ONE-TOUCH FITTINGS

Application

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

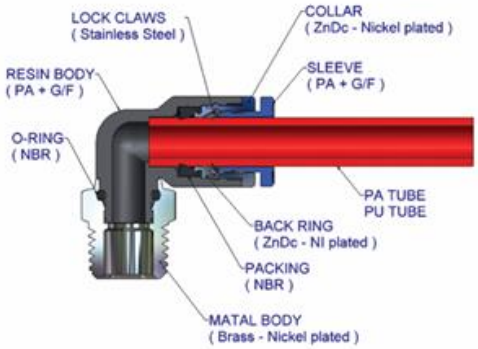
Feature

- 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	-29.5 in Hg	-750mmHg(10Torr)
Temperature Range	32~176°F	0 ~ 80°C
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.

▶PL Model

- Flexible for directional tube laying given its revolving construction of body (PL and PT type)

▶Elliptical Sleeve

- Elliptical sleeve makes it possible to apply and remove the tube easily in confined spaces.

Product Code System

GPC 08-02 (① ② ③)

GPC 08-02 GR (① ② ③ ④)

①Type

②Tube Dia(ØD)

Code	04	06	08	10	12	16
Dia	Ø4	Ø6	Ø8	Ø10	Ø12	Ø16

③Thread Size(T)

× Metric Thread & R(PT) Thread

	Metric Size		Taper Pipe Thread			
Code	M5	M6	01	02	03	04
Size	M5×0.8	M6×1.0	R1/8	R1/4	R3/8	R1/2

④ Color(Gray fitting can be produced)

	BK	GR
Color	Black	Gray



⚠ CAUTION

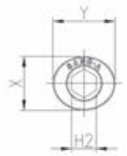
- Be sure to read the "Common Precautions" and the "Using Precautions of Fitting Series" (P12) before using.
- In putting tube on the fitting, be sure to push it deeply into the inside.
  In case of incorrect installation, there is a risk of air leakage or loose tube.

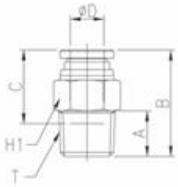
⚠ WARNING

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

GPC
Male Straight







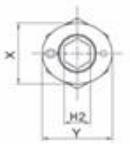
MODEL[ØD-T] Tube(Metric)–Thread(R)

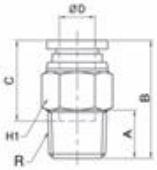
MODEL	ØD	R	A	B	C	H1	H2	X	Y	Orifice (Ømm)	W.G(g)	Qty/ Inbox
GPC 03M3	3	M3	3	20.4	14.5	8	1.5	8.6	10.8	1.2	4.5	100
GPC 03M5	3	M5	4	20.1	14.5	8	2	8.6	10.8	2	4.7	100
GPC 03M6	3	M6	5	21.1	14.5	9	2	8.6	10.8	2	6.8	100
GPC 04M3	4	M3	3	20.4	14.5	8	1.5	8.6	10.8	1.2	4.2	100
GPC 04M5	4	M5	4	20.1	14.5	8	2	8.6	10.8	2	4.5	100
GPC 04M6	4	M6	5	21.1	14.5	9	3	8.6	10.8	3	6.3	100
GPC 0401	4	R1/8	8	20.1	14.5	10	3	8.6	10.8	3	8.6	100
GPC 0402	4	R1/4	11	20.1	14.5	14	3	8.6	10.8	3	17.3	100
GPC 0403	4	R3/8	12	21.1	14.5	17	3	8.6	10.8	3	30.0	50
GPC 06M5	6	M5	4	21.8	15.5	11	2	11	13	2	8.3	100
GPC 06M6	6	M6	5	22.8	15.5	11	3	11	13	3	8.0	100
GPC 0601	6	R1/8	8	22	15.5	11	4	11	13	4	9.2	100
GPC 0602	6	R1/4	11	22.8	15.5	14	4	11	13	4	18.2	100
GPC 0603	6	R3/8	12	21.8	15.5	17	4	11	13	4	28.4	50
GPC 0604	6	R1/2	15	25.8	15.5	21	4	11	13	4	54.4	50
GPC 0801	8	R1/8	8	27.7	17.8	13	5	13	15	5	13.7	100
GPC 0802	8	R1/4	11	25.7	17.8	14	6	13	15	6	17.1	100
GPC 0803	8	R3/8	12	23.7	17.8	17	6	13	15	6	27.3	50
GPC 0804	8	R1/2	15	26.7	17.8	21	6	13	15	6	51.8	50
GPC 1001	10	R1/8	8	29.4	19.4	17	5	16	18.5	5	22.2	50
GPC 1002	10	R1/4	11	32.4	19.4	17	6	16	18.5	6	27.6	50
GPC 1003	10	R3/8	12	28.4	19.4	17	8	16	18.5	8	29.3	50
GPC 1004	10	R1/2	15	27.3	19.4	21	8	16	18.5	8	48.5	50
GPC 1201	12	R1/8	8	32.4	22.4	19	5	19.5	22.5	5	28.9	50
GPC 1202	12	R1/4	11	35.4	22.4	19	6	19.5	22.5	6	34.2	50
GPC 1203	12	R3/8	12	31.8	22.4	19	8	19.5	22.5	8	33.5	50
GPC 1204	12	R1/2	15	33.8	22.4	21	8	19.5	22.5	8	54.8	25
GPC 1403	14	R3/8	12	39	24.4	22	8	23	25	8	53.9	25
GPC 1404	14	R1/2	15	36.5	24.4	22	10	23	25	10	58.9	25
GPC 1603	16	R3/8	12	39.7	25	24	8	24	27	8	58.7	25
GPC 1604	16	R1/2	15	42.2	25	24	10	24	27	10	58.2	25

*Hexagonal wrench may be used for a proper tightening.

