ONE-TOUCH FITTINGS

Application

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

Feature

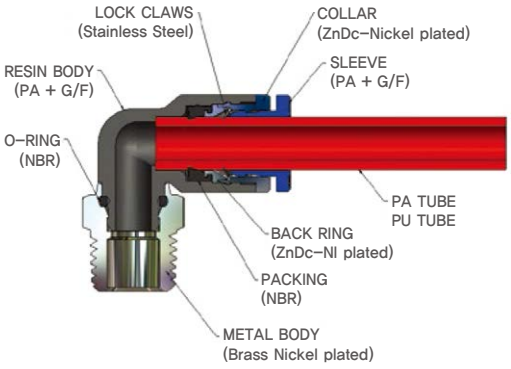
- Easy to connect/disconnect tube by one touch.
- PC type is useful for piping in confined space, given its six-angle wrench processing inside.
- Elliptical sleeve makes it possible to apply and remove the tube easily in confined space.
- Fittings are equipped with a Gasket, O-ring and Teflon-Treatment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

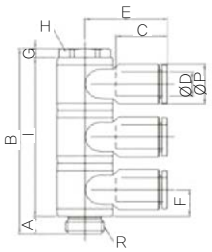
⚠ WARNING

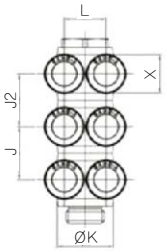
- Be sure to confirm that proper conditions are met(specifications), otherwise there may be air leakage by damage on the fitting body.

GPA(D3)–G

Triple Branch A







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

CODE	MODEL	ØD	R	ØP	A	B	C	E	F	G	H	I	J	J2	ØK	L	X	Orifice (Ømm)	W.G(g)	Q'ty/Inbox
11530431	GPA 04G01(3)	4	G1/8	9	5	51	14.5	20.6	7.3	2.5	13	43.5	14.5	14.5	14	9.3	8.6	3.2	34.8	25
11530432	GPA 04G02(3)	4	G1/4	9	6	63	14.5	22.6	9	3	16	54	18	18	19	9.3	8.6	3.2	57.4	25
11530433	GPA 04G03(3)	4	G3/8	9	7	74	14.5	24.6	10.5	4	20	63	21	21	22.4	9.3	8.6	3.2	91.3	25
11530631	GPA 06G01(3)	6	G1/8	11.2	5	51	15.5	22	7.3	2.5	13	43.5	14.5	14.5	14	11.4	11	5	39.8	20
11530632	GPA 06G02(3)	6	G1/4	11.2	6	63	15.5	23.5	9	3	16	54	18	18	19	11.4	11	5	61.9	20
11530633	GPA 06G03(3)	6	G3/8	11.2	7	74	15.5	25.7	10.5	4	20	63	21	21	22.4	11.4	11	5	95.9	20
11530831	GPA 08G01(3)	8	G1/8	13.6	5	51	17.8	25.6	8	2.5	13	43.5	14.5	14.5	14	14.2	13	5.2	48.1	16
11530832	GPA 08G02(3)	8	G1/4	13.6	6	63	17.8	28.1	9	3	16	54	18	18	19	14.2	13	6.8	70.3	16
11530833	GPA 08G03(3)	8	G3/8	13.6	7	74	17.8	29.8	10.5	4	20	63	21	21	22.4	14.2	13	7	101	12
11530834	GPA 08G04(3)	8	G1/2	13.6	8.5	79.5	17.8	32.1	11	5	24	66	22	22	27	14.2	13	7	158.2	12
11531032	GPA 10G02(3)	10	G1/4	16.3	6	63	19.4	27.5	9.7	3	16	54	18	18	19	17	16	7.3	73.7	9
11531033	GPA 10G03(3)	10	G3/8	16.3	7	74	19.4	29.6	10.5	4	20	63	21	21	22.4	17	16	9	112.6	9
11531034	GPA 10G04(3)	10	G1/2	16.3	8.5	79.5	19.4	31.5	11	5	24	66	22	22	27	17	16	9	166.6	9
11531233	GPA 12G03(3)	12	G3/8	19.7	7	74	22.4	32.4	11.9	4	20	63	21	21	22.4	20	19.5	8.7	137.3	6
11531234	GPA 12G04(3)	12	G1/2	19.7	8.5	79.5	22.4	34.9	11.9	5	24	66	22	22	27	20	19.5	10	191.7	6