ONE-TOUCH FITTINGS

Application

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

Feature

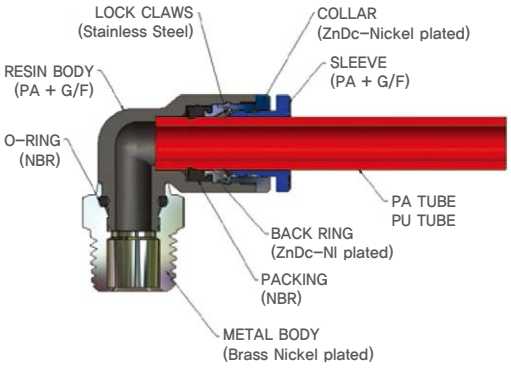
- Easy to connect/disconnect tube by one touch.
- PC type is useful for piping in confined space, given its six-angle wrench processing inside.
- Elliptical sleeve makes it possible to apply and remove the tube easily in confined space.
- Fittings are equipped with a Gasket, O-ring and Teflon-Treatment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

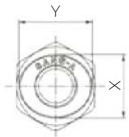
⚠ WARNING

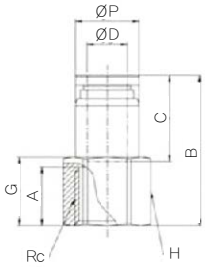
- Be sure to confirm that proper conditions are met(specifications), otherwise there may be air leakage by damage on the fitting body.

GPCF-G

Female Straight







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

CODE	MODEL	ØD	Rc	ØP	G	A	B	C	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
11230441	GPCF 04G01	4	G1/8	8.8	11	9	24.4	14.5	13	8.6	10.8	3.2	13.2	100
11230442	GPCF 04G02	4	G1/4	8.8	14	12	27.4	14.5	16	8.6	10.8	3.2	20.4	100
11230443	GPCF 04G03	4	G3/8	8.8	15	13	28.4	14.5	19	8.6	10.8	3.2	25.2	50
11230641	GPCF 06G01	6	G1/8	11	11	9	25.4	15.5	13	11	13	5	14.5	100
11230642	GPCF 06G02	6	G1/4	11	14	12	28.4	15.5	16	11	13	5	21.7	50
11230643	GPCF 06G03	6	G3/8	11	15	13	29.4	15.5	19	11	13	5	26.5	50
11230841	GPCF 08G01	8	G1/8	13	10	9	27.7	17.8	13	13	15	7	16	50
11230842	GPCF 08G02	8	G1/4	13	14	12	30.7	17.8	16	13	15	7	23.2	50
11230843	GPCF 08G03	8	G3/8	13	15	13	31.7	17.8	19	13	15	7	28.1	50
11230844	GPCF 08G04	8	G1/2	13	18	16	34.7	17.8	24	13	15	7	48.3	25
11231041	GPCF 10G01	10	G1/8	15.5	10	9	29.4	19.4	16	16	18.5	7	27	50
11231042	GPCF 10G02	10	G1/4	15.5	13	12	32.4	19.4	16	16	18.5	9	26.1	50
11231043	GPCF 10G03	10	G3/8	15.5	15	13	33.4	19.4	19	16	18.5	9	31.3	25
11231044	GPCF 10G04	10	G1/2	15.5	18	16	36.4	19.4	24	16	18.5	9	51.5	25
11231242	GPCF 12G02	12	G1/8	18.8	12	12	35.4	22.4	19	19.5	22.5	10	44.5	25
11231243	GPCF 12G03	12	G1/4	18.8	15	13	36.4	22.4	19	19.5	22.5	10	38.3	25
11231244	GPCF 12G04	12	G3/8	18.8	18	16	39.4	22.4	24	19.5	22.5	10	58.4	25