

Metric Prestomatic Air Brake Push-In Fittings

Advantages

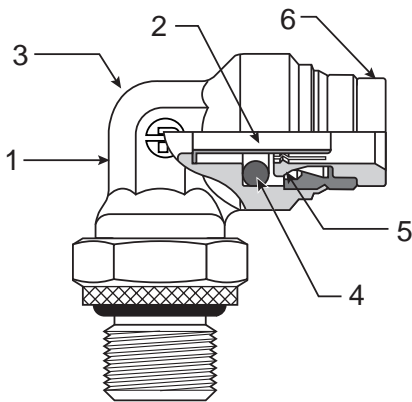
Patented design of sizes 6mm and above meet DIN 74324 and D.O.T. FMVSS 571.106 air brake performance specifications. No special tools are needed to assemble. Just bottom the tubing in the fitting body for a positive seal.

Application

Use with DIN 73378 virgin nylon or SAE J1394 tubing. Designed for DIN and D.O.T. truck and trailer applications. Consult the factory with any questions regarding special product applications. Prior to use, all applications should be carefully tested through the range of conditions which may be encountered.

Features

1. All brass body.
2. Brass tube support
3. Elbows and tees utilize the Universal Stud HOBS nut design.
4. Lubricated O-Ring Seal (Buna N) insures a quick, easy and positive seal.
5. Innovative Collet design insures positive grip on tubing.
6. Release Button offers quick and easy disconnections.



Technical Data

- Working pressure up 250 psi.
- Working temperature from -40° F to +200° F (Note: see tubing manufacturer's recommendations for pressure and temperature limitations).
- Buna N (Nitrile) O-Rings.
- **DIN 74324: Air brake systems thermoplastic tubes and pipe requirements and testing**
- **DIN 73378: Polymade tubing for motor vehicles.**

Order

By part number and name.

Nomenclature

Part numbers are constructed from symbols that identify the style and size of the fitting. The first series of numbers and letters identify the style and type of fitting. The Prestomatic series 6mm and above has a brass tube support and is designated with a "PMT" suffix.

Example:

F 8 U PMTB 8 M22

Straight male connector — F
 Metric Parrallel — 8
 Universal Stud — U
 Air Brake Push-In Fitting—Brass Body — PMTB
 8mm Tube size — 8
 22mm port thread — M22

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. Price and delivery for non-stock items furnished on request for specified quantities.

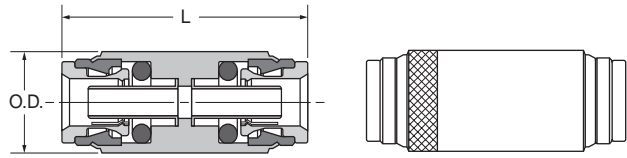
Pricing

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.

Metric Prestomatic Air Brake Push-In Fittings

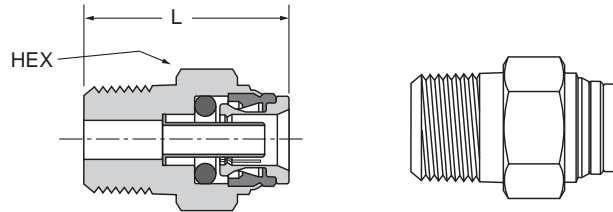
Union HPMTB

PART NO.	TUBE SIZE (mm)	L (mm)	O.D. (mm)
HPMTB6	6	45.2	15.9
HPMTB8	8	45.3	17.4
HPMTB10	10	51.8	22.2
HPMTB12	12	51.8	22.2



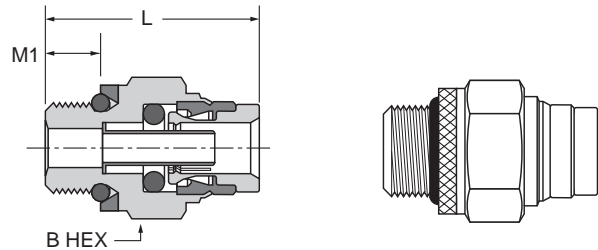
Male Connector BSPT F3PMTB

PART NO.	TUBE (mm)	BSPT THREAD	L (mm)	HEX (mm)
F3PMTB10-1/4	10	1/4	39.6	25
F3PMTB10-1/2	10	1/2	39.6	25
F3PMTB12-1/2	12	1/2	40.4	25



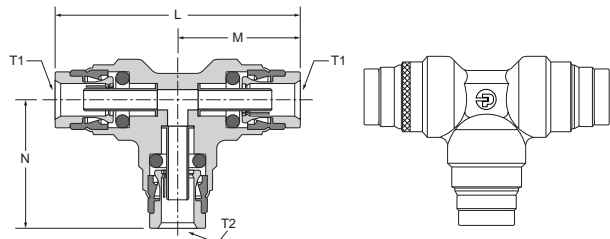
Male Connector Metric Straight Thread F8UPMTB

