ONE-TOUCH FITTINGS

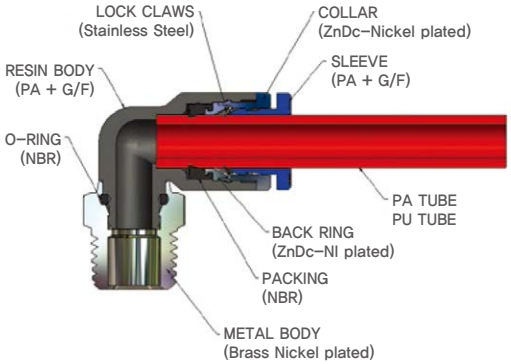
Application

- 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.

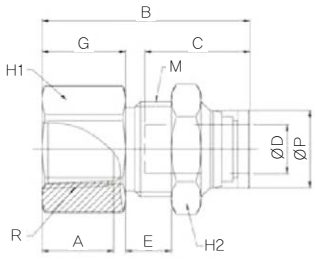
⚠ WARNING

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

GPMF

Bulkhead Female Straight





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

CODE	MODEL	ØD	Rc	ØP	M	G	A	B	C	E	H1	H2	Orifice (Ø mm)	W.G(g)	Q'ty/ Inbox
11200421	GPMF 0401	4	Rc1/8	8.8	M12×1.0P	11	9	25.1	14.5	3.4	14	14	3.2	18.3	100
11200422	GPMF 0402	4	Rc1/4	8.8	M12×1.0P	14	12	28.1	14.5	3.4	17	14	3.2	26	50
11200423	GPMF 0403	4	Rc3/8	8.8	M12×1.0P	15	13	29.1	14.5	3.4	19	14	3.2	27.5	50
11200621	GPMF 0601	6	Rc1/8	11	M14×1.0P	9	9	26.3	15.5	6	17	17	5	26.6	50
11200622	GPMF 0602	6	Rc1/4	11	M14×1.0P	14	12	31.3	15.5	6	17	17	5	31.4	50
11200623	GPMF 0603	6	Rc3/8	11	M14×1.0P	15	13	32.3	15.5	6	19	17	5	32.9	50
11200821	GPMF 0801	8	Rc1/8	13	M16×1.0P	8	9	28.9	17.8	7.7	19	19	7	39.9	50
11200822	GPMF 0802	8	Rc1/4	13	M16×1.0P	14	12	34.9	17.8	7.7	19	19	7	44.8	50
11200823	GPMF 0803	8	Rc3/8	13	M16×1.0P	15	13	35.9	17.8	7.7	19	19	7	41.8	50
11200824	GPMF 0804	8	Rc1/2	13	M16×1.0P	18	16	38.9	17.8	7.7	24	19	7	59.7	25
11201021	GPMF 1001	10	Rc1/8	15.5	M20×1.0P	10	9	29.3	19.4	5.7	22	24	7	54.8	25
11201022	GPMF 1002	10	Rc1/4	15.5	M20×1.0P	13	12	32.3	19.4	5.7	22	24	9	59.7	25
11201023	GPMF 1003	10	Rc3/8	15.5	M20×1.0P	15	13	34.3	19.4	5.7	22	24	9	58.3	25
11201024	GPMF 1004	10	Rc1/2	15.5	M20×1.0P	18	16	37.3	19.4	5.7	24	24	9	62.1	25
11201221	GPMF 1201	12	Rc1/8	18.8	M22×1.0P	9	9	32.4	22.4	8.2	24	26	8	69.4	25
11201222	GPMF 1202	12	Rc1/4	18.8	M22×1.0P	12	12	35.4	22.4	8.2	24	26	10	76.4	25
11201223	GPMF 1203	12	Rc3/8	18.8	M22×1.0P	14	13	37.4	22.4	8.2	24	26	10	76.1	25
11201224	GPMF 1204	12	Rc1/2	18.8	M22×1.0P	18	16	41.4	22.4	8.2	24	26	10	74.1	25