PC
Male Straight







MODEL[ØD-T] Tube(Inch) – Thread(R)

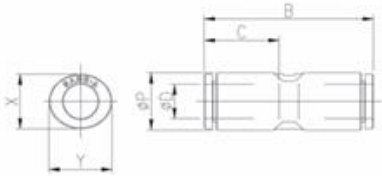
MODEL	ØD	R	A	B	C	H1	H2	X	Y	Orifice (Ømm)	W.G(g)	Qty/ Inbox
PC 5/32-R01	5/32	R1/8	8	22.2	16	10	3	10	12	3	9.4	100
PC 5/32-R02	5/32	R1/4	11	22.2	16	14	3	10	12	3	15.5	100
PC 5/32-R03	5/32	R3/8	12	22.2	16	17	3	10	12	3	26.1	50
PC 3/16-R01	3/16	R1/8	8	22.2	16	10	3	11	13	4	9.3	100
PC 3/16-R02	3/16	R1/4	11	22.2	16	14	3	11	13	4	16.5	100
PC 3/16-R03	3/16	R3/8	12	22.2	16	17	3	11	13	4	27.3	50
PC 1/4-R01	1/4	R1/8	8	23.2	17	12	4	12	14	4	10.3	100
PC 1/4-R02	1/4	R1/4	11	25.2	17	14	4	12	14	4	17.5	100
PC 1/4-R03	1/4	R3/8	12	24.7	17	17	4	12	14	4	24.1	50
PC 1/4-R04	1/4	R1/2	15	27.3	17	21	4	12	14	4	47.8	50
PC 5/16-R01	5/16	R1/8	8	28.5	18.5	14	4	14	16	4	16.4	100
PC 5/16-R02	5/16	R1/4	11	27	18.5	14	6	14	16	6	18.1	100
PC 5/16-R03	5/16	R3/8	12	25.3	18.5	17	6	14	16	6	25.8	50
PC 5/16-R04	5/16	R1/2	15	28.3	18.5	21	6	14	16	6	49.6	50
PC 3/8-R01	3/8	R1/8	8	31	21	17	4	17	19	4	25.6	50
PC 3/8-R02	3/8	R1/4	11	34	21	17	6	17	19	6	29.6	50
PC 3/8-R03	3/8	R3/8	12	30	21	17	8	17	19	8	27.7	50
PC 3/8-R04	3/8	R1/2	15	29.5	21	21	8	17	19	8	48.8	50
PC 1/2-R01	1/2	R1/8	8	32.8	22.5	21	4	21	23	4	37.9	50
PC 1/2-R02	1/2	R1/4	11	35.5	22.5	21	6	21	23	6	41.7	50
PC 1/2-R03	1/2	R3/8	12	31.1	22.5	21	8	21	23	8	39	50
PC 1/2-R04	1/2	R1/2	15	33.1	22.5	21	8	21	23	8	50.6	25

GPUC
Union Straight



MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD	ØP	B	C	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPUC 03	3	9	30.2	14.5	8.6	10.8	2.5	3.3	100
GPUC 04	4	9	30.2	14.5	8.6	10.8	3.2	3.1	100
GPUC 06	6	11.2	32	15.5	11	13	5	4.8	50
GPUC 08	8	13.6	40.2	17.8	13	15	7	8.8	50
GPUC 10	10	16.3	40	19.4	16	18.5	9	10.6	50
GPUC 12	12	19.7	54.8	22.4	19.5	22.5	10	20.9	25
GPUC 14	14	23.5	50.8	24.4	23	25	12	32.7	20
GPUC 16	16	25.6	52	25	24	27	14	32.8	20



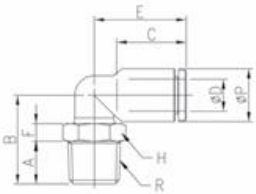
Metric Size R(PT) Thread Type

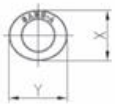
Sang-A

One -Touch Fittings

GPL
Male Elbow







MODEL[ØD-T] Tube(Metric)–Thread(R)

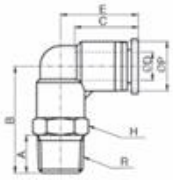
MODEL	ØD	R	ØP	A	B	C	E	F	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPL 03M3	3	M3	9	3	14.6	14.5	17.1	5.4	9	8.6	10.8	1.2	4.5	100
GPL 03M5	3	M5	9	4	14.6	14.5	17.1	4.4	9	8.6	10.8	2	4.7	100
GPL 03M6	3	M6	9	5	15.6	14.5	17.1	4.4	9	8.6	10.8	2.5	5.2	100
GPL 04M3	4	M3	9	3	14.6	14.5	17.1	5.4	9	8.6	10.8	1.2	4.4	100
GPL 04M5	4	M5	9	4	14.6	14.5	17.1	4.4	9	8.6	10.8	2	4.6	100
GPL 04M6	4	M6	9	5	15.6	14.5	17.1	4.4	9	8.6	10.8	3	5.0	100
GPL 0401	4	R1/8	9	8	17.8	14.5	17.1	5	10	8.6	10.8	3.2	7.9	100
GPL 0402	4	R1/4	9	11	20.8	14.5	17.1	5	14	8.6	10.8	3.2	17.0	100
GPL 0403	4	R3/8	9	12	21.8	14.5	17.1	5	17	8.6	10.8	3.2	26.4	50
GPL 06M5	6	M5	11.2	4	15.7	15.5	18	4.4	9	11	13	2	5.4	100
GPL 06M6	6	M6	11.2	5	16.7	15.5	18	4.4	9	11	13	3	5.9	100
GPL 0601	6	R1/8	11.2	8	18.9	15.5	18	5	10	11	13	4	8.7	100
GPL 0602	6	R1/4	11.2	11	21.9	15.5	18	5	14	11	13	4	17.8	50
GPL 0603	6	R3/8	11.2	12	22.9	15.5	18	5	17	11	13	4	27.2	50
GPL 0604	6	R1/2	11.2	15	26.9	15.5	18	6	21	11	13	4	49.5	25
GPL 0801	8	R1/8	13.6	8	20.3	17.8	23.6	5	10	13	15	5.5	10.4	50
GPL 0802	8	R1/4	13.6	11	22.8	17.8	23.6	4.5	14	13	15	5.5	19.1	50
GPL 0803	8	R3/8	13.6	12	23.8	17.8	23.6	4.5	17	13	15	5.5	28.4	50
GPL 0804	8	R1/2	13.6	15	27.8	17.8	23.6	5.5	21	13	15	5.5	50.7	25
GPL 1001	10	R1/8	16.3	8	23.6	19.4	25	6.5	17	16	18.5	6	20.8	50
GPL 1002	10	R1/4	16.3	11	26.6	19.4	25	6.5	17	16	18.5	8	25.5	25
GPL 1003	10	R3/8	16.3	12	26.1	19.4	25	5	17	16	18.5	9	27.5	25
GPL 1004	10	R1/2	16.3	15	29.1	19.4	25	5	21	16	18.5	9	47.2	25
GPL 1201	12	R1/8	19.7	8	25.5	22.4	32.2	6.5	17	19.5	22.5	6	26.4	25
GPL 1202	12	R1/4	19.7	11	28.5	22.4	32.2	6.5	17	19.5	22.5	8	31.1	25
GPL 1203	12	R3/8	19.7	12	28	22.4	32.2	5	17	19.5	22.5	9.5	33.1	25
GPL 1204	12	R1/2	19.7	15	31	22.4	32.2	5	21	19.5	22.5	9.5	52.8	25
GPL 1403	14	R3/8	23.5	12	35	24.4	31.9	10.5	20	23	25	11	52.7	20
GPL 1404	14	R1/2	23.5	15	37.5	24.4	31.9	10	21	23	25	12	67.0	20
GPL 1603	16	R3/8	25.6	12	36	25	34	10.5	20	24	27	11	52.9	20
GPL 1604	16	R1/2	25.6	15	38.5	25	34	10	21	24	27	13	67.2	20

