ONE-TOUCH FITTINGS

Application

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

Feature

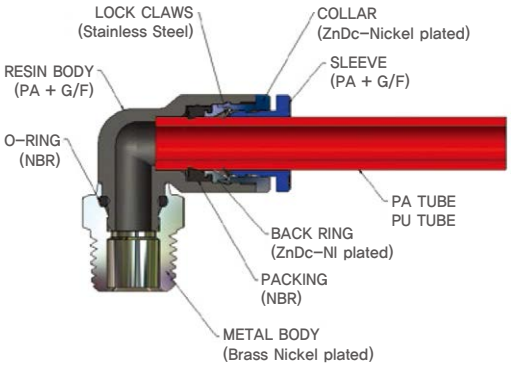
- Easy to connect/disconnect tube by one touch.
- PC type is useful for piping in confined space, given its six-angle wrench processing inside.
- Elliptical sleeve makes it possible to apply and remove the tube easily in confined space.
- Fittings are equipped with a Gasket, O-ring and Teflon-Treatment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

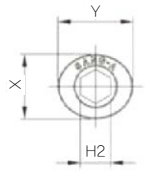
⚠ WARNING

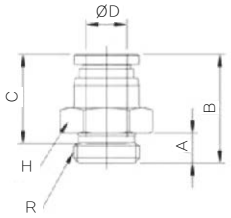
- Be sure to confirm that proper conditions are met(specifications), otherwise there may be air leakage by damage on the fitting body.

GPC-G

Male Straight







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

CODE	MODEL	ØD	R	A	B	C	H	H2	X	Y	Orifice (Ø mm)	W.G(g)	Q'ty/ Inbox
11010431	GPC 04G01	4	G1/8	5	18.4	14.5	13	3	8.6	10.8	3	8.4	100
11010432	GPC 04G02	4	G1/4	6	18.1	14.5	16	3	8.6	10.8	3	14.3	100
11010433	GPC 04G03	4	G3/8	7	18.1	14.5	20	3	8.6	10.8	3	24.1	50
11010631	GPC 06G01	6	G1/8	5	23.1	15.5	13	4	11	13	4	10.7	100
11010632	GPC 06G02	6	G1/4	6	19.8	15.5	16	4	11	13	4	14.2	100
11010633	GPC 06G03	6	G3/8	7	18.8	15.5	20	4	11	13	4	23.1	50
11010634	GPC 06G04	6	G1/2	8.5	19.3	15.5	24	4	11	13	4	42.9	50
11010831	GPC 08G01	8	G1/8	5	26	17.8	13	5	13	15	5	12.5	50
11010832	GPC 08G02	8	G1/4	6	21.7	17.8	16	6	13	15	6	14.1	50
11010833	GPC 08G03	8	G3/8	7	22.7	17.8	20	6	13	15	6	25.1	50
11010834	GPC 08G04	8	G1/2	8.5	23.7	17.8	24	6	13	15	6	41.9	50
11011031	GPC 10G01	10	G1/8	5	27.6	19.4	16	5	16	18.5	5	18	50
11011032	GPC 10G02	10	G1/4	6	28.3	19.4	16	6	16	18.5	6	20.7	50
11011033	GPC 10G03	10	G3/8	7	24.3	19.4	20	8	16	18.5	8	22.6	50
11011034	GPC 10G04	10	G1/2	8.5	24.8	19.4	24	8	16	18.5	8	39.9	50
11011231	GPC 12G01	12	G1/8	5	31.7	22.4	19	5	19.5	22.5	5	29.1	50
11011232	GPC 12G02	12	G1/4	6	32.4	22.4	19	6	19.5	22.5	6	32.3	50
11011233	GPC 12G03	12	G3/8	7	32.4	22.4	20	9	19.5	22.5	9	33.5	50
11011234	GPC 12G04	12	G1/2	8.5	28.9	22.4	24	10	19.5	22.5	10	41.1	25
11011433	GPC 14G03	14	G3/8	7	34.5	24.4	22	9	23	25	9	46.6	25
11011434	GPC 14G04	14	G1/2	8.5	36	24.4	24	11	23	25	11	57	25
11011633	GPC 16G03	16	G3/8	7	35.5	25	24	9	24	27	9	51.5	25
11011634	GPC 16G04	16	G1/2	8.5	36.5	25	24	11	24	27	11	56.9	25