ONE-TOUCH FITTINGS

Application

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

Feature

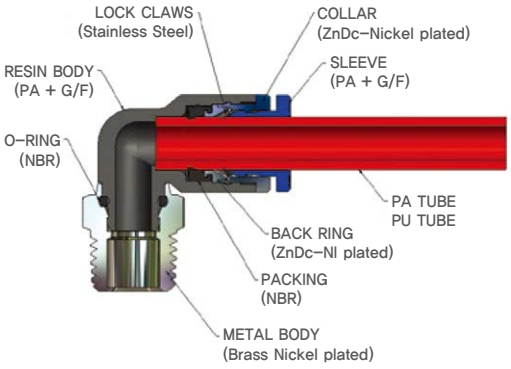
- Easy to connect/disconnect tube by one touch.
- PC type is useful for piping in confined space, given its six-angle wrench processing inside.
- Elliptical sleeve makes it possible to apply and remove the tube easily in confined space.
- Fittings are equipped with a Gasket, O-ring and Teflon-Treatment already on the thread.

Specification

Fluid	Air(No other gases or liquids)	
Working Pressure Range	0~284PSI	0~20Kgf/㎠(0~1960kPa)
Negative Pressure	-29.5inHg	-750mmHg(10Torr)
Temperature Range	32~176℉	0~80℃
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.

Product Code System

GPC 08 - G01

① ② ③

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

	Taper Pipe Thread			
Code	G01	G02	G03	G04
Size	G1/8	G1/4	G3/8	G1/2

⚠ 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.

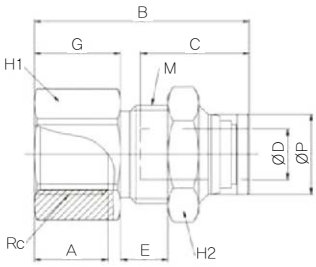
⚠ WARNING

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

GPMF-G

Bulkhead Female Straight





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

CODE	MODEL	ØD	Rc	ØP	M	G	A	B	C	E	H1	H2	Orifice (Ømm)	W.G(g)	Q'ty/Inbox
11200441	GPMF 04G01	4	G1/8	8.8	M12×1.0P	11	9	25.1	14.5	3.4	14	14	3.2	18	100
11200442	GPMF 04G02	4	G1/4	8.8	M12×1.0P	14	12	28.1	14.5	3.4	16	14	3.2	22.3	50
11200443	GPMF 04G03	4	G3/8	8.8	M12×1.0P	15	13	29.1	14.5	3.4	19	14	3.2	26.6	50
11200641	GPMF 06G01	6	G1/8	11	M14×1.0P	9	9	26.3	15.5	6	16	17	5	24.5	50
11200642	GPMF 06G02	6	G1/4	11	M14×1.0P	14	12	31.3	15.5	6	16	17	5	27.8	50
11200643	GPMF 06G03	6	G3/8	11	M14×1.0P	15	13	32.3	15.5	6	19	17	5	32.1	50
11200841	GPMF 08G01	8	G1/8	13	M16×1.0P	8	9	28.9	17.8	7.7	19	19	7	39.7	50
11200842	GPMF 08G02	8	G1/4	13	M16×1.0P	14	12	34.9	17.8	7.7	19	19	7	44.2	50
11200843	GPMF 08G03	8	G3/8	13	M16×1.0P	15	13	35.9	17.8	7.7	19	19	7	40.9	50
11200844	GPMF 08G04	8	G1/2	13	M16×1.0P	18	16	38.9	17.8	7.7	24	19	7	58.3	25
11201041	GPMF 10G01	10	G1/8	15.5	M20×1.0P	10	9	29.3	19.4	5.7	22	24	7	54.5	25
11201042	GPMF 10G02	10	G1/4	15.5	M20×1.0P	13	12	32.3	19.4	5.7	22	24	9	59.2	25
11201043	GPMF 10G03	10	G3/8	15.5	M20×1.0P	15	13	34.3	19.4	5.7	22	24	9	57.4	25
11201044	GPMF 10G04	10	G1/2	15.5	M20×1.0P	18	16	37.3	19.4	5.7	24	24	9	60.6	25
11201241	GPMF 12G01	12	G1/8	18.8	M22×1.0P	9	9	32.4	22.4	8.2	24	26	8	59.1	25
11201242	GPMF 12G02	12	G1/4	18.8	M22×1.0P	12	12	35.4	22.4	8.2	24	26	10	75.8	25
11201243	GPMF 12G03	12	G3/8	18.8	M22×1.0P	14	13	37.4	22.4	8.2	24	26	10	75.2	25
11201244	GPMF 12G04	12	G1/2	18.8	M22×1.0P	18	16	41.4	22.4	8.2	24	26	10	72.6	25