*Rotating body construction after a proper installation.

PL
Male Elbow





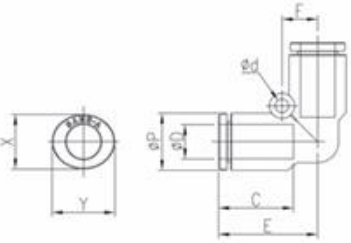


MODEL[ØD-T] Tube(Inch)–Thread(R)

MODEL	ØD	R	ØP	A	B	C	E	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
PL 5/32-R01	5/32	R1/8	10.4	6	22.6	16	18.5	14	10	12	2.6	11.7	100
PL 5/32-R02	5/32	R1/4	10.4	8	24.6	16	18.5	17	10	12	2.6	18	100
PL 5/32-R03	5/32	R3/8	10.4	10	26.6	16	18.5	20	10	12	2.6	25	50
PL 3/16-R01	3/16	R1/8	11	6	25	17	19.1	14	11	13	2.6	12	100
PL 3/16-R02	3/16	R1/4	11	8	28	17	19.1	17	11	13	2.6	18.5	100
PL 3/16-R03	3/16	R3/8	11	10	29	17	19.1	20	11	13	2.6	27.3	50
PL 1/4-R01	1/4	R1/8	12.4	6	22	17	20.3	14	12	14	4.6	12.7	100
PL 1/4-R02	1/4	R1/4	12.4	8	25	17	20.3	17	12	14	4.6	20.8	50
PL 1/4-R03	1/4	R3/8	12.4	10	28	17	20.3	20	12	14	4.6	32	50
PL 1/4-R04	1/4	R1/2	12.4	12	30	17	20.3	24	12	14	4.6	51	50
PL 5/16-R01	5/16	R1/8	14.4	6	25	18.5	22.6	14	14	16	5	15.9	50
PL 5/16-R02	5/16	R1/4	14.4	8	28	18.5	22.6	17	14	16	6	23	50
PL 5/16-R03	5/16	R3/8	14.4	10	30	18.5	22.6	20	14	16	6	31	50
PL 5/16-R04	5/16	R1/2	14.4	12	32	18.5	22.6	27	14	16	6	45	25
PL 3/8-R01	3/8	R1/8	17.6	6	30	21	27	17	17	19	5	29.6	50
PL 3/8-R02	3/8	R1/4	17.6	8	32	21	27	17	17	19	8	31.4	25
PL 3/8-R03	3/8	R3/8	17.6	10	34	21	27	20	17	19	8	39.7	25
PL 3/8-R04	3/8	R1/2	17.6	12	36	21	27	24	17	19	8	53.3	25
PL 1/2-R01	1/2	R1/8	21.2	6	31.9	22.5	29.2	21	21	23	5	40.7	25
PL 1/2-R02	1/2	R1/4	21.2	8	33.9	22.5	29.2	21	21	23	8	43	25
PL 1/2-R03	1/2	R3/8	21.2	10	35.9	22.5	29.2	21	21	23	9	47.3	25
PL 1/2-R04	1/2	R1/2	21.2	12	37.9	22.5	29.2	24	21	23	9	57	25

GPUL
Union Elbow





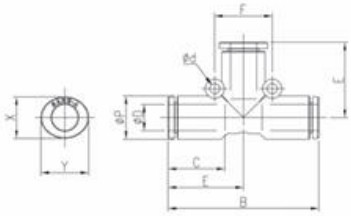
MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD	ØP	B	C	F	Ød	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPUL 03	3	9	17.1	14.5	6	3.2	8.6	10.8	2.5	3.5	100
GPUL 04	4	9	17.1	14.5	6	3.2	8.6	10.8	3.2	3.2	100
GPUL 06	6	11.2	19	15.5	6.7	3.2	11	13	5	4.9	50
GPUL 08	8	13.6	23.6	17.8	8.5	3.2	13	15	7	9.4	50
GPUL 10	10	16.3	25	19.4	10	4.2	16	18.5	9	11.8	25
GPUL 12	12	19.7	32.2	22.4	12	4.2	19.5	22.5	10	22.5	25
GPUL 14	14	23.5	31.9	24.4	13.5	4.2	23	25	12	36.7	20
GPUL 16	16	25.6	34	25	15	4.2	24	27	14	36.5	20

