One-touch fittings—threaded type

Ordering code

Same diameter type fittings GPL 6 01 □

(1) (2) (3) (4)

①Model		②Port size	③Thread connection		④Standard color		
			Thread connection	Adaptable port size	Standard color	Specification	Adaptable model
GPHW: Double universal male elbow (G thread)	GPL: Male elbow (G thread)	4: Φ4mm 6: Φ6mm 8: Φ8mm 10: Φ10mm 12: Φ12mm	M5: M5X0.8	Φ4, Φ6	Blank: Gray	Release button: Gray	GPCF GPMF
GPHF: Universal female elbow(G thread)	GPLL: Extended male elbow(G thread)					Release button: Gray Body:Gray	Others
GPEB: Male branch tee (G thread)	GPLF: Female elbow (G thread)						
GPED: Male run tee (G thread)	GPCF: Female connector (G thread)		01: G1/8 02: G1/4 03: G3/8 04: G1/2	Φ4, Φ6 Φ8, Φ10 Φ12	D: Black	Release button: Black	GPCF GPMF
GPYB: Branch "Y" (G thread)	GPMF: Bulkhead connector(G thread)					Release button: Black Body: Black	Others
GPZB: Threaded cross(G thread)	GPH: Universal male elbow(G thread)						

Different diameter type fittings GPKD 6 – 4 01 □

(1) (2) (3) (4) (5)

①Model	②Port size	③Port size	④Thread connection	⑤Standard color	
				Standard color	Specification
GPKD: Male reducer triple branch (G thread)	6: Φ6mm 8: Φ8mm 10: Φ10mm	4: Φ4mm 6: Φ6mm 8: Φ8mm	01: G1/8 02: G1/4 03: G3/8	Blank: Gray	Release button: Gray/Body:Gray
				D: Black	Release button: Black/Body: Black

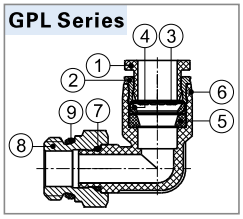
Specification

Operating pressure range	0~10kgf/cm²(0~1.0MPa)
Negative pressure	-750mmHg(10Torr)
Proof pressure	1.5MPa
Ambient and fluid temperature (℃)	-20~70
Applicable tubing	Soft nylon or polyurethane
Color	Gray/black

Product feature

1. Variable models can be widely used in every kind of pneumatic systems.
2. High circulation performance: bear the same flow with the volume of the tubing inside diameter.
3. Connect tubing easily and conveniently. The tubing connection portion is safe and durable.
4. The thread is attached with a sealing gasket to prevent air leakage over the connection thread portion.
5. The nickel plated body is anti-corrosion and anti-pollution, which allows a broader application.

Inner structure



No.	Item	Material
1	Release button	POM
2	Guide	Aluminum alloy
3	Spring gasket	Stainless steel
4	Chuck	POM
5	O-ring	NBR
6	Body	PBT
7	O-ring	NBR
8	Stud	Brass
9	O-ring	NBR

Table for interface port and tube O.D.

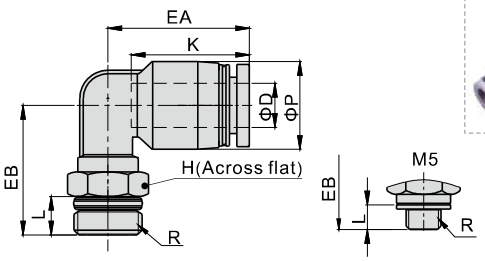
Product series	Thread type	Port size Φ4	Φ6	Φ8	Φ10	Φ12
GPL	M5		●			
	G1/8		●	●	●	●
	G1/4		●	●	●	●
	G3/8		●	●	●	●
	G1/2		●	●	●	●
GPLL	M5	●	●			
	G1/8	●	●	●	●	
	G1/4	●	●	●	●	●
	G3/8		●	●	●	●
	G1/2				●	●
GPEB GPED GPYB	M5	●	●			
	G1/8	●	●	●	●	
	G1/4	●	●	●	●	●
	G3/8		●	●	●	●
	G1/2			●	●	●
GPH GPHF	M5	●	●			
	G1/8	●	●	●		
	G1/4		●	●	●	
	G3/8		●	●	●	●
	G1/2			●	●	●
GPHW	G1/8	●	●	●		
	G1/4		●	●	●	
	G3/8		●	●	●	●
	G1/2			●	●	●
GPZB	G1/8		●	●		
	G1/4		●	●	●	
	G3/8		●	●	●	●
	G1/2			●	●	●

