ONE-TOUCH FITTINGS

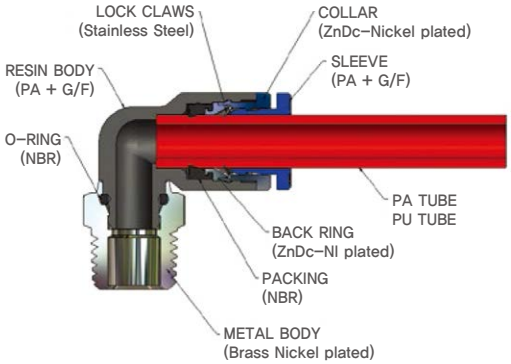
Application

- 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.

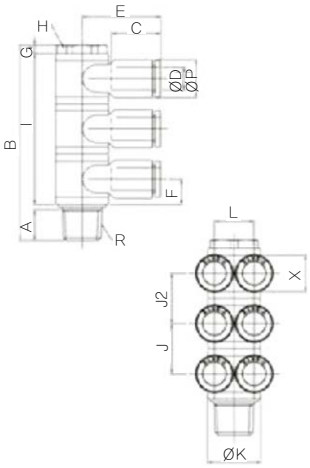
⚠ WARNING

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

GPA(D3)

Triple Branch A





MODEL [ØD-T] Tube (Metric)-Thread(R) (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
11530402	GPA 04M5(3)	4	M5	9	3.5	41.4	14.5	18.6	6.6	2.5	8	35.4	11.8	11.8	10	9.3	8.6	2	18.7	25
11530411	GPA 0401(3)	4	R1/8	9	8	55.5	14.5	20.6	7.3	2.5	13	43.5	14.5	14.5	14	9.3	8.6	3.2	37.7	25
11530412	GPA 0402(3)	4	R1/4	9	11	70	14.5	22.6	9	3	17	54	18	18	19	9.3	8.6	3.2	65.6	25
11530413	GPA 0403(3)	4	R3/8	9	12	81.8	14.5	24.6	10.5	4	21	63	21	21	22.4	9.3	8.6	3.2	102.6	25
11530611	GPA 0601(3)	6	R1/8	11.2	8	55.5	15.5	22	7.3	2.5	13	43.5	14.5	14.5	14	11.4	11	5	42.8	20
11530612	GPA 0602(3)	6	R1/4	11.2	11	70	15.5	23.5	9	3	17	54	18	18	19	11.4	11	5	70.2	20
11530613	GPA 0603(3)	6	R3/8	11.2	12	81.8	15.5	25.7	10.5	4	21	63	21	21	22.4	11.4	11	5	107.3	20
11530811	GPA 0801(3)	8	R1/8	13.6	8	55.5	17.8	25.6	8	2.5	13	43.5	14.5	14.5	14	14.2	13	5.2	51	16
11530812	GPA 0802(3)	8	R1/4	13.6	11	70	17.8	28.1	9	3	17	54	18	18	19	14.2	13	6.8	78.5	16
11530813	GPA 0803(3)	8	R3/8	13.6	12	81.8	17.8	29.8	10.5	4	21	63	21	21	22.4	14.2	13	7	112.3	12
11530814	GPA 0804(3)	8	R1/2	13.6	15	88.8	17.8	32.1	11	5	24	66	22	22	27	14.2	13	7	170.9	12
11531012	GPA 1002(3)	10	R1/4	16.3	11	70	19.4	27.5	9.7	3	17	54	18	18	19	17	16	7.3	82.3	9
11531013	GPA 1003(3)	10	R3/8	16.3	12	81.8	19.4	29.6	10.5	4	21	63	21	21	22.4	17	16	9	134.6	9
11531014	GPA 1004(3)	10	R1/2	16.3	15	88.8	19.4	31.5	11	5	24	66	22	22	27	17	16	9	190.4	9
11531213	GPA 1203(3)	12	R3/8	19.7	12	81.8	22.4	32.4	11.9	4	21	63	21	21	22.4	20	19.5	8.7	149	6
11531214	GPA 1204(3)	12	R1/2	19.7	15	88.8	22.4	34.9	11.9	5	24	66	22	22	27	20	19.5	10	204.8	6

*Rotating body construction after a proper installation.