Metric Size
G(PF) Thread Type

— One -Touch Fittings

Compact One -Touch Fittings

Speed Controllers

Metal Body Speed Controllers

Rotary Joints

Stop Fittings

Check Valves

Ball Valves

Hand Valves

ONE-TOUCH FITTINGS

Application

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

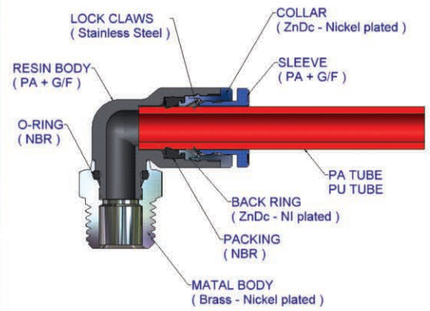
Feature

- 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 O8-G01

① ② ③

①Type

②Tube Dia(ØD)

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

③Thread Size(T)

	Metric Size		Taper Pipe Thread			
Code	M5	M6	G01	G02	G03	G04
Size	M5×0.8	M6×1.0	R1/8	R1/4	R3/8	R1/2

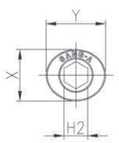
⚠ CAUTION

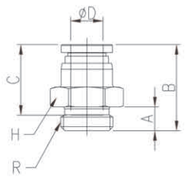
- Be sure to read the "Common Precautions" and the "Using Precautions of Fitting Series" (P12) before using.
- In putting tube on the fitting, be sure to push it deeply into the inside.
  In case of incorrect installation, there is a risk of air leakage or loose tube.

⚠ WARNING

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

GPC-G
Male Straight

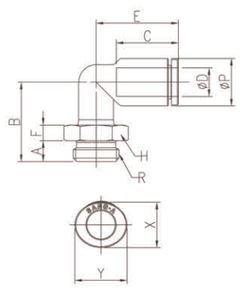




MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	A	B	C	H1	H2	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPC 04G01	4	G1/8	5	18.4	14.5	13	3	8.6	10.8	3	8.4	100
GPC 04G02	4	G1/4	6	18.1	14.5	16	3	8.6	10.8	3	14.3	100
GPC 04G03	4	G3/8	7	18.1	14.5	20	3	8.6	10.8	3	24.1	50
GPC 06G01	6	G1/8	5	23.1	15.5	13	4	11	13	4	10.7	100
GPC 06G02	6	G1/4	6	19.8	15.5	16	4	11	13	4	14.2	100
GPC 06G03	6	G3/8	7	18.8	15.5	20	4	11	13	4	23.1	50
GPC 06G04	6	G1/2	8.5	19.3	15.5	24	4	11	13	4	42.9	50
GPC 08G01	8	G1/8	5	26	17.8	13	5	13	15	5	12.5	50
GPC 08G02	8	G1/4	6	21.7	17.8	16	6	13	15	6	14.1	50
GPC 08G03	8	G3/8	7	22.7	17.8	20	6	13	15	6	25.1	50
GPC 08G04	8	G1/2	8.5	23.7	17.8	24	6	13	15	6	41.9	50
GPC 10G01	10	G1/8	5	27.6	19.4	16	5	16	18.5	5	18.0	50
GPC 10G02	10	G1/4	6	28.3	19.4	16	6	16	18.5	6	20.7	50
GPC 10G03	10	G3/8	7	24.3	19.4	20	8	16	18.5	8	22.6	50
GPC 10G04	10	G1/2	8.5	24.8	19.4	24	8	16	18.5	8	39.9	50
GPC 12G01	12	G1/8	5	31.7	22.4	19	5	19.5	22.5	5	29.1	50
GPC 12G02	12	G1/4	6	32.4	22.4	19	6	19.5	22.5	6	32.3	50
GPC 12G03	12	G3/8	7	32.4	22.4	20	9	19.5	22.5	9	33.5	50
GPC 12G04	12	G1/2	8.5	28.9	22.4	24	10	19.5	22.5	10	41.1	25
GPC 14G03	14	G3/8	7	34.5	24.4	22	9	23	25	9	46.6	25
GPC 14G04	14	G1/2	8.5	36	24.4	24	11	23	25	11	57.0	25
GPC 16G03	16	G3/8	7	35.5	25	24	9	24	27	9	51.5	25
GPC 16G04	16	G1/2	8.5	36.5	25	24	11	24	27	11	56.9	25

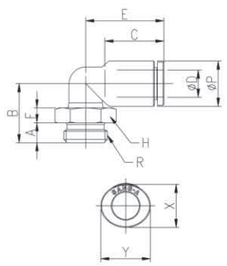
GPL-G(L)
Male Elbow



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	F	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPL 04G01(L)	4	G1/8	9	5	17.8	14.5	17.1	4.5	13	8.6	10.8	3.2	7.3	100
GPL 04G02(L)	4	G1/4	9	6	18.5	14.5	17.1	4.5	16	8.6	10.8	3.2	12.2	100
GPL 04G03(L)	4	G3/8	9	7	20	14.5	17.1	5	20	8.6	10.8	3.2	20.4	50
GPL 06G01(L)	6	G1/8	11.2	5	19.5	15.5	18	4.5	13	11	13	4	8.3	100
GPL 06G02(L)	6	G1/4	11.2	6	20.1	15.5	18	4.5	16	11	13	4	13.2	50
GPL 06G03(L)	6	G3/8	11.2	7	21.6	15.5	18	5	20	11	13	4	21.4	50
GPL 06G04(L)	6	G1/2	11.2	8.5	23.6	15.5	18	5.5	24	11	13	4	36.0	25
GPL 08G01(L)	8	G1/8	13.6	5	24.6	17.8	23.6	7	13	13	15	5.5	11.9	50
GPL 08G02(L)	8	G1/4	13.6	6	22.8	17.8	23.6	4.5	16	13	15	5.5	14.4	50
GPL 08G03(L)	8	G3/8	13.6	7	23.8	17.8	23.6	4.5	20	13	15	5.5	21.7	50
GPL 08G04(L)	8	G1/2	13.6	8.5	25.8	17.8	23.6	5	24	13	15	5.5	36.0	25
GPL 10G01(L)	10	G1/8	16.3	5	28	19.4	25	5.5	15	16	18.5	6	15.4	50
GPL 10G02(L)	10	G1/4	16.3	6	28.7	19.4	25	7.5	16	16	18.5	8	18.9	25
GPL 10G03(L)	10	G3/8	16.3	7	27.2	19.4	25	5	20	16	18.5	9	22.0	25
GPL 10G04(L)	10	G1/2	16.3	8.5	28.7	19.4	25	5	24	16	18.5	9	35.7	25
GPL 12G01(L)	12	G1/8	19.7	5	29.7	22.4	32.2	5.5	15	19.5	22.5	6	20.5	25
GPL 12G02(L)	12	G1/4	19.7	6	30.4	22.4	32.2	7.5	16	19.5	22.5	8	24.0	25
GPL 12G03(L)	12	G3/8	19.7	7	28.9	22.4	32.2	5	20	19.5	22.5	9.5	27.1	25
GPL 12G04(L)	12	G1/2	19.7	8.5	30.4	22.4	32.2	5	24	19.5	22.5	9.5	40.8	25

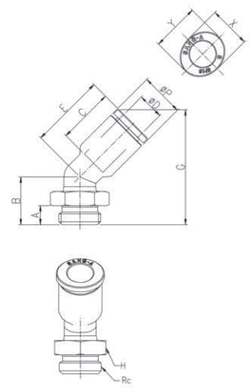
GPL-G
Male Elbow



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	F	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPL 04G01	4	G1/8	9	5	14.6	14.5	17.1	4.5	13	8.6	10.8	3.2	8.0	100
GPL 04G02	4	G1/4	9	6	15.3	14.5	17.1	4.5	16	8.6	10.8	3.2	13.4	100
GPL 04G03	4	G3/8	9	7	16.8	14.5	17.1	5	20	8.6	10.8	3.2	22.4	50
GPL 06G01	6	G1/8	11.2	5	15.7	15.5	18	4.5	13	11	13	4	8.8	100
GPL 06G02	6	G1/4	11.2	6	16.4	15.5	18	4.5	16	11	13	4	14.2	50
GPL 06G03	6	G3/8	11.2	7	17.9	15.5	18	5	20	11	13	4	23.2	50
GPL 06G04	6	G1/2	11.2	8.5	19.9	15.5	18	5.5	24	11	13	4	39.3	25
GPL 08G01	8	G1/8	13.6	5	19.6	17.8	23.6	7	13	13	15	5.5	13.3	50
GPL 08G02	8	G1/4	13.6	6	17.8	17.8	23.6	4.5	16	13	15	5.5	16.0	50
GPL 08G03	8	G3/8	13.6	7	18.8	17.8	23.6	4.5	20	13	15	5.5	24.1	50
GPL 08G04	8	G1/2	13.6	8.5	20.8	17.8	23.6	5	24	13	15	5.5	39.8	25
GPL 10G01	10	G1/8	16.3	5	21.9	19.4	25	5.5	15	16	18.5	6	16.3	50
GPL 10G02	10	G1/4	16.3	6	22.6	19.4	25	7.5	16	16	18.5	8	20.1	25
GPL 10G03	10	G3/8	16.3	7	21.1	19.4	25	5	20	16	18.5	9	23.5	25
GPL 10G04	10	G1/2	16.3	8.5	22.6	19.4	25	5	24	16	18.5	9	38.6	25
GPL 12G01	12	G1/8	19.7	5	23.8	22.4	32.2	5.5	15	19.5	22.5	6	21.9	25
GPL 12G02	12	G1/4	19.7	6	24.5	22.4	32.2	7.5	16	19.5	22.5	8	25.8	25
GPL 12G03	12	G3/8	19.7	7	23	22.4	32.2	5	20	19.5	22.5	9.5	29.2	25
GPL 12G04	12	G1/2	19.7	8.5	24.5	22.4	32.2	5	24	19.5	22.5	9.5	44.2	25
GPL 14G03	14	G3/8	23.5	7	30.5	24.4	31.9	11	20	23	25	11.5	45.0	20
GPL 14G04	14	G1/2	23.5	8.5	26	24.4	31.9	5	24	23	25	12	44.6	20
GPL 16G03	16	G3/8	25.6	7	31.5	25	34	11	20	24	27	11.5	45.2	20
GPL 16G04	16	G1/2	25.6	8.5	27	25	34	5	24	24	27	13	44.8	20