GPUT

Union Tee





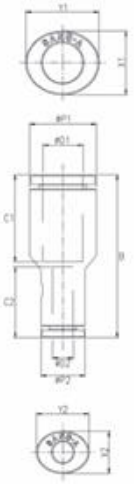
MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD	ØP	B	C	E	F	Ød	X	Y	Orifice (Ømm)	W.G(g)	Qty/ Inbox
GPUT 03	3	9	34.2	14.5	17.1	12	3.2	8.6	10.8	2.5	5.3	100
GPUT 04	4	9	34.2	14.5	17.1	12	3.2	8.6	10.8	3.2	5.0	100
GPUT 06	6	11.2	38	15.5	19	13	3.2	11	13	5	7.3	50
GPUT 08	8	13.6	47.2	17.8	23.6	18	3.2	13	15	7	14.1	50
GPUT 10	10	16.3	50	19.4	25	24	4.2	16	18.5	9	17.7	25
GPUT 12	12	19.7	64.4	22.4	32.2	28	4.2	19.5	22.5	10	33.5	20
GPUT 14	14	23.5	63.8	24.4	31.9	27	4.2	23	25	12	57.3	12
GPUT 16	16	25.6	68	25	34	30	4.2	24	27	14	53.8	12

GPG

Reducer



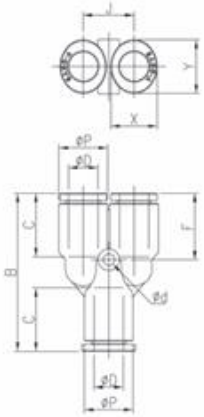


MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD1	ØD2	ØP1	ØP2	B	C1	C2	X1	Y1	X2	Y2	Orifice (Ømm)	W.G(g)	Qty/ Inbox
GPG 0403	4	3	9	9	30.2	14.5	14.5	8.6	10.8	8.6	10.8	2.5	2.9	100
GPG 0604	6	4	11.2	9	31.5	15.5	14.5	11	13	8.6	10.8	3.2	3.8	100
GPG 0804	8	4	13.6	9	33.3	17.8	14.5	13	15	8.6	10.8	3.2	4.9	50
GPG 0806	8	6	13.6	11.2	34.3	17.8	15.5	13	15	11	13	5	5.8	50
GPG 1006	10	6	16.3	11.2	35.9	19.4	15.5	16	18.5	11	13	5	7.2	50
GPG 1008	10	8	16.3	13.6	38.2	19.4	17.8	16	18.5	13	15	7	8.4	50
GPG 1208	12	8	19.7	13.6	41.2	22.4	17.8	19.5	22.5	13	15	7	12.4	25
GPG 1210	12	10	19.7	16.3	42.8	22.4	19.4	19.5	22.5	16	18.5	9	14.0	25
GPG 1612	16	12	25.6	19.7	48.9	25	22.4	24	27	19.5	22.5	10	23.4	25

GPY
Union Y



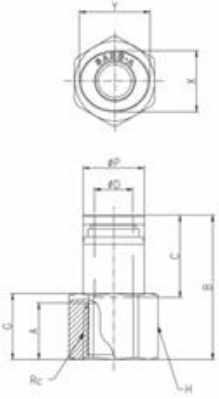


MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD	ØP	B	C	F	J	Ød	X	Y	Orifice (Ømm)	W.G(g)	Qty/ Inbox
GPY 03	3	9	31.2	14.5	13.2	9.3	3.2	8.6	10.8	2.1	5.2	100
GPY 04	4	9	31.2	14.5	13.2	9.3	3.2	8.6	10.8	2.1	4.9	100
GPY 06	6	11.2	34.7	15.5	14.1	11.4	3.2	11	13	3.6	7.3	50
GPY 08	8	13.6	44.2	17.8	18.6	14.2	3.2	13	15	5.4	13.9	50
GPY 10	10	16.3	46	19.4	18	17	4.2	16	18.5	6.4	17.7	25
GPY 12	12	19.7	56.8	22.4	23.9	20	4.2	19.5	22.5	7.3	32.5	20
GPY 14	14	23.5	59.3	24.4	24.4	24	4.2	23	25	8.8	53.7	16
GPY 16	16	25.6	62	25	24	26	4.2	24	27	12	55.5	12

GPCF
Female Straight





MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD	Rc	ØP	G	A	B	C	H	X	Y	Orifice (Ømm)	W.G(g)	Qty/ Inbox
GPCF 03M3	3	M3	8.8	5	3.5	18	14.5	9	8.6	10.8	2.5	6.4	100
GPCF 03M5	3	M5	8.8	5	5	20.5	14.5	9	8.6	10.8	2.5	7.3	100
GPCF 04M3	4	M3	8.8	5	3.5	18	14.5	9	8.6	10.8	2.5	7.3	100
GPCF 04M5	4	M5	8.8	5	5	20.5	14.5	9	8.6	10.8	3.2	7.0	100
GPCF 0401	4	Rc1/8	8.8	11	9	24.4	14.5	13	8.6	10.8	3.2	13.5	100
GPCF 0402	4	Rc1/4	8.8	14	12	27.4	14.5	17	8.6	10.8	3.2	24.9	100
GPCF 0403	4	Rc3/8	8.8	15	13	28.4	14.5	19	8.6	10.8	3.2	26.3	50
GPCF 0601	6	Rc1/8	11	11	9	25.4	15.5	13	11	13	5	14.8	100
GPCF 0602	6	Rc1/4	11	14	12	28.4	15.5	17	11	13	5	26.1	50
GPCF 0603	6	Rc3/8	11	15	13	29.4	15.5	19	11	13	5	27.6	50
GPCF 0801	8	Rc1/8	13	10	9	27.7	17.8	13	13	15	7	16.4	50
GPCF 0802	8	Rc1/4	13	14	12	30.7	17.8	17	13	15	7	27.7	50
GPCF 0803	8	Rc3/8	13	15	13	31.7	17.8	19	13	15	7	29.2	50
GPCF 0804	8	Rc1/2	13	18	16	34.7	17.8	24	13	15	7	50.5	25
GPCF 1001	10	Rc1/8	15.5	10	9	29.4	19.4	17	16	18.5	7	29.9	50
GPCF 1002	10	Rc1/4	15.5	13	12	32.4	19.4	17	16	18.5	9	30.3	50
GPCF 1003	10	Rc3/8	15.5	15	13	33.4	19.4	19	16	18.5	9	32.5	25
GPCF 1004	10	Rc1/2	15.5	18	16	36.4	19.4	24	16	18.5	9	53.6	25
GPCF 1202	12	Rc1/8	18.8	12	12	35.4	22.4	19	19.5	22.5	10	45.3	25
GPCF 1203	12	Rc1/4	18.8	15	13	36.4	22.4	19	19.5	22.5	10	39.4	25
GPCF 1204	12	Rc3/8	18.8	18	16	39.4	22.4	24	19.5	22.5	10	60.6	25

