ONE-TOUCH FITTINGS

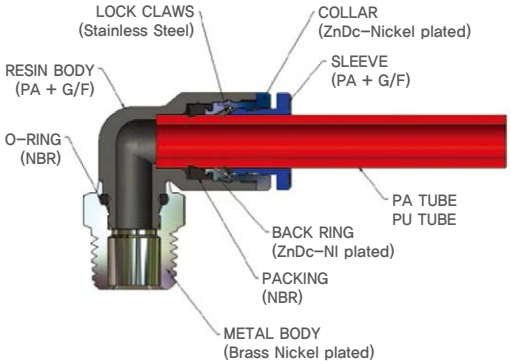
Application

- 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.

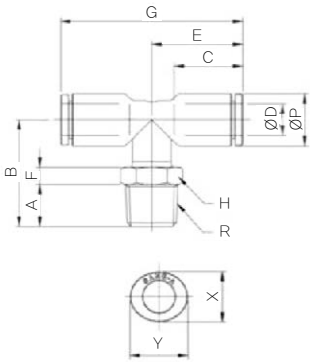
⚠ WARNING

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

GPT(L)

Male Branch Tee





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

CODE	MODEL	ØD	R	ØP	A	B	C	E	F	G	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
11800401	GPT 04M3(L)	4	M3	9	3	17.8	14.5	17.1	5.4	34.2	9	8.6	10.8	1.2	6	100
11800402	GPT 04M5(L)	4	M5	9	4	17.8	14.5	17.1	4.4	34.2	9	8.6	10.8	2	6.1	100
11800403	GPT 04M6(L)	4	M6	9	5	18.8	14.5	17.1	4.4	34.2	9	8.6	10.8	3	6.5	100
11800411	GPT 0401(L)	4	R1/8	9	8	21	14.5	17.1	5	34.2	10	8.6	10.8	3.2	9.1	100
11800412	GPT 0402(L)	4	R1/4	9	11	24	14.5	17.1	5	34.2	14	8.6	10.8	3.2	17.4	50
11800413	GPT 0403(L)	4	R3/8	9	12	25	14.5	17.1	5	34.2	17	8.6	10.8	3.2	25.9	50
11800602	GPT 06M5(L)	6	M5	11.2	4	19.4	15.5	18	4.4	35.9	9	11	13	2	7.4	50
11800603	GPT 06M6(L)	6	M6	11.2	5	20.4	15.5	18	4.4	35.9	9	11	13	3	7.8	50
11800611	GPT 0601(L)	6	R1/8	11.2	8	22.6	15.5	18	5	35.9	10	11	13	4	10.4	50
11800612	GPT 0602(L)	6	R1/4	11.2	11	25.6	15.5	18	5	35.9	14	11	13	4	18.7	50
11800613	GPT 0603(L)	6	R3/8	11.2	12	26.6	15.5	18	5	35.9	17	11	13	4	27.2	50
11800614	GPT 0604(L)	6	R1/2	11.2	15	30.6	15.5	18	6	35.9	21	11	13	4	47.5	25
11800811	GPT 0801(L)	8	R1/8	13.6	8	25.3	17.8	23.6	5	47.2	10	13	15	5.5	12.7	50
11800812	GPT 0802(L)	8	R1/4	13.6	11	27.8	17.8	23.6	4.5	47.2	14	13	15	5.5	20.6	50
11800813	GPT 0803(L)	8	R3/8	13.6	12	28.8	17.8	23.6	4.5	47.2	17	13	15	5.5	29	50
11800814	GPT 0804(L)	8	R1/2	13.6	15	32.8	17.8	23.6	5.5	47.2	21	13	15	5.5	49.3	25
11801011	GPT 1001(L)	10	R1/8	16.3	8	29.7	19.4	25	6.5	50	17	16	18.5	6	29	25
11801012	GPT 1002(L)	10	R1/4	16.3	11	32.7	19.4	25	6.5	50	17	16	18.5	8	33.3	25
11801013	GPT 1003(L)	10	R3/8	16.3	12	32.2	19.4	25	5	50	17	16	18.5	9	35.1	25
11801014	GPT 1004(L)	10	R1/2	16.3	15	35.2	19.4	25	5	50	21	16	18.5	9	53	25
11801211	GPT 1201(L)	12	R1/8	19.7	8	31.4	22.4	32.2	6.5	64.4	17	19.5	22.5	6	33.8	20
11801212	GPT 1202(L)	12	R1/4	19.7	11	34.4	22.4	32.2	6.5	64.4	17	19.5	22.5	8	38.1	20
11801213	GPT 1203(L)	12	R3/8	19.7	12	33.9	22.4	32.2	5	64.4	17	19.5	22.5	9.5	39.9	20
11801214	GPT 1204(L)	12	R1/2	19.7	15	36.9	22.4	32.2	5	64.4	21	19.5	22.5	9.5	57.8	20

*Rotating body construction after a proper installation.