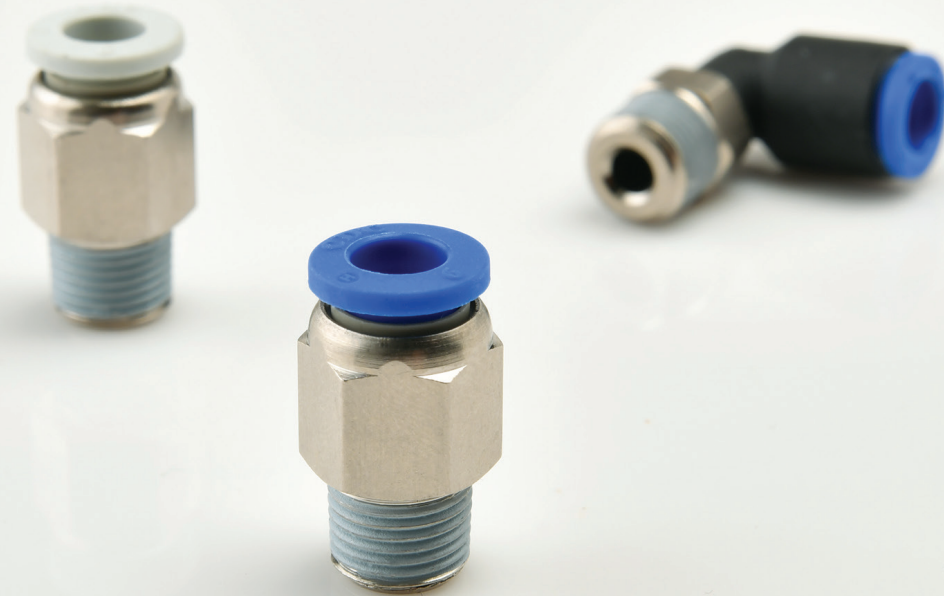


ONE-TOUCH FITTINGS



Product Code System

METRIC - BSPT(R)

PC 06-01-N

ONETOUGH
FITTING

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

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

R(PT) THREAD

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

PLATING
Nickel

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
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	
3/32	Ø 3/32	CODE	SIZE
3/16	Ø 3/16	U	10-32UNF
1/4	Ø 1/4	NPT THREAD	
5/16	Ø 5/16	CODE	SIZE
3/8	Ø 3/8	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

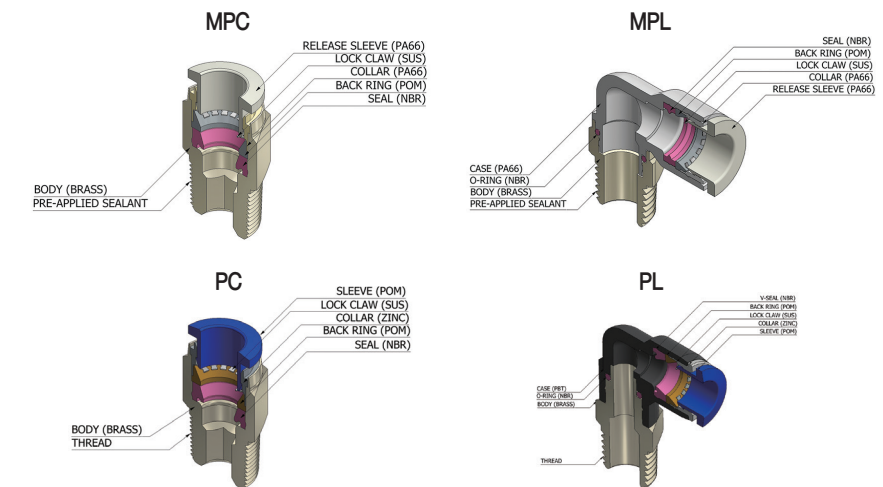
Features

- 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

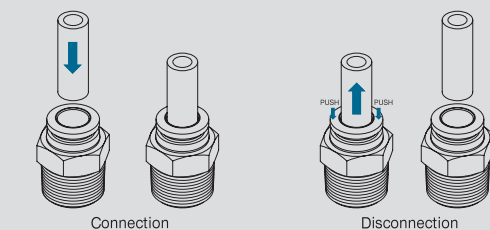
Fluid type	Air(No other gases or liquids)
Working pressure	0~150PSI / 0~9.9kgf/cm ² (0~990kPa) ※ In combination with the applied tube, it is based on the maximum operating pressure of the tube.
Negative pressure	-29.5 in Hg / -750mmHg(-750Torr)
Working temperature	32~140° F / 0~60°C
Applicable Tube	Polyurethane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

