Prestomatic Push-In Fittings

Based on more than 50 years of expertise in innovative fluid handling solutions, we offer Prestomatic brass and composite push-in fittings range for the installation of your pneumatic airbrake circuits.

Product Advantages

Simplification of Pneumatic System Installation

Our push-to-connect technology guarantees an easy-to-assemble and a fully re-usable product.

The excellent mechanical properties of our technical polymer offer significant weight reduction to your global system.

Increased lifespan thanks to the temperature resistance from -40°C to +100°C.

Compactness for space-saving.

Our many configurations enable the system to be designed using the optimum number of fittings.

Safety of your Installation

Positive tube retention by a flexible stainless steel gripping ring.

The special shape of the radial teeth of the gripping ring prevents longitudinal scratch marks on the tube.

The elasticity of the gripping ring absorbs vibration and pressure impulsing.

Twist-free assembly allowing free tube rotation even under pressure.

The encapsulated O-ring is tolerant of imperfect sealing surfaces and maintains a leak free connection even under high vibration conditions.

Even if a low assembly torque is required to obtain a leak free seal, the threads are resistant to over torqueing.

Our Prestomatic brass shaped fittings are designed to enable the fitting to be assembled to the desired position. This allows accurate alignment of the tube and reduces stress in the system.

Integrated tube support reinforces tube alignment and tube retention for:

- excellent resistance to vibration
- sealing ensured over time
- increased resistance to tube pull out

Quality and Traceability of our Products

Products 100% leak-tested in production.

Systematic Vision-control to guarantee robustness of the production process.

Individual component traceability with product date coding.

Only Premium quality raw materials used.

Technical Characteristics

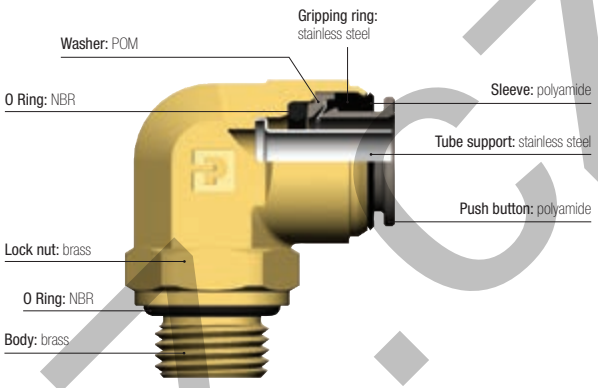
Prestomatic Brass

Compatible Fluids	Compressed air
Working Pressure	25 bar
Working Temperature	-40°C to +100°C

	Threads				
Tightening Torques **(daN.m)**	M10x1	M12x1.5	M14x1.5	M16x1.5	M22x1.5
	0.8 to 1	1 to 1.5	1.5 to 2	1.5 to 2	2 to 3

Metric threads are designed to fit ports conforming to ISO 9974-1, ISO 6149-1 and ISO 4039-2 standards

Component Materials



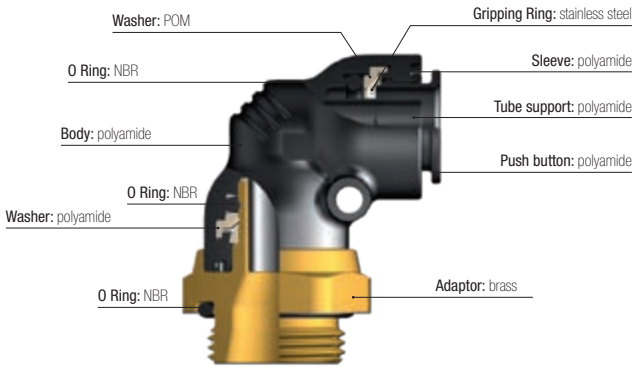
Prestomatic Composite

Compatible Fluids	Compressed air
Working Pressure	25 bar
Working Temperature	-40°C to +100°C

	Threads				
Tightening Torques **(daN.m)**	M10x1	M12x1.5	M14x1.5	M16x1.5	M22x1.5
	0.8 to 1	1 to 1.5	1.5 to 2	1.5 to 2	2 to 3

Metric threads are designed to fit ports conforming to ISO 9974-1, ISO 6149-1 and ISO 4039-2 standards