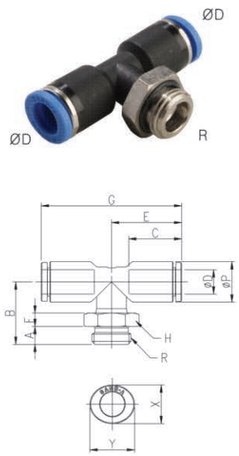
GPL45-G
Male 45° Elbow



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	H	G	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPL45 04G01	4	G1/8	9	5	13.1	14.5	17.1	13	28.1	8.6	10.8	3.2	7.3	100
GPL45 04G02	4	G1/4	9	6	13.8	14.5	17.1	16	28.8	8.6	10.8	3.2	12.2	100
GPL45 04G03	4	G3/8	9	7	15.3	14.5	17.1	20	30.3	8.6	10.8	3.2	20.4	50
GPL45 06G01	6	G1/8	11.2	5	13.7	15.5	18	13	30.1	11	13	4	8.1	100
GPL45 06G02	6	G1/4	11.2	6	14.4	15.5	18	16	30.8	11	13	4	13.0	50
GPL45 06G03	6	G3/8	11.2	7	15.9	15.5	18	20	32.3	11	13	4	21.2	50
GPL45 06G04	6	G1/2	11.2	8.5	17.9	15.5	18	24	34.3	11	13	4	35.8	50
GPL45 08G01	8	G1/8	13.6	5	16.8	17.8	23.6	13	37.9	13	15	5.5	11.4	50
GPL45 08G02	8	G1/4	13.6	6	15	17.8	23.6	16	36.1	13	15	5.5	13.9	50
GPL45 08G03	8	G3/8	13.6	7	16	17.8	23.6	20	37.1	13	15	5.5	21.2	50
GPL45 08G04	8	G1/2	13.6	8.5	18	17.8	23.6	24	39.1	13	15	5.5	35.5	25
GPL45 10G01	10	G1/8	16.3	5	17.9	19.4	25	15	41	16	18.5	6	17.0	25
GPL45 10G02	10	G1/4	16.3	6	18.6	19.4	25	16	41.7	16	18.5	8	20.5	25
GPL45 10G03	10	G3/8	16.3	7	17.1	19.4	25	20	40.2	16	18.5	9	23.6	25
GPL45 10G04	10	G1/2	16.3	8.5	18.6	19.4	25	24	41.7	16	18.5	9	37.3	25
GPL45 12G01	12	G1/8	19.7	5	19.4	22.4	32.2	15	48.7	19.5	22.5	6	19.5	25
GPL45 12G02	12	G1/4	19.7	6	20.1	22.4	32.2	16	49.4	19.5	22.5	8	23.0	25
GPL45 12G03	12	G3/8	19.7	7	18.6	22.4	32.2	20	47.9	19.5	22.5	9.5	26.1	25
GPL45 12G04	12	G1/2	19.7	8.5	20.1	22.4	32.2	24	49.4	19.5	22.5	9.5	39.8	25

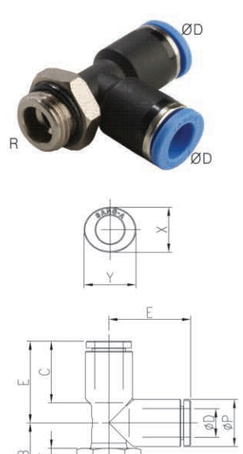
GPT-G
Male Branch Tee



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	F	G	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPT 04G01	4	G1/8	9	5	16.6	14.5	17.1	4.5	34.2	13	8.6	10.8	3.2	9.6	100
GPT 04G02	4	G1/4	9	6	17.3	14.5	17.1	4.5	34.2	16	8.6	10.8	3.2	15.0	50
GPT 04G03	4	G3/8	9	7	18.8	14.5	17.1	5	34.2	20	8.6	10.8	3.2	24.1	50
GPT 06G01	6	G1/8	11.2	5	17.7	15.5	18	4.5	35.9	13	11	13	4	11.2	50
GPT 06G02	6	G1/4	11.2	6	18.4	15.5	18	4.5	35.9	16	11	13	4	16.5	50
GPT 06G03	6	G3/8	11.2	7	19.9	15.5	18	5	35.9	20	11	13	4	25.6	50
GPT 06G04	6	G1/2	11.2	8.5	21.9	15.5	18	5.5	35.9	24	11	13	4	41.6	25
GPT 08G01	8	G1/8	13.6	5	22.8	17.8	23.6	7	47.2	13	13	15	5.5	17.8	50
GPT 08G02	8	G1/4	13.6	6	21	17.8	23.6	4.5	47.2	16	13	15	5.5	20.5	50
GPT 08G03	8	G3/8	13.6	7	22	17.8	23.6	4.5	47.2	20	13	15	5.5	28.6	50
GPT 08G04	8	G1/2	13.6	8.5	24	17.8	23.6	5	47.2	24	13	15	5.5	44.3	25
GPT 10G01	10	G1/8	16.3	5	24.1	19.4	25	5.5	50	15	16	18.5	6	21.8	25
GPT 10G02	10	G1/4	16.3	6	24.8	19.4	25	7.5	50	16	16	18.5	8	25.6	25
GPT 10G03	10	G3/8	16.3	7	23.3	19.4	25	5	50	20	16	18.5	9	29.0	25
GPT 10G04	10	G1/2	16.3	8.5	24.8	19.4	25	5	50	24	16	18.5	9	44.1	25
GPT 12G01	12	G1/8	19.7	5	25.8	22.4	32.2	5.5	64.4	15	19.5	22.5	6	32.5	20
GPT 12G02	12	G1/4	19.7	6	26.5	22.4	32.2	7.5	64.4	16	19.5	22.5	8	36.3	20
GPT 12G03	12	G3/8	19.7	7	25	22.4	32.2	5	64.4	20	19.5	22.5	9.5	39.7	20
GPT 12G04	12	G1/2	19.7	8.5	26.5	22.4	32.2	5	64.4	24	19.5	22.5	9.5	54.8	20
GPT 14G03	14	G3/8	23.5	7	32.95	24.4	31.9	11	63.8	20	23	25	11.5	61.4	12
GPT 14G04	14	G1/2	23.5	8.5	28.45	24.4	31.9	5	63.8	24	23	25	12	61.0	12
GPT 16G03	16	G3/8	25.6	7	34	25	34	11	68	20	24	27	11.5	62.1	12
GPT 16G04	16	G1/2	25.6	8.5	29.5	25	34	5	68	24	24	27	13	61.7	12

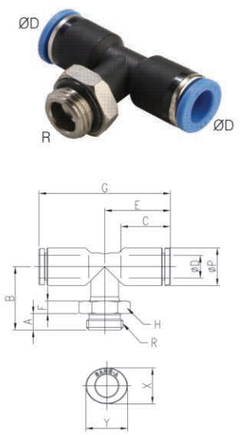
GPST-G
Male Run Tee



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	F	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPST 04G01	4	G1/8	9	5	14.6	14.5	17.1	4.5	13	8.6	10.8	4	9.6	50
GPST 04G02	4	G1/4	9	6	15.3	14.5	17.1	4.5	16	8.6	10.8	4	15.0	50
GPST 04G03	4	G3/8	9	7	16.8	14.5	17.1	5	20	8.6	10.8	4	24.0	50
GPST 06G01	6	G1/8	11.2	5	15.7	15.5	19	4.5	13	11	13	4	11.4	50
GPST 06G02	6	G1/4	11.2	6	16.4	15.5	19	4.5	16	11	13	4	16.7	50
GPST 06G03	6	G3/8	11.2	7	17.9	15.5	19	5	20	11	13	4	25.8	50
GPST 06G04	6	G1/2	11.2	8.5	19.9	15.5	19	5.5	24	11	13	4	41.8	25
GPST 08G01	8	G1/8	13.6	5	19.6	17.8	23.6	7	13	13	15	5.5	17.6	50
GPST 08G02	8	G1/4	13.6	6	17.8	17.8	23.6	4.5	16	13	15	5.5	20.3	50
GPST 08G03	8	G3/8	13.6	7	18.8	17.8	23.6	4.5	20	13	15	5.5	28.4	25
GPST 08G04	8	G1/2	13.6	8.5	20.8	17.8	23.6	5	24	13	15	5.5	44.1	25
GPST 10G01	10	G1/8	16.3	5	21.9	19.4	25	5.5	15	16	18.5	6	21.6	25
GPST 10G02	10	G1/4	16.3	6	22.6	19.4	25	7.5	16	16	18.5	8	25.5	25
GPST 10G03	10	G3/8	16.3	7	21.1	19.4	25	5	20	16	18.5	9	28.9	25
GPST 10G04	10	G1/2	16.3	8.5	22.6	19.4	25	5	24	16	18.5	9	44.0	25
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
GPST 12G02	12	G1/4	19.7	6	24.5	22.4	32.2	7.5	16	19.5	22.5	8	36.0	20
GPST 12G03	12	G3/8	19.7	7	23	22.4	32.2	5	20	19.5	22.5	9.5	39.4	20
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
GPST 14G03	14	G3/8	23.5	7	30.5	24.4	31.9	11	20	23	25	11.5	61.1	16
GPST 14G04	14	G1/2	23.5	8.5	26	24.4	31.9	5	24	23	25	12	60.6	16
GPST 16G03	16	G3/8	25.6	7	31.5	25	34	11	20	24	27	11.5	61.4	16
GPST 16G04	16	G1/2	25.6	8.5	27	25	34	5	24	24	27	13	61.0	16

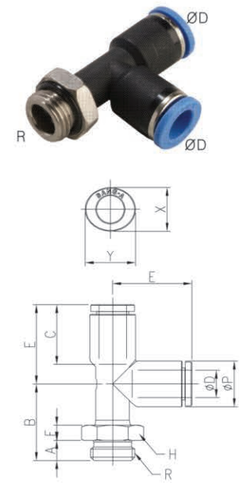
GPT-G(L)
Male Branch Tee



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	F	G	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPT 04G01(L)	4	G1/8	9	5	17.8	14.5	17.1	4.5	34.2	13	8.6	10.8	3.2	8.7	100
GPT 04G02(L)	4	G1/4	9	6	18.5	14.5	17.1	4.5	34.2	16	8.6	10.8	3.2	13.6	50
GPT 04G03(L)	4	G3/8	9	7	20	14.5	17.1	5	34.2	20	8.6	10.8	3.2	21.8	50
GPT 06G01(L)	6	G1/8	11.2	5	19.4	15.5	18	4.5	35.9	13	11	13	4	10.5	50
GPT 06G02(L)	6	G1/4	11.2	6	20.1	15.5	18	4.5	35.9	16	11	13	4	15.4	50
GPT 06G03(L)	6	G3/8	11.2	7	21.6	15.5	18	5	35.9	20	11	13	4	23.6	50
GPT 06G04(L)	6	G1/2	11.2	8.5	23.6	15.5	18	5.5	35.9	24	11	13	4	38.2	25
GPT 08G01(L)	8	G1/8	13.6	5	24.6	17.8	23.6	7	47.2	13	13	15	5.5	15.3	50
GPT 08G02(L)	8	G1/4	13.6	6	22.8	17.8	23.6	4.5	47.2	16	13	15	5.5	17.8	50
GPT 08G03(L)	8	G3/8	13.6	7	23.8	17.8	23.6	4.5	47.2	20	13	15	5.5	25.1	50
GPT 08G04(L)	8	G1/2	13.6	8.5	25.8	17.8	23.6	5	47.2	24	13	15	5.5	39.4	25
GPT 10G01(L)	10	G1/8	16.3	5	28	19.4	25	5.5	50	15	16	18.5	6	20.2	25
GPT 10G02(L)	10	G1/4	16.3	6	28.7	19.4	25	7.5	50	16	16	18.5	8	23.7	25
GPT 10G03(L)	10	G3/8	16.3	7	27.2	19.4	25	5	50	20	16	18.5	9	26.8	25
GPT 10G04(L)	10	G1/2	16.3	8.5	28.7	19.4	25	5	50	24	16	18.5	9	40.5	25
GPT 12G01(L)	12	G1/8	19.7	5	29.7	22.4	32.2	5.5	64.4	15	19.5	22.5	6	29.7	20
GPT 12G02(L)	12	G1/4	19.7	6	30.4	22.4	32.2	7.5	64.4	16	19.5	22.5	8	33.2	20
GPT 12G03(L)	12	G3/8	19.7	7	28.9	22.4	32.2	5	64.4	20	19.5	22.5	9.5	36.3	20
GPT 12G04(L)	12	G1/2	19.7	8.5	30.4	22.4	32.2	5	64.4	24	19.5	22.5	9.5	50.0	20

