

Metric Size R(PT) Thread Type

— One -Touch Fittings

Compact One -Touch Fittings
Speed Controllers
Metal Body Speed Controllers
Rotary Joints
Stop Fittings
Check Valves
Ball Valves
Main Blocks
Hand Valves
Hand Slide Valves
Two-Touch Fittings

ONE-TOUCH FITTINGS

Application

- One-touch joints used in pneumatic piping.
- Used for a wide variety of models to meet all needs.

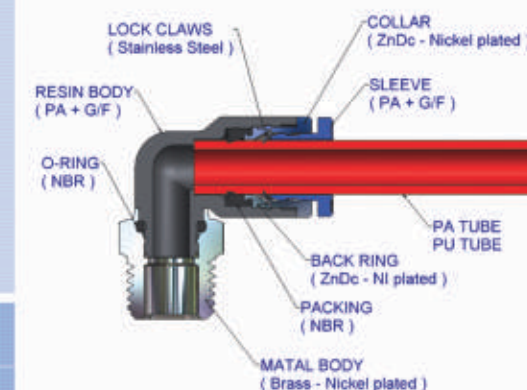
Feature

- 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.

Specification

Fluid	AIR(No other gases or liquids)	
Working Pressure Range	0 ~ 284PSI	0 ~ 20Kgf/cm ² (0~1960kPa)
Negative Pressure	-29.5 in Hg	-750mmHg(10Torr)
Temperature Range	32~176° F	0 ~ 80° C
Applicable Tube Material	Polyurethane and Nylon	

Structural Diagram



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.

►PL Model

- Flexible for directional tube laying given its revolving construction of body (PL and PT type)

►Elliptical Sleeve

- Elliptical sleeve makes it possible to apply and remove the tube easily in confined spaces.



Product Code System

GPC O8-O2

① ② ③

①Type

②Tube Dia(ØD)

Code	04	06	08	10	12	16
Dia	Ø4	Ø6	Ø8	Ø10	Ø12	Ø16

③Thread Size(T)

• Metric Thread & R(PT) Thread

	Metric Size		Taper Pipe Thread			
Code	M5	M6	01	02	03	04
Size	M5×0.8	M6×1.0	R1/8	R1/4	R3/8	R1/2

④ Color(Gray fitting can be produced)

	BK	GR
Color	Black	Gray



⚠ CAUTION

- Be sure to read the "Common Precautions" and the "Using Precautions of Fitting Series" (P12) 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.