Component Materials



Regulations

Fully adapted to transportation braking system applications with tubing:
DIN 74324-1
DIN 73378
NF-R12-632-2
ISO 7628

Prestomatic Brass Push-In Fittings

F8UNPMB

Brass, NBR

ØD	C	
6x4	M10x1	F8UNPMB6M10BP
	M12x1.5	F8UNPMB6M12BP
	M16x1.5	F8UNPMB6M16BP
	M22x1.5	F8UNPMB6M22BP
8x6	M12x1.5	F8UNPMB8M12BP
	M14x1.5	F8UNPMB8M14BP
	M16x1.5	F8UNPMB8M16BP
	M22x1.5	F8UNPMB8M22BP
10x7.5	M12x1.5	F8UNPMB10M12BP
	M14x1.5	F8UNPMB10M14BP
	M16x1.5	F8UNPMB10M16BP
	M22x1.5	F8UNPMB10M22BP
12x9	M12x1.5	F8UNPMB12M12BP
	M16x1.5	F8UNPMB12M16BP
	M22x1.5	F8UNPMB12M22BP
16x12	M16x1.5	F8UNPMB16M16BP
	M22x1.5	F8UNPMB16M22BP

F2NPMB

Brass, NBR

ØD	C	
8x6	NPT1/4	F2NPMB8-1/4BP
	NPT3/8	F2NPMB8-3/8
10x7.5	NPT1/4	F2NPMB10-1/4BP
	NPT1/2	F2NPMB10-1/2BP
12x9	NPT3/8	F2NPMB12-3/8
	NPT1/2	F2NPMB12-1/2

Threads pre-coated for improved sealing.

WE0NPMB

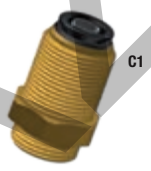
Brass, NBR

ØD	DIN	C	
8x6	8L	M14x1.5	WE0NPMB8-8LBP
12x9	12L	M18x1.5	WE0NPMB12-12LBP

Port design to ISO8434-1 for steel tube and hoses.

WF8UNPMB

Brass, NBR



ØD	C	C1	
10x7.5	M16x1.5	M24x1.5	WF8UNPMB10M16
	M22x1.5	M24x1.5	WF8UNPMB10M22BP
12x9	M16x1.5	M24x1.5	WF8UNPMB12M16BP
	M22x1.5	M24x1.5	WF8UNPMB12M22BP

C8UNPMB

Brass, NBR

ØD	C	
6x4	M10x1	C8UNPMB6M10BP
	M12x1.5	C8UNPMB6M12BP
	M16x1.5	C8UNPMB6M16BP
	M22x1.5	C8UNPMB6M22BP
8x6	M12x1.5	C8UNPMB8M12BP
	M14x1.5	C8UNPMB8M14
	M16x1.5	C8UNPMB8M16BP
	M22x1.5	C8UNPMB8M22BP
10x7.5	M12x1.5	C8UNPMB10M12BP
	M16x1.5	C8UNPMB10M16BP
	M22x1.5	C8UNPMB10M22BP
12x9	M12x1.5	C8UNPMB12M12BP
	M16x1.5	C8UNPMB12M16BP
	M22x1.5	C8UNPMB12M22BP
16x12	M16x1.5	C8UNPMB16M16BP
	M22x1.5	C8UNPMB16M22BP

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

V8UNPMB

Brass, NBR

ØD	C	
10x7.5	M22x1.5	V8UNPMB10M22BP
12x9	M16x1.5	V8UNPMB12M16BP
	M22x1.5	V8UNPMB12M22BP
16x12	M22x1.5	V8UNPMB16M22BP

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

CS8UNPMB

Brass, NBR

ØD	C	
10x7.5	M22x1.5	CS8UNPMB10M22
12x9	M16x1.5	CS8UNPMB12M16
	M22x1.5	CS8UNPMB12M22

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

Prestomatic Brass Push-In Fittings

S8UNPMB

Brass, NBR

ØD	C	
8x6	M16x1.5	S8UNPMB8M16BP
10x7.5	M16x1.5	S8UNPMB10M16BP
	M22x1.5	S8UNPMB10M22BP
12x9	M16x1.5	S8UNPMB12M16BP
	M22x1.5	S8UNPMB12M22BP

