

BRASS PUSH-IN FITTINGS



Uses

- This is a one-touch type pipe connector to be used for pneumatic piping.

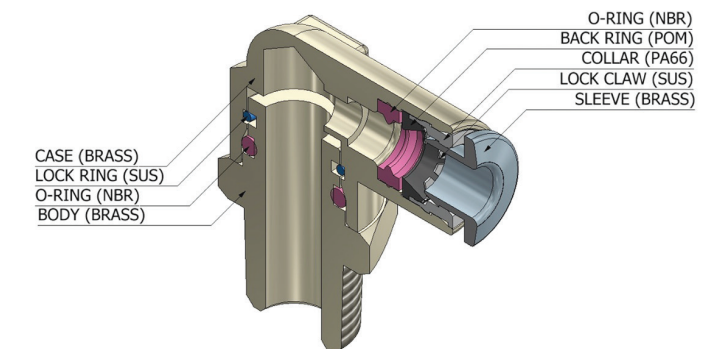
Features

- Easily applicable as a high-specification fitting.
- A compact type that can be mounted in a small space.
- Possible to use a variety of tubes according to use circumstances.

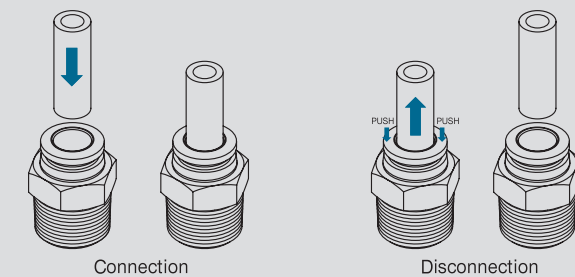
Specifications

Operating pressure	applicable to 0 to 16 Bar.
Operating temperature range	-20°C to +80°C
Material of tube used	PU, PA

Structural drawing



Example of uses



CAUTIONS

- Assemble the tube after removing foreign substances such as dust.
- When using fitting products, ensure beforehand that the outside diameter of the tube falls within the allowable range of the tolerance table.

WARNINGS

- Do not use for fluids other than air. When using for other fluids or gases, please contact CDC Pneumatic Technical Department.
- Be careful of pressure increases due to twisting, pulling, bending, etc.
- Do not use in places with welding flames present.
- Not applicable where rapid rotation and vibration may cause product damage and air leakage. Please refer to our catalog to select the correct product.
- Do not use in environments where cutting oil, lubricant, coolant, etc. may come in direct contact.

Product Code System

METRIC - BSPT(R)

BPC 06-01

BRASS PUSH-IN FITTINGS	TUBE DIA		THREAD SIZE	
	CODE	SIZE	CODE	SIZE
	04	Ø4	01	R 1/8
	06	Ø6	02	R 1/4
	08	Ø8	03	R 3/8
	10	Ø10	04	R 1/2
	12	Ø12		

METRIC - BSPP(G)

BPC 06-G01

BRASS PUSH-IN FITTINGS	TUBE DIA		THREAD SIZE	
	CODE	SIZE	G(PF) THREAD	SIZE
	04	Ø4	G01	G 1/8
	06	Ø6	G02	G 1/4
	08	Ø8	G03	G 3/8
	10	Ø10	G04	G 1/2
	12	Ø12		

INCH - NPT

BPC-1/4-N1

BRASS PUSH-IN FITTINGS	TUBE DIA		THREAD SIZE	
	CODE	SIZE	UNF THREAD	SIZE
	5/32	Ø 5/32	U	10-32UNF
	3/16	Ø 3/16	NPT THREAD	
	1/4	Ø 1/4	CODE	SIZE
	5/16	Ø 5/16	N1	NPT 1/8
	3/8	Ø 3/8	N2	NPT 1/4
	1/2	Ø 1/2	N3	NPT 3/8
			N4	NPT 1/2

BPC

Male Connector



T

BPC-G

Male Connector



T

MODEL(φD-T)