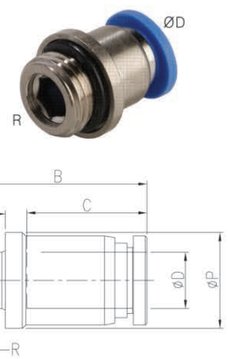
GPST-G(L)
Male Run Tee



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	F	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPST 04G01(L)	4	G1/8	9	5	17.8	14.5	17.1	4.5	13	8.6	10.8	4	7.6	50
GPST 04G02(L)	4	G1/4	9	6	18.5	14.5	17.1	4.5	16	8.6	10.8	4	12.5	50
GPST 04G03(L)	4	G3/8	9	7	20	14.5	17.1	5	20	8.6	10.8	4	20.7	50
GPST 06G01(L)	6	G1/8	11.2	5	19.4	15.5	19	4.5	13	11	13	4	8.8	50
GPST 06G02(L)	6	G1/4	11.2	6	20.1	15.5	19	4.5	16	11	13	4	13.7	50
GPST 06G03(L)	6	G3/8	11.2	7	21.6	15.5	19	5	20	11	13	4	21.9	50
GPST 06G04(L)	6	G1/2	11.2	8.5	23.6	15.5	19	5.5	24	11	13	4	36.5	25
GPST 08G01(L)	8	G1/8	13.6	5	24.6	17.8	23.6	7	13	13	15	5.5	12.0	50
GPST 08G02(L)	8	G1/4	13.6	6	22.8	17.8	23.6	4.5	16	13	15	5.5	14.5	50
GPST 08G03(L)	8	G3/8	13.6	7	23.8	17.8	23.6	4.5	20	13	15	5.5	21.8	25
GPST 08G04(L)	8	G1/2	13.6	8.5	25.8	17.8	23.6	5	24	13	15	5.5	36.1	25
GPST 10G01(L)	10	G1/8	16.3	5	28	19.4	25	5.5	15	16	18.5	6	15.5	25
GPST 10G02(L)	10	G1/4	16.3	6	28.7	19.4	25	7.5	16	16	18.5	8	19.0	25
GPST 10G03(L)	10	G3/8	16.3	7	27.2	19.4	25	5	20	16	18.5	9	22.1	25
GPST 10G04(L)	10	G1/2	16.3	8.5	28.7	19.4	25	5	24	16	18.5	9	35.8	25
GPST 12G01(L)	12	G1/8	19.7	5	29.7	22.4	32.2	5.5	15	19.5	22.5	6	20.3	20
GPST 12G02(L)	12	G1/4	19.7	6	30.4	22.4	32.2	7.8	16	19.5	22.5	8	23.8	20
GPST 12G03(L)	12	G3/8	19.7	7	28.9	22.4	32.2	5	20	19.5	22.5	9.5	26.9	20
GPST 12G04(L)	12	G1/2	19.7	8.5	30.4	22.4	32.2	5	24	19.5	22.5	9.5	40.6	20

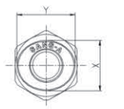
GPOC-G
Male Run Tee

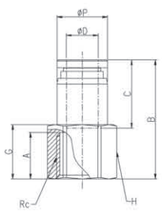


MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPOC 04G01	4	G1/8	14	5	18.4	14.5	3	8.6	10.8	3	7.7	100
GPOC 04G02	4	G1/4	17	6	18.1	14.5	3	8.6	10.8	3	12.8	100
GPOC 04G03	4	G3/8	21	7	18.1	14.5	3	8.6	10.8	3	21.2	50
GPOC 06G01	6	G1/8	14	5	23.1	15.5	4	11	13	4	10.2	100
GPOC 06G02	6	G1/4	17	6	19.8	15.5	4	11	13	4	13.0	100
GPOC 06G03	6	G3/8	21	7	18.8	15.5	4	11	13	4	20.6	50
GPOC 08G01	8	G1/8	14	5	26	17.8	5	13	15	5	12.6	100
GPOC 08G02	8	G1/4	17	6	21.7	17.8	6	13	15	6	12.3	100
GPOC 08G03	8	G3/8	21	7	22.7	17.8	6	13	15	6	21.0	50
GPOC 08G04	8	G1/2	25	8.5	23.7	17.8	6	13	15	6	35.0	50
GPOC 10G01	10	G1/8	15.5	5	27.6	19.4	5	16	18.5	5	16.7	50
GPOC 10G02	10	G1/4	17	6	28.3	19.4	6	16	18.5	6	20.4	50
GPOC 10G03	10	G3/8	21	7	24.3	19.4	8	16	18.5	8	21.0	50
GPOC 10G04	10	G1/2	25	8.5	24.8	19.4	8	16	18.5	8	34.0	50
GPOC 12G01	12	G1/8	18.8	5	31.7	22.4	5	19.5	22.5	5	24.8	50
GPOC 12G02	12	G1/4	18.8	6	31.4	22.4	6	19.5	22.5	6	26.4	50
GPOC 12G03	12	G3/8	21	7	32.4	22.4	9	19.5	22.5	8	33.3	50
GPOC 12G04	12	G1/2	25	8.5	28.9	22.4	10	19.5	22.5	8	36.9	25

GPCF-G
Female Straight

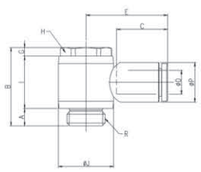


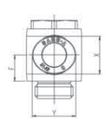


MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	Rc	ØP	G	A	B	C	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPCF 04G01	4	Rc1/8	8.8	11	9	24.4	14.5	13	8.6	10.8	3.2	13.2	100
GPCF 04G02	4	Rc1/4	8.8	14	12	27.4	14.5	16	8.6	10.8	3.2	20.4	100
GPCF 04G03	4	Rc3/8	8.8	15	13	28.4	14.5	19	8.6	10.8	3.2	25.2	50
GPCF 06G01	6	Rc1/8	11	11	9	25.4	15.5	13	11	13	5	14.5	100
GPCF 06G02	6	Rc1/4	11	14	12	28.4	15.5	16	11	13	5	21.7	50
GPCF 06G03	6	Rc3/8	11	15	13	29.4	15.5	19	11	13	5	26.5	50
GPCF 08G01	8	Rc1/8	13	10	9	27.7	17.8	13	13	15	7	16.0	50
GPCF 08G02	8	Rc1/4	13	14	12	30.7	17.8	16	13	15	7	23.2	50
GPCF 08G03	8	Rc3/8	13	15	13	31.7	17.8	19	13	15	7	28.1	50
GPCF 08G04	8	Rc1/2	13	18	16	34.7	17.8	24	13	15	7	48.3	25
GPCF 10G01	10	Rc1/8	15.5	10	9	29.4	19.4	16	16	18.5	7	27.0	50
GPCF 10G02	10	Rc1/4	15.5	13	12	32.4	19.4	16	16	18.5	9	26.1	50
GPCF 10G03	10	Rc3/8	15.5	15	13	33.4	19.4	19	16	18.5	9	31.3	25
GPCF 10G04	10	Rc1/2	15.5	18	16	36.4	19.4	24	16	18.5	9	51.5	25
GPCF 12G02	12	Rc1/8	18.8	12	12	35.4	22.4	19	19.5	22.5	10	44.5	25
GPCF 12G03	12	Rc1/4	18.8	15	13	36.4	22.4	19	19.5	22.5	10	38.3	25
GPCF 12G04	12	Rc3/8	18.8	18	16	39.4	22.4	24	19.5	22.5	10	58.4	25

GPH-G
Female Banjo

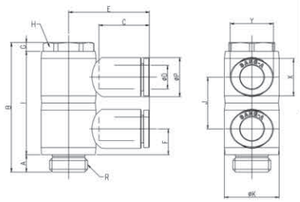




MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	F	G	H	I	ØJ	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPH 04G01	4	G1/8	9	5	22	14.5	21.5	7.3	2.5	13	14.5	14	8.6	10.8	3.2	13.5	50
GPH 04G02	4	G1/4	9	6	27	14.5	24	9	3	16	18	19	8.6	10.8	3.2	24.2	50
GPH 04G03	4	G3/8	9	7	32	14.5	25.7	10.5	4	20	21	22.4	8.6	10.8	3.2	41.4	50
GPH 06G01	6	G1/8	11.2	5	22	15.5	22.5	7.3	2.5	13	14.5	14	11	13	5	14.3	50
GPH 06G02	6	G1/4	11.2	6	27	15.5	25	9	3	16	18	19	11	13	5	25.0	50
GPH 06G03	6	G3/8	11.2	7	32	15.5	26.7	10.5	4	20	21	22.4	11	13	5	42.1	50
GPH 08G01	8	G1/8	13.6	5	22	17.8	25.6	8	2.5	13	14.5	14	13	15	6	15.5	50
GPH 08G02	8	G1/4	13.6	6	27	17.8	28.1	9	3	16	18	19	13	15	7	26.3	50
GPH 08G03	8	G3/8	13.6	7	32	17.8	29.8	10.5	4	20	21	22.4	13	15	7	42.6	25
GPH 08G04	8	G1/2	13.6	8.5	35.5	17.8	32.1	11	5	24	22	27	13	15	7	73.2	25
GPH 10G02	10	G1/4	16.3	6	27	19.4	28.9	9.7	3	16	18	19	16	18.5	8	29.4	25
GPH 10G03	10	G3/8	16.3	7	32	19.4	30.6	10.5	4	20	21	22.4	16	18.5	9	44.8	25
GPH 10G04	10	G1/2	16.3	8.5	35.5	19.4	32.9	11	5	24	22	27	16	18.5	9	74.4	20
GPH 12G03	12	G3/8	19.7	7	32	22.4	35.9	11.9	4	20	21	22.4	19.5	22.5	9.2	49.0	25
GPH 12G04	12	G1/2	19.7	8.5	35.5	22.4	38.2	11.9	5	24	22	27	19.5	22.5	9.5	78.7	20

GPH(D2)-G
Double Universal Elbow

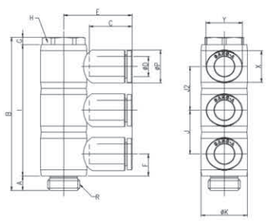


MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	F	G	H	I	J	ØK	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPH 04G01(2)	4	G1/8	9	5	36.5	14.5	21.5	7.3	2.5	13	29	14.5	14	8.6	10.8	3.2	22.2	25
GPH 04G02(2)	4	G1/4	9	6	45	14.5	24	9	3	16	36	18	19	8.6	10.8	3.2	38.8	25
GPH 04G03(2)	4	G3/8	9	7	53	14.5	25.7	10.5	4	20	42	21	22.4	8.6	10.8	3.2	64.0	25
GPH 06G01(2)	6	G1/8	11.2	5	36.5	15.5	22.5	7.3	2.5	13	29	14.5	14	11	13	5	23.7	25
GPH 06G02(2)	6	G1/4	11.2	6	45	15.5	25	9	3	16	36	18	19	11	13	5	40.3	25
GPH 06G03(2)	6	G3/8	11.2	7	53	15.5	26.7	10.5	4	20	42	21	22.4	11	13	5	65.6	25
GPH 08G01(2)	8	G1/8	13.6	5	36.5	17.8	25.6	8	2.5	13	29	14.5	14	13	15	6	26.2	25
GPH 08G02(2)	8	G1/4	13.6	6	45	17.8	28.1	9	3	16	36	18	19	13	15	7	42.9	25
GPH 08G03(2)	8	G3/8	13.6	7	53	17.8	29.8	10.5	4	20	42	21	22.4	13	15	7	66.4	25
GPH 08G04(2)	8	G1/2	13.6	8.5	57.5	17.8	32.1	11	5	24	44	22	27	13	15	7	110.9	25
GPH 10G02(2)	10	G1/4	16.3	6	45	19.4	28.9	9.7	3	16	36	18	19	16	18.5	8	49.3	25
GPH 10G03(2)	10	G3/8	16.3	7	53	19.4	30.6	10.5	4	20	42	21	22.4	16	18.5	9	70.8	20
GPH 10G04(2)	10	G1/2	16.3	8.5	57.5	19.4	32.9	11	5	24	44	22	27	16	18.5	9	113.3	20
GPH 12G03(2)	12	G3/8	19.7	7	53	22.4	35.9	11.9	4	20	42	21	22.4	19.5	22.5	9.2	79.3	9
GPH 12G04(2)	12	G1/2	19.7	8.5	57.5	22.4	38.2	11.9	5	24	44	22	27	19.5	22.5	9.5	121.8	9

