

Prestomatic 2 Push-In Fittings

To meet **severe** and **demanding applications** such as pneumatic circuits in rail and road transportation, Prestomatic 2 fittings conform to the international standards offering **robustness**, **reliability** and **mechanical resistance**.

Product Advantages

Versatility	Extreme compactness for space-saving High robustness Excellent mechanical properties adapted to severe working conditions Integrated metallic tube support reinforces tube alignment and tube retention for: • excellent resistance to vibration • sealing ensured over time • increased resistance to tube removal Fully re-usable to reduce maintenance costs
High Performance	Positive hold by an innovative gripping ring design allowing absorption of vibration and pulsating pressure Twist-free assembly allowing free tube rotation even under pressure and high resistance to tube expansion Extreme temperature resistance: up to -50°C for increased lifespan
Reliability	100% leak-tested in production Date coding to guarantee quality and traceability Suitable with flexible tubing in braking system



Applications

- Air Braking Systems
- Air Suspension
- Chassis
- Engine Braking
- Gearbox
- Pantograph
- Motricity Control

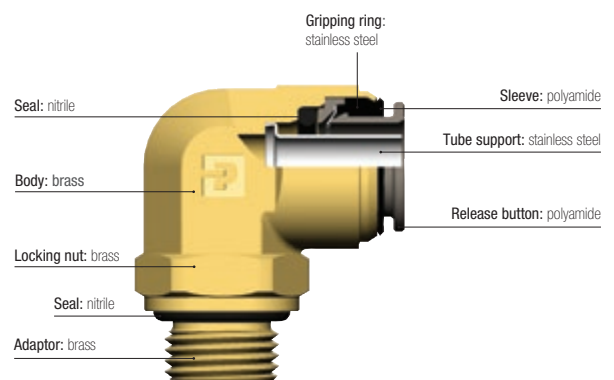
Technical Characteristics

Compatible Fluids	Compressed air
Working Pressure	25 bar
Working Temperature	-40°C to +100°C For lower temperature applications, please consult us

Tightening Torques (daN.m)	Threads				
	M10x1	M12x1.5	M14x1.5	M16x1.5	M22x1.5
	8 to 10	10 to 20	15 to 20	15 to 20	20 to 30

Male metric threads conform to DIN 3852-1, DIN 3852-3, ISO 4039-2 and ISO 6149-1 standards.

Component Materials



Silicone-free

Regulations

EN 45545-2: HL3, R22, R24, R25 classification can be attained when used with fireproof tubing

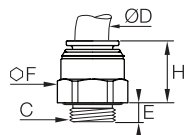
Fully adapted to transportation braking system applications with tubing:
 DIN 74324-1
 DIN 73378
 NF-R12-632-2

Stud Fittings

F8UNPMB

Stud Fitting, Male Metric Thread

Brass, NBR

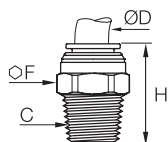


ØD	C		E	F	H	Kg
6	M10x1	F8UNPMB6M10	7	16	18.5	0.018
	M12x1.5	F8UNPMB6M12	7.5	17	16	0.017
	M16x1.5	F8UNPMB6M16	8	22	14.5	0.032
	M22x1.5	F8UNPMB6M22	8	27	13.5	0.053
8	M12x1.5	F8UNPMB8M12	7.5	17	19.5	0.021
	M14x1.5	F8UNPMB8M14	7.5	19	18	0.025
	M16x1.5	F8UNPMB8M16	8	22	15	0.030
	M22x1.5	F8UNPMB8M22	8	27	13.5	0.052
10	M12x1.5	F8UNPMB10M12	7.5	22	22.5	0.036
	M14x1.5	F8UNPMB10M14	7.5	22	22	0.036
	M16x1.5	F8UNPMB10M16	8	22	20.5	0.038
	M22x1.5	F8UNPMB10M22	8	27	14.5	0.049
12	M12x1.5	F8UNPMB12M12	7.5	22	22.5	0.035
	M16x1.5	F8UNPMB12M16	8	22	21	0.033
	M22x1.5	F8UNPMB12M22	8	27	17.5	0.052
16	M16x1.5	F8UNPMB16M16	8	27	22.5	0.063
	M22x1.5	F8UNPMB16M22	8	27	22.5	0.069

