ONE-TOUCH FITTINGS

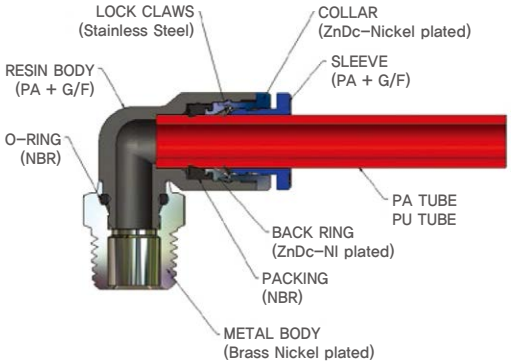
Application

- 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.

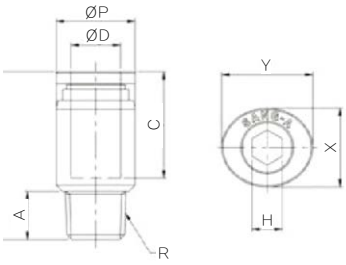
⚠ WARNING

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

GPOC

Round Male Straight





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

CODE	MODEL	ØD	R	ØP	A	B	C	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/Inbox
11220301	GPOC 03M3	3	M3	8.2	3	20.4	14.5	1.5	8.6	10.8	1.2	4.1	100
11220302	GPOC 03M5	3	M5	8.2	4	20.1	14.5	2	8.6	10.8	2	4.5	100
11220303	GPOC 03M6	3	M6	8.2	5	21.1	14.5	2	8.6	10.8	2	6	100
11220401	GPOC 04M3	4	M3	8.2	3	20.4	14.5	1.5	8.6	10.8	1.2	3.9	100
11220402	GPOC 04M5	4	M5	8.2	4	20.1	14.5	2	8.6	10.8	2	4.2	100
11220403	GPOC 04M6	4	M6	8.8	5	21.1	14.5	3	8.6	10.8	3	5.5	100
11220411	GPOC 0401	4	R1/8	10	8	20.1	14.5	3	8.6	10.8	3	8	100
11220412	GPOC 0402	4	R1/4	13.5	11	20.1	14.5	3	8.6	10.8	3	16.6	100
11220413	GPOC 0403	4	R3/8	17	12	21.1	14.5	3	8.6	10.8	3	29.2	50
11220602	GPOC 06M5	6	M5	11	4	21.8	15.5	2	11	13	2	7.2	100
11220603	GPOC 06M6	6	M6	11	5	22.8	15.5	3	11	13	3	7.8	100
11220611	GPOC 0601	6	R1/8	11	8	22	15.5	4	11	13	4	8.6	100
11220612	GPOC 0602	6	R1/4	13.5	11	22.8	15.5	4	11	13	4	16.8	100
11220613	GPOC 0603	6	R3/8	17	12	21.8	15.5	4	11	13	4	27.8	50
11220811	GPOC 0801	8	R1/8	13	8	27.7	17.8	5	13	15	5	13.1	100
11220812	GPOC 0802	8	R1/4	13.5	11	25.7	17.8	6	13	15	6	15.5	100
11220813	GPOC 0803	8	R3/8	17	12	23.7	17.8	6	13	15	6	25.9	50
11220814	GPOC 0804	8	R1/2	21	15	26.7	17.8	6	13	15	6	50.5	50
11221011	GPOC 1001	10	R1/8	15.5	8	29.4	19.4	5	16	18.5	5	18	50
11221012	GPOC 1002	10	R1/4	15.5	11	32.4	19.4	6	16	18.5	6	23.3	50
11221013	GPOC 1003	10	R3/8	17	12	28.4	19.4	8	16	18.5	8	25.7	50
11221014	GPOC 1004	10	R1/2	21	15	27.3	19.4	8	16	18.5	8	46.7	50
11221211	GPOC 1201	12	R1/8	18.8	8	32.4	22.4	5	19.5	22.5	5	24.5	50
11221212	GPOC 1202	12	R1/4	18.8	11	35.4	22.4	6	19.5	22.5	6	29.7	50
11221213	GPOC 1203	12	R3/8	18.8	12	31.8	22.4	8	19.5	22.5	8	30.2	50
11221214	GPOC 1204	12	R1/2	21	15	33.8	22.4	8	19.5	22.5	8	50.6	25

*Hexagonal wrench may be used for a proper tightening.