PART NO.	TUBE SIZE (mm)	METRIC THREAD	L (mm)	B HEX (mm)	M1 (mm)
F8UPMTB6-M10	6	M10x1	29.7	17	9.0
F8UPMTB6-M12	6	M12x1.5	29.1	17	7.5
F8UPMTB6-M14	6	M14x1.5	29.1	22	7.5
F8UPMTB6-M16	6	M16x1.5	31.6	22	10.0
F8UPMTB6-M22	6	M22x1.5	29.7	27	9.5
F8UPMTB8-M10	8	M10x1	31.4	22	9.0
F8UPMTB8-M12	8	M12x1.5	33.0	22	11.2
F8UPMTB8-M14	8	M14x1.5	33.0	22	11.2
F8UPMTB8-M16	8	M16x1.5	31.0	22	10.0
F8UPMTB8-M22	8	M22x1.5	28.8	27	9.5
F8UPMTB10-M10	10	M10x1	34.8	22	9.0
F8UPMTB10-M12	10	M12x1.5	36.9	22	7.5
F8UPMTB10-M14	10	M14x1.5	36.8	22	11.2
F8UPMTB10-M16	10	M16x1.5	37.5	22	10.0
F8UPMTB10-M22	10	M22x1.5	31.1	27	9.5
F8UPMTB12-M12	12	M12x1.5	37.3	22	11.2
F8UPMTB12-M14	12	M14x1.5	36.8	22	11.2
F8UPMTB12-M16	12	M16x1.5	39.7	22	10.0
F8UPMTB12-M22	12	M22x1.5	33.4	27	9.5
F8UPMTB16-M16	16	M16x1.5	39.7	27	9.8
F8UPMTB16-M22	16	M22x1.5	33.3	27	9.4



Union Tee JPMTB

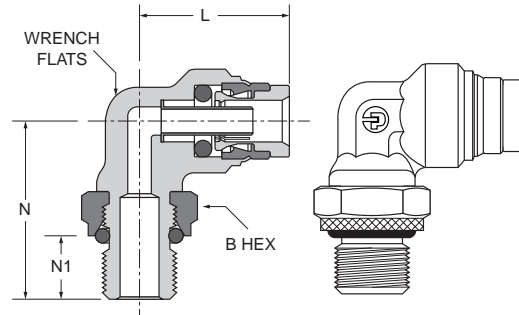
PART NO.	TUBE 1 (mm)	TUBE 2 (mm)	L (mm)	M (mm)	N (mm)
JPMTB6	6	6	51.3	25.6	26.7
JPMTB8	8	8	53.2	26.6	26.7
JPMTB12	12	12	63.4	31.7	35.0
JPMTB12-12-6	12	6	63.7	31.7	28.1
JPMTB12-12-8	12	8	63.7	31.7	32.9



Metric Prestomatic Air Brake Push-In Fittings

Male Elbow Metric Straight Thread C8UPMTB

PART NO.	TUBE SIZE (mm)	METRIC THREAD	WRENCH		L (mm)	N (mm)	N1 (mm)
			FLATS (mm)	B HEX (mm)			
C8UPMTB6-M10	6	M10x1	10	14	24.8	26.0	7.5
C8UPMTB6-M12	6	M12x1.5	10	17	24.8	28.2	9.5
C8UPMTB6-M16	6	M16x1.5	11	24	25.0	34.0	10.5
C8UPMTB6-M22	6	M22x1.5	16	30	28.1	41.4	12.5
C8UPMTB8-M12	8	M12x1.5	16	17	27.5	33.0	10.3
C8UPMTB8-M14	8	M14x1.5	16	19	26.7	33.5	10.5
C8UPMTB8-M16	8	M16x1.5	16	24	27.5	34.0	10.5
C8UPMTB8-M22	8	M22x1.5	19	30	32.0	40.4	12.5
C8UPMTB10-M12	10	M12x1.5	16	17	29.4	31.0	10.3
C8UPMTB10-M16	10	M16x1.5	19	24	30.3	33.5	10.5
C8UPMTB10-M22	10	M22x1.5	19	30	32.0	40.4	12.5
C8UPMTB12-M16	12	M16x1.5	16	24	32.5	35.6	10.5
C8UPMTB12-M22	12	M22x1.5	16	30	32.9	40.4	12.5
C8UPMTB16-M16	16	M16x1.5	19	24	30.6	36.4	10.5
C8UPMTB16-M22	16	M22x1.5	27	30	30.8	40.4	10.5



Male Branch Tee Swivel Metric Straight Thread S8UPMTB

PART NO.	TUBE SIZE (mm)	METRIC THREAD	WRENCH		L (mm)	N (mm)	N1 (mm)	FLOW DIA D.
			FLATS (mm)	HEX (mm)				
S8UPMTB8-16	8	M16x1.5	14	24	52.4	29.5	10.5	4.8
S8UPMTB12-16	12	M16x1.5	19	24	65.9	37.6	10.5	7.8
S8UPMTB12-22	12	M22x1.5	19	30	65.9	40.1	12.5	7.8
S8UPMTB16-22	16	M22x1.5	16	24	64.3	40.1	12.5	10.6

