ONE-TOUCH FITTINGS

Application

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

Feature

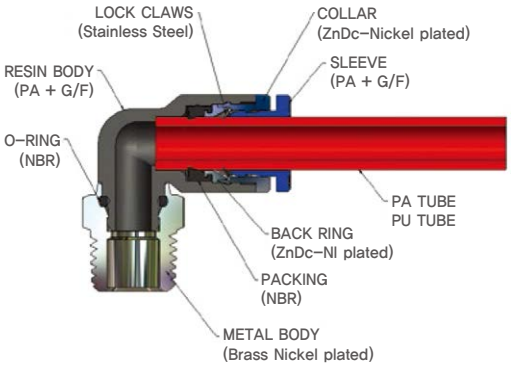
- Easy to connect/disconnect tube by one touch.
- PC type is useful for piping in confined space, given its six-angle wrench processing inside.
- Elliptical sleeve makes it possible to apply and remove the tube easily in confined space.
- Fittings are equipped with a Gasket, O-ring and Teflon-Treatment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

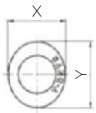
⚠ WARNING

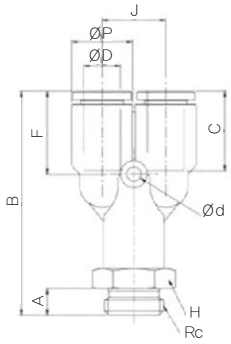
- Be sure to confirm that proper conditions are met(specifications), otherwise there may be air leakage by damage on the fitting body.

GPWT–G

Male Y







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

CODE	MODEL	ØD	R	ØP	A	B	C	Ød	J	F	H	X	Y	Orifice (Ømm)	W.G(g)	Q´ty/Inbox
11090431	GPWT 04G01	4	G1/8	9	5	37.4	14.5	3.2	9.3	13.2	13	8.6	10.8	2.1	11.7	50
11090432	GPWT 04G02	4	G1/4	9	6	38.1	14.5	3.2	9.3	13.2	16	8.6	10.8	2.1	16.5	50
11090433	GPWT 04G03	4	G3/8	9	7	34.6	14.5	3.2	9.3	13.2	20	8.6	10.8	2.1	24.2	50
11090631	GPWT 06G01	6	G1/8	11.2	5	40.5	15.5	3.2	11.4	14.1	13	11	13	3.6	14.2	50
11090632	GPWT 06G02	6	G1/4	11.2	6	41.2	15.5	3.2	11.4	14.1	16	11	13	3.6	19.0	50
11090633	GPWT 06G03	6	G3/8	11.2	7	42.7	15.5	3.2	11.4	14.1	20	11	13	3.6	26.4	25
11090634	GPWT 06G04	6	G1/2	11.2	8.5	44.7	15.5	3.2	11.4	14.1	24	11	13	3.6	43.2	25
11090831	GPWT 08G01	8	G1/8	13.6	5	48.9	17.8	3.2	14.2	18.6	13	13	15	5.4	20.1	50
11090832	GPWT 08G02	8	G1/4	13.6	6	50.1	17.8	3.2	14.2	18.6	16	13	15	5.4	24.9	50
11090833	GPWT 08G03	8	G3/8	13.6	7	51.1	17.8	3.2	14.2	18.6	20	13	15	5.4	31.4	25
11090834	GPWT 08G04	8	G1/2	13.6	8.5	53.1	17.8	3.2	14.2	18.6	24	13	15	5.4	47.3	25
11091031	GPWT 10G01	10	G1/8	16.3	5	53.8	19.4	4.2	17	18	17	16	18.5	6	33.1	25
11091032	GPWT 10G02	10	G1/4	16.3	6	54.5	19.4	4.2	17	18	17	16	18.5	6.4	35.6	25
11091033	GPWT 10G03	10	G3/8	16.3	7	53	19.4	4.2	17	18	20	16	18.5	6.4	36.4	25
11091034	GPWT 10G04	10	G1/2	16.3	8.5	54.5	19.4	4.2	17	18	24	16	18.5	6.4	51.2	25
11091231	GPWT 12G01	12	G1/8	19.7	5	63.7	22.4	4.2	20	23.9	19	19.5	22.5	6	54	25
11091232	GPWT 12G02	12	G1/4	19.7	6	64.4	22.4	4.2	20	23.9	19	19.5	22.5	7.3	56.3	20
11091233	GPWT 12G03	12	G3/8	19.7	7	62.9	22.4	4.2	20	23.9	20	19.5	22.5	7.3	52.5	20
11091234	GPWT 12G04	12	G1/2	19.7	8.5	64.4	22.4	4.2	20	23.9	24	19.5	22.5	7.3	69	20