ONE-TOUCH FITTINGS

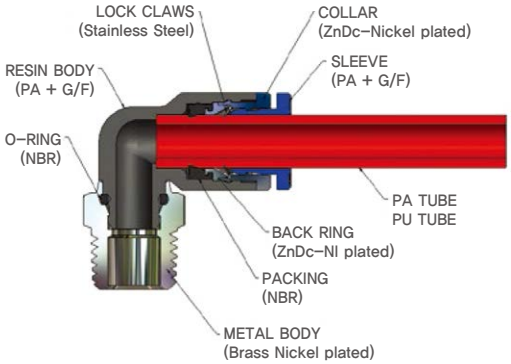
Application

- 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.

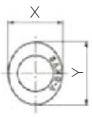
⚠ WARNING

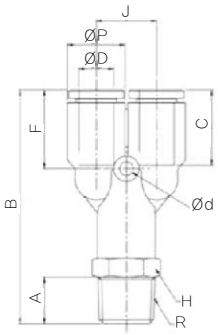
- Be sure to confirm that proper conditions are met(specifications), otherwise there may be air leakage by damage on the fitting body.

GPWT

Male Y







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

CODE	MODEL	ØD	R	ØP	A	B	C	Ød	J	F	H	X	Y	Orifice (Ø mm)	W.G(g)	Q'ty/ Inbox
11090402	GPWT 04M5	4	M5	9	4	37.4	14.5	3.2	9.3	13.2	9	8.6	10.8	2	8.9	50
11090403	GPWT 04M6	4	M6	9	5	38.4	14.5	3.2	9.3	13.2	9	8.6	10.8	2.1	9.4	50
11090411	GPWT 0401	4	R1/8	9	8	40.6	14.5	3.2	9.3	13.2	10	8.6	10.8	2.1	11.6	50
11090412	GPWT 0402	4	R1/4	9	11	43.6	14.5	3.2	9.3	13.2	14	8.6	10.8	2.1	20.5	50
11090413	GPWT 0403	4	R3/8	9	12	44.6	14.5	3.2	9.3	13.2	17	8.6	10.8	2.1	28.8	50
11090602	GPWT 06M5	6	M5	11.2	4	40.5	15.5	3.2	11.4	14.1	11	11	13	2	12.9	50
11090603	GPWT 06M6	6	M6	11.2	5	41.5	15.5	3.2	11.4	14.1	11	11	13	3	13.3	50
11090611	GPWT 0601	6	R1/8	11.2	8	43.7	15.5	3.2	11.4	14.1	11	11	13	3.6	15.2	50
11090612	GPWT 0602	6	R1/4	11.2	11	46.7	15.5	3.2	11.4	14.1	14	11	13	3.6	23.1	50
11090613	GPWT 0603	6	R3/8	11.2	12	47.7	15.5	3.2	11.4	14.1	17	11	13	3.6	35.2	25
11090614	GPWT 0604	6	R1/2	11.3	15	51.7	15.5	3.2	11.4	14.1	21	11	13	3.6	52.6	25
11090811	GPWT 0801	8	R1/8	13.6	8	52.6	17.8	3.2	14.2	18.6	13	13	15	5.4	23.3	50
11090812	GPWT 0802	8	R1/4	13.6	11	55.1	17.8	3.2	14.2	18.6	14	13	15	5.4	27.9	50
11090813	GPWT 0803	8	R3/8	13.6	12	56.1	17.8	3.2	14.2	18.6	17	13	15	5.4	36.2	25
11090814	GPWT 0804	8	R1/2	13.6	15	60.1	17.8	3.2	14.2	18.6	21	13	15	5.4	57.2	25
11091011	GPWT 1001	10	R1/8	16.3	8	53	19.4	4.2	17	18	17	16	18.5	6	30.6	25
11091012	GPWT 1002	10	R1/4	16.3	11	56	19.4	4.2	17	18	17	16	18.5	6.4	35.2	25
11091013	GPWT 1003	10	R3/8	16.3	12	58	19.4	4.2	17	18	17	16	18.5	6.4	40.8	25
11091014	GPWT 1004	10	R1/2	16.3	15	61	19.4	4.2	17	18	21	16	18.5	6.4	59.8	25
11091211	GPWT 1201	12	R1/8	19.7	8	62.9	22.4	4.2	20	23.9	19	19.5	22.5	6	49	25
11091212	GPWT 1202	12	R1/4	19.7	11	65.9	22.4	4.2	20	23.9	19	19.5	22.5	7.3	53.7	20
11091213	GPWT 1203	12	R3/8	19.7	12	67.9	22.4	4.2	20	23.9	19	19.5	22.5	7.3	59.5	20
11091214	GPWT 1204	12	R1/2	19.7	15	70.9	22.4	4.2	20	23.9	21	19.5	22.5	7.3	74.9	20

*Rotating body construction after a proper installation.