Product series	Thread type	Port size Φ4	Φ6	Φ8	Φ10	Φ12
GPLF	M5	●	●			
	G1/8	●	●	●	●	
	G1/4	●	●	●	●	●
	G3/8		●	●	●	●
	G1/2			●	●	●
GPCF	M5	●	●			
	G1/8	●	●	●	●	
	G1/4	●	●	●	●	●
	G3/8		●	●	●	●
	G1/2		●	●	●	●
GPMF	M5					
	G1/8	●	●	●	●	
	G1/4	●	●	●	●	●
	G3/8		●	●	●	●
	G1/2			●	●	●

Product series	Thread type	Port size Φ6–Φ4	Φ8–Φ6	Φ10–Φ8
GPKD	G1/8	●		
	G1/4		●	
	G3/8			●

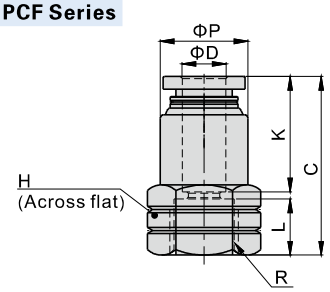
Dimensions

GPL Series



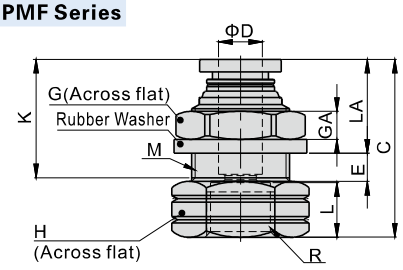
Model\Item	ΦD	R	ΦP	L	K	EA	EB	H	Weight(g)	PCS/bag
GPL6M5	6	M5×0.8	12.5	3.5	17	20	17.0	8	4.5	10
GPL601		G1/8	12.5	5.5	17	20	18.5	10	5.2	10
GPL602		G1/4	12.5	6.5	17	20	22.0	14	11.9	10
GPL603		G3/8	12.5	7	17	20	23.0	19	20.5	10
GPL604		G1/2	12.5	8.5	17	20	26.5	22	32.7	10
GPL801	8	G1/8	15	5.5	18.5	23	19.0	10	6.9	10
GPL802		G1/4	15	6.5	18.5	23	24.0	14	12.2	10
GPL803		G3/8	15	7	18.5	23	24.0	19	21	10
GPL804		G1/2	15	8.5	18.5	23	27.5	22	32.7	10
GPL1001	10	G1/8	18	5.5	21	25.5	24.5	17	16.3	10
GPL1002		G1/4	18	6.5	21	25.5	25.0	17	17.4	10
GPL1003		G3/8	18	7	21	25.5	25.5	19	21	10
GPL1004		G1/2	18	8.5	21	25.5	29.0	22	33.7	10
GPL1201	12	G1/8	21	5.5	23	28.5	26.0	17	18.8	10
GPL1202		G1/4	21	6.5	23	28.5	26.5	17	19.9	10
GPL1203		G3/8	21	7	23	29.5	30.5	19	27.4	10
GPL1204		G1/2	21	8.5	23	29.5	30.5	22	33.7	10

