

Prestomatic 3 Push-In Fittings

In order to meet **severe** and **demanding** conditions of use in air circuits in rail and road transportation, this range of **lightweight** polyamide fittings offers **excellent technical performance** and respects the new environmental requirements.

Product Advantages

- Optimum Design** | Extreme compactness for space-saving
 Weight reduction over traditional airbrake fittings
 Integrated polymer tube support gives tube alignment and tube retention for:
- excellent resistance to vibration
 - sealing ensured over time
- Fully re-usable; reduces maintenance costs
- High Performance** | Positive hold by an innovative gripping ring design allowing absorption of vibration and pulsating pressure
 Excellent mechanical properties adapted to demanding working conditions
 UV-resistant polymer guarantees a long lifespan
 Twist-free assembly allowing free tube rotation even under pressure and high resistance to tube expansion
 Extreme temperature resistance for increased lifespan
- Reliability** | 100% leak-tested in production
 Date coding to guarantee quality and traceability
 Suitable with flexible tubing in braking system



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

Applications

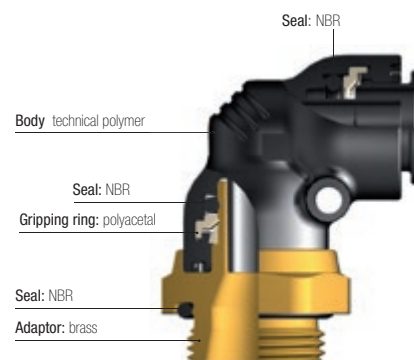
Technical Characteristics

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

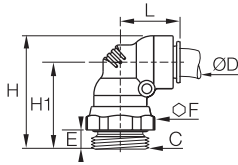
Fully adapted to transportation braking system applications with tubing conformed to:
 DIN 74324-1
 DIN 73378
 NF-R12-632-2

Prestomatic 3 Push-In Fittings

C68UNPMK

90° Elbow, Male Metric Thread

Technical polymer, brass, NBR



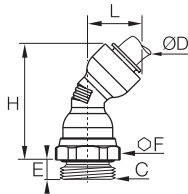
ØD	C		E	F	H	H1	L	Kg
8	M12x1.5	C68UNPMK8M12	7.5	17	40	31	20.5	0.024
	M14x1.5	C68UNPMK8M14	7.5	19	40	31	20.5	0.027
	M16x1.5	C68UNPMK8M16	8	22	41	32	20.5	0.034
	M22x1.5	C68UNPMK8M22	8	27	41	32	20.5	0.046
10	M12x1.5	C68UNPMK10M12	7.5	17	47	36	25	0.031
	M16x1.5	C68UNPMK10M16	8	22	47	37	25	0.043
12	M22x1.5	C68UNPMK10M22	8	27	48	38	25	0.062
	M12x1.5	C68UNPMK12M12	7.5	17	49	37.5	26	0.035
	M16x1.5	C68UNPMK12M16	8	22	50	38.5	26	0.047
16	M22x1.5	C68UNPMK12M22	8	27	50	37.5	26	0.058
	M16x1.5	C68UNPMK16M16	8	22	53	39.5	27	0.059
	M22x1.5	C68UNPMK16M22	8	27	53	39.5	27	0.070

The body swivels for positioning purposes.

V68UNPMK

45° Elbow, Male Metric Thread

Technical polymer, brass, NBR



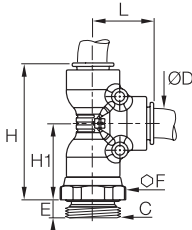
ØD	C		E	F	H	L	Kg
10	M22x1.5	V68UNPMK10M22	8	27	61	23	0.060
12	M16x1.5	V68UNPMK12M16	8	22	63	24.5	0.045
	M22x1.5	V68UNPMK12M22	8	27	62	24.5	0.057
16	M22x1.5	V68UNPMK16M22	8	27	66	27	0.071

The body swivels for positioning purposes.

R68UNPMK

Stud Run Tee, Male Metric Thread

Technical polymer, brass, NBR



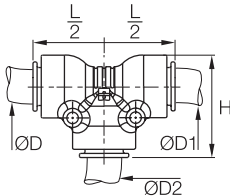
ØD	C		E	F	H	H1	L	Kg
8	M12x1.5	R68UNPMK8M12	7.5	17	51	31	20.5	0.028
12	M16x1.5	R68UNPMK12M16	8	22	64.5	38.5	26	0.053
16	M16x1.5	R68UNPMK16M16	8	22	68	39.5	27	0.067

The body swivels for positioning purposes.

JNPMK

Equal Tee

Technical polymer, NBR



ØD	ØD1	ØD2		H	L/2	Kg
8	8	8	JNPMK8	30	20.5	0.012
10	10	10	JNPMK10	35.5	25	0.019
12	12	12	JNPMK12	37.5	26	0.022
16	16	16	JNPMK16	41	27	0.028

Other Configurations Available on Request



F Male Elbow



90° Male Side Tee



Male Branch Tee



Male Branch Tee
In-Line Test Point



ISO 8434-1 Bulkhead Tee