ONE-TOUCH FITTINGS

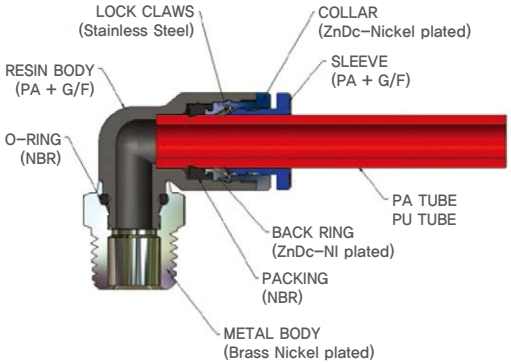
Application

- 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.

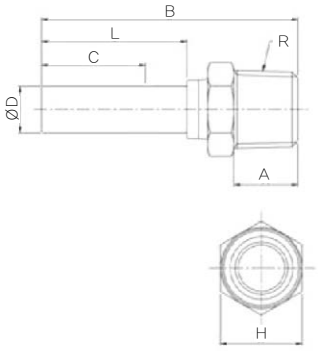
⚠ WARNING

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

GPCJ

Plug-in Male





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

CODE	MODEL	ØD	R	A	B	L	C	H	Orifice (Ømm)	W.G(g)	Q'ty/Inbox
11540402	GPCJ 04M5	4	M5	4	31.2	18	14.5	9	2	3.1	100
11540411	GPCJ 0401	4	R1/8	8	34.4	18	14.5	10	2.5	6.1	100
11540412	GPCJ 0402	4	R1/4	11	37.4	18	14.5	14	2.5	14.4	100
11540602	GPCJ 06M5	6	M5	4	36.2	23	15.5	9	2	3.3	100
11540611	GPCJ 0601	6	R1/8	8	39.4	23	15.5	10	4	6.3	100
11540612	GPCJ 0602	6	R1/4	11	42.2	23	15.5	14	4	14.6	50
11540613	GPCJ 0603	6	R3/8	12	43.4	23	15.5	17	4	23.1	50
11540811	GPCJ 0801	8	R1/8	8	41.5	25	17.8	10	6	6.1	50
11540812	GPCJ 0802	8	R1/4	11	44	25	17.8	14	6	14	50
11540813	GPCJ 0803	8	R3/8	12	45	25	17.8	17	6	22.4	50
11541012	GPCJ 1002	10	R1/4	11	49.1	27	19.4	17	8	18.8	25
11541013	GPCJ 1003	10	R3/8	12	48.6	27	19.4	17	8	20.6	25
11541014	GPCJ 1004	10	R1/2	15	51.6	27	19.4	21	8	38.5	25
11541212	GPCJ 1202	12	R1/4	11	51.1	29	22.4	17	8	19.7	25
11541213	GPCJ 1203	12	R3/8	12	50.6	29	22.4	17	9	21.5	25
11541214	GPCJ 1204	12	R1/2	15	53.6	29	22.4	21	9	39.4	25
11541413	GPCJ 1403	14	R3/8	12	56.5	30	24.4	20	11	33.1	12
11541414	GPCJ 1404	14	R1/2	15	59	30	24.4	21	11	46.1	12
11541613	GPCJ 1603	16	R3/8	12	57.5	31	25	20	11	33.7	12
11541614	GPCJ 1604	16	R1/2	15	60	31	25	21	13	46.7	12