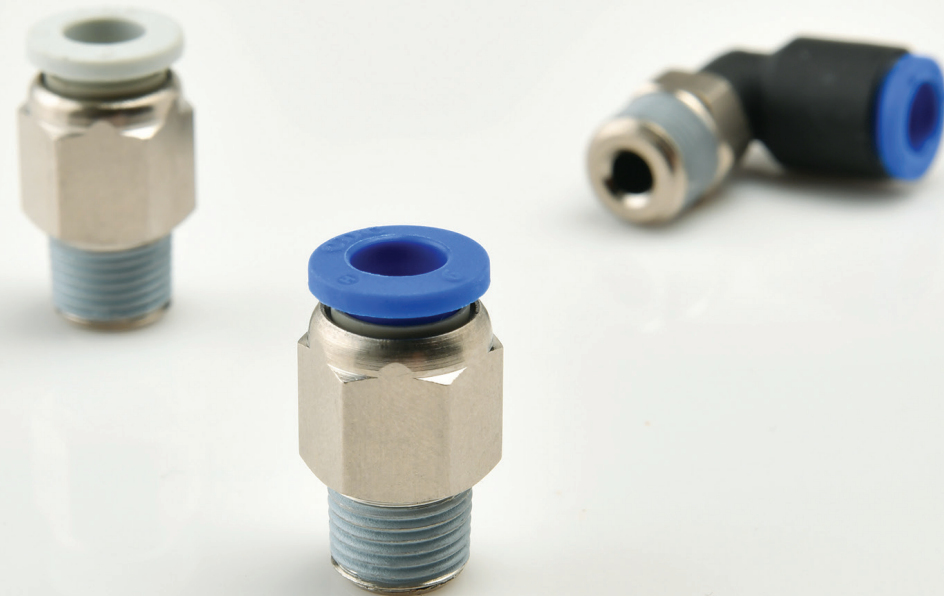


ONE-TOUCH FITTINGS



Product Code System

METRIC - BSPT(R)

PC 06-01-N

ONETOUGH
FITTING

TUBE DIA	
CODE	SIZE
04	Ø4
06	Ø6
08	Ø8
10	Ø10
12	Ø12
14	Ø14
16	Ø16

THREAD SIZE	
CODE	SIZE
M5	M5×0.8
M6	M6×1.0
M12	M12×1.5
M14	M14×1.5
M16	M16×1.5
M22	M22×1.5

PLATING

Nickel

R(PT) THREAD

CODE	SIZE
01	R $\frac{1}{8}$
02	R $\frac{1}{4}$
03	R $\frac{3}{8}$
04	R $\frac{1}{2}$

METRIC - BSPP(G)

PC 06-G01

ONETOUGH FITTING

TUBE DIA

THREAD SIZE

CODE	SIZE	G(PF)	THREAD
04	Ø4	G01	G 1/8
06	Ø6	G01	G 1/8
08	Ø8	G02	G 1/4
10	Ø10	G03	G 3/8
12	Ø12	G04	G 1/2
14	Ø14		
16	Ø16		

INCH - BSPT(R)

PC- 1/4 -01

ONETOUGH FITTING

TUBE DIA

THREAD SIZE

CODE	SIZE	R(PT) THREAD	CODE	SIZE
1/32	Ø 1/32	G01	R 1/8	
1/16	Ø 1/16	G02	R 1/4	
1/8	Ø 1/8	G03	R 3/8	
3/16	Ø 3/16	G04	R 1/2	
1/2	Ø 1/2			

INCH - NPT

PC- 1/4 -N1

ONETOUGH FITTING

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

Uses

- One-touch joints used in pneumatic piping
- Used for various environments to meet all needs

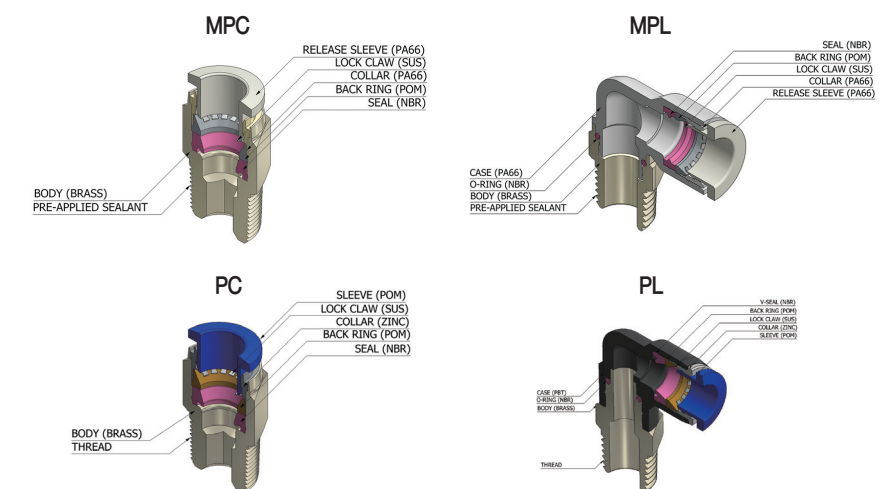
Features

- Easy Installation and disconnection by one touch
- PC type is effective for piping in narrow spaces as the inner and outer sides are hexagonal
- PL and PT types have a rotating structure, thus, efficient for piping
- It is easily disconnected by pushing the tube without tools