MPC

Male Straight



MPC-G

Male Straight



MODEL(φD-T)							
Tube Metric -Thread R		Tube Inch -Thread R		Tube Inch -Thread NPT		Tube Metric -Thread M	
MPC 04M5	MPC 0804	PC 1/4 -01	PC 5/32 -U	PC 5/16 -N01	PC 06-M12	MPC 04G01	MPC 08G04
MPC 04M6	MPC 1001	PC 1/4 -02	PC 5/32 -N01	PC 5/16 -N02	PC 06-M16	MPC 04G02	MPC 10G01
MPC 0401	MPC 1002	PC 1/4 -03	PC 5/32 -N02	PC 5/16 -N03	PC 06-M22	MPC 04G03	MPC 10G02
MPC 0402	MPC 1003	PC 1/4 -04	PC 5/32 -N03	PC 5/16 -N04	PC 08-M12	MPC 06G01	MPC 10G03
MPC 0403	MPC 1004	PC 5/16 -01	PC 3/16 -U	PC 3/8 -N01	PC 08-M16	MPC 06G02	MPC 10G04
MPC 06M5	MPC 1201	PC 5/16 -02	PC 3/16 -N01	PC 3/8 -N02	PC 08-M22	MPC 06G03	MPC 12G02
MPC 06M6	MPC 1202	PC 5/16 -03	PC 3/16 -N02	PC 3/8 -N03	PC 10-M12	MPC 08G01	MPC 12G03
MPC 0601	MPC 1203	PC 3/8 -01	PC 3/16 -N03	PC 3/8 -N04	PC 10-M14	MPC 08G02	MPC 12G04
MPC 0602	MPC 1204	PC 3/8 -02	PC 1/4 -U	PC 1/2 -N01	PC 10-M16	MPC 08G03	
MPC 0603	MPC 1403	PC 3/8 -03	PC 1/4 -N01	PC 1/2 -N02	PC 10-M22		
MPC 0604	MPC 1404	PC 3/8 -04	PC 1/4 -N02	PC 1/2 -N03	PC 12-M12		
MPC 0801	MPC 1603	PC 1/2 -02	PC 1/4 -N03	PC 1/2 -N04	PC 12-M14		
MPC 0802	MPC 1604	PC 1/2 -03	PC 1/4 -N04		PC 12-M16		
MPC 0803		PC 1/2 -04			PC 12-M22		

MPCF

Female Straight



MPCF-G

Female Straight



MODEL(φD-T)						
Tube Metric -Thread Rc		Tube Inch -Thread Rc		Tube Inch -Thread NPT		Tube Metric -Thread G
MPCF 04-M5	MPCF 08-03	PCF 1/4 - 01	PCF 5/32 -N01	PCF 5/16 -N03	MPCF 04-G01	MPCF 08-G04
MPCF 06-M5	MPCF 08-04	PCF 1/4 - 02	PCF 5/32 -N02	PCF 5/16 -N04	MPCF 04-G02	MPCF 10-G01
MPCF 04-01	MPCF 10-01	PCF 5/16 -01	PCF 3/16 -N01	PCF 3/8 -N01	MPCF 04-G03	MPCF 10-G02
MPCF 04-02	MPCF 10-02	PCF 5/16 -02	PCF 3/16 -N02	PCF 3/8 -N02	MPCF 06-G01	MPCF 10-G03
MPCF 04-03	MPCF 10-03	PCF 3/8 -02	PCF 1/4 -N01	PCF 3/8 -N03	MPCF 06-G02	MPCF 10-G04
MPCF 06-01	MPCF 10-04	PCF 3/8 -03	PCF 1/4 -N02	PCF 3/8 -N04	MPCF 06-G03	MPCF 12-G02
MPCF 06-02	MPCF 12-02	PCF 1/2 -02	PCF 1/4 -N03	PCF 1/2 -N02	MPCF 08-G01	MPCF 12-G03
MPCF 06-03	MPCF 12-03		PCF 5/16 -N01	PCF 1/2 -N03	MPCF 08-G02	MPCF 12-G04
MPCF 06-04	MPCF 12-04		PCF 5/16 -N02	PCF 1/2 -N04	MPCF 08-G03	
MPCF 08-01	MPCF 16-03					
MPCF 08-02	MPCF 16-04					

