ONE-TOUCH FITTINGS

Application

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

Feature

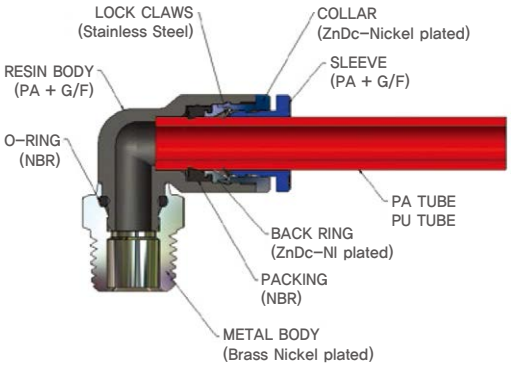
- Easy to connect/disconnect tube by one touch.
- PC type is useful for piping in confined space, given its six-angle wrench processing inside.
- Elliptical sleeve makes it possible to apply and remove the tube easily in confined space.
- Fittings are equipped with a Gasket, O-ring and Teflon-Treatment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

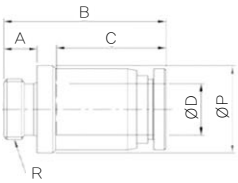
⚠ WARNING

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

GPOC-G

Round Male Straight





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

CODE	MODEL	ØD	R	ØP	A	B	C	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/Inbox
11220431	GPOC 04G01	4	G1/8	14	5	18.4	14.5	3	8.6	10.8	3	7.7	100
11220432	GPOC 04G02	4	G1/4	17	6	18.1	14.5	3	8.6	10.8	3	12.8	100
11220433	GPOC 04G03	4	G3/8	21	7	18.1	14.5	3	8.6	10.8	3	21.2	50
11220631	GPOC 06G01	6	G1/8	14	5	23.1	15.5	4	11	13	4	10.2	100
11220632	GPOC 06G02	6	G1/4	17	6	19.8	15.5	4	11	13	4	13	100
11220633	GPOC 06G03	6	G3/8	21	7	18.8	15.5	4	11	13	4	20.6	50
11220831	GPOC 08G01	8	G1/8	14	5	26	17.8	5	13	15	5	12.6	100
11220832	GPOC 08G02	8	G1/4	17	6	21.7	17.8	6	13	15	6	12.3	100
11220833	GPOC 08G03	8	G3/8	21	7	22.7	17.8	6	13	15	6	21	50
11220834	GPOC 08G04	8	G1/2	25	8.5	23.7	17.8	6	13	15	6	35	50
11221031	GPOC 10G01	10	G1/8	15.5	5	27.6	19.4	5	16	18.5	5	16.7	50
11221032	GPOC 10G02	10	G1/4	17	6	28.3	19.4	6	16	18.5	6	20.4	50
11221033	GPOC 10G03	10	G3/8	21	7	24.3	19.4	8	16	18.5	8	21	50
11221034	GPOC 10G04	10	G1/2	25	8.5	24.8	19.4	8	16	18.5	8	34	50
11221231	GPOC 12G01	12	G1/8	18.8	5	31.7	22.4	5	19.5	22.5	5	24.8	50
11221232	GPOC 12G02	12	G1/4	18.8	6	31.4	22.4	6	19.5	22.5	6	26.4	50
11221233	GPOC 12G03	12	G3/8	21	7	32.4	22.4	9	19.5	22.5	8	33.3	50
11221234	GPOC 12G04	12	G1/2	25	8.5	28.9	22.4	10	19.5	22.5	8	36.9	25