ONE-TOUCH FITTINGS

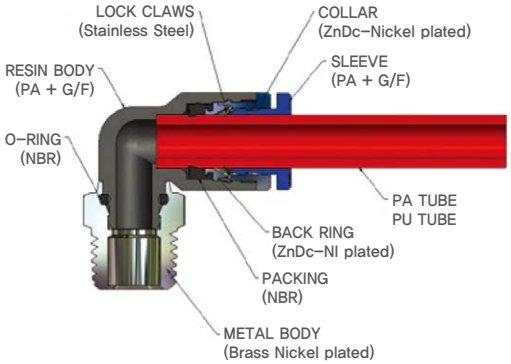
Application

- 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.

GPGJ

Plug-in Reducer



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

CODE	MODEL	ØD1	ØD2	ØP	B	C1	C2	E	X	Y	Orifice (Ø mm)	W.G(g)	Q'ty/ Inbox
11184300	GPGJ 0604	6	4	9	36.1	15.5	14.5	11.3	8.6	11	3.2	1.8	100
11184400	GPGJ 0804	8	4	9	63.9	17.8	14.5	11.3	8.6	11	3.2	2.1	100
11184500	GPGJ 0806	8	6	11.2	39.5	17.8	15.5	12.6	11	13	5	2.9	50
11184600	GPGJ 1006	10	6	11.2	40.3	19.4	15.5	12.6	11	13	5	3.2	50
11184700	GPGJ 1008	10	8	13.6	45.6	19.4	17.8	16.6	13	15	7	4.6	50
11184800	GPGJ 1206	12	6	11.8	45	22.4	15.5	16.3	11	13	5	4.3	25
11184900	GPGJ 1208	12	8	13.6	46.6	22.4	17.8	16.6	13	15	7	5.4	25
11185000	GPGJ 1210	12	10	16.3	46.6	22.4	19.4	15	16	19	9	6.7	25

