ONE-TOUCH FITTINGS

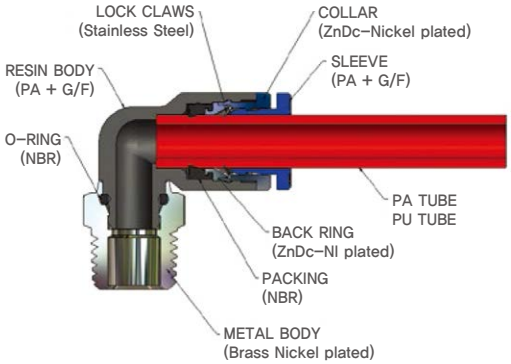
Application

- 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.

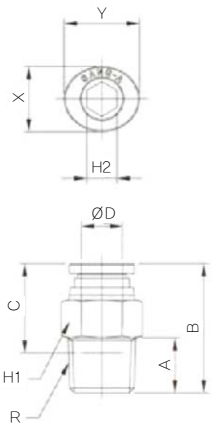
⚠ WARNING

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

GPC

Male Straight





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

CODE	MODEL	ØD	R	A	B	C	H1	H2	X	Y	Orifice (Ø mm)	W.G(g)	Q'ty/ Inbox
11010301	GPC 03M3	3	M3	3	20.4	14.5	8	1.5	8.6	10.8	1.2	4.5	100
11010302	GPC 03M5	3	M5	4	20.1	14.5	8	2	8.6	10.8	2	4.7	100
11010303	GPC 03M6	3	M6	5	21.1	14.5	9	2	8.6	10.8	2	6.8	100
11010401	GPC 04M3	4	M3	3	20.4	14.5	8	1.5	8.6	10.8	1.2	4.2	100
11010402	GPC 04M5	4	M5	4	20.1	14.5	8	2	8.6	10.8	2	4.5	100
11010403	GPC 04M6	4	M6	5	21.1	14.5	9	3	8.6	10.8	3	6.3	100
11010411	GPC 0401	4	R1/8	8	20.1	14.5	10	3	8.6	10.8	3	8.6	100
11010412	GPC 0402	4	R1/4	11	20.1	14.5	14	3	8.6	10.8	3	17.3	100
11010413	GPC 0403	4	R3/8	12	21.1	14.5	17	3	8.6	10.8	3	30	50
11010602	GPC 06M5	6	M5	4	21.8	15.5	11	2	11	13	2	8.3	100
11010603	GPC 06M6	6	M6	5	22.8	15.5	11	3	11	13	3	8	100
11010611	GPC 0601	6	R1/8	8	22	15.5	11	4	11	13	4	9.2	100
11010612	GPC 0602	6	R1/4	11	22.8	15.5	14	4	11	13	4	18.2	100
11010613	GPC 0603	6	R3/8	12	21.8	15.5	17	4	11	13	4	28.4	50
11010614	GPC 0604	6	R1/2	15	25.8	15.5	21	4	11	13	4	54.4	50
11010811	GPC 0801	8	R1/8	8	27.7	17.8	13	5	13	15	5	13.7	100
11010812	GPC 0802	8	R1/4	11	25.7	17.8	14	6	13	15	6	17.1	100
11010813	GPC 0803	8	R3/8	12	23.7	17.8	17	6	13	15	6	27.3	50
11010814	GPC 0804	8	R1/2	15	26.7	17.8	21	6	13	15	6	51.8	50
11011011	GPC 1001	10	R1/8	8	29.4	19.4	17	5	16	18.5	5	22.2	50
11011012	GPC 1002	10	R1/4	11	32.4	19.4	17	6	16	18.5	6	27.6	50
11011013	GPC 1003	10	R3/8	12	28.4	19.4	17	8	16	18.5	8	29.3	50
11011014	GPC 1004	10	R1/2	15	27.3	19.4	21	8	16	18.5	8	48.5	50
11011211	GPC 1201	12	R1/8	8	32.4	22.4	19	5	19.5	22.5	5	28.9	50
11011212	GPC 1202	12	R1/4	11	35.4	22.4	19	6	19.5	22.5	6	34.2	50
11011213	GPC 1203	12	R3/8	12	31.8	22.4	19	8	19.5	22.5	8	33.5	50
11011214	GPC 1204	12	R1/2	15	33.8	22.4	21	8	19.5	22.5	8	54.8	25
11011413	GPC 1403	14	R3/8	12	39	24.4	22	8	23	25	8	53.9	25
11011414	GPC 1404	14	R1/2	15	36.5	24.4	22	10	23	25	10	58.9	25
11011613	GPC 1603	16	R3/8	12	39.7	25	24	8	24	27	8	58.7	25
11011614	GPC 1604	16	R1/2	15	42.2	25	24	10	24	27	10	58.2	25

*Hexagonal wrench may be used for a proper tightening.