GPH(D3)-G

Triple Universal Elbow

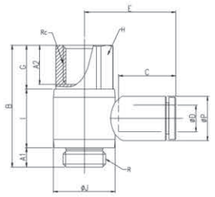


MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	F	G	H	I	J	J2	ØK	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPH 04G01(3)	4	G1/8	9	5	51	14.5	21.5	7.3	2.5	13	43.5	14.5	14.5	14	8.6	10.8	3.2	30.7	25
GPH 04G02(3)	4	G1/4	9	6	63	14.5	24	9	3	16	54	18	18	19	8.6	10.8	3.2	53.4	25
GPH 04G03(3)	4	G3/8	9	7	74	14.5	25.7	10.5	4	20	63	21	21	22.4	8.6	10.8	3.2	86.8	25
GPH 06G01(3)	6	G1/8	11.2	5	51	15.5	22.5	7.3	2.5	13	43.5	14.5	14.5	14	11	13	5	33.0	25
GPH 06G02(3)	6	G1/4	11.2	6	63	15.5	25	9	3	16	54	18	18	19	11	13	5	55.7	25
GPH 06G03(3)	6	G3/8	11.2	7	74	15.5	26.7	10.5	4	20	63	21	21	22.4	11	13	5	89.1	25
GPH 08G01(3)	8	G1/8	13.6	5	51	17.8	25.6	8	2.5	13	43.5	14.5	14.5	14	13	15	6	36.7	25
GPH 08G02(3)	8	G1/4	13.6	6	63	17.8	28.1	9	3	16	54	18	18	19	13	15	7	59.6	25
GPH 08G03(3)	8	G3/8	13.6	7	74	17.8	29.8	10.5	4	20	63	21	21	22.4	13	15	7	90.4	20
GPH 08G04(3)	8	G1/2	13.6	8.5	79.5	17.8	32.1	11	5	24	66	22	22	27	13	15	7	148.5	20
GPH 10G02(3)	10	G1/4	16.3	6	63	19.4	28.9	9.7	3	16	54	18	18	19	16	18.5	8	69.1	12
GPH 10G03(3)	10	G3/8	16.3	7	74	19.4	30.6	10.5	4	20	63	21	21	22.4	16	18.5	9	97.0	12
GPH 10G04(3)	10	G1/2	16.3	8.5	79.5	19.4	32.9	11	5	24	66	22	22	27	16	18.5	9	152.1	12
GPH 12G03(3)	12	G3/8	19.7	7	74	22.4	35.9	11.9	4	20	63	21	21	22.4	19.5	22.5	9.2	109.7	9
GPH 12G04(3)	12	G1/2	19.7	8.5	79.5	22.4	38.2	11.9	5	24	66	22	22	27	19.5	22.5	9.5	164.9	9

GPHF-GG

Female Banjo

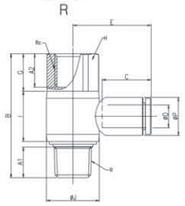


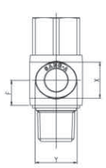
MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	Rc	ØP	A1	A2	B	C	E	F	G	H	I	ØJ	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPHF 04G01-G01	4	G1/8	G1/8	9	5	9	30	14.5	21.5	7.3	10.5	13	14.5	14	8.6	10.8	3.2	18.3	50
GPHF 04G02-G02	4	G1/4	G1/4	9	6	12	37.5	14.5	24	9	13.5	16	18	19	8.6	10.8	3.2	32.0	50
GPHF 04G03-G03	4	G3/8	G3/8	9	7	13	43	14.5	25.7	10.5	15	20	21	22.4	8.6	10.8	3.2	51.1	50
GPHF 06G01-G01	6	G1/8	G1/8	11.2	5	9	30	15.5	22.5	7.3	10.5	13	14.5	14	11	13	5	19.1	50
GPHF 06G02-G02	6	G1/4	G1/4	11.2	6	12	37.5	15.5	25	9	13.5	16	18	19	11	13	5	32.8	50
GPHF 06G03-G03	6	G3/8	G3/8	11.2	7	13	43	15.5	26.7	10.5	15	20	21	22.4	11	13	5	51.8	50
GPHF 08G01-G01	8	G1/8	G1/8	13.6	5	9	30	17.8	25.6	8	10.5	13	14.5	14	13	15	6	20.3	50
GPHF 08G02-G02	8	G1/4	G1/4	13.6	6	12	37.5	17.8	28.1	9	13.5	16	18	19	13	15	7	34.1	50
GPHF 08G03-G03	8	G3/8	G3/8	13.6	7	13	43	17.8	29.8	10.5	15	20	21	22.4	13	15	7	52.3	25
GPHF 08G04-G04	8	G1/2	G1/2	13.6	8.5	16	49.5	17.8	32.1	11	19	24	22	27	13	15	7	89.1	25
GPHF 10G02-G02	10	G1/4	G1/4	16.3	6	12	37.5	19.4	28.9	9.7	13.5	16	18	19	16	18.5	8	37.2	25
GPHF 10G03-G03	10	G3/8	G3/8	16.3	7	13	43	19.4	30.6	10.5	15	20	21	22.4	16	18.5	9	54.5	25
GPHF 10G04-G04	10	G1/2	G1/2	16.3	8.5	16	49.5	19.4	32.9	11	19	24	22	27	16	18.5	9	90.3	20
GPHF 12G03-G03	12	G3/8	G3/8	19.7	7	13	43	22.4	35.9	11.9	15	20	21	22.4	19.5	22.5	9.2	58.7	20
GPHF 12G04-G04	12	G1/2	G1/2	19.7	8.5	16	49.5	22.4	38.2	11.9	19	24	22	27	19.5	22.5	9.5	94.6	20

GPHF-G

Female Banjo



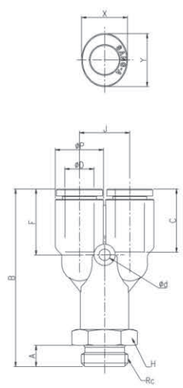


MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	Rc	ØP	A1	A2	B	C	E	F	G	H	I	ØJ	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPHF 0401-G01	4	R1/8	G1/8	9	8	9	34.5	14.5	21.5	7.3	10.5	13	14.5	14	8.6	10.8	3.2	20.9	50
GPHF 0402-G02	4	R1/4	G1/4	9	11	12	44.5	14.5	24	9	13.5	17	18	19	8.6	10.8	3.2	41.3	50
GPHF 0403-G03	4	R3/8	G3/8	9	12	13	50.8	14.5	25.7	10.5	15	21	21	22.4	8.6	10.8	3.2	65.8	50
GPHF 0601-G01	6	R1/8	G1/8	11.2	8	9	34.5	15.5	22.5	7.3	10.5	13	14.5	14	11	13	5	21.7	50
GPHF 0602-G02	6	R1/4	G1/4	11.2	11	12	44.5	15.5	25	9	13.5	17	18	19	11	13	5	42.1	50
GPHF 0603-G03	6	R3/8	G3/8	11.2	12	13	50.8	15.5	26.7	10.5	15	21	21	22.4	11	13	5	66.5	50
GPHF 0801-G01	8	R1/8	G1/8	13.6	8	9	34.5	17.8	25.6	8	10.5	13	14.5	14	13	15	6	22.9	50
GPHF 0802-G02	8	R1/4	G1/4	13.6	11	12	44.5	17.8	28.1	9	13.5	17	18	19	13	15	7	43.4	50
GPHF 0803-G03	8	R3/8	G3/8	13.6	12	13	50.8	17.8	29.8	10.5	15	21	21	22.4	13	15	7	67.0	25
GPHF 0804-G04	8	R1/2	G1/2	13.6	15	16	58.8	17.8	32.1	11	19	24	22	27	13	15	7	104.4	25
GPHF 1002-G02	10	R1/4	G1/4	16.3	11	12	44.5	19.4	28.9	9.7	13.5	17	18	19	16	18.5	8	46.6	25
GPHF 1003-G03	10	R3/8	G3/8	16.3	12	13	50.8	19.4	30.6	10.5	15	21	21	22.4	16	18.5	9	69.2	25
GPHF 1004-G04	10	R1/2	G1/2	16.3	15	16	58.8	19.4	32.9	11	19	24	22	27	16	18.5	9	105.6	20
GPHF 1203-G03	12	R3/8	G3/8	19.7	12	13	50.8	22.4	35.9	11.9	15	21	21	22.4	19.5	22.5	9.2	73.4	20
GPHF 1204-G04	12	R1/2	G1/2	19.7	15	16	58.8	22.4	38.2	11.9	19	24	22	27	19.5	22.5	9.5	109.8	20

GPWT-G

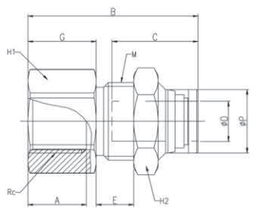
Male Y



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	Ød	J	F	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
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
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
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
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
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
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
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
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
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
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
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
GPWT 10G01	10	G1/8	16.3	5	53.8	19.4	4.2	17	18	17	16	18.5	6	33.1	25
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
GPWT 10G03	10	G3/8	16.3	7	53	19.4	4.2	17	18	20	16	18.5	6.4	36.4	25
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
GPWT 12G01	12	G1/8	19.7	5	63.7	22.4	4.2	20	23.9	19	19.5	22.5	6	54.0	25
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
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
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	69.0	20

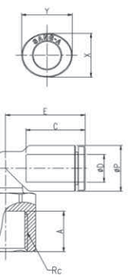
GPMF-G
Bulkhead Female Straight



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	M	G	A	B	C	E	H1	H2	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPMF 04G01	4	G1/8	8.8	M12X1.0P	11	9	25.1	14.5	3.4	14	14	3.2	18.0	100
GPMF 04G02	4	G1/4	8.8	M12X1.0P	14	12	28.1	14.5	3.4	16	14	3.2	22.3	50
GPMF 04G03	4	G3/8	8.8	M12X1.0P	15	13	29.1	14.5	3.4	19	14	3.2	26.6	50
GPMF 06G01	6	G1/8	11	M14X1.0P	9	9	26.3	15.5	6	16	17	5	24.5	50
GPMF 06G02	6	G1/4	11	M14X1.0P	14	12	31.3	15.5	6	16	17	5	27.8	50
GPMF 06G03	6	G3/8	11	M14X1.0P	15	13	32.3	15.5	6	19	17	5	32.1	50
GPMF 08G01	8	G1/8	13	M16X1.0P	8	9	28.9	17.8	7.7	19	19	7	39.7	50
GPMF 08G02	8	G1/4	13	M16X1.0P	14	12	34.9	17.8	7.7	19	19	7	44.2	50
GPMF 08G03	8	G3/8	13	M16X1.0P	15	13	35.9	17.8	7.7	19	19	7	40.9	50
GPMF 08G04	8	G1/2	13	M16X1.0P	18	16	38.9	17.8	7.7	24	19	7	58.3	25
GPMF 10G01	10	G1/8	15.5	M20X1.0P	10	9	29.3	19.4	5.7	22	24	7	54.5	25
GPMF 10G02	10	G1/4	15.5	M20X1.0P	13	12	32.3	19.4	5.7	22	24	9	59.2	25
GPMF 10G03	10	G3/8	15.5	M20X1.0P	15	13	34.3	19.4	5.7	22	24	9	57.4	25
GPMF 10G04	10	G1/2	15.5	M20X1.0P	18	16	37.3	19.4	5.7	24	24	9	60.6	25
GPMF 12G01	12	G1/8	18.8	M22X1.0P	9	9	32.4	22.4	8.2	24	26	8	59.1	25
GPMF 12G02	12	G1/4	18.8	M22X1.0P	12	12	35.4	22.4	8.2	24	26	10	75.8	25
GPMF 12G03	12	G3/8	18.8	M22X1.0P	14	13	37.4	22.4	8.2	24	26	10	75.2	25
GPMF 12G04	12	G1/2	18.8	M22X1.0P	18	16	41.4	22.4	8.2	24	26	10	72.6	25

