ONE-TOUCH FITTINGS

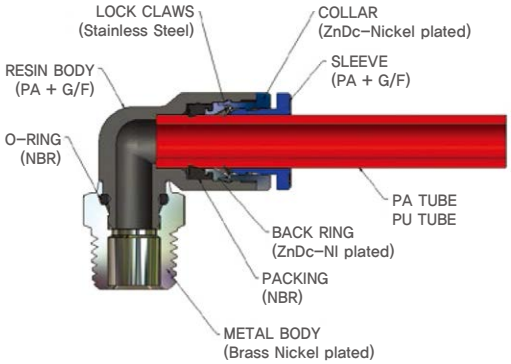
Application

- 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

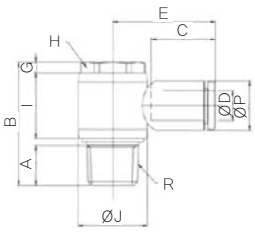
- Be sure to confirm that proper conditions are met(specifications), otherwise there may be air leakage by damage on the fitting body.

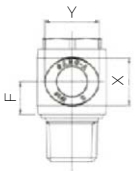
GPH

Male Banjo



R





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

CODE	MODEL	ØD	R	ØP	A	B	C	E	F	G	H	I	ØJ	X	Y	Orifice (Ø mm)	W.G(g)	Q'ty/ Inbox
11250302	GPH 03M5	3	M5	9	3.5	17.8	14.5	19.5	6.6	2.5	8	11.8	10	8.6	10.8	2	6	100
11250402	GPH 04M5	4	M5	9	3.5	17.8	14.5	19.5	6.6	2.5	8	11.8	10	8.6	10.8	2	5.9	100
11250411	GPH 0401	4	R1/8	9	8	26.5	14.5	21.5	7.3	2.5	13	14.5	14	8.6	10.8	3.2	16.1	50
11250412	GPH 0402	4	R1/4	9	11	34	14.5	24	9	3	17	18	19	8.6	10.8	3.2	31.4	50
11250413	GPH 0403	4	R3/8	9	12	39.8	14.5	25.7	10.5	4	21	21	22.4	8.6	10.8	3.2	52.6	50
11250602	GPH 06M5	6	M5	11.2	3.5	17.8	15.5	20.5	7.1	2.5	8	11.8	10	8.6	10.8	2	6.7	100
11250611	GPH 0601	6	R1/8	11.2	8	26.5	15.5	22.5	7.3	2.5	13	14.5	14	11	13	5	16.9	50
11250612	GPH 0602	6	R1/4	11.2	11	34	15.5	25	9	3	17	18	19	11	13	5	32.2	50
11250613	GPH 0603	6	R3/8	11.2	12	39.8	15.5	26.7	10.5	4	21	21	22.4	11	13	5	53.3	25
11250811	GPH 0801	8	R1/8	13.6	8	26.5	17.8	25.6	8	2.5	13	14.5	14	13	15	6	18.1	50
11250812	GPH 0802	8	R1/4	13.6	11	34	17.8	28.1	9	3	17	18	19	13	15	7	33.5	50
11250813	GPH 0803	8	R3/8	13.6	12	39.8	17.8	29.8	10.5	4	21	21	22.4	13	15	7	53.8	25
11250814	GPH 0804	8	R1/2	13.6	15	44.8	17.8	32.1	11	5	24	22	27	13	15	7	89.2	25
11251012	GPH 1002	10	R1/4	16.3	11	34	19.4	28.9	9.7	3	17	18	19	16	18.5	8	36.7	25
11251013	GPH 1003	10	R3/8	16.3	12	39.8	19.4	30.6	10.5	4	21	21	22.4	16	18.5	9	56	25
11251014	GPH 1004	10	R1/2	16.3	15	44.8	19.4	32.9	11	5	24	22	27	16	18.5	9	90.4	20
11251213	GPH 1203	12	R3/8	19.7	12	39.8	22.4	35.9	11.9	4	21	21	22.4	19.5	22.5	9.2	60.2	25
11251214	GPH 1204	12	R1/2	19.7	15	44.8	22.4	38.2	11.9	5	24	22	27	19.5	22.5	9.5	94.6	20

*Rotating body construction after a proper installation.