GPCF Series



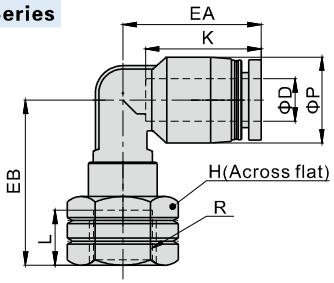
Model\Item	ΦD	R	ΦP	L	C	K	H	Weight(g)	PCS/bag
GPCF4M5	4	M5×0.8	9	5	21	14	10	2.7	10
GPCF401		G1/8	9.5	8	23	14	14	4.5	10
GPCF402		G1/4	9.5	11	26	14	17	6.5	10
GPCF6M5	6	M5×0.8	12	5	21.5	16.5	12	3.9	10
GPCF601		G1/8	12.5	8	25.5	16.5	14	5.6	10
GPCF602		G1/4	12.5	11	28.5	16.5	17	7.5	10
GPCF603		G3/8	13	12	29.5	16.5	21	10.7	10
GPCF604		G1/2	13	13.5	31.0	16.5	25	13.8	10
GPCF801	8	G1/8	14	8	27.5	18.5	14	5.8	10
GPCF802		G1/4	14.5	11	30.5	18.5	17	8.4	10
GPCF803		G3/8	14.5	12	31.5	18.5	21	11.2	10
GPCF804		G1/2	14.5	13.5	33	18.5	25	14.4	10
GPCF1001	10	G1/8	17	8	29	21	17	9.5	10
GPCF1002		G1/4	17	11	33	21	17	9.9	10
GPCF1003		G3/8	18	12	34	21	21	14	10
GPCF1004		G1/2	18	13.5	35.5	21	25	17.1	10
GPCF1202	12	G1/4	21	11	33.5	23	21	17.5	10
GPCF1203		G3/8	21	12	35.5	23	21	16.6	10
GPCF1204		G1/2	21	13.5	37	23	25	19.7	10

GPMF Series



Model\Item	ΦD	R	M	L	C	K	LA	E	GA	G	H	Weight(g)	PCS/bag
GPMF401	4	G1/8	M12X1	8	25	14	12.0	4	4	14	14	6.4	10
GPMF402		G1/4	M12X1	11	29	14	12.0	4	4	14	17	9	10
GPMF601	6	G1/8	M14X1	8	25.5	16.5	12.5	5	4	17	17	9.1	10
GPMF602		G1/4	M14X1	11	30.5	16.5	12.5	5	4	17	17	10.9	10
GPMF603		G3/8	M14X1	12	31.5	16.5	12.5	5	4	17	21	13.2	10
GPMF801	8	G1/8	M16X1	8	27.5	18.5	13.5	5.5	4	19	19	12.8	10
GPMF802		G1/4	M16X1	11	32	18.5	13.5	5.5	4	19	19	15.7	10
GPMF803		G3/8	M16X1	12	33	18.5	13.5	5.5	4	19	21	15	10
GPMF804		G1/2	M16X1	13.5	34.5	18.5	13.5	5.5	4	19	25	18.1	10
GPMF1001	10	G1/8	M20X1	8	30	21	14.5	7.5	5	24	22	19.6	10
GPMF1002		G1/4	M20X1	11	35	21	14.5	7.5	5	24	22	22.8	10
GPMF1003		G3/8	M20X1	12	36	21	14.5	7.5	5	24	22	21.1	10
GPMF1004		G1/2	M20X1	13.5	37.5	21	14.5	7.5	5	24	25	23.2	10
GPMF1202	12	G1/4	M22X1	11	34.5	23	15.5	8	6	27	24	26.2	10
GPMF1203		G3/8	M22X1	12	37.5	23	15.5	8	6	27	24	27	10
GPMF1204		G1/2	M22X1	13.5	39	23	15.5	8	6	27	25	26.2	10