F2NPMB

Stud Fitting, Male NPT thread

Brass, NBR

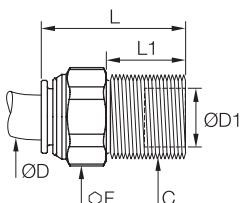


ØD	C		F	H	Kg
6	NPT1/8	F2NPMB6-1/8	16	25	0.015
	NPT1/4	F2NPMB6-1/4	16	25	0.020
	NPT3/8	F2NPMB6-3/8	19	27	0.037
8	NPT1/4	F2NPMB8-1/4	17	30	0.025
	NPT3/8	F2NPMB8-3/8	19	27	0.033
10	NPT1/4	F2NPMB10-1/4	22	35.5	0.044
	NPT1/2	F2NPMB10-1/2	22	34	0.066
12	NPT3/8	F2NPMB12-3/8	22	31	0.038
	NPT1/2	F2NPMB12-1/2	22	34	0.058

WEONPMB

Equal Mixed Bulkhead Adapter

Brass, NBR



ØD	ØD1	C		F	L	L1	Kg
8	8	M14x1.5	WEONPMB8-8L	19	36	21	0.033
	10	M16x1.5	WEONPMB8-10L	19	36	21	0.038
	12	M18x1.5	WEONPMB8-12L	22	34	21	0.046
12	12	M18x1.5	WEONPMB12-12L	22	37	21	0.046

Other Configurations Available on Request



Male Bulkhead



Male Run Tee



F Male Elbow



ISO 8434-1 Bulkhead Elbow



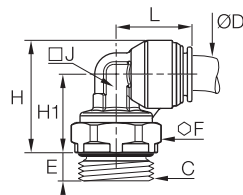
Male Run Tee Branch Test Point

Stud Fittings

C8UNPMB

90° Elbow, Male Metric Thread

Brass, NBR



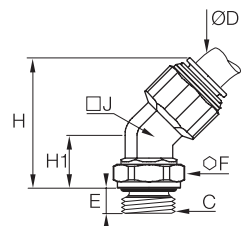
ØD	C		E	F	H	H1	J	L	Kg
6	M10x1	C8UNPMB6M10	7.5	14	24	16	10	22	0.032
	M12x1.5	C8UNPMB6M12	9	17	25.5	17	11	22	0.038
	M16x1.5	C8UNPMB6M16	9.5	22	30	20	13	23	0.062
	M22x1.5	C8UNPMB6M22	9.5	27	35	24	14	23	0.095
8	M12x1.5	C8UNPMB8M12	9	17	25.5	17	11	22	0.039
	M14x1.5	C8UNPMB8M14	9.5	19	26.5	18	11	22	0.046
	M16x1.5	C8UNPMB8M16	9.5	22	30	20	13	23	0.061
	M22x1.5	C8UNPMB8M22	9.5	27	35	24	14	23	0.092
10	M16x1.5	C8UNPMB10M16	9.5	22	30.5	20.5	13	25	0.063
	M22x1.5	C8UNPMB10M22	9.5	27	37	26	14	25	0.099
12	M12x1.5	C8UNPMB12M12	9	17	32	21	14	25	0.063
	M16x1.5	C8UNPMB12M16	9.5	22	33	22	14	25	0.072
16	M22x1.5	C8UNPMB12M22	9.5	27	37	26	14	25	0.095
	M16x1.5	C8UNPMB16M16	9.5	22	37	23.5	24	34	0.170
	M22x1.5	C8UNPMB16M22	9.5	27	39	25.5	24	34	0.174

The body can be locked in the desired orientation with the locknut.

V8UNPMB

45° Elbow, Male Metric Thread

Brass, NBR



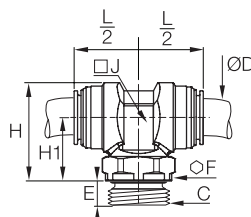
ØD	C		E	F	H	H1	J	Kg
8	M16x1.5	V8UNPMB8M16	9.5	22	38	17.5	14	0.063
10	M22x1.5	V8UNPMB10M22	9.5	27	44	21	14	0.085
12	M16x1.5	V8UNPMB12M16	9.5	22	44	17.5	14	0.074
	M22x1.5	V8UNPMB12M22	9.5	27	48	21	14	0.095
16	M22x1.5	V8UNPMB16M22	9.5	27	42	18	22	0.106

The body can be locked in the desired orientation with the locknut.

