

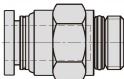
Accessories——One-Touch Fittings

GPC series

Ordering code

GPC 6 01 □

① ② ③ ④

①Model	②Port size	③Thread connection	④Standard color
GPC: Male connector (G thread)	6: $\Phi 6$ mm 8: $\Phi 8$ mm 10: $\Phi 10$ mm 12: $\Phi 12$ mm	Thread connection M5: M5X0.8 01: G1/8 02: G1/4 03: G3/8 04: G1/2	Adaptable port size $\Phi 6$ $\Phi 6, \Phi 8, \Phi 10, \Phi 12$
			Standard color Blank: Gray D: Black
			Specification Release button: Gray Release button: Black

Specification

Operating pressure range	0~10kgf/cm ² (0~1.0MPa)
Negative pressure	-750mmHg(10Torr)
Proof pressure	1.5MPa
Ambient and fluid temperature (°C)	-20~70
Applicable tubing	Soft nylon or polyurethane
Color	Gray/black

Table for interface port and tube O.D.

Product series	Thread type	Port size			
		$\Phi 6$	$\Phi 8$	$\Phi 10$	$\Phi 12$
GPC	M5	●			
	G1/8	●	●	●	●
	G1/4	●	●	●	●
	G3/8	●	●	●	●
	G1/2	●	●	●	●

Product feature

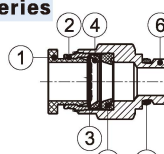
1. The compact appearance space saving.

2. Gray and black are optional for the release button.

3. The threaded portion is attached with a sealing gasket to prevent air leakage over the connection thread portion.

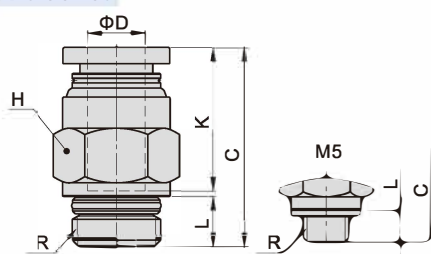


Inner structure

GPC Series		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	Brass
		7	O-ring	NBR

Dimensions

GPC Series



Model\Item	ΦD	R	L	C	K	H(Across flat)	Weight(g)	PCS/bag
GPC6M5	6	M5×0.8	3.5	22.5	16.5	12	8.5	10
GPC601		G1/8	5.5	22	16.35	12	7.1	10
GPC602		G1/4	6.5	21	16.35	14	11.5	10
GPC603		G3/8	7	20.5	16.35	19	23.2	10
GPC604		G1/2	8.5	20.5	16.35	22	37.9	10
GPC801	8	G1/8	5.5	26	18.5	14	10.7	10
GPC802		G1/4	6.5	25	18.5	14	10.5	10
GPC803		G3/8	7	22	18.5	19	21.5	10
GPC804	10	G1/2	8.5	23.5	18.5	22	36.2	10
GPC1001		G1/8	5.5	29.5	20.9	17	13.2	10
GPC1002		G1/4	6.5	29	20.9	17	15.8	10
GPC1003		G3/8	7	25	20.9	19	18.2	10
GPC1004	12	G1/2	8.5	23.5	20.9	22	30.7	10
GPC1201		G1/8	5.5	32	22.7	21	22.3	10
GPC1202		G1/4	6.5	33	22.7	21	25.4	10
GPC1203		G3/8	7	30.5	22.7	21	23.6	10
GPC1204		G1/2	8.5	27.5	22.7	22	31.7	10

Accessories—One-Touch Fittings

GPC, GPL mini series

Ordering code

GPC 6 01 □ - M

1 2 3 4 5

①Model	②Port size	③Thread connection		④Standard color		⑤Style type
GPC: Male connector (G thread)	3.2: Φ3.2mm 4: Φ4mm 6: Φ6mm	Thread connection	Adaptable port size	Standard color	Specification	M: Mini type
		M3: M3X0.5	Φ3.2, Φ4	Blank: Gray	Release button: Gray	
GPL: Male elbow(G thread)		M5: M5X0.8	Φ3.2, Φ4, Φ6			
		01: G1/8	Φ4, Φ6	D: Black	Release button: Black	
		02: G1/4	Φ4			

