

Product Range

Functional Explanation



ONE-TOUCH FITTING

- Push to connect fitting
- Commonly used for a whole range of pneumatic applications
- No tools needed
- Fast Installation & Quick Disconnection

ONE-TOUCH FITTINGS



COMPACT ONE-TOUCH FITTING

- Lightweight & Compact fitting
- Electroless nickel (ENI) plating type
- Suitable for small equipment & narrow space
- Fast installation & Quick Disconnection

COMPACT ONE-TOUCH FITTINGS



COMPACT ONE-TOUCH FITTINGS



Product Code System

METRIC - BSP(F/R)			
PC 06-01-C			
COMPACT ONE-TOUCH FITTING	TUBE DIA CODE SIZE	THREAD SIZE METRIC THREAD CODE SIZE	COMPACT Nickel
	03 Ø3	M3 M3×0.5	
	04 Ø4	M4 M4×0.5	
	06 Ø6	M6 M6×1.0	
		R/PTT THREAD CODE SIZE	
		3/8 1/2	

INCH - BSP(F/R)			
PC-1/4-01-C			
COMPACT ONE-TOUCH FITTING	TUBE DIA CODE SIZE	THREAD SIZE INCH THREAD CODE SIZE	COMPACT Nickel
	1/8 Ø1/8	M3 M3×0.5	
	1/4 Ø1/4	M4 M4×0.5	
	3/8 Ø3/8	M6 M6×1.0	
		R/PTT THREAD CODE SIZE	
		3/8 1/2	

METRIC - BSP(F/R)			
PC 06-G01-C			
COMPACT ONE-TOUCH FITTING	TUBE DIA CODE SIZE	THREAD SIZE G/PTT THREAD CODE SIZE	
	04 Ø4	G1 G 1/8"	
	06 Ø6		

INCH - NPT			
PC-1/4-NI-C			
COMPACT ONE-TOUCH FITTING	TUBE DIA CODE SIZE	THREAD SIZE UNF THREAD CODE SIZE	
	1/8 Ø1/8	1/8-28 UNF	
	1/4 Ø1/4	1/4-20 UNF	
		NPT THREAD CODE SIZE	
		1/8 NPT 1/8"	
		1/4 NPT 1/4"	

Uses

- Compact type one-touch joints used in narrow spaces
- Used for various environments to meet all needs

Features

- Easy installation and disconnection by one-touch
- Smaller volume ratio and smaller O.D. but the same flow rate compared the general type
- Electroless nickel plating type provides excellent corrosion resistance
- Oval sleeves are designed to install in narrow spaces
- The screws are O-ringed or Teflon-treated.
- It is suitable for small devices and narrow-space piping.

Specifications

Fluid type	Air/No other gases or liquids
Working pressure	0~150PSI / 0~9.8kgf/cm ² (0~980kPa) *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

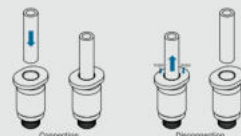
Structural drawing



- All fittings are brass body type and electroless nickel(EN) plating, thus, provides excellent corrosion resistance.
- Oval sleeves are easy to install and disconnect.

POC Models	Use a hexagonal wrench to tighten internal hexagonal part. POC products cannot be fastened with other tools since the outside of the body is circular.
PL Models	Rotation of plastic body makes the tube piping efficient.
PLL Models	

Example of uses



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 3-5 times using a tool after tightening by hand. Screws will break if it pushes too hard.
- Make sure that the out end surface of the tube is a right angle without a scratch on the surface and deformations.
- Put 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

PT-C

Male Branch Tee



MODEL(ΦD-T)

Tube Metric - Thread R		Tube Inch-Thread R		Tube Inch-Thread NPT	
PT 03-M3C	PT 04-01C	PT 1/8-M3C	PT 1/8-M6C	PT 1/8-UC	PT 1/8-UC
PT 03-M3C	PT 06-M5C	PT 1/8-M5C	PT 1/8-01C	PT 1/8-N6C	PT 1/8-N6C
PT 03-M6C	PT 06-M6C	PT 1/8-M6C	PT 1/8-M5C	PT 1/8-N1C	PT 1/8-N1C
PT 04-M3C	PT 06-01C	PT 1/8-01C	PT 1/8-M6C	PT 1/8-UC	PT 1/8-UC
PT 04-M3C		PT 1/8-M3C	PT 1/8-01C	PT 1/8-N6C	PT 1/8-N6C
PT 04-M6C		PT 1/8-M5C		PT 1/8-N1C	PT 1/8-N1C

PUT-C

Union Tee



MODEL(ΦD)

Tube Metric	Tube Inch
PUT 03C	PUT 1/8 C
PUT 04C	PUT 1/16 C
PUT 06C	PUT 1/8 C

PG-C

Reducer



MODEL(ΦD1-ΦD2)

Tube Metric	Tube Inch
PG 04-03C	PG 1/16 - 1/8 C
PG 06-03C	PG 1/8 - 1/8 C
PG 06-04C	PG 1/8 - 1/16 C

