ONE-TOUCH FITTINGS

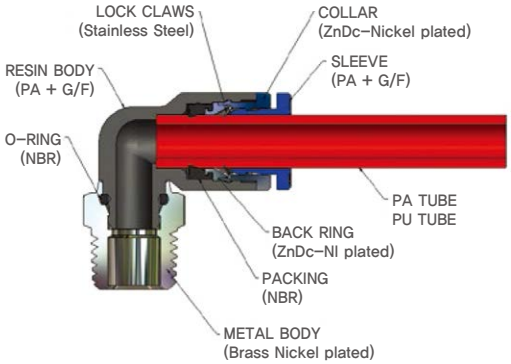
Application

- 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.

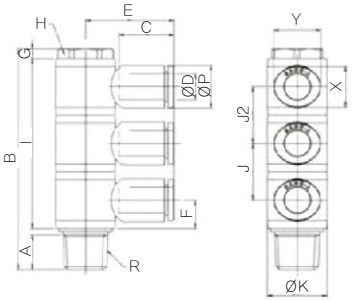
⚠ WARNING

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

GPH(D3)

Triple Universal Elbow





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

CODE	MODEL	ØD	R	ØP	A	B	C	E	F	G	H	I	J	J2	ØK	X	Y	Orifice (Ø mm)	W.G(g)	Q'ty/ Inbox
11510302	GPH 03M5(3)	3	M5	9	3.5	41.4	14.5	19.5	6.6	2.5	8	35.4	11.8	11.8	10	8.6	10.8	2	14.5	25
11510402	GPH 04M5(3)	4	M5	9	3.5	41.4	14.5	19.5	6.6	2.5	8	35.4	11.8	11.8	10	8.6	10.8	2	14.2	25
11510411	GPH 0401(3)	4	R1/8	9	8	55.5	14.5	21.5	7.3	2.5	13	43.5	14.5	14.5	14	8.6	10.8	3.2	33.5	25
11510412	GPH 0402(3)	4	R1/4	9	11	70	14.5	24	9	3	17	54	18	18	19	8.6	10.8	3.2	34.5	25
11510413	GPH 0403(3)	4	R3/8	9	12	81.8	14.5	25.7	10.5	4	21	63	21	21	22.4	8.6	10.8	3.2	98	25
11510602	GPH 06M5(3)	6	M5	11.2	3.5	41.4	15.5	20.5	7.1	2.5	8	35.4	11.8	11.8	10	11	13	2	16.6	25
11510611	GPH 0601(3)	6	R1/8	11.2	8	55.5	15.5	22.5	7.3	2.5	13	43.5	14.5	14.5	14	11	13	5	35.7	25
11510612	GPH 0602(3)	6	R1/4	11.2	11	71	15.5	25	9	3	17	54	18	18	19	11	13	5	63.8	25
11510613	GPH 0603(3)	6	R3/8	11.2	12	81.8	15.5	26.7	10.5	4	21	63	21	21	22.4	11	13	5	100.3	25
11510811	GPH 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	13	15	6	39.5	25
11510812	GPH 0802(3)	8	R1/4	13.6	11	70	17.8	28.1	9	3	17	54	18	18	19	13	15	7	67.7	25
11510813	GPH 0803(3)	8	R3/8	13.6	12	81.8	17.8	29.8	10.5	4	21	63	21	21	22.4	13	15	7	101.6	20
11510814	GPH 0804(3)	8	R1/2	13.6	15	88.8	17.8	32.1	11	5	24	66	22	22	27	13	15	7	161	20
11511012	GPH 1002(3)	10	R1/4	16.3	11	70	19.4	28.9	9.7	3	17	54	18	18	19	16	18.5	8	77.3	12
11511013	GPH 1003(3)	10	R3/8	16.3	12	81.8	19.4	30.6	10.5	4	21	63	21	21	22.4	16	18.5	9	108.2	12
11511014	GPH 1004(3)	10	R1/2	16.3	15	88.8	19.4	32.9	11	5	24	66	22	22	27	16	18.5	9	164.6	12
11511213	GPH 1203(3)	12	R3/8	19.7	12	81.8	22.4	35.9	11.9	4	21	63	21	21	22.4	19.5	22.5	9.2	120.9	9
11511214	GPH 1204(3)	12	R1/2	19.7	15	88.8	22.4	38.2	11.9	5	24	66	22	22	27	19.5	22.5	9.5	177.4	9

*Rotating body construction after a proper installation.