Tube Metric -Thread R		Tube Inch -Thread NPT		Tube Metric -Thread G	
BPC 04-R01	BPC 10-R02	BPC 5/32 -U	BPC 5/16 -N03	BPC 04-M5	BPC 08-G03
BPC 04-R02	BPC 10-R03	BPC 5/32 -N01	BPC 3/8 -N01	BPC 04-G01	BPC 10-G02
BPC 06-R01	BPC 10-R04	BPC 5/32 -N02	BPC 3/8 -N02	BPC 04-G02	BPC 10-G03
BPC 06-R02	BPC 12-R02	BPC 1/4 - U	BPC 3/8 -N03	BPC 06-M5	BPC 10-G04
BPC 08-R01	BPC 12-R03	BPC 1/4 - N01	BPC 3/8 -N04	BPC 06-G01	BPC 12-G02
BPC 08-R02	BPC 12-R04	BPC 1/4 - N02	BPC 1/2 -N02	BPC 06-G02	BPC 12-G03
BPC 08-R03		BPC 5/16 -N01	BPC 1/2 -N03	BPC 08-G01	BPC 12-G04
		BPC 5/16 -N02	BPC 1/2 -N04	BPC 08-G02	

BPL

Male Elbow



T

φD

BPL-G

Male Elbow



φD

T

MODEL(φD-T)

Tube Metric -Thread R		Tube Inch -Thread NPT		Tube Metric -Thread G	
BPL 04-R01	BPL 10-R02	BPL 5/32 -U	BPL 3/8 -N01	BPL 04-M5	BPL 08-G03
BPL 04-R02	BPL 10-R03	BPL 5/32 -N01	BPL 3/8 -N02	BPL 04-G01	BPL 10-G02
BPL 06-R01	BPL 10-R04	BPL 5/32 -N02	BPL 3/8 -N03	BPL 04-G02	BPL 10-G03
BPL 06-R02	BPL 12-R02	BPL 1/4 - N01	BPL 3/8 -N04	BPL 06-M5	BPL 10-G04
BPL 08-R01	BPL 12-R03	BPL 1/4 - N02	BPL 1/2 -N02	BPL 06-G01	BPL 12-G02
BPL 08-R02	BPL 12-R04	BPL 5/16 -N01	BPL 1/2 -N03	BPL 06-G02	BPL 12-G03
BPL 08-R03		BPL 5/16 -N02	BPL 1/2 -N04	BPL 08-G01	BPL 12-G04
		BPL 5/16 -N03		BPL 08-G02	

BPT

Male Branch Tee



φD

T

φD

BPT-G

Male Branch Tee



φD

T

MODEL(φD-T)

Tube Metric -Thread R		Tube Inch -Thread NPT		Tube Metric -Thread G	
BPT 04-R01	BPT 10-R02	BPT 5/32 -N01	BPT 3/8 -N02	BPT 04-M5	BPT 08-G03
BPT 04-R02	BPT 10-R03	BPT 5/32 -N02	BPT 3/8 -N03	BPT 04-G01	BPT 10-G02
BPT 06-R01	BPT 10-R04	BPT 1/4 - N01	BPT 1/2 -N02	BPT 04-G02	BPT 10-G03
BPT 06-R02	BPT 12-R02	BPT 1/4 - N02	BPT 1/2 -N03	BPT 06-M5	BPT 10-G04
BPT 08-R01	BPT 12-R03	BPT 5/16 -N01		BPT 06-G01	BPT 12-G02
BPT 08-R02	BPT 12-R04	BPT 5/16 -N02		BPT 06-G02	BPT 12-G03
BPT 08-R03				BPT 08-G01	BPT 12-G04
				BPT 08-G02	

BUC

Union Connector



φD

φD

MODEL(φD1-φD2)

Tube Metric	Tube Inch
BUC 04	BUC 1/4 -1/4
BUC 06	BUC 3/8 -3/8
BUC 08	BUC 1/2 -1/2
BUC 10	
BUC 12	

BUL

Union Elbow



φD

φD

MODEL(φD1-φD2)

Tube Metric	Tube Inch
BUL 04	BUL 1/4 -1/4
BUL 06	BUL 3/8 -3/8
BUL 08	BUL 1/2 -1/2
BUL 10	
BUL 12	

BUT

Union Tee



φD

φD

MODEL(φD1-φD2)

Tube Metric	Tube Inch
BUT 04	BUT 1/4 -1/4
BUT 06	BUT 3/8 -3/8
BUT 08	BUT 1/2 -1/2
BUT 10	
BUT 12	