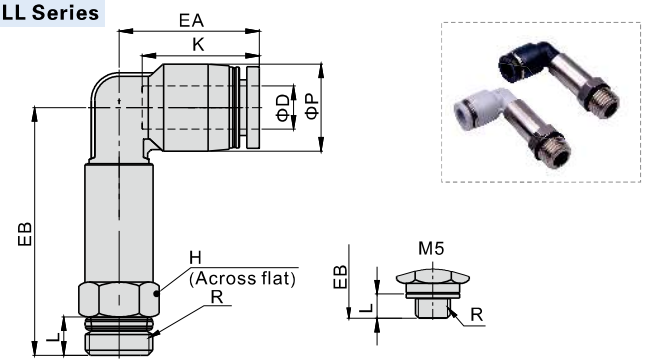
GPLF Series



Model\Item	ΦD	R	ΦP	L	K	EA	EB	H	Weight(g)	PCS/bag
GPLF4M5	4	M5×0.8	9	5	14	17	16	10	2.9	10
GPLF401		G1/8	9	8	14	17	21	14	4.6	10
GPLF402		G1/4	9	11	14	17	24	17	6.8	10
GPLF6M5	6	M5×0.8	12.5	5	17	20	18.5	10	7	10
GPLF601		G1/8	12.5	8	17	20	23	14	5.8	10
GPLF602		G1/4	12.5	11	17	20	26	17	8	10
GPLF603		G3/8	12.5	12	17	20	27	21	10.7	10
GPLF801	8	G1/8	15	8	18.5	23	20	14	6.6	10
GPLF802		G1/4	15	11	18.5	23	27.5	17	9.2	10
GPLF803		G3/8	15	12	18.5	23	28.5	21	11.9	10
GPLF804		G1/2	15	13.5	18.5	23	30	25	15.2	10
GPLF1001	10	G1/8	18	8	21	25.5	24	17	11.3	10
GPLF1002		G1/4	18	11	21	25.5	26.5	17	11.2	10
GPLF1003		G3/8	18	12	21	25.5	30	21	14.5	10
GPLF1004		G1/2	18	13.5	21	25.5	31.5	25	17.4	10
GPLF1202	12	G1/4	21	11	23	28.5	28.5	17	13.7	10
GPLF1203		G3/8	21	12	23	29.5	32	21	17.4	10
GPLF1204		G1/2	21	13.5	23	29.5	33	25	20.4	10

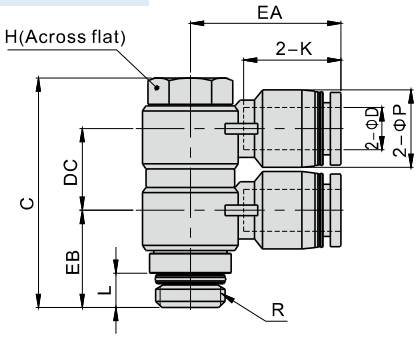
One-touch fittings—threaded type

GPLL Series



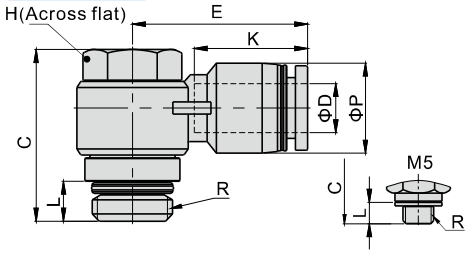
Model\Item	ΦD	R	ΦP	L	K	EA	EB	H	Weight(g)	PCS/bag
GPLL4M5	4	M5×0.8	9	3.5	14	17	32.5	8	8.9	10
GPLL401		G1/8	9	5.5	14	17	33.5	10	11.4	10
GPLL402		G1/4	9	6.5	14	17	36.5	14	15.3	10
GPLL6M5	6	M5×0.8	12.5	3.5	17	20	34.5	8	9.9	10
GPLL601		G1/8	12.5	5.5	17	20	35.5	10	12.1	10
GPLL602		G1/4	12.5	6.5	17	20	38.5	14	16.4	10
GPLL603		G3/8	12.5	7	17	20	41	19	24	10
GPLL801	8	G1/8	15	5.5	18.5	23	43	12	16.4	10
GPLL802		G1/4	15	6.5	18.5	23	43.5	14	21.1	10
GPLL803		G3/8	15	7	18.5	23	46	19	28.5	10
GPLL1001	10	G1/8	18	5.5	21	25.5	50	15	37.3	10
GPLL1002		G1/4	18	6.5	21	25.5	51.5	15	39	10
GPLL1003		G3/8	18	7	21	25.5	52.5	19	41.5	10
GPLL1004		G1/2	18	8.5	21	25.5	53.5	22	44.1	10
GPLL1202	12	G1/4	21	6.5	23	28.5	56	15	44	10
GPLL1203		G3/8	21	7	23	29.5	58	19	56.8	10
GPLL1204		G1/2	21	8.5	23	29.5	59.5	22	53.4	10