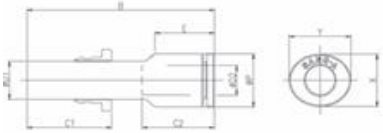
GPGJ

Plug-in Reducer



MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD1	ØD2	ØP	B	C1	C2	E	X	Y	Orifice (Ø mm)	W.G(g)	Qty/ Inbox
GPGJ 0604	6	4	9	36.1	15.5	14.5	11.3	8.6	11	3.2	1.8	100
GPGJ 0804	8	4	9	36.9	17.8	14.5	11.3	8.6	11	3.2	2.1	100
GPGJ 0806	8	6	11.2	39.5	17.8	15.5	12.6	11	13	5	2.9	50
GPGJ 1006	10	6	11.2	40.3	19.4	15.5	12.6	11	13	5	3.2	50
GPGJ 1008	10	8	13.6	45.6	19.4	17.8	16.6	13	15	7	4.6	50
GPGJ 1206	12	6	11.2	45	22.4	15.5	16.3	11	13	5	4.3	25
GPGJ 1208	12	8	13.6	46.6	22.4	17.8	16.6	13	15	7	5.4	25
GPGJ 1210	12	10	16.3	46.6	22.4	19.4	15	16	19	9	6.7	25



GPHF

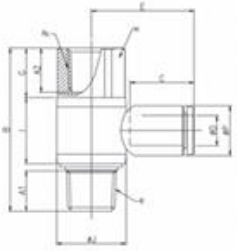
Female Banjo

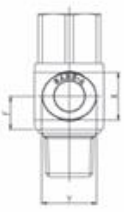


MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD	R	Rc	ØP	A1	A2	B	C	E	F	G	H	I	ØJ	X	Y	Orifice (Ø mm)	W.G(g)	Qty/ Inbox
GPHF 03M5-M5	3	M5	M5	9	3.5	5	20.8	14.5	19.5	6.6	5.5	8	11.8	10	8.6	10.8	2	6.8	100
GPHF 04M5-M5	4	M5	M5	9	3.5	5	20.8	14.5	19.5	6.6	5.5	8	11.8	10	8.6	10.8	2	6.7	100
GPHF 0401-01	4	R1/8	R1/8	9	8	9	34.5	14.5	21.5	7.3	10.5	13	14.5	14	8.6	10.8	3.2	21.2	50
GPHF 0402-02	4	R1/4	R1/4	9	11	12	44.5	14.5	24	9	13.5	17	18	19	8.6	10.8	3.2	42.0	50
GPHF 0403-03	4	R3/8	R3/8	9	12	13	50.8	14.5	25.7	10.5	15	21	21	22.4	8.6	10.8	3.2	66.8	50
GPHF 06M5-M5	6	M5	M5	11.2	3.5	5	20.8	15.5	20.5	7.1	5.5	8	11.8	10	11	13	2	7.5	50
GPHF 0601-01	6	R1/8	R1/8	11.2	8	9	34.5	15.5	22.5	7.3	10.5	13	14.5	14	11	13	5	22.0	50
GPHF 0602-02	6	R1/4	R1/4	11.2	11	12	44.5	15.5	25	9	13.5	17	18	19	11	13	5	42.8	50
GPHF 0603-03	6	R3/8	R3/8	11.2	12	13	50.8	15.5	26.7	10.5	15	21	21	22.4	11	13	5	67.5	50
GPHF 0801-01	8	R1/8	R1/8	13.6	8	9	34.5	17.8	25.6	8	10.5	13	14.5	14	13	15	6	23.2	50
GPHF 0802-02	8	R1/4	R1/4	13.6	11	12	44.5	17.8	28.1	9	13.5	17	18	19	13	15	7	44.1	50
GPHF 0803-03	8	R3/8	R3/8	13.6	12	13	50.8	17.8	29.8	10.5	15	21	21	22.4	13	15	7	68.0	25
GPHF 0804-04	8	R1/2	R1/2	13.6	15	16	58.8	17.8	32.1	11	19	24	22	27	13	15	7	106.4	25
GPHF 1002-02	10	R1/4	R1/4	16.3	11	12	44.5	19.4	28.9	9.7	13.5	17	18	19	16	18.5	8	47.3	25
GPHF 1003-03	10	R3/8	R3/8	16.3	12	13	50.8	19.4	30.6	10.5	15	21	21	22.4	16	18.5	9	70.2	25
GPHF 1004-04	10	R1/2	R1/2	16.3	15	16	58.8	19.4	32.9	11	19	24	22	27	16	18.5	9	107.6	20
GPHF 1203-03	12	R3/8	R3/8	19.7	12	13	50.8	22.4	35.9	11.9	15	21	21	22.4	19.5	22.5	9.2	74.4	20
GPHF 1204-04	12	R1/2	R1/2	19.7	15	16	58.8	22.4	38.2	11.9	19	24	22	27	19.5	22.5	9.5	111.8	20

*Rotating body construction after a proper installation.

