ONE-TOUCH FITTINGS

Application

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

Feature

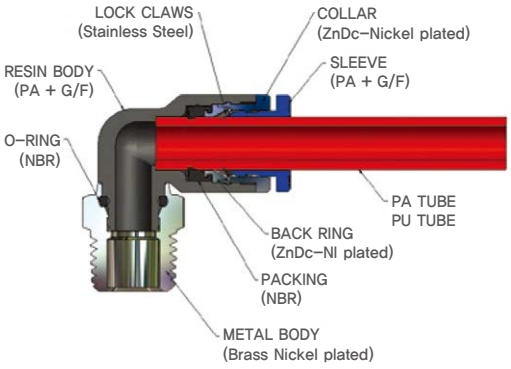
- Easy to connect/disconnect tube by one touch.
- PC type is useful for piping in confined space, given its six-angle wrench processing inside.
- Elliptical sleeve makes it possible to apply and remove the tube easily in confined space.
- Fittings are equipped with a Gasket, O-ring and Teflon-Treatment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

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	



Structural Diagram



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 - G01

① ② ③

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

	Taper Pipe Thread			
Code	G01	G02	G03	G04
Size	G1/8	G1/4	G3/8	G1/2

⚠ 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.

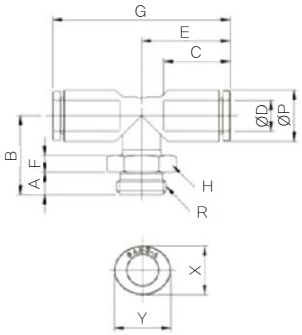
⚠ WARNING

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

GPT–G

Male Branch Tee





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

CODE	MODEL	ØD	R	ØP	A	B	C	E	F	G	H	X	Y	Orifice (Ø mm)	W.G(g)	Q'ty/ Inbox
11030431	GPT 04G01	4	G1/8	9	5	16.6	14.5	17.1	4.5	34.2	13	8.6	10.8	3.2	9.6	100
11030432	GPT 04G02	4	G1/4	9	6	17.3	14.5	17.1	4.5	34.2	16	8.6	10.8	3.2	15	50
11030433	GPT 04G03	4	G3/8	9	7	18.8	14.5	17.1	5	34.2	20	8.6	10.8	3.2	24.1	50
11030631	GPT 06G01	6	G1/8	11.2	5	17.7	15.5	18	4.5	35.9	13	11	13	4	11.2	50
11030632	GPT 06G02	6	G1/4	11.2	6	18.4	15.5	18	4.5	35.9	16	11	13	4	16.5	50
11030633	GPT 06G03	6	G3/8	11.2	7	19.9	15.5	18	5	35.9	20	11	13	4	25.6	50
11030634	GPT 06G04	6	G1/2	11.2	8.5	21.9	15.5	18	5.5	35.9	24	11	13	4	41.6	25
11030831	GPT 08G01	8	G1/8	13.6	5	22.8	17.8	23.6	7	47.2	13	13	15	5.5	17.8	50
11030832	GPT 08G02	8	G1/4	13.6	6	21	17.8	23.6	4.5	47.2	16	13	15	5.5	20.5	50
11030833	GPT 08G03	8	G3/8	13.6	7	22	17.8	23.6	4.5	47.2	20	13	15	5.5	28.6	50
11030834	GPT 08G04	8	G1/2	13.6	8.5	24	17.8	23.6	5	47.2	24	13	15	5.5	44.3	25
11031031	GPT 10G01	10	G1/8	16.3	5	24.1	19.4	25	5.5	50	15	16	18.5	6	21.8	25
11031032	GPT 10G02	10	G1/4	16.3	6	24.8	19.4	25	7.5	50	16	16	18.5	8	25.6	25
11031033	GPT 10G03	10	G3/8	16.3	7	23.3	19.4	25	5	50	20	16	18.5	9	29	25
11031034	GPT 10G04	10	G1/2	16.3	8.5	24.8	19.4	25	5	50	24	16	18.5	9	44.1	25
11031231	GPT 12G01	12	G1/8	19.7	5	25.8	22.4	32.2	5.5	64.4	15	19.5	22.5	6	32.5	20
11031232	GPT 12G02	12	G1/4	19.7	6	26.5	22.4	32.2	7.5	64.4	16	19.5	22.5	8	36.3	20
11031233	GPT 12G03	12	G3/8	19.7	7	25	22.4	32.2	5	64.4	20	19.5	22.5	9.5	39.7	20
11031234	GPT 12G04	12	G1/2	19.7	8.5	26.5	22.4	32.2	5	64.4	24	19.5	22.5	9.5	54.8	20
11031433	GPT 14G03	14	G3/8	23.5	7	33	24.4	31.9	11	63.8	20	23	25	11.5	61.4	12
11031434	GPT 14G04	14	G1/2	23.5	8.5	28.5	24.4	31.9	5	63.8	24	23	25	12	61	12
11031633	GPT 16G03	16	G3/8	25.6	7	34	25	34	11	68	20	24	27	11.5	62.1	12
11031634	GPT 16G04	16	G1/2	25.6	8.5	29.5	25	34	5	68	24	24	27	13	61.7	12