GPHW Series



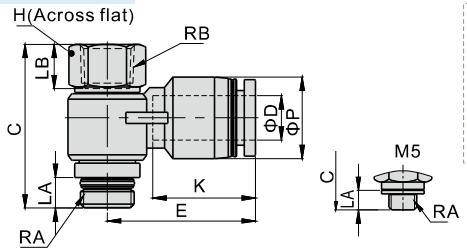
Model\Item	ΦD	R	ΦP	L	C	K	EA	EB	DC	H	Weight(g)	PCS/bag
GPHW401	4	G1/8	9	5.5	38	14	20.5	14.5	13	11	19	10
GPHW601	6	G1/8	12.5	5.5	38	16.5	23.0	15	13	11	21	10
GPHW602		G1/4	12.5	6.5	43.5	16.5	25.0	17.5	15.5	14	40.2	10
GPHW603		G3/8	12.5	7	50	16.5	27.0	20	16.5	19	69.2	5
GPHW801	8	G1/8	15	5.5	40.5	18.5	26.5	16.5	15.5	11	23.6	10
GPHW802		G1/4	15	6.5	43.5	18.5	28.5	18.5	15.5	14	40.8	10
GPHW803		G3/8	15	7	50	18.5	29.5	20	16.5	19	70.4	5
GPHW804		G1/2	15	8.5	61	18.5	32	24.5	22	24	134.8	5
GPHW1002	10	G1/4	18	6.5	46.5	21	31	20	18.5	14	47	10
GPHW1003		G3/8	18	7	55	21	33	21	22	19	87.5	5
GPHW1004		G1/2	18	8.5	61	21	35.5	25	22	24	137.7	5
GPHW1203	12	G3/8	21	7	55	23	36	23	22	19	86.4	5
GPHW1204		G1/2	21	8.5	61	23	38	26.5	22	24	147.5	5

GPH Series



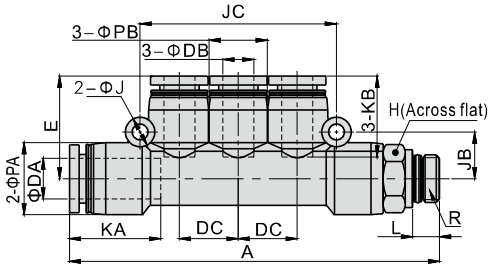
Model\Item	ΦD	R	ΦP	L	C	K	E	H	Weight(g)	PCS/bag
GPH4M5	4	M5×0.8	9	3.5	17	14	19	8	5.8	10
GPH401		G1/8	9	5.5	25	14	20.5	11	12.8	10
GPH6M5	6	M5×0.8	12.5	3.5	17	16.5	23.5	8	6.8	10
GPH601		G1/8	12.5	5.5	25	16.5	23	11	14	10
GPH602		G1/4	12.5	6.5	28	16.5	25	14	25.4	10
GPH603		G3/8	12.5	7	33	16.5	27	19	50.2	5
GPH801	8	G1/8	15	5.5	25	18.5	26.5	11	14.7	10
GPH802		G1/4	15	6.5	28	18.5	28.5	14	26.4	10
GPH803		G3/8	15	7	33	18.5	29.5	19	49.4	5
GPH804		G1/2	15	8.5	39	18.5	32	24	89	5
GPH1002	10	G1/4	18	6.5	28	21	31	14	27.7	10
GPH1003		G3/8	18	7	33	21	33	19	51.1	5
GPH1004		G1/2	18	8.5	39	21	35.5	24	88.5	5
GPH1203	12	G3/8	21	7	33	23	36	19	53	5
GPH1204		G1/2	21	8.5	39	23	38	24	92.8	5