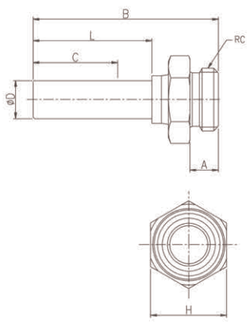
GPLF-G
Female Elbow



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	F	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPLF 04G01	4	G1/8	9	9	18.6	14.5	17.1	13.8	13	8.6	10.8	3.2	14.4	100
GPLF 04G02	4	G1/4	9	12	21.6	14.5	17.1	16.8	16	8.6	10.8	3.2	23.4	50
GPLF 06G01	6	G1/8	11.2	9	19.7	15.5	18	13.8	13	11	13	4	15.2	100
GPLF 06G02	6	G1/4	11.2	12	22.7	15.5	18	16.8	16	11	13	4	24.2	50
GPLF 06G03	6	G3/8	11.2	13	23.7	15.5	18	17.8	19	11	13	4	31.5	25
GPLF 08G01	8	G1/8	13.6	9	21.7	17.8	23.6	14.4	13	13	15	5.5	17.6	50
GPLF 08G02	8	G1/4	13.6	12	24.7	17.8	23.6	17.4	16	13	15	5.5	27.0	50
GPLF 08G03	8	G3/8	13.6	13	25.7	17.8	23.6	18.4	19	13	15	5.5	34.8	25
GPLF 10G02	10	G1/4	16.3	12	26	19.4	25	16.9	16	16	18.5	9	25.5	25
GPLF 10G03	10	G3/8	16.3	13	27	19.4	25	17.9	19	16	18.5	9	32.9	25
GPLF 10G04	10	G1/2	16.3	16	30	19.4	25	20.9	24	16	18.5	9	58.1	25
GPLF 12G02	12	G1/4	19.7	12	27.9	22.4	32.2	16.9	16	19.5	22.5	9.5	31.1	25
GPLF 12G03	12	G3/8	19.7	13	28.9	22.4	32.2	17.9	19	19.5	22.5	9.5	38.5	20
GPLF 12G04	12	G1/2	19.7	16	31.9	22.4	32.2	20.9	24	19.5	22.5	9.5	63.7	20

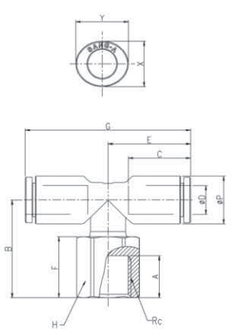
GPCJ-G
Plug-In Male



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	Rc	A	B	L	C	H	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPCJ 04G01	4	G1/8	5	31.2	18	14.5	13	2.5	6.2	100
GPCJ 04G02	4	G1/4	6	31.9	18	14.5	16	2.5	11.1	100
GPCJ 06G01	6	G1/8	5	36.2	23	15.5	13	4	6.4	100
GPCJ 06G02	6	G1/4	6	36.9	23	15.5	16	4	11.3	50
GPCJ 06G03	6	G3/8	7	38.4	23	15.5	20	4	19.5	50
GPCJ 08G01	8	G1/8	5	40.8	25	17.8	13	6	8.7	50
GPCJ 08G02	8	G1/4	6	39	25	17.8	16	6	11.2	50
GPCJ 08G03	8	G3/8	7	40	25	17.8	20	6	18.5	50
GPCJ 10G02	10	G1/4	6	45.1	27	19.4	16	8	13.9	25
GPCJ 10G03	10	G3/8	7	43.6	27	19.4	20	8	17.0	25
GPCJ 10G04	10	G1/2	8.5	45.1	27	19.4	24	8	30.7	25
GPCJ 12G02	12	G1/4	6	47.1	29	22.4	16	8	14.8	25
GPCJ 12G03	12	G3/8	7	45.6	29	22.4	20	9	17.9	25
GPCJ 12G04	12	G1/2	8.5	47.1	29	22.4	24	9	31.6	25
GPCJ 14G03	14	G3/8	7	52	30	24.4	20	11	26.1	12
GPCJ 14G04	14	G1/2	8.5	47.5	30	24.4	24	11	25.7	12
GPCJ 16G03	16	G3/8	7	53	31	25	20	11	26.7	12
GPCJ 16G04	16	G1/2	8.5	48.5	31	25	24	13	26.3	12

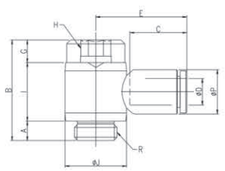
GPTF-G
Female Branch Tee

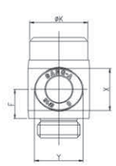


MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	F	G	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPTF 04G01	4	G1/8	9	9	20.6	14.5	17.1	13.8	34.2	13	8.6	10.8	3.2	16.0	100
GPTF 04G02	4	G1/4	9	12	23.6	14.5	17.1	16.8	34.2	16	8.6	10.8	3.2	25.0	50
GPTF 06G01	6	G1/8	11.2	9	21.7	5.5	18	13.8	35.9	13	11	11	4	17.5	50
GPTF 06G02	6	G1/4	11.2	12	24.7	15.5	18	16.8	35.9	16	11	11	4	26.6	50
GPTF 06G03	6	G3/8	11.2	13	25.7	15.5	18	17.8	35.9	19	11	11	4	33.8	15
GPTF 08G01	8	G1/8	13.6	9	24.9	17.8	23.6	14.4	47.2	13	13	13	5.5	22.1	50
GPTF 08G02	8	G1/4	13.6	12	27.9	17.8	23.6	17.4	47.2	16	13	13	5.5	31.5	50
GPTF 08G03	8	G3/8	13.6	13	28.9	17.8	23.6	18.4	47.2	19	13	13	5.5	39.4	15
GPTF 10G02	10	G1/4	16.3	12	28.2	19.4	25	16.9	50	16	16	16	9	31.0	25
GPTF 10G03	10	G3/8	16.3	13	29.2	19.4	25	17.9	50	19	16	16	9	38.4	15
GPTF 10G04	10	G1/2	16.3	16	32.2	19.4	25	20.9	50	24	16	16	9	63.6	15
GPTF 12G02	12	G1/4	19.7	12	29.9	22.4	32.2	16.9	64.4	16	19.5	19.5	9.5	41.7	20
GPTF 12G03	12	G3/8	19.7	13	30.9	22.4	32.2	17.9	64.4	19	19.5	19.5	9.5	49.1	15
GPTF 12G04	12	G1/2	19.7	16	33.9	22.4	32.2	20.9	64.4	24	19.5	19.5	9.5	74.3	15

GPOL-G
Extended Male Elbow

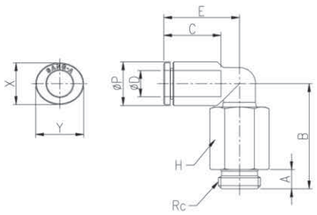




MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	F	G	H	I	ØJ	ØK	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPOL 04G01	4	G1/8	9	5	25.5	14.5	21.5	7.3	6	6	14.5	14	13	8.6	10.8	3.2	15.8	50
GPOL 04G02	4	G1/4	9	6	31	14.5	24	9	7	8	18	19	18	8.6	10.8	3.2	31.3	50
GPOL 04G03	4	G3/8	9	7	35	14.5	25.7	10.5	7	10	21	22.4	21	8.6	10.8	3.2	47.8	25
GPOL 06G01	6	G1/8	11.2	5	25.5	15.5	22.5	7.3	6	6	14.5	14	13	11	13	5	16.6	50
GPOL 06G02	6	G1/4	11.2	6	31	15.5	25	9	7	8	18	19	18	11	13	5	32.1	50
GPOL 06G03	6	G3/8	11.2	7	35	15.5	26.7	10.5	7	10	21	22.4	21	11	13	5	48.5	25
GPOL 08G01	8	G1/8	13.6	5	25.5	17.8	25.6	8	6	6	14.5	14	13	13	15	6	17.8	50
GPOL 08G02	8	G1/4	13.6	6	31	17.8	28.1	9	7	8	18	19	18	13	15	7	33.4	50
GPOL 08G03	8	G3/8	13.6	7	35	17.8	29.8	10.5	7	10	21	22.4	21	13	15	7	49.0	25
GPOL 08G04	8	G1/2	13.6	8.5	41.5	17.8	32.1	11	11	12	22	27	25	13	15	7	90.0	20
GPOL 10G02	10	G1/4	16.3	6	31	19.4	28.9	9.7	7	8	18	19	18	16	18.5	8	36.5	25
GPOL 10G03	10	G3/8	16.3	7	35	19.4	30.6	10.5	7	10	21	22.4	21	16	18.5	9	51.2	25
GPOL 10G04	10	G1/2	16.3	8.5	41.5	19.4	32.9	11	11	12	22	27	25	16	18.5	9	91.2	20
GPOL 12G03	12	G3/8	19.7	7	35	22.4	35.9	11.9	7	10	21	22.4	21	19.5	22.5	9.2	55.4	25
GPOL 12G04	12	G1/2	19.7	8.5	41.5	22.4	38.2	11.9	11	12	22	27	25	19.5	22.5	9.5	95.5	20

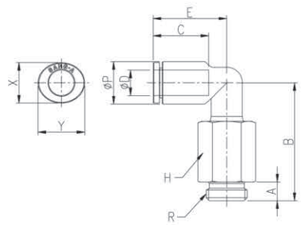
GPLL-G
Extended Male Elbow



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPLL 04G01	4	G1/8	9	5	27.1	14.5	17.1	13	8.6	10.8	3.2	21.4	50
GPLL 04G02	4	G1/4	9	6	27.8	14.5	17.1	16	8.6	10.8	3.2	33.4	50
GPLL 04G03	4	G3/8	9	7	29.3	14.5	17.1	20	8.6	10.8	3.2	50.2	50
GPLL 06G01	6	G1/8	11.2	5	28.2	15.5	18	13	11	13	4	22.2	50
GPLL 06G02	6	G1/4	11.2	6	28.9	15.5	18	16	11	13	4	34.2	50
GPLL 06G03	6	G3/8	11.2	7	30.4	15.5	18	20	11	13	4	51.1	50
GPLL 06G04	6	G1/2	11.2	8.5	32.4	15.5	18	24	11	13	4	82.1	25
GPLL 08G01	6	G1/8	13.6	5	34.6	17.8	23.6	13	13	15	5.5	29.2	50
GPLL 08G02	8	G1/4	13.6	6	32.8	17.8	23.6	16	13	15	5.5	40.0	50
GPLL 08G03	8	G3/8	13.6	7	33.8	17.8	23.6	20	13	15	5.5	57.5	25
GPLL 08G04	8	G1/2	13.6	8.5	35.8	17.8	23.6	24	13	15	5.5	90.8	20
GPLL 10G01	10	G1/8	16.3	5	43.1	19.4	25	15	16	18.5	6	39.5	25
GPLL 10G02	10	G1/4	16.3	6	43.8	19.4	25	16	16	18.5	8	48.5	25
GPLL 10G03	10	G3/8	16.3	7	42.3	19.4	25	20	16	18.5	9	70.8	25
GPLL 10G04	10	G1/2	16.3	8.5	43.8	19.4	25	24	16	18.5	9	109.3	20
GPLL 12G01	12	G1/8	19.7	5	44.95	22.4	32.2	15	19.5	22.5	6	45.1	25
GPLL 12G02	12	G1/4	19.7	6	45.65	22.4	32.2	16	19.5	22.5	8	54.1	25
GPLL 12G03	12	G3/8	19.7	7	44.15	22.4	32.2	20	19.5	22.5	9.5	76.5	20
GPLL 12G04	12	G1/2	19.7	8.5	45.65	22.4	32.2	24	19.5	22.5	9.5	115.0	20
GPLL 14G03	14	G3/8	23.5	7	58.05	24.4	31.9	20	23	25	11.5	106.5	16
GPLL 14G04	14	G1/2	23.5	8.5	53.55	24.4	31.9	24	23	25	12	124.5	16
GPLL 16G04	16	G1/2	25.6	8.5	54.6	25	34	24	24	27	13	124.7	16