MPOC

Round Male Straight



MODEL(φD-T)						
Tube Metric -Thread R			Tube Inch -Thread R		Tube Inch -Thread NPT	
MPOC 04-M5	MPOC 06-02	MPOC 10-03	POC 1/4 -01	POC 5/32-U	POC 1/4 -N01	POC 3/8 -N03
MPOC 04-M6	MPOC 06-03	MPOC 10-04	POC 1/4 -02	POC 5/32 -N01	POC 1/4 -N02	POC 3/8 -N04
MPOC 04-01	MPOC 08-01	MPOC 12-01	POC 5/16 -01	POC 5/32 -N02	POC 5/16 -N01	POC 1/2 -N02
MPOC 04-02	MPOC 08-02	MPOC 12-02	POC 5/16 -02	POC 3/16 -U	POC 5/16 -N02	POC 1/2 -N03
MPOC 04-03	MPOC 08-03	MPOC 12-03	POC 3/8 -02	POC 3/16 -N01	POC 5/16 -N03	POC 1/2 -N04
MPOC 06-M5	MPOC 08-04	MPOC 12-04	POC 3/8 -03	POC 3/16 -N02	POC 3/8 -N01	
MPOC 06-M6	MPOC 10-01			POC 1/4 -U	POC 3/8 -N02	
MPOC 06-01	MPOC 10-02					

MPMM

Bulkhead Union



MODEL(φD)	
Tube Metric	Tube Inch
MPMM 04	PMM 5/32
MPMM 06	PMM 3/16
MPMM 08	PMM 1/4
MPMM 10	PMM 5/16
MPMM 12	PMM 3/8
MPMM 16	PMM 1/2

PMP

Plastic Bulkhead Union



MODEL(φD)	
Tube Metric	Tube Inch
PMP 04	
PMP 06	
PMP 08	
PMP 10	
PMP 12	

MPMF

Bulkhead Female Straight



MODEL(φD-T)						
Tube Metric -Thread Rc			Tube Inch -Thread NPT		Tube Metric -Thread G	
MPMF 04-01	MPMF 08-02	MPMF 12-02	PMF 5/32 -N01	PMF 5/16 -N03	MPMF 04-G01	MPMF 08-G03
MPMF 04-02	MPMF 08-03	MPMF 12-03	PMF 3/16 -N01	PMF 3/8 -N02	MPMF 04-G02	MPMF 10-G02
MPMF 04-03	MPMF 08-04	MPMF 12-04	PMF 3/16 -N02	PMF 3/8 -N03	MPMF 04-G03	MPMF 10-G03
MPMF 06-01	MPMF 10-01		PMF 1/4 -N01	PMF 1/2 -N02	MPMF 06-G01	MPMF 10-G04
MPMF 06-02	MPMF 10-02		PMF 1/4 -N02	PMF 1/2 -N03	MPMF 06-G02	MPMF 12-G02
MPMF 06-03	MPMF 10-03		PMF 5/16 -N01	PMF 1/2 -N04	MPMF 06-G03	MPMF 12-G03
MPMF 08-01	MPMF 10-04		PMF 5/16 -N02		MPMF 08-G01	MPMF 12-G04
					MPMF 08-G02	

MPL

Male Elbow
Swivel Rotating Type



MODEL(φD-T)							
Tube Metric -Thread R		Tube Inch -Thread R		Tube Inch -Thread NPT		Tube Metric -Thread M	
MPL 04M5	MPL 0803	PL 1/4 -01	PL 5/32 -U	PL 5/16 -N01	PL 06-M12	MPL 04G01	MPL 08G03
MPL 04M6	MPL 0804	PL 1/4 -02	PL 5/32 -N01	PL 5/16 -N02	PL 06-M16	MPL 04G02	MPL 08G04
MPL 0401	MPL 1002	PL 1/4 -03	PL 5/32 -N02	PL 5/16 -N03	PL 06-M22	MPL 04G03	MPL 10G02
MPL 0402	MPL 1003	PL 5/16 -01	PL 3/16 -U	PL 5/16 -N04	PL 08-M12	MPL 06G01	MPL 10G03
MPL 0403	MPL 1004	PL 5/16 -02	PL 3/16 -N01	PL 3/8 -N01	PL 08-M16	MPL 06G02	MPL 10G04
MPL 06M5	MPL 1202	PL 5/16 -03	PL 3/16 -N02	PL 3/8 -N02	PL 08-M22	MPL 06G03	MPL 12G02
MPL 06M6	MPL 1203	PL 3/8 -01	PL 3/16 -N03	PL 3/8 -N03	PL 10-M12	MPL 08G01	MPL 12G03
MPL 0601	MPL 1204	PL 3/8 -02	PL 1/4 -U	PL 3/8 -N04	PL 10-M14	MPL 08G02	MPL 12G04
MPL 0602	MPL 1403	PL 3/8 -03	PL 1/4 -N01	PL 1/2 -N02	PL 10-M16		
MPL 0603	MPL 1404	PL 3/8 -04	PL 1/4 -N02	PL 1/2 -N03	PL 10-M22		
MPL 0801	MPL 1603	PL 1/2 -02	PL 1/4 -N03	PL 1/2 -N04	PL 12-M12		
MPL 0802	MPL 1604	PL 1/2 -03			PL 12-M14		
		PL 1/2 -04			PL 12-M16		
					PL 12-M22		

MPL-G

Male Elbow