GPHF Series



Model\Item	ΦD	RA	RB	ΦP	LA	LB	C	K	E	H	Weight(g)	PCS/bag
GPHF4M5	4	M5×0.8	M5×0.8	9	3.5	6	20	14	19	8	6.2	10
GPHF401		G1/8	G1/8	9	5.5	8	29.5	14	20.5	12	12.9	10
GPHF6M5	6	M5×0.8	M5×0.8	12.5	3.5	6	20	16.5	23.5	8	7.1	10
GPHF601		G1/8	G1/8	12.5	5.5	8	29.5	16.5	23	12	13.9	10
GPHF602		G1/4	G1/4	12.5	6.5	11	35	16.5	25	17	30.3	10
GPHF603		G3/8	G3/8	12.5	7	12	40	16.5	27	19	44.2	5
GPHF801	8	G1/8	G1/8	15	5.5	8	29.5	18.5	26.5	12	15	10
GPHF802		G1/4	G1/4	15	6.5	11	35	18.5	28.5	17	30.7	10
GPHF803		G3/8	G3/8	15	7	12	40	18.5	29.5	19	44.8	5
GPHF804		G1/2	G1/2	15	8.5	13.5	47.5	18.5	32	24	84.7	5
GPHF1002	10	G1/4	G1/4	18	6.5	11	35	21	31	17	32	10
GPHF1003		G3/8	G3/8	18	7	12	40	21	33	19	46.2	5
GPHF1004		G1/2	G1/2	18	8.5	13.5	47.5	21	35.5	24	86.1	5
GPHF1203	12	G3/8	G3/8	21	7	12	40	23	36	19	48.4	5
GPHF1204		G1/2	G1/2	21	8.5	13.5	47.5	23	38	24	89.7	5

GPKD Series

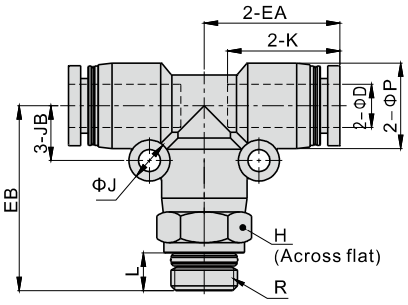


Model\Item	ΦDA	ΦDB	R	L	A	ΦPA	ΦPB	KA	KB
GPKD6-401	6	4	G1/8	5.5	66	12.5	9	16.5	14
GPKD8-602	8	6	G1/4	6.5	77	15	12.5	18.5	16.5
GPKD10-803	10	8	G3/8	7	89.5	18	15	21	18.5

Model\Item	ΦJ	JB	JC	DC	E	H	Weight(g)	PCS/bag
GPKD6-401	3.2	8	34	10	17.5	12	14.9	2
GPKD8-602	3.2	9.5	40	12	21	14	24.9	2
GPKD10-803	4.3	11	48	14.5	24	19	39	2