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

R8UNPMB

Brass, NBR

ØD	C	
8x6	M16x1.5	R8UNPMB8M16BP
12x9	M16x1.5	R8UNPMB12M16BP
	M22x1.5	R8UNPMB12M22BP

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

HNPMB

Brass, NBR

ØD	
6x4	HNPMB6BP
8x6	HNPMB8BP
10x7.5	HNPMB10BP
12x9	HNPMB12BP
16x12	HNPMB16

WNPMB

Brass, NBR

ØD	C	
6x4	M18x1.5	WNPMB6
8x6	M20x1.5	WNPMB8BP
10x7.5	M22x1.5	WNPMB10
12x9	M24x1.5	WNPMB12BP

T2ENPMB

Brass, NBR

ØD	ØD1	
6x4	8	T2ENPMB6
8x6	8	T2ENPMB8BP
12x9	12	T2ENPMB12BP

JNPMB

Brass, NBR

ØD	
6x4	JNPMB6BP
8x6	JNPMB8
10x7.5	JNPMB10BP
12x9	JNPMB12BP
16x12	JNPMB16

Other configurations available on request

Bulkhead Elbow - DIN2353

Branch Test Point Tee

Run Test Point Tee

Run Test Point Tee

Prestomatic Composite Push-In Fittings

C68UNPMK

Technical polymer, brass, NBR

ØD	C	
8x6	M12x1.5	C68UNPMK8M12
	M16x1.5	C68UNPMK8M16
	M22x1.5	C68UNPMK8M22
10x7.5	M12x1.5	C68UNPMK10M12BP
	M16x1.5	C68UNPMK10M16BP
	M22x1.5	C68UNPMK10M22BP
12x9	M12x1.5	C68UNPMK12M12
	M16x1.5	C68UNPMK12M16
	M22x1.5	C68UNPMK12M22BP
16x12	M22x1.5	C68UNPMK16M22

The body swivels for positioning purposes.

V68UNPMK

Technical polymer, brass, NBR

ØD	C	
12x9	M22x1.5	V68UNPMK12M22BP
16x12	M22x1.5	V68UNPMK16M22

The body swivels for positioning purposes.

Other configurations available on request.

CWEONPMK

Technical polymer, brass, NBR

DIN

ØD	DIN	C	
12x9	12L	M18x1.5	CWEONPMK12-12L

Port design ISO8434-1 for steel tube and hoses.

The body swivels for positioning purposes.

Other configurations available on request.

JNPMK

Technical polymer, NBR

ØD	
8x6	JNPMK8
10x7.5	JNPMK10BP
12x9	JNPMK12BP
16x12	JNPMK16

R68UNPMK

Technical polymer, brass, NBR

ØD	C	
8x6	M12x1.5	R68UNPMK8M12
12x9	M16x1.5	R68UNPMK12M16
	M22x1.5	R68UNPMK12M22
16x12	M16x1.5	R68UNPMK16M16

The body swivels for positioning purposes.

Other configurations available on request.

S68UNPMK

Technical polymer, brass, NBR

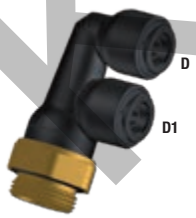
ØD	C	
8x6	M12x1.5	S68UNPMK8M12
	M22x1.5	S68UNPMK8M22
12x9	M16x1.5	S68UNPMK12M16
	M22x1.5	S68UNPMK12M22
16x12	M22x1.5	S68UNPMK16M22

The body swivels for positioning purposes.

Other configurations available on request.

CS68UNPMK

Technical polymer, brass, NBR



D

D1

ØD	ØD1	C	
12x9	8x6	M22x1.5	CS68K12-8M22
	10x7.5	M16x1.5	CS68K12-10M16
	10x7.5	M22x1.5	CS68K12-10M22BP

The body swivels for positioning purposes.

Other configurations available on request.

Prestomatic Composite Push-In Fittings

R68KPPA

Technical polymer, brass, NBR	ØD	C	
	12x9	M16x1.5	R68K12M16PPA

The body swivels for positioning purposes.