Specification

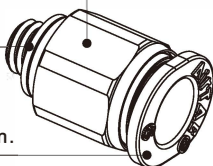
Operating pressure range	0~10kgf/cm ² (0~1.0MPa)
Negative pressure	-750mmHg(10Torr)
Proof pressure	1.5MPa
Ambient and fluid temperature (°C)	-20~70
Applicable tubing	Soft nylon or polyurethane
Color	Gray/black

Table for interface port and tube O.D.

Product series	Thread type	Port size		
		Φ 3.2	Φ 4	Φ 6
GPC GPL	M3	●	●	
	M5	●	●	●
	G1/8		●	●
	G1/4		●	

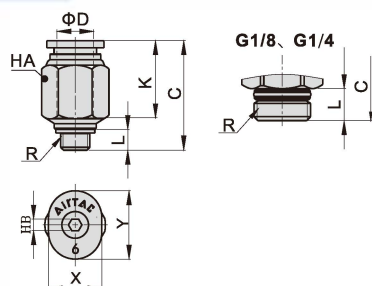
Product feature

1. The compact appearance space saving.
2. The threaded portion is attached with a sealing gasket to prevent air leakage over the connection thread portion.
3. Gray and black are optional for the release button.



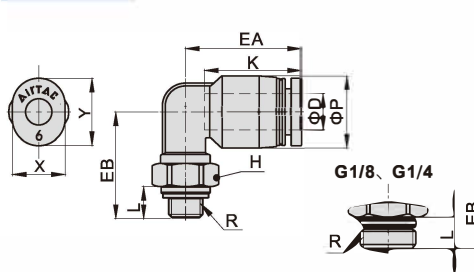
Dimensions

GPC Series



Model\Item	ΦD	R	L	C	K	X	Y	HA	HB	Weight(g)	PCS/bag
GPC3.2M3-M	3.2	M3×0.5	3	16	11.5	6.8	8.7	7	1.5	1.7	10
GPC3.2M5-M		M5×0.8	3.5	16	11.5	6.8	8.7	7	2	2.0	10
GPC4M3-M	4	M3×0.5	3	17.5	12.5	7.8	9.5	8	1.5	2.4	10
GPC4M5-M		M5×0.8	3.5	17	12.5	7.8	9.5	8	2	2.7	10
GPC401-M		G1/8	5.5	16	13.5	7.8	9.5	10	3	3.6	10
GPC402-M	6	G1/4	6.5	16.5	13.5	7.8	9.5	14	3	9.5	10
GPC6M5-M		M5×0.8	3.5	18.5	13.5	9.8	11.7	10	2	3.6	10
GPC601-M		G1/8	5.5	18.5	15.5	9.8	11.7	11	4	6.0	10

GPL Series



Model\Item	ΦD	R	ΦP	L	K	EA	EB	H	X	Y	Weight(g)	PCS/bag
GPL3.2M3-M	3.2	M3×0.5	7.5	3	12	14.5	14	7	6.8	8.7	2.4	10
GPL3.2M5-M		M5×0.8		3.5	12		14.5	7	6.8	8.7	2.7	10
GPL4M3-M	4	M3×0.5	8.5	3	12.5	15	14	7	7.8	9.5	3.0	10
GPL4M5-M		M5×0.8		3.5	12.5		14.5	7	7.8	9.5	3.3	10
GPL401-M		G1/8		5.5	12.5		14	10	7.8	9.5	6.2	10
GPL402-M		G1/4		6.5	12.5		16.5	14	7.8	9.5	14.1	10
GPL6M5-M	6	M5×0.8	10.5	3.5	13.5	16.0	15.5	7	9.8	11.7	4.0	10
GPL601-M		G1/8		5.5	13.5		14.5	10	9.8	11.7	6.8	10

