Specifications

AB fittings meet DOT FMVSS571.106 performance specifications when assembled with 63NTA tube support (page 83) and SAE J844 nylon tubing. Meets functional requirements of SAE J246.

Applications

Use with copper tubing in air brake systems. Air Brake bodies (with addition of NTA tube support) are interchangeable with NTA bodies for use with SAE J844 nylon tubing.

Working Pressure Ranges

Up to 400 psi.

Temperature Ranges

Fittings will withstand variations from -65° to +250°F.

Assembly Instructions

1. Cut tubing squarely and remove burrs.
2. Slide nut and sleeve onto tubing.
3. Insert tubing into fitting until bottomed on seat. The nut should be screwed down finger-tight, then wrench-tightened as indicated below (This will allow a number of remakes):

Tube Size	Additional Number of Turns from Hand-Tight
1/4, 3/8, 1/2	2
5/8, 3/4	3

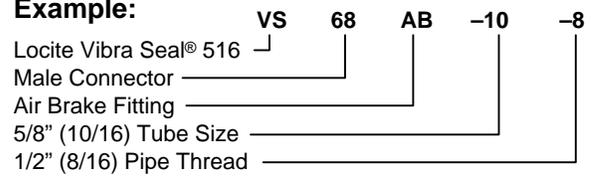
Order

By part number. Nuts and sleeves may be ordered as separate items by their catalog number.

Nomenclature

Part numbers are constructed from symbols that identify the style and size of the fitting. The first series of numbers and letters identifies the style and type fitting. The second series of numbers describes the size.

Example:



Sizes

Tube sizes are determined by the numbers of sixteenths of an inch in the tube O.D.

Special Fittings

Fitting configurations and/or sizes other than those shown in the catalog can be furnished. It is suggested that a print or sketch be submitted with the inquiry.

Pricing

Only items priced in current supplementary price list PL3501 are carried in stock. Price and delivery for non-stock items furnished on request for specified quantity.

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