PST-C

Male Run Tee



MODEL(ΦD-T)

Tube Metric - Thread R		Tube Inch-Thread R		Tube Inch-Thread NPT	
PST 03-M3C	PST 04-01C	PST 1/8-M3C	PST 1/8-M6C	PST 1/8-UC	PST 1/8-UC
PST 03-M5C	PST 06-M5C	PST 1/8-M5C	PST 1/8-01C	PST 1/8-N6C	PST 1/8-N6C
PST 03-M6C	PST 06-M6C	PST 1/8-M6C	PST 1/8-M5C	PST 1/8-N1C	PST 1/8-N1C
PST 04-M3C	PST 06-01C	PST 1/8-01C	PST 1/8-M6C	PST 1/8-UC	PST 1/8-UC
PST 04-M5C		PST 1/8-M3C	PST 1/8-01C	PST 1/8-N6C	PST 1/8-N6C
PST 04-M6C		PST 1/8-M5C		PST 1/8-N1C	PST 1/8-N1C

PY-C

Union Y



MODEL(ΦD)

Tube Metric	Tube Inch
PY 03C	
PY 04C	
PY 06C	

PW-C

Reducer Y



MODEL(ΦD1-ΦD2)

Tube Metric	Tube Inch
PW 04-03C	PW 1/16 - 1/8 C
PW 06-03C	PW 1/8 - 1/8 C
PW 06-04C	PW 1/8 - 1/16 C

PUC-C

Union Straight



MODEL(ΦD)

Tube Metric	Tube Inch
PUC 03C	PUC 1/8 C
PUC 04C	PUC 1/16 C
PUC 06C	PUC 1/8 C

PUL-C

Union Elbow



MODEL(ΦD)

Tube Metric	Tube Inch-Thread NPT
PUL 03C	PUL 1/8 C
PUL 04C	PUL 1/16 C
PUL 06C	PUL 1/8 C

PGJ-C

Plug-in Reducer



MODEL(ΦD1-ΦD2)

Tube Metric	Tube Inch
PGJ 04-03C	PGJ 1/16 - 1/8 C
PGJ 06-03C	PGJ 1/8 - 1/8 C
PGJ 06-04C	PGJ 1/8 - 1/16 C

PP-C

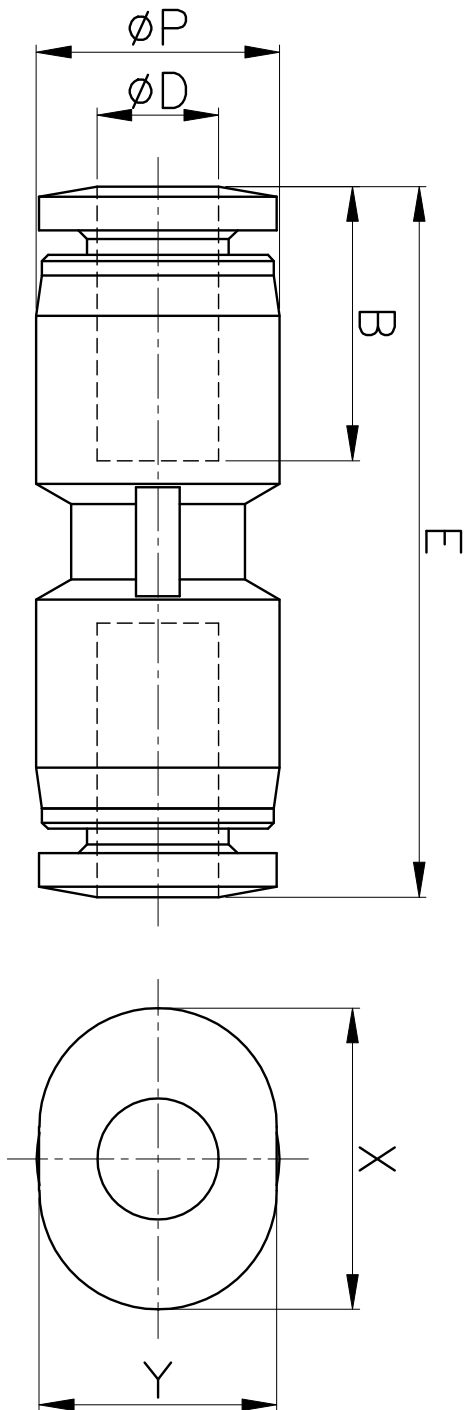
Plug



MODEL(ΦD1-ΦD2)

Tube Metric	Tube Inch
PP 03C	PP 1/8 C

PUC-C



MODEL	ϕD	ϕP	E	B	X	Y	ORIFICE	WEIGHT (g)	BOX(EA)
PUC 03C	3	7.5	23.6	11.3	9.2	7.2	2.4	3.0	100
PUC 04C	4	8.4	24.5	11.8	10.4	8.2	3.0	3.0	100
PUC 06C	6	10.6	26.6	12.8	12.4	10.2	4.0	3.0	100