Accessories—One-Touch Fittings

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

Specification

Operating pressure range	0~10kgf/cm ² (0~1.0MPa)
Negative pressure	-750mmHg(10Torr)
Proof pressure	1.5MPa
Ambient and fluid temperature (°C)	-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

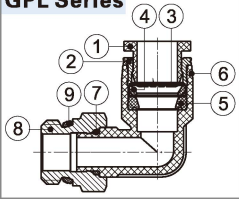
GPL Series	No.	Item	Material
	1	Release button	POM
	2	Guide	Aluminum alloy
	3	Spring gasket	Stainless steel
	4	Chuck	POM
	5	O-ring	NBR
	6	Body	PBT
	7	O-ring	NBR
	8	Stud	Brass
	9	O-ring	NBR

Table for interface port and tube O.D.

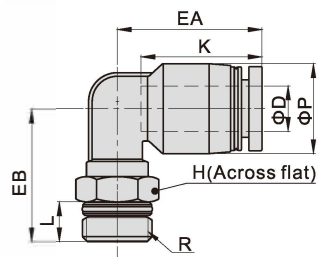
Product series	Thread type	Port size	Product series	Thread type	Port size
		Φ4 Φ6 Φ8 Φ10 Φ12			Φ4 Φ6 Φ8 Φ10 Φ12
GPL	M5	●	GPLF	M5	●
	G1/8	●		G1/8	●
	G1/4	●		G1/4	●
	G3/8	●		G3/8	●
	G1/2	●		G1/2	●
GPLL	M5	●	GPCF	M5	●
	G1/8	●		G1/8	●
	G1/4	●		G1/4	●
	G3/8	●		G3/8	●
	G1/2	●		G1/2	●
GPEB	M5	●	GPMF	M5	●
	G1/8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

Accessories—One-Touch Fittings

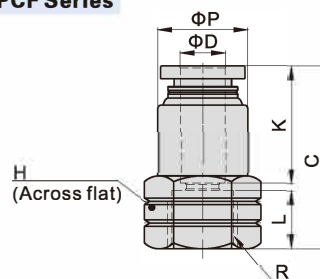
One-touch fittings—threaded type

Dimensions

GPL Series



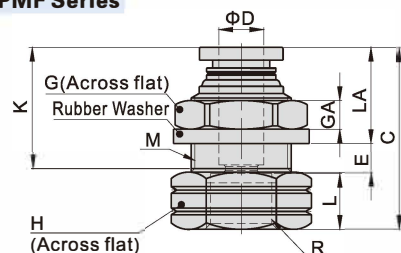
GPCF Series



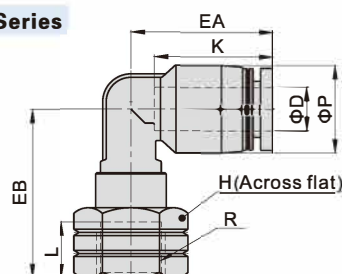
Model\Item	ΦD	R	ΦP	L	K	EA	EB	H	Weight(g)	PCS/bag
GPL6M5	M5×0.8	12.5	3.5	17	20	17.0	8	4.5	10	
GPL601	G1/8	12.5	5.5	17	20	18.5	10	5.2	10	
GPL602	G1/4	12.5	6.5	17	20	22.0	14	11.9	10	
GPL603	G3/8	12.5	7	17	20	23.0	19	20.5	10	
GPL604	G1/2	12.5	8.5	17	20	26.5	22	32.7	10	
GPL801	G1/8	15	5.5	18.5	23	19.0	10	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	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	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	

Model\Item	ΦD	R	ΦP	L	C	K	H	Weight(g)	PCS/bag
GPCF4M5	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	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	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	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	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



GPLF Series



Model\Item	ΦD	R	M	L	C	K	LA	E	GA	G	H	Weight(g)	PCS/bag
GPMF401	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	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	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	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	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	

Model\Item	ΦD	R	ΦP	L	K	EA	EB	H	Weight(g)	PCS/bag
GPLF4M5	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	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	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	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	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	