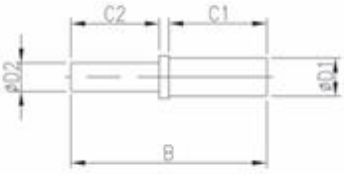




PIG

Reducer Tube Splicer





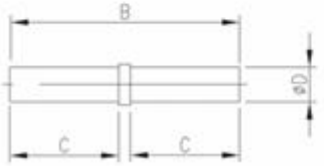
MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD1	ØD2	B	C1	C2	Orifice (Ømm)	W.G(g)	Qty/ Inbox
PIG 06-04	6	4	37.5	18.6	17.7	2	0.7	100
PIG 08-04	6	4	44	22	19	2	0.9	100
PIG 08-06	8	6	41.2	20.6	18.6	4	1.5	100
PIG 10-06	10	6	48	25	20	4	1.6	100
PIG 10-08	10	8	45	22.6	20.4	5	2.8	100
PIG 12-08	12	8	52	27	22	5	2.6	50
PIG 12-10	12	10	49.8	25.4	22.4	5.5	4.9	50
PIG 16-12	16	12	54	27	25	9	8.2	50

PIJ

Tube Splicer



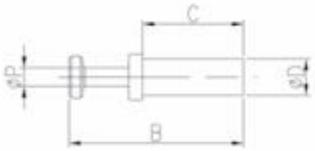


MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD	B	C	Orifice (Ømm)	W.G(g)	Qty/ Inbox
PIJ 04	4	37.5	17.75	2	0.5	100
PIJ 06	6	39.5	18.75	4	0.9	100
PIJ 08	8	43.2	20.6	5	1.7	50
PIJ 10	10	47	22.5	6.5	3	50
PIJ 12	12	52.8	25.4	8	4.4	50
PIJ 16	16	60	29	13	8.5	50

PP
Plug



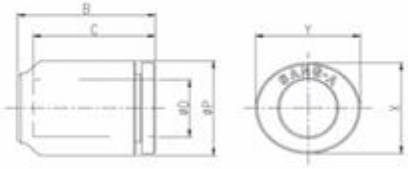


MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD	B	ØP	C	W.G(g)	Qty/Inbox
PP 04	4	30	2	19	0.4	100
PP 06	6	34	3	20	0.7	100
PP 08	8	38	4	22	1.4	100
PP 10	10	41	5	25	2	50
PP 12	12	43	7	27	3.6	50
PP 16	16	47	9	31	4	25

GPPF
Cap





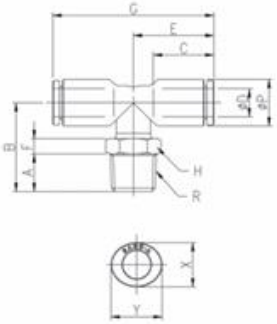
MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD	ØP	B	C	X	Y	W.G(g)	Qty/Inbox
GPPF 04	4	9	15.6	14.5	8.6	10.8	1.4	100
GPPF 06	6	11.2	17	15.5	11	13	2.2	100
GPPF 08	8	13.6	19.8	17.8	13	15	3.6	100
GPPF 10	10	16.3	21	19.4	16	18.5	5.1	50
GPPF 12	12	19.7	25.4	22.4	19.5	22.5	9.3	50

GPT

Male Branch Tee





MODEL[ØD-T] Tube(Metric)–Thread(R)

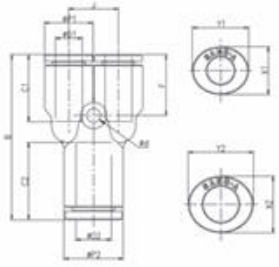
MODEL	ØD	R	ØP	A	B	C	E	F	G	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPT 03M3	3	M3	9	3	16.6	14.5	17.1	5.4	34.2	9	8.6	10.8	1.2	6.2	100
GPT 03M5	3	M5	9	4	16.6	14.5	17.1	4.4	34.2	9	8.6	10.8	2	6.4	100
GPT 03M6	3	M6	9	5	17.6	14.5	17.1	4.4	34.2	9	8.6	10.8	3	6.8	100
GPT 04M3	4	M3	9	3	16.6	14.5	17.1	5.4	34.2	9	8.6	10.8	1.2	6.0	100
GPT 04M5	4	M5	9	4	16.6	14.5	17.1	4.4	34.2	9	8.6	10.8	2	6.2	100
GPT 04M6	4	M6	9	5	17.6	14.5	17.1	4.4	34.2	9	8.6	10.8	3	6.7	100
GPT 0401	4	R1/8	9	8	19.8	14.5	17.1	5	34.2	10	8.6	10.8	3.2	9.5	100
GPT 0402	4	R1/4	9	11	22.8	14.5	17.1	5	34.2	14	8.6	10.8	3.2	18.7	50
GPT 0403	4	R3/8	9	12	23.8	14.5	17.1	5	34.2	17	8.6	10.8	3.2	28.0	50
GPT 06M5	6	M5	11.2	4	17.7	15.5	18	4.4	35.9	9	11	13	2	7.7	50
GPT 06M6	6	M6	11.2	5	18.7	15.5	18	4.4	35.9	9	11	13	3	8.2	50
GPT 0601	6	R1/8	11.2	8	20.9	15.5	18	5	35.9	10	11	13	4	11.0	50
GPT 0602	6	R1/4	11.2	11	23.9	15.5	18	5	35.9	14	11	13	4	20.2	50
GPT 0603	6	R3/8	11.2	12	24.9	15.5	18	5	35.9	17	11	13	4	29.5	50
GPT 0604	6	R1/2	11.2	15	28.9	15.5	18	6	35.9	21	11	13	4	51.9	25
GPT 0801	8	R1/8	13.6	8	23.5	17.8	23.6	5	47.2	10	13	15	5.5	14.9	50
GPT 0802	8	R1/4	13.6	11	26	17.8	23.6	4.5	47.2	14	13	15	5.5	23.6	50
GPT 0803	8	R3/8	13.6	12	27	17.8	23.6	4.5	47.2	17	13	15	5.5	32.9	50
GPT 0804	8	R1/2	13.6	15	31	17.8	23.6	5.5	47.2	21	13	15	5.5	55.2	25
GPT 1001	10	R1/8	16.3	8	25.8	19.4	25	6.5	50	17	16	18.5	6	26.3	25
GPT 1002	10	R1/4	16.3	11	28.8	19.4	25	6.5	50	17	16	18.5	8	31.0	25
GPT 1003	10	R3/8	16.3	12	28.3	19.4	25	5	50	17	16	18.5	9	33.0	25
GPT 1004	10	R1/2	16.3	15	31.3	19.4	25	5	50	21	16	18.5	9	52.7	25
GPT 1201	12	R1/8	19.7	8	27.5	22.4	32.2	6.5	64.4	17	19.5	22.5	6	37.0	20
GPT 1202	12	R1/4	19.7	11	30.5	22.4	32.2	6.5	64.4	17	19.5	22.5	8	41.7	20
GPT 1203	12	R3/8	19.7	12	30	22.4	32.2	5	64.4	17	19.5	22.5	9.5	43.7	20
GPT 1204	12	R1/2	19.7	15	33	22.4	32.2	5	64.4	21	19.5	22.5	9.5	63.4	20
GPT 1403	14	R3/8	23.5	12	37.45	24.4	31.9	10.5	63.8	20	23	25	11	69.1	12
GPT 1404	14	R1/2	23.5	15	39.95	24.4	31.9	10	63.8	21	23	25	12	83.4	12
GPT 1603	16	R3/8	25.6	12	38.5	25	34	10.5	68	20	24	27	11	69.8	12
GPT 1604	16	R1/2	25.6	15	41	25	34	10	68	21	24	27	13	84.1	12