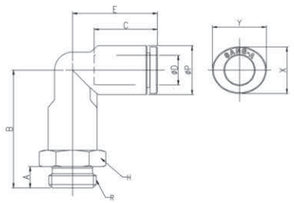
GPLL-G(L)
Extended Male Elbow



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPLL 04G01(L)	4	G1/8	9	5	30.3	14.5	17.1	13	8.6	10.8	3.2	19.5	50
GPLL 04G02(L)	4	G1/4	9	6	31	14.5	17.1	16	8.6	10.8	3.2	30.4	50
GPLL 04G03(L)	4	G3/8	9	7	32.5	14.5	17.1	20	8.6	10.8	3.2	45.7	50
GPLL 06G01(L)	6	G1/8	11.2	5	31.9	15.5	18	13	11	13	4	20.5	50
GPLL 06G02(L)	6	G1/4	11.2	6	32.6	15.5	18	16	11	13	4	31.4	50
GPLL 06G03(L)	6	G3/8	11.2	7	34.1	15.5	18	20	11	13	4	46.7	50
GPLL 06G04(L)	6	G1/2	11.2	8.5	36.1	15.5	18	24	11	13	4	74.9	25
GPLL 08G01(L)	8	G1/8	13.6	5	39.6	17.8	23.6	13	13	15	5.5	26.4	50
GPLL 08G02(L)	8	G1/4	13.6	6	37.8	17.8	23.6	16	13	15	5.5	36.2	50
GPLL 08G03(L)	8	G3/8	13.6	7	38.8	17.8	23.6	20	13	15	5.5	52.1	25
GPLL 08G04(L)	8	G1/2	13.6	8.5	40.8	17.8	23.6	24	13	15	5.5	82.4	20
GPLL 10G01(L)	10	G1/8	16.3	5	49.15	19.4	25	15	16	18.5	6	36.5	25
GPLL 10G02(L)	10	G1/4	16.3	6	49.85	19.4	25	16	16	18.5	8	44.7	25
GPLL 10G03(L)	10	G3/8	16.3	7	48.35	19.4	25	20	16	18.5	9	65.0	25
GPLL 10G04(L)	10	G1/2	16.3	8.5	49.85	19.4	25	24	16	18.5	9	100.0	20
GPLL 12G01(L)	12	G1/8	19.7	5	50.85	22.4	32.2	15	19.5	22.5	6	41.6	25
GPLL 12G02(L)	12	G1/4	19.7	6	51.55	22.4	32.2	16	19.5	22.5	8	49.8	25
GPLL 12G03(L)	12	G3/8	19.7	7	50.05	22.4	32.2	20	19.5	22.5	9.5	70.1	20
GPLL 12G04(L)	12	G1/2	19.7	8.5	51.55	22.4	32.2	24	19.5	22.5	9.5	105.1	20

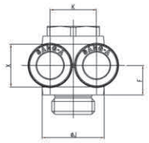
GPLLP-G
Extended Male Elbow

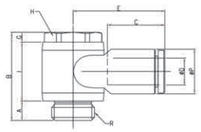


MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	H	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPLLP 04G01	4	G1/8	9	5	27.1	14.5	17.1	13	8.6	10.8	3.2	9.2	50
GPLLP 04G02	4	G1/4	9	6	27.8	14.5	17.1	16	8.6	10.8	3.2	13.5	50
GPLLP 04G03	4	G3/8	9	7	29.3	14.5	17.1	20	8.6	10.8	3.2	20.5	50
GPLLP 06G01	6	G1/8	11.2	5	28.2	15.5	18	13	11	13	5	10.8	50
GPLLP 06G02	6	G1/4	11.2	6	28.9	15.5	18	16	11	13	5	15.2	50
GPLLP 06G03	6	G3/8	11.2	7	30.4	15.5	18	20	11	13	5	21.9	50
GPLLP 06G04	6	G1/2	11.2	8.5	32.4	15.5	18	24	11	13	5	37.2	25
GPLLP 08G01	6	G1/8	13.6	5	34.6	17.8	23.6	13	13	15	6	13.6	50
GPLLP 08G02	8	G1/4	13.6	6	32.8	17.8	23.6	16	13	15	7	17.9	50
GPLLP 08G03	8	G3/8	13.6	7	33.8	17.8	23.6	20	13	15	7	23.8	25
GPLLP 08G04	8	G1/2	13.6	8.5	35.8	17.8	23.6	24	13	15	7	38.3	25
GPLLP 10G01	10	G1/8	16.3	5	43.1	19.4	25	17	16	18.5	6	25.5	25
GPLLP 10G02	10	G1/4	16.3	6	43.8	19.4	25	17	16	18.5	8	27.7	25
GPLLP 10G03	10	G3/8	16.3	7	42.3	19.4	25	20	16	18.5	9	28.5	25
GPLLP 10G04	10	G1/2	16.3	8.5	43.8	19.4	25	24	16	18.5	9	41.9	20
GPLLP 12G01	12	G1/8	19.7	5	45	22.4	32.2	19	19.5	22.5	6	40.1	25
GPLLP 12G02	12	G1/4	19.7	6	45.7	22.4	32.2	19	19.5	22.5	8	42.2	25
GPLLP 12G03	12	G3/8	19.7	7	44.2	22.4	32.2	20	19.5	22.5	10	38.8	20
GPLLP 12G04	12	G1/2	19.7	8.5	45.7	22.4	32.2	24	19.5	22.5	10	53.8	20

GPA-G
Double Branch A

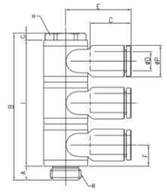


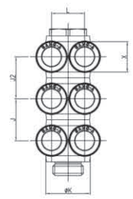


MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	F	G	H	I	ØJ	K	X	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPA 04G01	4	G1/8	9	5	22	14.5	20.6	7.3	2.5	13	14.5	14	9.3	8.6	3.2	14.9	50
GPA 04G02	4	G1/4	9	6	27	14.5	22.6	9	3	16	18	19	9.3	8.6	3.2	25.5	50
GPA 04G03	4	G3/8	9	7	32	14.5	24.6	10.5	4	20	21	22.4	9.3	8.6	3.2	42.9	25
GPA 06G01	6	G1/8	11.2	5	22	15.5	22	7.3	2.5	13	14.5	14	11.4	11	5	16.6	50
GPA 06G02	6	G1/4	11.2	6	27	15.5	23.5	9	3	16	18	19	11.4	11	5	27.0	50
GPA 06G03	6	G3/8	11.2	7	32	15.5	25.7	10.5	4	20	21	22.4	11.4	11	5	44.4	25
GPA 08G01	8	G1/8	13.6	5	22	17.8	25.6	8	2.5	13	14.5	14	14.2	13	5.2	19.4	25
GPA 08G02	8	G1/4	13.6	6	27	17.8	28.1	9	3	16	18	19	14.2	13	6.8	29.8	25
GPA 08G03	8	G3/8	13.6	7	32	17.8	29.8	10.5	4	20	21	22.4	14.2	13	7	46.1	25
GPA 08G04	8	G1/2	13.6	8.5	35.5	17.8	32.1	11	5	24	22	27	14.2	13	7	76.4	20
GPA 10G02	10	G1/4	16.3	6	27	19.4	27.5	9.7	3	16	18	19	17	16	7.3	31.0	20
GPA 10G03	10	G3/8	16.3	7	32	19.4	29.6	10.5	4	20	21	22.4	17	16	9	50.0	20
GPA 10G04	10	G1/2	16.3	8.5	35.5	19.4	31.5	11	5	24	22	27	17	16	9	79.2	10
GPA 12G03	12	G3/8	19.7	7	32	22.4	32.4	11.9	4	20	21	22.4	20	19.5	8.7	58.2	10
GPA 12G04	12	G1/2	19.7	8.5	35.5	22.4	34.9	11.9	5	24	22	27	20	19.5	10	87.6	10

GPA(D3)-G
Triple Branch A

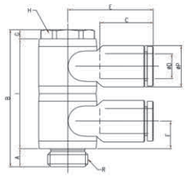


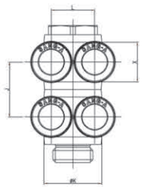


MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	F	G	H	I	J	J2	ØK	L	X	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPA 04G01(3)	4	G1/8	9	5	51	14.5	20.6	7.3	2.5	13	43.5	14.5	14.5	14	9.3	8.6	3.2	34.8	25
GPA 04G02(3)	4	G1/4	9	6	63	14.5	22.6	9	3	16	54	18	18	19	9.3	8.6	3.2	57.4	25
GPA 04G03(3)	4	G3/8	9	7	74	14.5	24.6	10.5	4	20	63	21	21	22.4	9.3	8.6	3.2	91.3	25
GPA 06G01(3)	6	G1/8	11.2	5	51	15.5	22	7.3	2.5	13	43.5	14.5	14.5	14	11.4	11	5	39.8	20
GPA 06G02(3)	6	G1/4	11.2	6	63	15.5	23.5	9	3	16	54	18	18	19	11.4	11	5	61.9	20
GPA 06G03(3)	6	G3/8	11.2	7	74	15.5	25.7	10.5	4	20	63	21	21	22.4	11.4	11	5	95.9	20
GPA 08G01(3)	8	G1/8	13.6	5	51	17.8	25.6	8	2.5	13	43.5	14.5	14.5	14	14.2	13	5.2	48.1	16
GPA 08G02(3)	8	G1/4	13.6	6	63	17.8	28.1	9	3	16	54	18	18	19	14.2	13	6.8	70.3	16
GPA 08G03(3)	8	G3/8	13.6	7	74	17.8	29.8	10.5	4	20	63	21	21	22.4	14.2	13	7	101.0	12
GPA 08G04(3)	8	G1/2	13.6	8.5	79.5	17.8	32.1	11	5	24	66	22	22	27	14.2	13	7	158.2	12
GPA 10G02(3)	10	G1/4	16.3	6	63	19.4	27.5	9.7	3	16	54	18	18	19	17	16	7.3	73.7	9
GPA 10G03(3)	10	G3/8	16.3	7	74	19.4	29.6	10.5	4	20	63	21	21	22.4	17	16	9	112.6	9
GPA 10G04(3)	10	G1/2	16.3	8.5	79.5	19.4	31.5	11	5	24	66	22	22	27	17	16	9	166.6	9
GPA 12G03(3)	12	G3/8	19.7	7	74	22.4	32.4	11.9	4	20	63	21	21	22.4	20	19.5	8.7	137.3	6
GPA 12G04(3)	12	G1/2	19.7	8.5	79.5	22.4	34.9	11.9	5	24	66	22	22	27	20	19.5	10	191.7	6