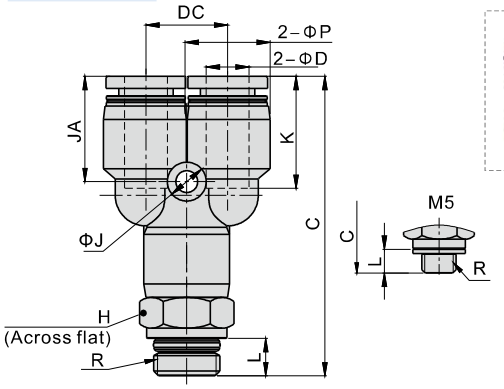
One-touch fittings—threaded type

GPEB Series



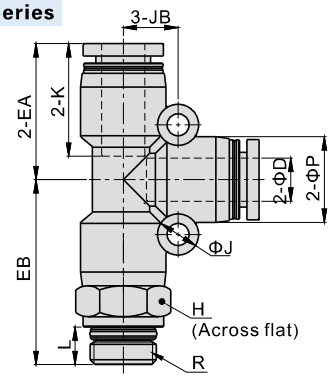
Model\Item	ΦD	R	ΦP	L	K	EA	EB	ΦJ	JB	H	Weight(g)	PCS/bag
GPEB4M5	4	M5×0.8	9	3.5	14	17	21	3.2	6.5	9	6.8	10
GPEB401		G1/8	9	5.5	14	17	23	3.2	6.5	10	7.9	10
GPEB402		G1/4	9	6.5	14	17	26	3.2	6.5	14	13.9	10
GPEB6M5	6	M5×0.8	12.5	3.5	16.5	20	23.5	3.2	8	12	11.2	10
GPEB601		G1/8	12.5	5.5	16.5	20	27	3.2	8	12	13.3	10
GPEB602		G1/4	12.5	6.5	16.5	20	28.5	3.2	8	14	17	10
GPEB603		G3/8	12.5	7	16.5	20	30	3.2	8	19	26.1	10
GPEB801	8	G1/8	15	5.5	18.5	23	30	4.3	9.5	14	18.2	10
GPEB802		G1/4	15	6.5	18.5	23	31	4.3	9.5	14	19.7	10
GPEB803		G3/8	15	7	18.5	23	32.5	4.3	9.5	19	29	10
GPEB804		G1/2	15	8.5	18.5	23	35	4.3	9.5	22	37.7	10
GPEB1001	10	G1/8	18	5.5	21	26.5	33.5	4.3	11	17	26.5	10
GPEB1002		G1/4	18	6.5	21	26.5	34.5	4.3	11	17	27.6	10
GPEB1003		G3/8	18	7	21	26.5	35.5	4.3	11	19	32.7	10
GPEB1004		G1/2	18	8.5	21	26.5	38	4.3	11	22	42.1	10
GPEB1202	12	G1/4	21	6.5	23	30	39	4.3	13	21	48	10
GPEB1203		G3/8	21	7	23	30	40	4.3	13	21	49.1	10
GPEB1204		G1/2	21	8.5	23	30	41.5	4.3	13	22	54	10

GPYB Series



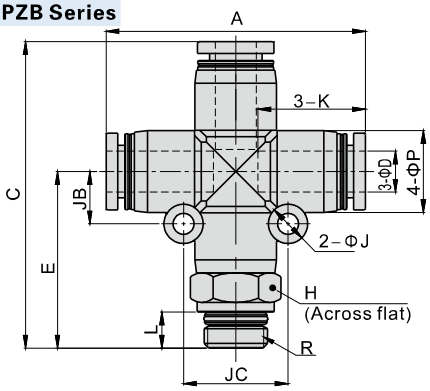
Model\Item	ΦD	R	ΦP	L	C	K	ΦJ	JA	DC	H	Weight(g)	PCS/bag
GPYB4M5	4	M5×0.8	9	3.5	35.5	14	3.2	13	10	9	6.7	10
GPYB401		G1/8	9	5.5	37.5	14	3.2	13	10	10	8.1	10
GPYB402		G1/4	9	6.5	40.5	14	3.2	13	10	14	9.2	10
GPYB6M5	6	M5×0.8	12.5	3.5	40.5	16.5	3.2	15.5	12	12	11.1	10
GPYB601		G1/8	12.5	5.5	44	16.5	3.2	15.5	12	12	13.5	10
GPYB602		G1/4	12.5	6.5	45.5	16.5	3.2	15.5	12	14	16.6	10
GPYB603		G3/8	12.5	7	47.0	16.5	3.2	15.5	12	19	25.8	10
GPYB801	8	G1/8	15	5.5	50	18.5	3.2	17	14.5	14	19.6	10
GPYB802		G1/4	15	6.5	50.5	18.5	3.2	17	14.5	14	20.4	10
GPYB803		G3/8	15	7	52	18.5	3.2	17	14.5	19	28.5	10
GPYB804		G1/2	15	8.5	55	18.5	3.2	17	14.5	22	37.5	10
GPYB1001	10	G1/8	18	5.5	56	21	4.3	19.5	18	17	27.2	10
GPYB1002		G1/4	18	6.5	57	21	4.3	19.5	18	17	27.9	10
GPYB1003		G3/8	18	7	58	21	4.3	19.5	18	19	33.3	10
GPYB1004		G1/2	18	8.5	60.5	21	4.3	19.5	18	22	42.1	10
GPYB1202	12	G1/4	21	6.5	64	23	4.3	21	20.5	21	25.7	10
GPYB1203		G3/8	21	7	65	23	4.3	21	20.5	21	49.7	10
GPYB1204		G1/2	21	8.5	66	23	4.3	21	20.5	22	53.5	10