*Rotating body construction after a proper installation

GPW

Reducer Y





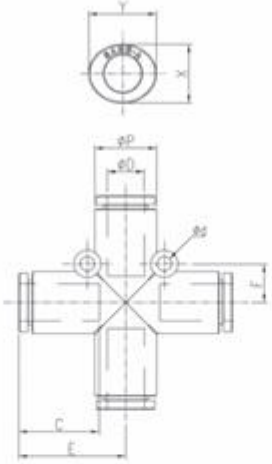
MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD1	ØD2	ØP1	ØP2	B	C1	C2	Ød	F	J	X1	Y1	X2	Y2	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPW 0604	4	6	9	11.2	32.5	14.5	15.5	3.2	13.2	9.3	8.6	10.8	11	13	2.6	5.1	100
GPW 0804	4	8	11.2	13.6	37.7	14.5	17.8	3.2	13.7	11.4	8.6	10.8	13	15	2.6	12.3	50
GPW 0806	6	8	11.2	13.6	38.5	15.5	17.8	3.2	14.1	11.4	11	13	13	15	4.1	8.2	50
GPW 1006	6	10	13.6	16.3	42.6	15.5	19.4	3.2	17.2	14.2	11	13	16	18.5	4.1	19.8	25
GPW 1008	8	10	13.6	16.3	43.2	17.8	19.4	3.2	17.8	14.2	13	15	16	18.5	6.4	12.6	25
GPW 1208	8	12	16.3	19.7	50.5	17.8	22.4	4.2	17.6	17	13	15	19.5	22.5	6.4	29.4	25
GPW 1210	10	12	16.3	19.7	50.9	19.4	22.4	4.2	18	17	16	18.5	19.5	22.5	7.0	20.4	25

GPZA

Union Cross





MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD	ØP	C	E	F	Ød	X	Y	Orifice (Ø mm)	W.G(g)	Qty/ Inbox
GPZA 04	4	9	14.5	17.1	6	3.2	8.6	10.8	3.2	5.9	50
GPZA 06	6	11.2	15.5	19	6.5	3.2	11	13	5	8.9	50
GPZA 08	8	13.6	17.8	23.6	8.5	3.2	13	15	7	14.8	25
GPZA 10	10	16.3	19.4	25	10	4.2	16	18.5	9	21.1	25
GPZA 12	12	19.7	22.4	32.2	12	4.2	19.5	22.5	10	38.8	15

COMPACT ONE-TOUCH FITTINGS

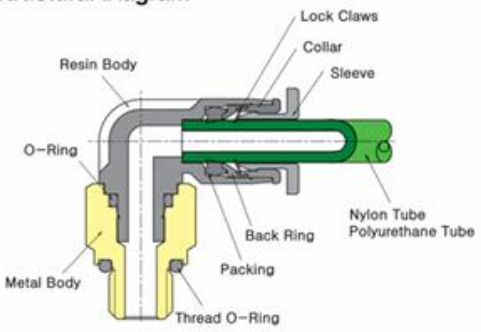
Application

- Compact type one-touch joints used in small types of pneumatic piping.
- A wide variety of models are available to meet most your needs.

Feature

- The world's smallest quick-fitting joints feature 40% smaller volume ratio and 20% smaller O.D. ratio in comparison to the conventional type.
- The compact type joints, which are nickel plated, are excellent not only in appearance but also in rust resistance.
- The elliptical sleeve helps easy application or removal of the tube in confined space.

Structural Diagram



Specification

Fluid	Air(No other gases or liquids)	
Working Pressure Range	0~150PSI	0~9Kgf/㎠(0~900kPa)
Negative Pressure	-29.50 in Hg	-750mmHg(10Torr)
Temperature Range	32~140° F	0~60° C
Applicable Tube Material	Polyurethane and Nylon	



Case In Use

▶**POC Model/PCC Model**

The hexagonal shape on the inside of the body makes it possible to tighten the fitting by use of a hexagonal wrench.
In the case of POC, PCC a hexagonal wrench must be used due to the round exterior.

