ONE-TOUCH FITTINGS

Application

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

Feature

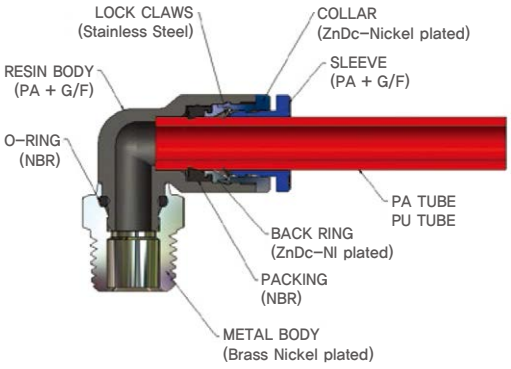
- Easy to connect/disconnect tube by one touch.
- PC type is useful for piping in confined space, given its six-angle wrench processing inside.
- Elliptical sleeve makes it possible to apply and remove the tube easily in confined space.
- Fittings are equipped with a Gasket, O-ring and Teflon-Treatment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

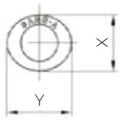
⚠ WARNING

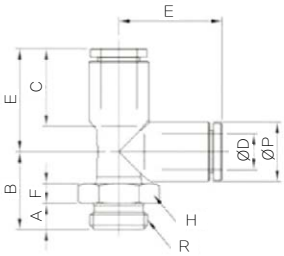
- Be sure to confirm that proper conditions are met(specifications), otherwise there may be air leakage by damage on the fitting body.

GPST-G

Male Run Tee







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

CODE	MODEL	ØD	R	ØP	A	B	C	E	F	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/Inbox
11070431	GPST 04G01	4	G1/8	9	5	14.6	14.5	17.1	4.5	13	8.6	10.8	4	9.6	50
11070432	GPST 04G02	4	G1/4	9	6	15.3	14.5	17.1	4.5	16	8.6	10.8	4	15	50
11070433	GPST 04G03	4	G3/8	9	7	16.8	14.5	17.1	5	20	8.6	10.8	4	24	50
11070631	GPST 06G01	6	G1/8	11.2	5	15.7	15.5	18	4.5	13	11	13	4	11.4	50
11070632	GPST 06G02	6	G1/4	11.2	6	16.4	15.5	18	4.5	16	11	13	4	16.7	50
11070633	GPST 06G03	6	G3/8	11.2	7	17.9	15.5	18	5	20	11	13	4	25.8	50
11070634	GPST 06G04	6	G1/2	11.2	8.5	19.9	15.5	18	5.5	24	11	13	4	41.8	25
11070831	GPST 08G01	8	G1/8	13.6	5	19.6	17.8	23.6	7	13	13	15	5.5	17.6	50
11070832	GPST 08G02	8	G1/4	13.6	6	17.8	17.8	23.6	4.5	16	13	15	5.5	20.3	50
11070833	GPST 08G03	8	G3/8	13.6	7	18.8	17.8	23.6	4.5	20	13	15	5.5	28.4	25
11070834	GPST 08G04	8	G1/2	13.6	8.5	20.8	17.8	23.6	5	24	13	15	5.5	44.1	25
11071031	GPST 10G01	10	G1/8	16.3	5	21.9	19.4	25	5.5	15	16	18.5	6	21.6	25
11071032	GPST 10G02	10	G1/4	16.3	6	22.6	19.4	25	7.5	16	16	18.5	8	25.5	25
11071033	GPST 10G03	10	G3/8	16.3	7	21.1	19.4	25	5	20	16	18.5	9	28.9	25
11071034	GPST 10G04	10	G1/2	16.3	8.5	22.6	19.4	25	5	24	16	18.5	9	44	25
11071231	GPST 12G01	12	G1/8	19.7	5	23.8	22.4	32.2	5.5	15	19.5	22.5	6	32.2	20
11071232	GPST 12G02	12	G1/4	19.7	6	24.5	22.4	32.2	7.5	16	19.5	22.5	8	36	20
11071233	GPST 12G03	12	G3/8	19.7	7	23	22.4	32.2	5	20	19.5	22.5	9.5	39.4	20
11071234	GPST 12G04	12	G1/2	19.7	8.5	24.5	22.4	32.2	5	24	19.5	22.5	9.5	54.5	20
11071433	GPST 14G03	14	G3/8	23.5	7	30.5	24.4	31.9	11	20	23	25	11.5	61.1	16
11071434	GPST 14G04	14	G1/2	23.5	8.5	26	24.4	31.9	5	24	23	25	12	60.6	16
11071633	GPST 16G03	16	G3/8	25.6	7	31.5	25	34	11	20	24	27	11.5	61.4	16
11071634	GPST 16G04	16	G1/2	25.6	8.5	27	25	34	5	24	24	27	13	61	16