ONE-TOUCH FITTINGS

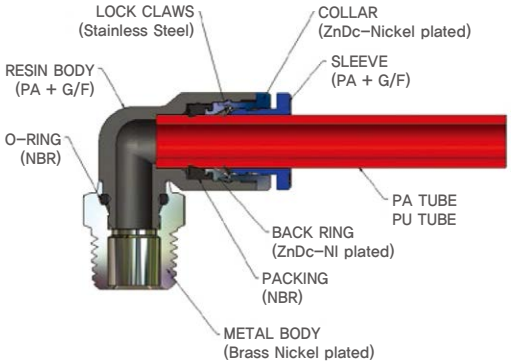
Application

- One-touch joints used in pneumatic piping.
- Used for a wide variety of models to meet all needs.

Feature

- Easy to connect/disconnect tube by one touch.
- PC type is useful for piping in confined space, given its six-angle wrench processing inside.
- Elliptical sleeve makes it possible to apply and remove the tube easily in confined space.
- Fittings are equipped with a Gasket, O-ring and Teflon-Treatment already on the thread.

Structural Diagram



Specification

Fluid	Air(No other gases or liquids)	
Working Pressure Range	0~284PSI	0~20Kgf/㎠(0~1960kPa)
Negative Pressure	-29.5inHg	-750mmHg(10Torr)
Temperature Range	32~176℉	0~80℃
Applicable Tube Material	Polyurethane and Nylon	



Case In Use

▶ POC Model

- The hexagonal hole of the inside body makes it possible to tighten the fitting with a hexagonal wrench.
- A hexagonal wrench must be used due to the round exterior.

Product Code System

GPC 08 - 02 (①) (②) (③)

GPC 08 - 02 (GR) (①) (②) (③) (④)

① Type
② Tube Dia(ØD)

Code	04	06	08	10	12	16
Dia	Ø4	Ø6	Ø8	Ø10	Ø12	Ø16

③ Thread Size(T) *Metric Thread & R(PT) Thread

	Metric size		Taper Pipe Thread			
Code	M5	M6	01	02	03	04
Size	M5X0.8	M6X1.0	R1/8	R1/4	R3/8	R1/2

④ Color (Gray fitting can be produced)

	None	(GR)
Color	Black	Gray



⚠ CAUTION

- Be sure to read the "Common Precautions" and the "Using Precautions of Fitting Series" (P14) before using.
- In putting tube on the fitting, be sure to push it deeply into the inside. In case of incorrect installation, there is a risk of air leakage or loose tube.

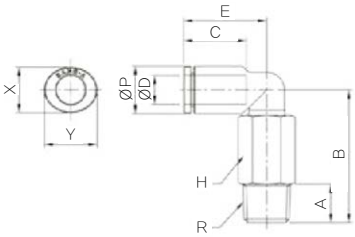
⚠ WARNING

- Be sure to confirm that proper conditions are met(specifications), otherwise there may be air leakage by damage on the fitting body.

GPLL

Extended Male Elbow





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

CODE	MODEL	ØD	R	ØP	A	B	C	E	H	X	Y	Orifice (Ø mm)	W.G(g)	Q´ty/ Inbox
11100301	GPLL 03M3	3	M3	9	3	27.1	14.5	17.1	9	8.6	10.8	1.2	10.7	100
11100302	GPLL 03M5	3	M5	9	4	27.1	14.5	17.1	9	8.6	10.8	2	10.7	100
11100401	GPLL 04M3	4	M3	9	3	27.1	14.5	17.1	9	8.6	10.8	1.2	10.5	100
11100402	GPLL 04M5	4	M5	9	4	27.1	14.5	17.1	9	8.6	10.8	2	10.5	100
11100403	GPLL 04M6	4	M6	9	5	28.1	14.5	17.1	9	8.6	10.8	3	11	100
11100411	GPLL 0401	4	R1/8	9	8	30.3	14.5	17.1	10	8.6	10.8	3.2	14.7	50
11100412	GPLL 0402	4	R1/4	9	11	33.3	14.5	17.1	14	8.6	10.8	3.2	31	50
11100413	GPLL 0403	4	R3/8	9	12	34.3	14.5	17.1	17	8.6	10.8	3.2	44.4	50
11100602	GPLL 06M5	6	M5	11.2	4	28.2	15.5	18	9	11	13	2	11.4	50
11100603	GPLL 06M6	6	M6	11.2	5	29.2	15.5	18	9	11	13	3	11.8	50
11100611	GPLL 0601	6	R1/8	11.2	8	31.4	15.5	18	10	11	13	4	15.5	50
11100612	GPLL 0602	6	R1/4	11.2	11	34.4	15.5	18	14	11	13	4	31.8	50
11100613	GPLL 0603	6	R3/8	11.2	12	35.4	15.5	18	17	11	13	4	45.2	50
11100811	GPLL 0801	8	R1/8	13.6	8	35.3	17.8	23.6	10	13	15	5.5	18.6	50
11100812	GPLL 0802	8	R1/4	13.6	11	37.8	17.8	23.6	14	13	15	5.5	35.8	50
11100813	GPLL 0803	8	R3/8	13.6	12	38.8	17.8	23.6	17	13	15	5.5	50	25
11100814	GPLL 0804	8	R1/2	13.6	15	42.8	17.8	23.6	21	13	15	5.5	84.1	20
11101011	GPLL 1001	10	R1/8	16.3	8	44.8	19.4	25	17	16	18.5	6	55	25
11101012	GPLL 1002	10	R1/4	16.3	11	47.8	19.4	25	17	16	18.5	8	59.4	25
11101013	GPLL 1003	10	R3/8	16.3	12	47.3	19.4	25	17	16	18.5	9	58.2	25
11101014	GPLL 1004	10	R1/2	16.3	15	50.3	19.4	25	21	16	18.5	9	94.4	20
11101211	GPLL 1201	12	R1/8	19.7	8	46.65	22.4	32.2	17	19.5	22.5	6	60.6	25
11101212	GPLL 1202	12	R1/4	19.7	11	49.65	22.4	32.2	17	19.5	22.5	8	65	25
11101213	GPLL 1203	12	R3/8	19.7	12	49.15	22.4	32.2	17	19.5	22.5	9.5	63.8	20
11101214	GPLL 1204	12	R1/2	19.7	15	52.15	22.4	32.2	21	19.5	22.5	9.5	100	20
11101413	GPLL 1403	14	R3/8	23.5	12	62.55	24.4	31.9	20	23	25	11	117.4	16
11101414	GPLL 1404	14	R1/2	23.5	15	65.05	24.4	31.9	21	23	25	12	128.4	16
11101614	GPLL 1604	16	R1/2	25.6	15	66.1	25	34	21	24	27	13	128.6	16

*Rotating body construction after a proper installation.