▶**PLL Model/PL Model**

Long brass body helps tightening with ease away from any obstacles.

Product Code System

PC 06-01 C

① ② ③ ④

① Type

② Tube Dia(ØD)

Code	03	04	06	10	12	16
Dia	Ø3	Ø4	Ø6	Ø10	Ø12	Ø16

③ Thread Size(T)

	Metric Size			
Code	M3	M5	M6	01
Size	M5×0.8	M5×0.8	M6×1.0	R1/8

④ C=COMPACT

⚠ CAUTION

- Be sure to read the "Common Precautions" and the "Using Precautions of Fitting Series" (P12) before using.
- Tube should be securely pushed into the fitting, otherwise air leakage may occur.

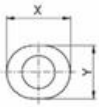
⚠ WARNING

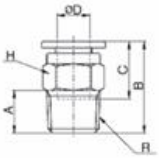
- Be sure to confirm that proper conditions are met, otherwise air leakage may occur.

PC-C

Male Straight







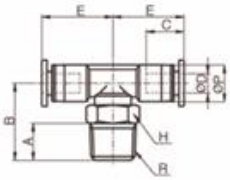
MODEL[ØD-T] Tube(Metric)–Thread(R)

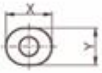
MODEL	ØD	R	C	B	H	A	X	Y	Orifice (Ømm)	W.G(g)	Qty/ Inbox
PC 03-M3C	3	M3	9.5	13.6	6	3	7	6	1.2	1.3	100
PC 03-M5C	3	M5	9.5	15.7	8	3.5	7	6	2	3.1	100
PC 03-M6C	3	M6	9.5	16.5	8	4.5	7	6	2	3.3	100
PC 04-M3C	4	M3	11.5	17.2	8	3	10	8	1.2	3.2	100
PC 04-M5C	4	M5	11.5	15.7	8	3.5	10	8	2	2.9	100
PC 04-M6C	4	M6	11.5	16.9	8	4.5	10	8	3	3.2	100
PC 04-01C	4	R1/8	11.5	15.7	10	8	10	8	3	6	100
PC 06-M5C	6	M5	12.5	16.8	10	3.5	12	10	2	3.8	100
PC 06-M6C	6	M6	12.5	17.8	10	4.5	12	10	3	4.1	100
PC 06-01C	6	R1/8	12.5	17.9	10	8	12	10	4.5	5.3	100

PT-C

Male Branch Tee







MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD	R	ØP	C	A	B	E	H	X	Y	Orifice (Ømm)	W.G(g)	Qty/ Inbox
PT 03-M3C	3	M3	6	9.5	3	12.4	11.2	6	7	6	1.2	2	100
PT 03-M5C	3	M5	6	9.5	3.5	13.5	11.2	8	7	6	2	3.2	100
PT 03-M6C	3	M6	6	9.5	4.5	14.5	11.2	8	7	6	2.4	3.5	100
PT 04-M3C	4	M3	8	11.5	3	15	13.1	8	10	8	1.2	4.2	100
PT 04-M5C	4	M5	8	11.5	3.5	14.5	13.1	8	10	8	2	4.1	100
PT 04-M6C	4	M6	8	11.5	4.5	15.5	13.1	10	10	8	2.4	4.4	100
PT 04-01C	4	R1/8	8	11.5	8	16.4	13.1	12	10	8	2.8	6.9	100
PT 06-M5C	6	M5	10.5	12.5	3.5	15.5	14.4	8	12	10	2	5.4	100
PT 06-M6C	6	M6	10.5	12.5	4.5	16.5	14.4	8	12	10	2.4	5.7	100
PT 06-01C	6	R1/8	10.5	12.5	8	17.4	14.4	10	12	10	3	8.2	100

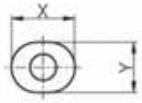
PUC-C

Union Straight

MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD	ØP	B	C	X	Y	Orifice (Ømm)	W.G(g)	Qty/ Inbox
PUC 03C	3	6	20.4	9.5	7	6	2.5	1.1	100
PUC 04C	4	8	23.8	11.5	10	8	3	2	100
PUC 06C	6	10.5	25.1	12.5	12	10	4	3.2	100







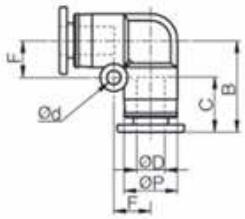
PUL-C

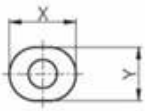
Union Straight

MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD	ØP	Ød	C	F	B	X	Y	Orifice (Ømm)	W.G(g)	Qty/ Inbox
PUL 03C	3	6	3.2	9.5	4.5	11.4	7	6	2.5	1.1	100
PUL 04C	4	8	3.2	11.5	5.8	13.9	10	8	3	2.1	100
PUL 06C	6	10.5	3.2	12.5	6.5	15.4	12	10	4	3.4	100







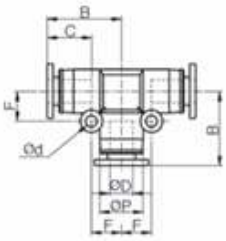
PUT-C

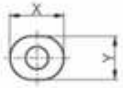
Union Tee

MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD	ØP	Ød	F	C	B	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
PUT 03C	3	6	3.2	4.5	9.5	11.4	7	6	2.5	1.7	100
PUT 04C	4	8	3.2	5.8	11.5	13.9	10	8	3	3.1	100
PUT 06C	6	10.5	3.2	6.5	12.5	15.4	12	10	4	5	100







PY-C

Union Y

MODEL[ØD-T] Tube(Metric)–Thread(R)

MODEL	ØD	ØP	Ød	F	C	J	B	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
PY 03C	3	8	3.2	13.2	9.5	8	29.9	7	6	2.5	3.6	100
PY 04C	4	8	3.2	13.3	11.5	8	30.1	10	8	3	3.4	100
PY 06C	6	10.5	3.2	13.6	12.5	10.5	32.1	12	10	4	5.3	100