GPED Series



Model\Item	ΦD	R	ΦP	L	K	EA	EB	ΦJ	JB	H	Weight(g)	PCS/bag
GPED4M5	4	M5×0.8	9	3.5	14	17	21	3.2	6.5	9	6.8	10
GPED401		G1/8	9	5.5	14	17	23	3.2	6.5	10	7.9	10
GPED402		G1/4	9	6.5	14	17	26	3.2	6.5	14	13.9	10
GPED6M5	6	M5×0.8	12.5	3.5	16.5	20	23.5	3.2	8	12	11.2	10
GPED601		G1/8	12.5	5.5	16.5	20	27	3.2	8	12	13.3	10
GPED602		G1/4	12.5	6.5	16.5	20	28.5	3.2	8	14	17	10
GPED603		G3/8	12.5	7	16.5	20	30	3.2	8	19	26.1	10
GPED801	8	G1/8	15	5.5	18.5	23	30	4.3	9.5	14	18.2	10
GPED802		G1/4	15	6.5	18.5	23	31	4.3	9.5	14	19.7	10
GPED803		G3/8	15	7	18.5	23	33	4.3	9.5	19	29	10
GPED804		G1/2	15	8.5	18.5	23	35	4.3	9.5	22	37.7	10
GPED1001	10	G1/8	18	5.5	21	26.5	34	4.3	11	17	26.5	10
GPED1002		G1/4	18	6.5	21	26.5	35	4.3	11	17	27.6	10
GPED1003		G3/8	18	7	21	26.5	36	4.3	11	19	32.7	10
GPED1004		G1/2	18	8.5	21	26.5	38	4.3	11	22	42.1	10
GPED1202	12	G1/4	21	6.5	23	30	39	4.3	13	21	48	10
GPED1203		G3/8	21	7	23	30	40	4.3	13	21	49.1	10
GPED1204		G1/2	21	8.5	23	30	41.5	4.3	13	22	54	10

GPZB Series



Model\Item	ΦD	R	L	A	E	C	ΦP	K	ΦJ	JB	JC	H	Weight(g)	PCS/bag
GPZB601	6	G1/8	5.5	39.5	27	47	12.5	16.5	3.2	8	16	12	15	10
GPZB602		G1/4	6.5		28.5	48.5						14	18.8	10
GPZB603		G3/8	7		30	50						19	27.8	10
GPZB801	8	G1/8	5.5	46	30	53	15	18.5	4.3	9.5	19	14	20.7	10
GPZB802		G1/4	6.5		31	54						14	22.2	10
GPZB803		G3/8	7		32.5	55.5						19	30.7	10
GPZB804		G1/2	8.5		35	58						22	40.2	10
GPZB1002	10	G1/4	6.5	52.5	35	61	18	21	4.3	11	22	17	31.9	10
GPZB1003		G3/8	7		36	62						19	37.3	10
GPZB1004		G1/2	8.5		38	64.5						22	45.9	10
GPZB1203	12	G3/8	7	59.5	40	70	21	23	4.3	13	26	21	54.4	10
GPZB1204		G1/2	8.5		41.5	71.5						22	62.1	10