GPA(D2)-G
Double Branch A

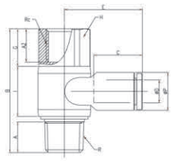


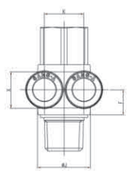


MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	F	G	H	I	J	ØK	L	X	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPA 04G01(2)	4	G1/8	9	5	36.5	14.5	20.6	7.3	2.5	13	29	14.5	14	9.3	8.6	3.2	24.9	25
GPA 04G02(2)	4	G1/4	9	6	45	14.5	22.6	9	3	16	36	18	19	9.3	8.6	3.2	41.4	25
GPA 04G03(2)	4	G3/8	9	7	53	14.5	24.6	10.5	4	20	42	21	22.4	9.3	8.6	3.2	67.0	25
GPA 06G01(2)	6	G1/8	11.2	5	36.5	15.5	22	7.3	2.5	13	29	14.5	14	11.4	11	5	28.2	25
GPA 06G02(2)	6	G1/4	11.2	6	45	15.5	23.5	9	3	16	36	18	19	11.4	11	5	44.4	25
GPA 06G03(2)	6	G3/8	11.2	7	53	15.5	25.7	10.5	4	20	42	21	22.4	11.4	11	5	70.1	25
GPA 08G01(2)	8	G1/8	13.6	5	36.5	17.8	25.6	8	2.5	13	29	14.5	14	14.2	13	5.2	33.8	20
GPA 08G02(2)	8	G1/4	13.6	6	45	17.8	28.1	9	3	16	36	18	19	14.2	13	6.8	50.0	20
GPA 08G03(2)	8	G3/8	13.6	7	53	17.8	29.8	10.5	4	20	42	21	22.4	14.2	13	7	73.5	20
GPA 08G04(2)	8	G1/2	13.6	8.5	57.5	17.8	32.1	11	5	24	44	22	27	14.2	13	7	117.4	20
GPA 10G02(2)	10	G1/4	16.3	6	45	19.4	27.5	9.7	3	16	36	18	19	17	16	7.3	52.3	12
GPA 10G03(2)	10	G3/8	16.3	7	53	19.4	29.6	10.5	4	20	42	21	22.4	17	16	9	81.2	12
GPA 10G04(2)	10	G1/2	16.3	8.5	57.5	19.4	31.5	11	5	24	44	22	27	17	16	9	123.0	12
GPA 12G03(2)	12	G3/8	19.7	7	53	22.4	32.4	11.9	4	20	42	21	22.4	20	19.5	8.7	97.7	6
GPA 12G04(2)	12	G1/2	19.7	8.5	57.5	22.4	34.9	11.9	5	24	44	22	27	20	19.5	10	139.7	6

GPAF-G
Dual Female Banjo

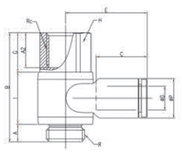


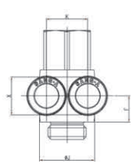


MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	Rc	ØP	A1	A2	B	C	E	F	G	H	I	ØJ	K	X	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPAF 04-G01	4	R1/8	G1/8	9	8	9	34.5	14.5	20.6	7.3	10.5	13	14.5	14	9.3	8.6	3.2	22.3	50
GPAF 04-G02	4	R1/4	G1/4	9	11	12	44.5	14.5	22.6	9	13.5	17	18	19	9.3	8.6	3.2	42.7	50
GPAF 04-G03	4	R3/8	G3/8	9	12	13	50.8	14.5	24.6	10.5	15	21	21	22.4	9.3	8.6	3.2	67.3	25
GPAF 06-G01	6	R1/8	G1/8	11.2	8	9	34.5	15.5	22	7.3	10.5	13	14.5	14	11.4	11	5	24.0	50
GPAF 06-G02	6	R1/4	G1/4	11.2	11	12	44.5	15.5	23.5	9	13.5	17	18	19	11.4	11	5	44.2	50
GPAF 06-G03	6	R3/8	G3/8	11.2	12	13	50.8	15.5	25.7	10.5	15	21	21	22.4	11.4	11	5	68.9	25
GPAF 08-G01	8	R1/8	G1/8	13.6	8	9	34.5	17.8	25.6	8	10.5	13	14.5	14	14.2	13	5.2	26.8	25
GPAF 08-G02	8	R1/4	G1/4	13.6	11	12	44.5	17.8	28.1	9	13.5	17	18	19	14.2	13	6.8	47.0	25
GPAF 08-G03	8	R3/8	G3/8	13.6	12	13	50.8	17.8	29.8	10.5	15	21	21	22.4	14.2	13	7	70.5	25
GPAF 08-G04	8	R1/2	G1/2	13.6	15	16	58.8	17.8	32.1	11	19	24	22	27	14.2	13	7	107.6	20
GPAF 10-G02	10	R1/4	G1/4	16.3	11	12	44.5	19.4	27.5	9.7	13.5	17	18	19	17	16	7.3	48.3	15
GPAF 10-G03	10	R3/8	G3/8	16.3	12	13	50.8	19.4	29.6	10.5	15	21	21	22.4	17	16	9	74.5	15
GPAF 10-G04	10	R1/2	G1/2	16.3	15	16	58.8	19.4	31.5	11	19	24	22	27	17	16	9	110.5	15
GPAF 12-G03	12	R3/8	G3/8	19.7	12	13	50.8	22.4	32.4	11.9	15	21	21	22.4	20	19.5	8.7	82.8	10
GPAF 12-G04	12	R1/2	G1/2	19.7	15	16	58.8	22.4	34.9	11.9	19	24	22	27	20	19.5	10	118.9	10

GPAF-GG
Dual Female Banjo

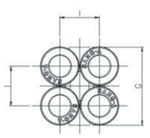


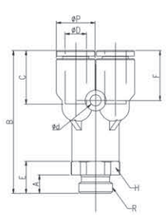


MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	Rc	ØP	A1	A2	B	C	E	F	G	H	I	ØJ	K	X	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPAF 04G01-G01	4	G1/8	G1/8	9	5	9	30	14.5	20.6	7.3	10.5	13	14.5	14	9.3	8.6	3.2	19.8	50
GPAF 04G02-G02	4	G1/4	G1/4	9	6	12	37.5	14.5	22.6	9	13.5	16	18	19	9.3	8.6	3.2	33.4	50
GPAF 04G03-G03	4	G3/8	G3/8	9	7	13	43	14.5	24.6	10.5	15	20	21	22.4	9.3	8.6	3.2	52.6	25
GPAF 06G01-G01	6	G1/8	G1/8	11.2	5	9	30	15.5	22	7.3	10.5	13	14.5	14	11.4	11	5	21.4	50
GPAF 06G02-G02	6	G1/4	G1/4	11.2	6	12	37.5	15.5	23.5	9	13.5	16	18	19	11.4	11	5	34.9	50
GPAF 06G03-G03	6	G3/8	G3/8	11.2	7	13	43	15.5	25.7	10.5	15	20	21	22.4	11.4	11	5	54.2	25
GPAF 08G01-G01	8	G1/8	G1/8	13.6	5	9	30	17.8	25.6	8	10.5	13	14.5	14	14.2	13	5.2	24.2	25
GPAF 08G02-G02	8	G1/4	G1/4	13.6	6	12	37.5	17.8	28.1	9	13.5	16	18	19	14.2	13	6.8	37.7	25
GPAF 08G03-G03	8	G3/8	G3/8	13.6	7	13	43	17.8	29.8	10.5	15	20	21	22.4	14.2	13	7	55.8	25
GPAF 08G04-G04	8	G1/2	G1/2	13.6	8.5	16	49.5	17.8	32.1	11	19	24	22	27	14.2	13	7	92.4	20
GPAF 10G02-G02	10	G1/4	G1/4	16.3	6	12	37.5	19.4	27.5	9.7	13.5	16	18	19	17	16	7.3	38.9	15
GPAF 10G03-G03	10	G3/8	G3/8	16.3	7	13	43	19.4	29.6	10.5	15	20	21	22.4	17	16	9	59.8	15
GPAF 10G04-G04	10	G1/2	G1/2	16.3	8.5	16	49.5	19.4	31.5	11	19	24	22	27	17	16	9	95.3	15
GPAF 12G03-G03	12	G3/8	G3/8	19.7	7	13	43	22.4	32.4	11.9	15	20	21	22.4	20	19.5	8.7	68.1	10
GPAF 12G04-G04	12	G1/2	G1/2	19.7	8.5	16	49.5	22.4	34.9	11.9	19	24	22	27	20	19.5	10	103.7	10

GPXT-G
Male Double Y

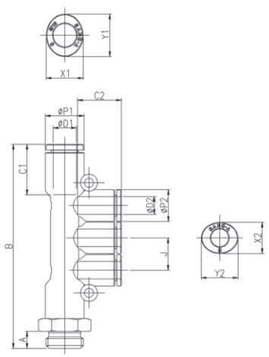




MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	F	G	H	I	Ød	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPXT 04G01	4	G1/8	9	5	38.3	14.5	9.8	13.1	18.2	13	9.2	3.2	2.3	14.3	25
GPXT 04G02	4	G1/4	9	6	39	14.5	10.5	13.1	18.2	16	9.2	3.2	2.3	18.6	25
GPXT 06G01	6	G1/8	11.2	5	41.3	15.5	9.3	14.5	22.6	13	11.5	3.2	3.7	19.5	25
GPXT 06G02	6	G1/4	11.2	6	42.5	15.5	10.5	14.5	22.6	16	11.5	3.2	3.7	23.9	25

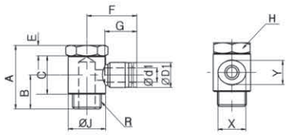
GPKD-G
Male Reducer Triple Branch



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD1	ØD2	R	ØP1	ØP2	B	C1	C2	A	H	J	X1	Y1	X2	Y2	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
GPKD 0604-G01	6	4	G1/8	11.2	9	60.6	15.5	14.5	5	13	9.3	11	13	8.6	10.8	3.2	15.7	25
GPKD 0604-G02	6	4	G1/4	11.2	9	61.3	15.5	14.5	6	16	9.3	11	13	8.6	10.8	3.2	20.1	25
GPKD 0804-G02	8	4	G1/4	13.6	9	65.3	17.8	14.5	6	16	9.3	13	15	8.6	10.8	3.2	23.0	25
GPKD 0806-G02	8	6	G1/4	13.6	11.2	71.9	17.8	15.5	6	16	11.4	13	15	11	13	5	25.7	25
GPKD 0806-G03	8	6	G3/8	13.6	11.2	72.9	17.8	15.5	7	20	11.4	13	15	11	13	5	31.6	25
GPKD 1008-G03	10	8	G3/8	16.3	13.6	83.4	19.4	17.8	7	20	14.2	16	18.5	13	15	7	44.5	20

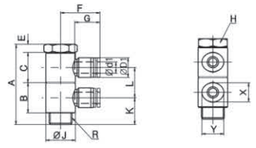
PGL-G(D1)
Single Universal Elbow



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	R	A	B	C	ØD1	Ød1	E	F	G	H	ØJ	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
PGL 04-G01(1)	G1/8	26.5	14	17	10.4	4	4	23.3	16	14	15	10	12	3	14.7	50
PGL 06-G01(1)	G1/8	26.5	14	17	12.4	6	4	24.8	17	14	15	12	14	5	15.5	50
PGL 06-G02(1)	G1/4	32	17.5	19	12.4	6	5	25.9	17	17	18	12	14	5	28.4	50
PGL 08-G01(1)	G1/8	26.5	14	17	14.4	8	4	26.3	18.5	14	15	14	16	7	16.4	50
PGL 08-G02(1)	G1/4	32	17.5	19	14.4	8	5	26.3	18.5	17	18	14	16	7	29.8	25
PGL 08-G03(1)	G3/8	36.5	19.5	22	14.4	8	6	26.3	18.5	21	21.5	14	16	7	52.8	25
PGL 10-G02(1)	G1/4	32	17.5	19	17.6	10	5	29.8	21	17	18	17	19	8	32.5	25
PGL 10-G03(1)	G3/8	36.5	19.5	22	17.6	10	6	29.8	21	21	21.5	17	19	8	54.7	25
PGL 12-G03(1)	G3/8	36.5	19.5	22	21.2	12	6	33.3	22.5	21	21.5	21	23	10	57.7	20
PGL 12-G04(1)	G1/2	40.5	22.5	24	21.2	12	6	33.3	22.5	24	26	21	23	10	92.9	20