S8UNPMB

Stud Branch Tee, Male Metric Thread

Brass, NBR



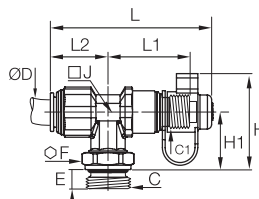
ØD	C		E	F	H	H1	J	L/2	Kg
8	M16x1.5	S8UNPMB8M16	9.5	22	39	27	14	24	0.097
	M22x1.5	S8UNPMB8M22	9.5	27	42	30.5	14	24	0.118
10	M16x1.5	S8UNPMB10M16	9.5	22	39	27	14	25.5	0.100
	M22x1.5	S8UNPMB10M22	9.5	27	42	30.5	14	25.5	0.118
12	M16x1.5	S8UNPMB12M16	9.5	22	39	27	14	27	0.110
	M22x1.5	S8UNPMB12M22	9.5	27	42	30.5	14	27	0.131
16	M22x1.5	S8UNPMB16M22	9.5	27	40	26	19	27	0.171

The body can be locked in the desired orientation with the locknut.

S8UNPMBPPAM

Stud Branch Tee, Male Metric Thread, In-Line Test Point

Brass, NBR



ØD	C	C1		E	F	H	H1	J	L	L1	L2	Kg
10	M16x1.5	M16x1.5	S8UNPMB10PPAM16	9.5	22	45	27	14	71	36	25	0.125
	M16x1.5	M16x1.5	S8UNPMB12PPAM16	9.5	22	45	27	14	75	38	27	0.133
12	M22x1.5	M16x1.5	S8UNPMB12PPAM22	9.5	27	48.5	30.5	14	75	38	27	0.154

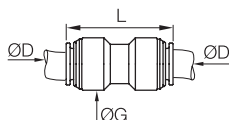
The body can be locked in the desired orientation with the locknut.

Tube-to-Tube Fittings

HNPMB

Equal Connector

Brass, NBR

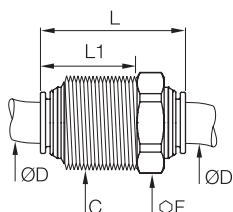


ØD		G	L	Kg
6	HNPMB6	16	37.5	0.024
8	HNPMB8	18	37	0.029
10	HNPMB10	20	41	0.036
12	HNPMB12	22	41	0.041
16	HNPMB16	27	41	0.078

WNPMB

Equal Bulkhead Connector

Brass, NBR

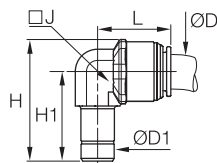


ØD	C		F	L	L1	Kg
6	M18x1.5	WNPMB6	22	39.5	26	0.056
8	M20x1.5	WNPMB8	22	39	26	0.061
10	M22x1.5	WNPMB10	24	43	28	0.076
12	M24x1.5	WNPMB12	27	44	29	0.091

T2ENPMB

Equal and Unequal 90° Plug-In Elbow

Brass, NBR

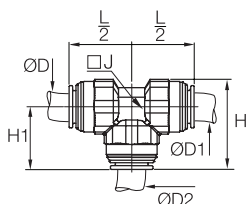


ØD	ØD1		H	H1	J	L	Kg
6	8	T2ENPMB6	36	27.5	10	21	0.025
8	8	T2ENPMB8	36	27.5	10	22	0.025
10	12	T2ENPMB10	44	32.5	14	25.5	0.049
12	12	T2ENPMB12	44	32.5	14	27	0.051

JNPMB

Equal and Unequal Tee

Brass, NBR



ØD	ØD1	ØD2		H	H1	J	L/2	Kg
6	6	6	JNPMB6	30	22	12	22	0.044
8	8	8	JNPMB8	31	23	12	23	0.050
		12	JNPMB8-8-12	37	25	14	23	0.077
10	10	10	JNPMB10	37	25.5	14	25.5	0.086
	6	10	JNPMB10-10-6	36	24	14	23	0.073
	10	6	JNPMB10-6-10	37	25.5	14	25.5	0.083
	12	12	JNPMB12	38	26.5	14	26.5	0.093
12	6	12	JNPMB12-12-6	35	24	14	26	0.086
	8	12	JNPMB12-12-8	35	24	14	26	0.085
16	16	16	JNPMB16	46	29	30	29	0.189