Specifications

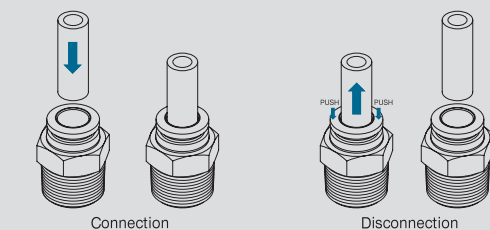
Fluid type	Air(No other gases or liquids)
Working pressure	0~150PSI / 0~9.9kgf/cm ² (0~990kPa) ※ In combination with the applied tube, it is based on the maximum operating pressure of the tube.
Negative pressure	-29.5 in Hg / -750mmHg(-750Torr)
Working temperature	32~140° F / 0~60°C
Applicable Tube	Polyurethane and Nylon

Structural drawing



Example of uses

- Use a hexagonal wrench or spanner to tighten internal and external hexagonal part
- PL and PT type are flexible for directional tube laying given its revolving construction of body
- Sleeve is circular, thus, no interference with equipment



CAUTIONS

- Be sure to read "Caution", "Warning", "Common Safety Instructions"(pp. 25) and precautions of using fitting products before use.
- Make sure to check "Recommended Tightening Torque"(pp.26)
- It is recommended to rotate the fitting 2-3 times using a tool after tightening by hand. Screws will break if it pushes too hard.
- Make sure that the cut end surface of the tube is a right angle without a scratch on the surface and deformations. Pull the tube lightly to check the complete installation.
- Avoid piping under the condition of tension and abruptly curved piping before the tube insertion

WARNINGS

- Avoid twisting or hitting the body of fitting when assembling. It may cause damage or air leakage.
- Make sure to check specifications before using fluid. It may cause damage or air leakage

PAT(2)

Double Branch A



MODEL(φD-T)

Tube Metric -Thread R			Tube Metric -Thread G		
PAT 04-01(2)	PAT 06-04(2)	PAT 10-03(2)	PAT 04-G01(2)	PAT 06-G04(2)	PAT 10-G03(2)
PAT 04-02(2)	PAT 08-01(2)	PAT 10-04(2)	PAT 04-G02(2)	PAT 08-G01(2)	PAT 10-G04(2)
PAT 04-03(2)	PAT 08-02(2)	PAT 12-02(2)	PAT 04-G03(2)	PAT 08-G02(2)	PAT 12-G02(2)
PAT 04-04(2)	PAT 08-03(2)	PAT 12-03(2)	PAT 04-G04(2)	PAT 08-G03(2)	PAT 12-G03(2)
PAT 06-01(2)	PAT 08-04(2)	PAT 12-04(2)	PAT 06-G01(2)	PAT 08-G04(2)	PAT 12-G04(2)
PAT 06-02(2)	PAT 10-01(2)		PAT 06-G02(2)	PAT 10-G01(2)	
PAT 06-03(2)	PAT 10-02(2)		PAT 06-G03(2)	PAT 10-G02(2)	

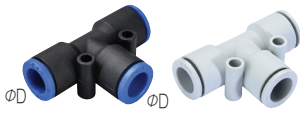
PAT-G(2)

Double Branch A



MPUT

Union Tee



MODEL(φD)

Tube Metric	Tube Inch
MPUT 04	PUT 5/32
MPUT 06	PUT 3/16
MPUT 08	PUT 1/4
MPUT 10	PUT 5/16
MPUT 12	PUT 3/8
MPUT 14	PUT 1/2
MPUT 16	

MPY

Union Y



MODEL(φD)

Tube Metric	Tube Inch
MPY 04	PY 5/32
MPY 06	PY 3/16
MPY 08	PY 1/4
MPY 10	PY 5/16
MPY 12	PY 3/8
MPY 16	PY 1/2

MPW

Reducer Y



MODEL(φD1-φD2)

Tube Metric	Tube Inch
MPW 0604	PW 3/16 - 5/32
MPW 0804	PW 1/4 - 5/32
MPW 0806	PW 1/4 - 3/16
MPW 1006	PW 5/16 - 5/32
MPW 1008	PW 5/16 - 1/4
MPW 1208	PW 3/8 - 1/4
MPW 1210	PW 3/8 - 5/16
MPW 1612	PW 1/2 - 5/16
	PW 1/2 - 3/8

PAT(3)

Triple Branch A



MODEL(φD-T)

