COMPACT ONE-TOUCH FITTINGS

Application

- Compact type one-touch joints used in small types of pneumatic piping.
- A wide variety of models are available to meet most your needs.

Feature

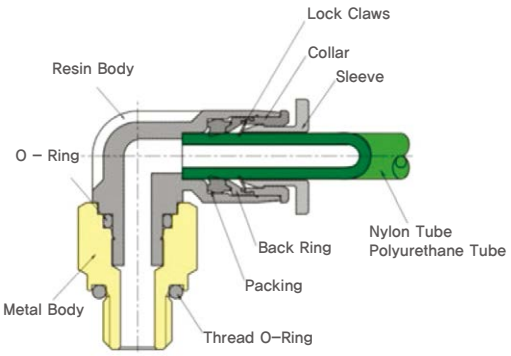
- The world's smallest quick-fitting joints feature 40% smaller volum ratio and 20% smaller O.D. ratio in comparison to the conventional type.
- The compact type joints, which are nickel plated, are excellent not only in appearance but also in rust resistance.
- The elliptical sleeve helps easy application or removal of the tube in confined space.

Specification

Fluid	Air(No other gases or liquids)	
Working Pressure Range	0~150PSI	0~9Kgf/㎠(0~900kPa)
Negative Pressure	-29.5inHg	-750mmHg(10Torr)
Temperature Range	32~140℉	0~60℃
Applicable Tube Material	Polyurethane and Nylon	



Structural Diagram



Case In Use

▶ POC ModeVPCC Model

- The hexagonal shape on the inside of the body makes it possible to tighten the fitting by use of a hexagonal wrench.
- In the case of POC, PCC a hexagonal wrench must be used due to the round exterior.

▶ PLL ModeVPL Model

- Long brass body helps tightening with ease away from any obstacles.

Product Code System

PC 06 - 01 C

① ② ③ ④

① Type

② Tube Dia(ØD)

Code	03	04	06
Dia	Ø3	Ø4	Ø6

③ Thread Size(T)

	Metric size			Taper Pipe Thread
Code	M3	M5	M6	01
Size	M5X0.8	M5X0.8	M6X1.0	R1/8

④ C=COMPACT

⚠ CAUTION

- Be sure to read the "Common Precautions" and the "Using Precautions of Fitting Series" (P14) before using.
- Tube should be securely pushed into the fitting otherwise air leakage may occur.

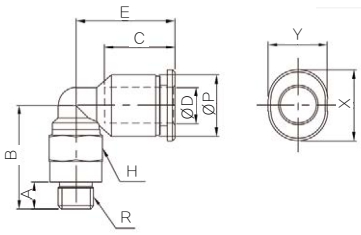
⚠ WARNING

- Be sure to confirm that proper conditions are met, otherwise air leakage may occur.

GPL-C

Male Elbow





MODEL [ØD-T] Tube (Metric)-Thread(R) (mm)

CODE	MODEL	ØD	R	ØP	B	E	C	A	H	X	Y	Orifice (Ø mm)	W.G(g)	Q'ty/ Inbox
14020301	GPL 03M3C	3	M3	6.3	14.4	11.4	8.9	3	8	7	6	1.2	1.6	100
14020302	GPL 03M5C	3	M5	6.3	13.8	11.4	8.9	3.5	8	7	6	2	2.7	100
14020303	GPL 03M6C	3	M6	6.3	14.8	11.4	8.9	4.5	9	7	6	2.4	3	100
14020401	GPL 04M3C	4	M3	8	15	14.4	11.5	3	8	10	8	1.2	3.3	100
14020402	GPL 04M5C	4	M5	8	14.4	14.4	11.5	3.5	8	10	8	2	3.3	100
14020403	GPL 04M6C	4	M6	8	15.4	14.4	11.5	4.5	9	10	8	2.4	3.7	100
14020411	GPL 0401C	4	R1/8	8	16	14.4	11.5	8	10	10	8	2.8	6.1	100
14020602	GPL 06M5C	6	M5	10.4	14.4	16.7	11.9	3.5	8	12	10	2	3.9	100
14020603	GPL 06M6C	6	M6	10.4	15.4	16.7	11.9	4.5	9	12	10	2.4	4.2	100
14020611	GPL 0601C	6	R1/8	10.4	16	16.7	11.9	8	10	12	10	3	6.8	100