ONE-TOUCH FITTINGS

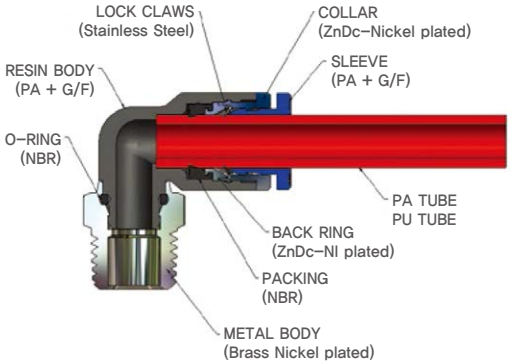
Application

- 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.

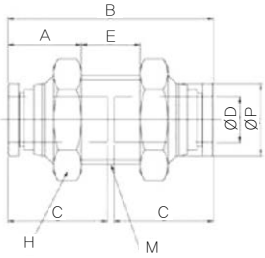
⚠ WARNING

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

GPMM

Bulkhead Union





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

CODE	MODEL	ØD	ØP	M	A	H	B	C	E	Orifice (Ømm)	W.G(g)	Q'ty/Inbox
11190400	GPMM 04	4	8.8	M12×1.0P	10.7	14	30	14.5	8.6	3.2	18.6	100
11190600	GPMM 06	6	11	M14×1.0P	11.3	17	31.9	15.5	9.4	5	25.5	50
11190800	GPMM 08	8	13	M16×1.0P	13.2	19	37	17.8	10.6	7	35.5	50
11191000	GPMM 10	10	15.5	M20×1.0P	13.6	24	40.1	19.4	12.9	9	60.7	25
11191200	GPMM 12	12	18.8	M22×1.0P	15.3	26	45.8	22.4	15.4	10	78.3	25