ONE-TOUCH FITTINGS

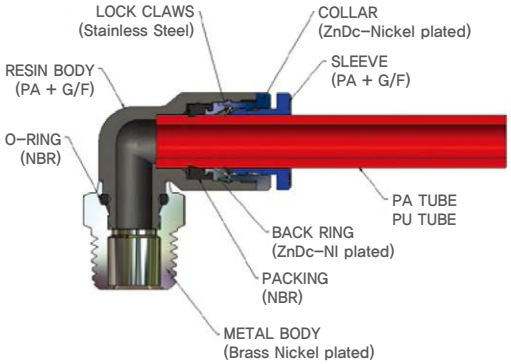
Application

- 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.

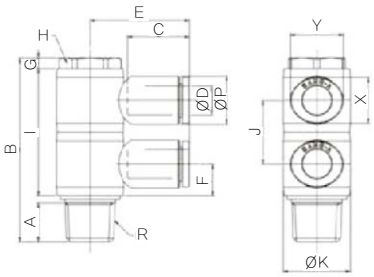
⚠ WARNING

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

GPH(D2)

Double Universal Elbow





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

CODE	MODEL	ØD	R	ØP	A	B	C	E	F	G	H	I	J	ØK	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/Inbox
11500302	GPH 03M5(2)	3	M5	9	3.5	29.6	14.5	19.5	6.6	2.5	8	23.6	11.8	10	8.6	10.8	2	10.2	25
11500402	GPH 04M5(2)	4	M5	9	3.5	29.6	14.5	19.5	6.6	2.5	8	23.6	11.8	10	8.6	10.8	2	10	25
11500411	GPH 0401(2)	4	R1/8	9	8	41	14.5	21.5	7.3	2.5	13	29	14.5	14	8.6	10.8	3.2	24.7	25
11500412	GPH 0402(2)	4	R1/4	9	11	52	14.5	24	9	3	17	36	18	19	8.6	10.8	3.2	46.9	25
11500413	GPH 0403(2)	4	R3/8	9	12	60.8	14.5	25.7	10.5	4	21	42	21	22.4	8.6	10.8	3.2	75.2	25
11500602	GPH 06M5(2)	6	M5	11.2	3.5	29.6	15.5	20.5	7.1	2.5	8	23.6	11.8	10	11	13	2	11.6	25
11500611	GPH 0601(2)	6	R1/8	11.2	8	41	15.5	22.5	7.3	2.5	13	29	14.5	14	11	13	5	26.2	25
11500612	GPH 0602(2)	6	R1/4	11.2	11	52	15.5	25	9	3	17	36	18	19	11	13	5	48.5	25
11500613	GPH 0603(2)	6	R3/8	11.2	12	60.8	15.5	26.7	10.5	4	21	42	21	22.4	11	13	5	76.8	25
11500811	GPH 0801(2)	8	R1/8	13.6	8	41	17.8	25.6	8	2.5	13	29	14.5	14	13	15	6	28.8	25
11500812	GPH 0802(2)	8	R1/4	13.6	11	52	17.8	28.1	9	3	17	36	18	19	13	15	7	51.1	25
11500813	GPH 0803(2)	8	R3/8	13.6	12	60.5	17.8	29.8	10.5	4	21	42	21	22.4	13	15	7	77.6	25
11500814	GPH 0804(2)	8	R1/2	13.6	15	66.8	17.8	32.1	11	5	24	44	22	27	13	15	7	125.2	25
11501012	GPH 1002(2)	10	R1/4	16.3	11	52	19.4	28.9	9.7	3	17	36	18	19	16	18.5	8	57.4	25
11501013	GPH 1003(2)	10	R3/8	16.3	12	60.8	19.4	30.6	10.5	4	21	42	21	22.4	16	18.5	9	82	20
11501014	GPH 1004(2)	10	R1/2	16.3	15	66.8	19.4	32.9	11	5	24	44	22	27	16	18.5	9	127.6	20
11501213	GPH 1203(2)	12	R3/8	19.7	12	60.8	22.4	35.9	11.9	4	21	42	21	22.4	19.5	22.5	9.2	90.5	9
11501214	GPH 1204(2)	12	R1/2	19.7	15	66.8	22.4	38.2	11.9	5	24	44	22	27	19.5	22.5	9.5	136.1	9

*Rotating body construction after a proper installation.