Test Point thread = M16x1.5

Other configurations available on request.

S68KPPAM

Technical polymer, brass, NBR	ØD	C	
	12x9	M16x1.5	S68K12PPAM16
		M22x1.5	S68K12PPAM22

The body swivels for positioning purposes.

Test Point thread = M16x1.5

Other configurations available on request.

Other configurations available on request

90° Male Side Tee

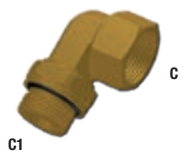
Bulkhead Tee - DIN2353

90° Test Point Side Tee

Air Brake Adaptors and Accessories

D8C8UB

Brass, NBR



C	C1	
M16x1.5	M16x1.5	M16M16D8C8UB
	M22x1.5	M16M22D8C8UB
M22x1.5	M22x1.5	M22D8C8UB

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

D8V8UB

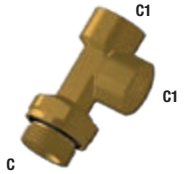
Brass, NBR

C	
M16x1.5	M16M16D8V8UB

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

MR08UB

Brass, NBR

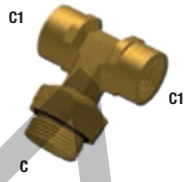


C	C1	
M12x1.5	M12x1.5	M12MR08UB
M16x1.5	M16x1.5	M16MR08UB
M22x1.5	M16x1.5	M16M22M16MR08UB
	M22x1.5	M22MR08UB

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

MMS8UB

Brass, NBR

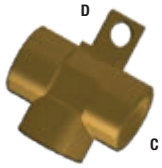


C	C1	
M16x1.5	M16x1.5	M16MMS8UB
M22x1.5	M16x1.5	M16M16M22MMS8UB

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

MM08BKT

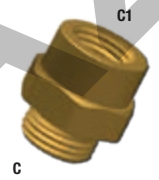
Brass



ØD	C	
8	M16x1.5	M16MM08BKT

F8UG8B

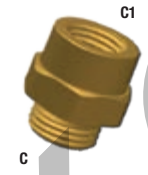
Brass, NBR



C	C1	
M16x1.5	M12x1.5	M16M12F8UG8B
M22x1.5	M16x1.5	M22M16F8UG8B

F8UGB

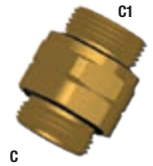
Brass, NBR



C	C1	
M16x1.5	NPT 1/4	M16-1/4F8UGB
M22x1.5	NPT 3/8	M22-3/8F8UGB

F8UHA8UB

Brass, NBR

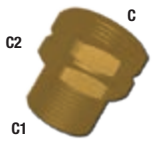


C	C1	
M16x1.5	M22x1.5	M16M22F8UHA8UB
M22x1.5	M22x1.5	M22F8UHA8UB

Air Brake Adaptors and Accessories

WGG88B

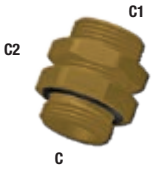
Brass



C	C1	C2	
M16x1.5	M16x1.5	M22x1.5	M16WGG88BH27
M22x1.5	M16x1.5	M26x1.5	M22M16WGG88B

WG8F8UB

Brass, NBR



C	C1	C2	
M16x1.5	M16x1.5	M22x1.5	M16WG8F8UB
M22x1.5	M16x1.5	M22x1.5	M16M22WG8F8UB

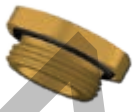
PPRF8UM

Brass, NBR

C	C1	
M16x1.5	M16x1.5	PPRF8UM16
M22x1.5	M16x1.5	PPRF8UM22

P8UNBL

Brass, NBR



C	
M12x1.5	M12P8UNBL
M16x1.5	M16P8UNBL
M22x1.5	M22P8UNBL13

VDPF8UM

Brass, NBR

C	
M22x1.5	VDPF8UM22L13

3126

Technical polymer

ØD	
6	3126 06 00
8	3126 08 00
10	3126 10 00
12	3126 12 00

WLNB

Brass

C	
M18x1.5	WL8NBM18X1.5
M20x1.5	WL8NBM20X1.5
M22x1.5	WL8NBM22X1.5
M24x1.5	WL8NBM24X1.5