Tube Metric -Thread R			Tube Metric -Thread G		
PAT 04-01(3)	PAT 06-04(3)	PAT 10-03(3)	PAT 04-G01(3)	PAT 06-G04(3)	PAT 10-G03(3)
PAT 04-02(3)	PAT 08-01(3)	PAT 10-04(3)	PAT 04-G02(3)	PAT 08-G01(3)	PAT 10-G04(3)
PAT 04-03(3)	PAT 08-02(3)	PAT 12-02(3)	PAT 04-G03(3)	PAT 08-G02(3)	PAT 12-G02(3)
PAT 04-04(3)	PAT 08-03(3)	PAT 12-03(3)	PAT 04-G04(3)	PAT 08-G03(3)	PAT 12-G03(3)
PAT 06-01(3)	PAT 08-04(3)	PAT 12-04(3)	PAT 06-G01(3)	PAT 08-G04(3)	PAT 12-G04(3)
PAT 06-02(3)	PAT 10-01(3)		PAT 06-G02(3)	PAT 10-G01(3)	
PAT 06-03(3)	PAT 10-02(3)		PAT 06-G03(3)	PAT 10-G02(3)	

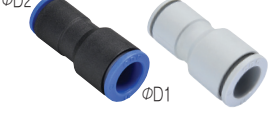
PAT-G(3)

Triple Branch A



MPG

Reducer



MODEL(φD1-φD2)

Tube Metric	Tube Inch
MPG 0604	PG 3/16 - 5/32
MPG 0804	PG 1/4 - 5/32
MPG 0806	PG 1/4 - 3/16
MPG 1006	PG 5/16 - 5/32
MPG 1008	PG 5/16 - 1/4
MPG 1208	PG 3/8 - 1/4
MPG 1210	PG 3/8 - 5/16
MPG 1412	PG 1/2 - 3/8
MPG 1612	

PGT

Reducer Tee



MODEL(φD1-φD2)

Tube Metric	Tube Inch
PGT 0604	PGT 1/4 - 5/32
PGT 0804	PGT 5/16 - 1/4
PGT 0806	PGT 3/8 - 1/4
PGT 1006	PGT 3/8 - 5/16
PGT 1008	PGT 1/2 - 3/8
PGT 1208	
PGT 1210	
PGT 1610	
PGT 1612	

PGT

Expander Tee



MODEL(φD1-φD2)

Tube Metric	Tube Inch
PGT 0406	PGT 5/32 - 1/4
PGT 0608	PGT 1/4 - 5/16
PGT 0810	PGT 5/16 - 3/8
PGT 1012	PGT 3/8 - 1/2

MPUC

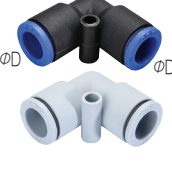
Union Straight



MODEL(φD)

Tube Metric	Tube Inch
MPUC 04	PUC 5/32
MPUC 06	PUC 3/16
MPUC 08	PUC 1/4
MPUC 10	PUC 5/16
MPUC 12	PUC 3/8
MPUC 14	PUC 1/2
MPUC 16	

MPUL



MODEL(φD)

Tube Metric	Tube Inch
MPUL 04	PUL 5/32
MPUL 06	PUL 3/16
MPUL 08	PUL 1/4
MPUL 10	PUL 5/16
MPUL 12	PUL 3/8
	PUL 1/2

MPLJ

Plug-In Elbow



MODEL(φD)

Tube Metric	Tube Inch
MPLJ 04	PLJ 5/32
MPLJ 06	PLJ 3/16
MPLJ 08	PLJ 1/4
MPLJ 10	PLJ 5/16
MPLJ 12	PLJ 3/8
MPLJ 16	PLJ 1/2
MPLJ 0604	PLJ 1/2 - 1/4
MPLJ 0806	PLJ 1/4 - 5/32
MPLJ 1008	PLJ 5/16 - 1/4
MPLJ 1210	PLJ 3/8 - 1/4
	PLJ 3/8 - 5/16

PGJ

Plug-In Reducer



MODEL(φD1-φD2)

Tube Metric	Tube Inch
PGJ 0406	PGJ 1/8 - 1/4
PGJ 0604	PGJ 5/32 - 1/4
PGJ 0608	PGJ 5/16 - 5/32
PGJ 0804	PGJ 5/16 - 1/4
PGJ 0806	PGJ 3/8 - 5/32
PGJ 1006	PGJ 3/8 - 1/4
PGJ 1008	PGJ 3/8 - 5/16
PGJ 1206	PGJ 1/2 - 1/4
PGJ 1208	PGJ 1/2 - 5/16
PGJ 1210	PGJ 1/2 - 3/8
PGJ 1216	
PGJ 1612	

PYJ

Plug-In Y



MODEL(φD)

Tube Metric	Tube Inch
PYJ 04	PYJ 5/32
PYJ 06	PYJ 3/16
PYJ 08	PYJ 1/4
PYJ 10	PYJ 5/16
PYJ 12	PYJ 3/8
	PYJ 1/2