ONE-TOUCH FITTINGS

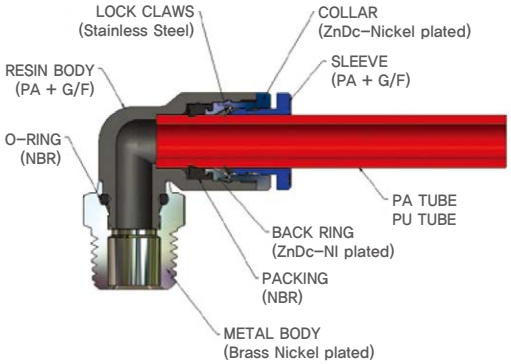
Application

- 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.

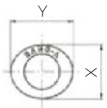
⚠ WARNING

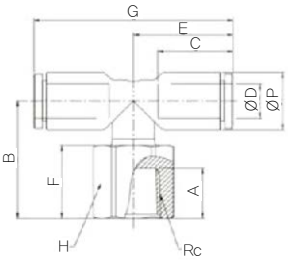
- Be sure to confirm that proper conditions are met(specifications), otherwise there may be air leakage by damage on the fitting body.

GPTF

Female 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 (Ø mm)	W.G(g)	Q´ty/ Inbox
11390402	GPTF 04M5	4	M5	9	5	16.6	14.5	17.1	9.8	34.2	9	8.6	10.8	3.2	6.6	100
11390403	GPTF 04M6	4	M6	9	6	17.6	14.5	17.1	10.8	34.2	9	8.6	10.8	3.2	6.7	100
11390421	GPTF 0401	4	R1/8	9	9	20.6	14.5	17.1	13.8	34.2	13	8.6	10.8	3.2	16.4	100
11390422	GPTF 0402	4	R1/4	9	12	23.6	14.5	17.1	16.8	34.2	17	8.6	10.8	3.2	30.2	50
11390602	GPTF 06M5	6	M5	11.2	5	17.7	15.5	18	9.8	35.9	9	11	13	3.5	8.1	50
11390603	GPTF 06M6	6	M6	11.2	6	18.7	15.5	18	10.8	35.9	9	11	13	4	8.2	50
11390621	GPTF 0601	6	R1/8	11.2	9	21.7	15.5	18	13.8	35.9	13	11	13	4	17.9	50
11390622	GPTF 0602	6	R1/4	11.2	12	24.7	15.5	18	16.8	35.9	17	11	13	4	31.7	50
11390623	GPTF 0603	6	R3/8	11.2	13	25.7	15.5	18	17.8	35.9	19	11	13	4	34.9	15
11390821	GPTF 0801	8	R1/8	13.6	9	24.9	17.8	23.6	14.4	47.2	13	13	15	5.5	22.4	50
11390822	GPTF 0802	8	R1/4	13.6	12	27.9	17.8	23.6	17.4	47.2	17	13	15	5.5	36.9	50
11390823	GPTF 0803	8	R3/8	13.6	13	28.9	17.8	23.6	18.4	47.2	19	13	15	5.5	40.5	15
11391022	GPTF 1002	10	R1/4	16.3	12	28.2	19.4	25	16.9	50	17	16	18.5	9	36.3	25
11391023	GPTF 1003	10	R3/8	16.3	13	29.2	19.4	25	17.9	50	19	16	18.5	9	39.5	15
11391024	GPTF 1004	10	R1/2	16.3	16	32.2	19.4	25	20.9	50	24	16	18.5	9	65.8	15
11391222	GPTF 1202	12	R1/4	19.7	12	29.9	22.4	32.2	16.9	64.4	17	19.5	22.5	9.5	47	20
11391223	GPTF 1203	12	R3/8	19.7	13	30.9	22.4	32.2	17.9	64.4	19	19.5	22.5	9.5	50.2	15
11391224	GPTF 1204	12	R1/2	19.7	16	33.9	22.4	32.2	20.9	64.4	24	19.5	22.5	9.5	76.5	15