ONE-TOUCH FITTINGS

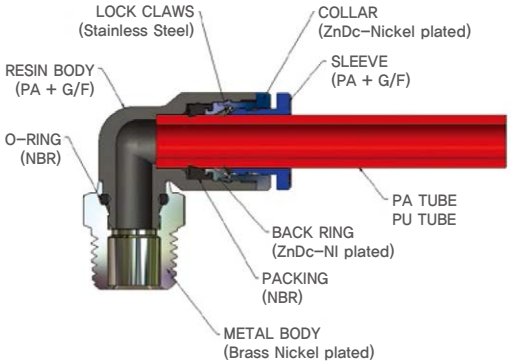
Application

- 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.

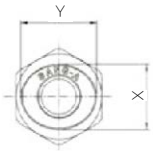
⚠ WARNING

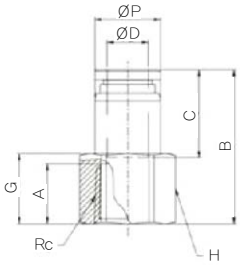
- Be sure to confirm that proper conditions are met(specifications), otherwise there may be air leakage by damage on the fitting body.

GPCF

Female Straight







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

CODE	MODEL	ØD	Rc	ØP	G	A	B	C	H	X	Y	Orifice (Ø mm)	W.G(g)	Q'ty/ Inbox
11230301	GPCF 03M3	3	M3	8.8	5	3.5	18	14.5	9	8.6	10.8	2.5	6.4	100
11230302	GPCF 03M5	3	M5	8.8	5	5	20.5	14.5	9	8.6	10.8	2.5	7.3	100
11230401	GPCF 04M3	4	M3	8.8	5	3.5	18	14.5	9	8.6	10.8	2.5	7.3	100
11230402	GPCF 04M5	4	M5	8.8	5	5	20.5	14.5	9	8.6	10.8	3.2	7	100
11230421	GPCF 0401	4	Rc1/8	8.8	11	9	24.4	14.5	13	8.6	10.8	3.2	13.5	100
11230422	GPCF 0402	4	Rc1/4	8.8	14	12	27.4	14.5	17	8.6	10.8	3.2	24.9	100
11230423	GPCF 0403	4	Rc3/8	8.8	15	13	28.4	14.5	19	8.6	10.8	3.2	26.3	50
11230621	GPCF 0601	6	Rc1/8	11	11	9	25.4	15.5	13	11	13	5	14.8	100
11230622	GPCF 0602	6	Rc1/4	11	14	12	28.4	15.5	17	11	13	5	26.1	50
11230623	GPCF 0603	6	Rc3/8	11	15	13	29.4	15.5	19	11	13	5	27.6	50
11230821	GPCF 0801	8	Rc1/8	13	10	9	27.7	17.8	13	13	15	7	16.4	50
11230822	GPCF 0802	8	Rc1/4	13	14	12	30.7	17.8	17	13	15	7	27.7	50
11230823	GPCF 0803	8	Rc3/8	13	15	13	31.7	17.8	19	13	15	7	29.2	50
11230824	GPCF 0804	8	Rc1/2	13	18	16	34.7	17.8	24	13	15	7	50.5	25
11231021	GPCF 1001	10	Rc1/8	15.5	10	9	29.4	19.4	17	16	18.5	7	29.9	50
11231022	GPCF 1002	10	Rc1/4	15.5	13	12	32.4	19.4	17	16	18.5	9	30.3	50
11231023	GPCF 1003	10	Rc3/8	15.5	15	13	33.4	19.4	19	16	18.5	9	32.5	25
11231024	GPCF 1004	10	Rc1/2	15.5	18	16	36.4	19.4	24	16	18.5	9	53.6	25
11231222	GPCF 1202	12	Rc1/4	18.8	12	12	35.4	22.4	19	19.5	22.5	10	45.3	25
11231223	GPCF 1203	12	Rc3/8	18.8	15	13	36.4	22.4	19	19.5	22.5	10	39.4	25
11231224	GPCF 1204	12	Rc1/2	18.8	18	16	39.4	22.4	24	19.5	22.5	10	60.6	25