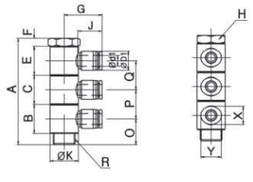
PGL-G(D2)
Double Universal Elbow



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	R	A	B	C	ØD1	Ød1	E	F	G	H	ØJ	K	L	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
PGL 04-G01(2)	G1/8	43.5	17	17	10.4	4	4	23.3	16	14	15	14	17	10	12	3	28.5	25
PGL 06-G01(2)	G1/8	43.5	17	17	12.4	6	4	24.8	17	14	15	14	17	12	14	5	30.5	25
PGL 06-G02(2)	G1/4	46	19	19	12.4	6	5	25.9	17	17	18	17.5	19	12	14	5	33	25
PGL 08-G01(2)	G1/8	43.5	17	17	14.4	8	4	26.3	18.5	14	15	14	17	14	16	7	44.5	20
PGL 08-G02(2)	G1/4	46	19	19	14.4	8	5	26.3	18.5	17	18	17.5	19	14	16	7	47.5	20
PGL 08-G03(2)	G3/8	58.5	20	20	14.4	8	6	26.3	18.5	21	21.5	19.5	22	14	16	7	52.5	20
PGL 10-G02(2)	G1/4	46	19	19	17.6	10	5	29.8	21	17	18	17.5	19	17	19	8	80	20
PGL 10-G03(2)	G3/8	58.5	22	22	17.6	10	6	29.8	21	21	21.5	19.5	22	17	19	8	91	20
PGL 12-G03(2)	G3/8	58.5	22.4	22.4	21.2	12	6	33.3	22.5	21	21.5	19.5	22	21	23	10	152	20
PGL 12-G04(2)	G1/2	64.5	24	24	21.2	12	6	33.3	22.5	24	26	22.5	24	21	23	10	159	20

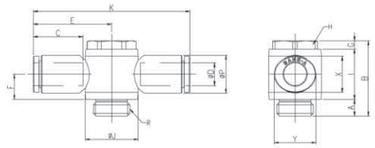
PGL-G(D3)
Triple Universal Elbow



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	R	A	B	C	ØD1	Ød1	E	F	G	H	J	ØK	O	P	Q	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
PGL 04-G01(3)	G1/8	60.5	17	17	10.4	4	17	4	23.3	14	16	15	14	17	17	10	12	3	36.5	25
PGL 06-G01(3)	G1/8	60.5	17	17	12.4	6	17	4	24.8	14	17	15	14	17	17	12	14	5	39	25
PGL 06-G02(3)	G1/4	70	19	19	12.4	6	19	5	25.9	17	17	18	17.5	19	19	12	14	5	42	20
PGL 08-G01(3)	G1/8	60.5	17	17	14.4	8	17	4	26.3	14	18.5	15	14	17	17	14	16	7	57.5	15
PGL 08-G02(3)	G1/4	70	19	19	14.4	8	19	5	26.3	17	18.5	18	17.5	19	19	14	16	7	60.5	15
PGL 08-G03(3)	G3/8	80.5	22	22	14.4	8	22	6	26.3	21	18.5	21.5	19.5	22	22	14	16	7	65	15
PGL 10-G02(3)	G1/4	70	19	19	17.6	10	19	5	29.8	17	21	18	17.5	19	19	17	19	8	107.5	15
PGL 10-G03(3)	G3/8	80.5	22	22	17.6	10	22	6	29.8	21	21	21.5	19.5	22	22	17	19	8	114	15
PGL 12-G03(3)	G3/8	80.5	22	22	21.2	12	22	6	33.3	21	22.5	21.5	19.5	22	22	21	23	10	187	12
PGL 12-G04(3)	G1/2	88.5	24	24	22.2	12	24	6	33.3	24	22.5	26	22.5	24	24	21	23	10	195	12

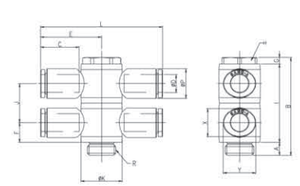
PGT-G(D1)
Single Universal Elbow



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	F	G	H	I	ØJ	K	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
PGT 08G01(1)	8	G1/8	13.6	5	22	17.8	25.6	8	2.5	13	14.5	14	51.2	13	15	6	18.9	25
PGT 08G02(1)	8	G1/4	13.6	6	27	17.8	28.1	9	3	16	18	19	56.2	13	15	7	29.5	25
PGT 08G03(1)	8	G3/8	13.6	7	32	17.8	29.8	10.5	4	20	21	22.4	59.6	13	15	7	45.8	25

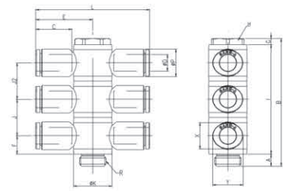
PGT-G(D2)
Double Universal Tee



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	R	ØP	A	B	C	E	F	G	H	I	J	ØK	L	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
PGT 08G01(2)	8	G1/8	13.6	5	36.5	17.8	25.6	8	2.5	13	29	14.5	14	51.2	13	15	6	32.9	25
PGT 08G02(2)	8	G1/4	13.6	6	45	17.8	28.1	9	3	16	36	18	19	56.2	13	15	7	49.4	25
PGT 08G03(2)	8	G3/8	13.6	7	53	17.8	29.8	10.5	4	20	42	21	22.4	59.6	13	15	7	72.9	12

PGT-G(D3)
Triple Universal Tee



MODEL[ØD-T] Tube(Metric)–Thread(G)

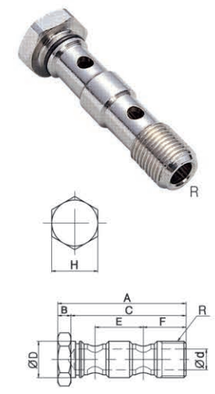
MODEL	ØD	R	ØP	A	B	C	E	F	G	H	I	J	J2	ØK	L	X	Y	Orifice (Ømm)	W.G(g)	Q'ty/ Inbox
PGT 08G01(3)	8	G1/8	13.6	5	51	17.8	25.6	8	2.5	13	43.5	14.5	4.5	14	51.2	13	15	6	46.8	16
PGT 08G02(3)	8	G1/4	13.6	6	63	17.8	28.1	9	3	16	54	18	18	19	56.2	13	15	7	69.2	16
PGT 08G03(3)	8	G3/8	13.6	7	74	17.8	29.8	10.5	4	20	63	21	21	22.4	59.6	13	15	7	100.0	9

PGB(D1)

MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	M	Ød	A	B	C	E	H	W.G(g)	Q'ty/Inbox
PGB G01(1)	9.7	G1/8	5	26.5	4	22.5	14	14	16.3	100
PGB G02(1)	13.1	G1/4	7	32	5	27	17.5	17	26.6	50
PGB G03(1)	16.6	G3/8	9.5	36.5	6	30.5	19.5	21	33.2	25
PGB G04(1)	20.9	G1/2	11.5	40.5	6	34.5	22.5	24	43.2	25

PGB(D2)



MODEL[ØD-T] Tube(Metric)–Thread(G)

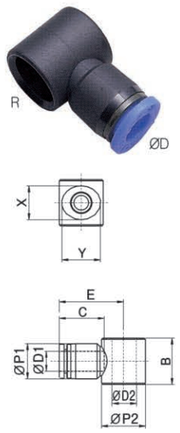
MODEL	ØD	M	Ød	A	B	C	E	F	H	W.G(g)	Q'ty/Inbox
PGB G01(2)	9.7	G1/8	5	43.5	4	39.5	17	14.0	14	33.5	50
PGB G02(2)	13.1	G1/4	7	51	5	46	19	17.5	17	36.5	50
PGB G03(2)	16.6	G3/8	9.5	58.5	6	52.5	22	19.5	21	39.5	25
PGB G04(2)	20.9	G1/2	11.5	64.5	6	58.5	24	22.5	24	42.5	20

PGB(D3)

MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	ØD	M	Ød	A	B	C	E	F	G	H	W.G(g)	Q'ty/Inbox
PGB G01(3)	9.7	G1/8	5	60.5	4	56.5	17	17	14	14	36	50
PGB G02(3)	13.1	G1/4	7	70	5	65	19	19	17.5	17	39	25
PGB G03(3)	16.6	G3/8	9.5	80.5	6	74.5	22	22	19.5	21	42	20
PGB G04(3)	20.9	G1/2	11.5	88.5	6	82.5	24	24	22.5	24	44	20

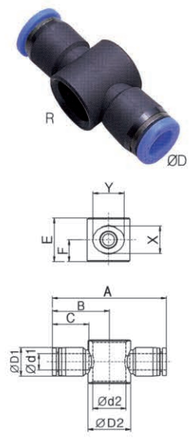
PGL



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	R	E	C	B	ØP1	ØD1	ØP2	ØD2	X	Y	W.G(g)	Q'ty/Inbox
PGL04-G01P	G1/8	19	16	17	10.4	4	15	9.8	10	12	2.2	25
PGL06-G01P	G1/8	19.8	17	17	12.4	6	15	9.8	12	14	3	25
PGL06-G02P	G1/4	20.9	17	19	12.4	6	18	13.2	12	14	3.5	25
PGL08-G01P	G1/8	21.6	18.5	17	14.4	8	15	9.8	14	16	4.1	25
PGL08-G02P	G1/4	21.6	18.5	19	14.4	8	18	13.2	14	16	4.5	25
PGL08-G03P	G3/8	24	18.5	22	14.4	8	21.5	16.7	14	16	5.8	12
PGL10-G02P	G1/4	24	21	19	17.6	10	18	13.2	17	19	7.2	12
PGL10-G03P	G3/8	25.5	21	22	17.6	10	21.5	16.7	17	19	8.9	12
PGL12-G03P	G3/8	28	22.5	22	21.2	12	21.5	16.7	21	23	9.8	12
PGL12-G04P	G1/2	30.3	22.5	24	21.2	12	26	21	21	23	12	12

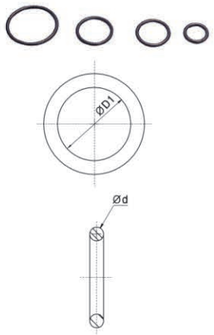
PGT



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	R	A	B	C	ØD1	Ød1	ØD2	Ød2	E	F	X	Y	W.G(g)	Q'ty/Inbox
PGT 04-G01P	G1/8	38	19	16	10.4	4	15	9.8	17	8.5	10	12	4.5	50
PGT 06-G01P	G1/8	39.9	19.8	17	12.4	6	15	9.8	17	8.5	12	14	5.6	50
PGT 06-G02P	G1/4	41.8	20.9	17	12.4	6	18	13.2	19	9.5	12	14	6.5	50
PGT 08-G01P	G1/8	43.2	21.6	18.5	14.4	8	15	9.8	17	8.5	14	16	7.7	50
PGT 08-G02P	G1/4	43.2	21.6	18.5	14.4	8	18	13.2	19	9.5	14	16	9	50
PGT 08-G03P	G3/8	48	24	18.5	14.4	8	21.5	16.7	22	11	14	16	11	25
PGT 10-G02P	G1/4	48	24	21	17.6	10	18	13.2	19	9.5	17	19	13.4	25
PGT 10-G03P	G3/8	51	25.5	21	17.6	10	21.5	16.7	22	11	17	19	15.4	25
PGT 12-G03P	G3/8	56	28	22.5	21.2	12	21.5	16.7	22	11	21	23	18.8	25
PGT 12-G04P	G1/2	60	30	22.5	21.2	12	26	21	24	12	21	23	20.2	20

PGO



MODEL[ØD-T] Tube(Metric)–Thread(G)

MODEL	R	ØD1	W.G(g)	Q'ty/Inbox
PGO G01	Ø8	Ø1.5	0.2	100
PGO G02	Ø12	Ø1.5	0.3	100
PGO G03	Ø15.5	Ø1.5	0.4	100
PGO G04	Ø19.5	Ø1.5	0.5	100