

Accessories——One-Touch Fittings

One-touch fittings——threaded type

Ordering code

Same diameter type fittings

PL 6 01 □ □
① ② ③ ④ ⑤

① Model	② Port size	③ Thread connection	④ Standard color	⑤ Thread type
PHW: Double universal male elbow 	PL: Male elbow 	Thread connection: Adaptable port size	Standard color: Specification: Adaptable model	
PHF: Universal female elbow 	PLL: Extended male elbow 	M5: M5X0.8	Blank: Gray	Release button: Gray PCF PMF
PEB: Male branch tee 	PLF: Female elbow 	4: Φ4mm 6: Φ6mm 8: Φ8mm 10: Φ10mm 12: Φ12mm	Blank: Gray	Release button: Gray Body: Gray Others
PED: Male run tee 	PCF: Female connector 	01: 1/8" 02: 1/4" 03: 3/8" 04: 1/2"	D: Black	Release button: Black PCF PMF
PYB: Branch "Y" 	PMF: Bulkhead connector 			Release button: Black Body: Black Others
PZB: Threaded cross 	PH: Universal male elbow 			

Different diameter type fittings

PKD 6 - 4 01 □ □
① ② ③ ④ ⑤ ⑥

① Model	② Port size	③ Port size	④ Thread connection	⑤ Standard color	⑥ Thread type
PKD: Male reducer triple branch 	6: Φ6mm 8: Φ8mm 10: Φ10mm	4: Φ4mm 6: Φ6mm 8: Φ8mm	01: 1/8" 02: 1/4" 03: 3/8"	Standard color: Specification: Blank: Gray D: Black	Release button: Gray/Body: Gray Release button: Black/Body: Black Blank: PT

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	Grey/black

Product feature

- Variable models can be widely used in every kind of pneumatic systems.
- High circulation performance: bear the same flow with the volume of the tubing inside diameter.
- Connect tubing easily and conveniently. The tubing connection portion is safe and durable.
- The threaded portion is covered with sealant and the M5 thread is attached with a sealing gasket to prevent air leakage over the connection thread portion.
- Nickle plated mental body is resistant to corrosion and pollution, which has wider range of application.

Inner structure

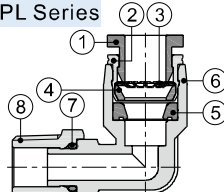
PL Series	No.	Item	Material
	1	Release button	POM
	2	Guide	Aluminum alloy
	3	Spring gasket	Stainless steel
	4	Chuck	POM
	5	O-ring	NBR
	6	Body	PBT
	7	O-ring	NBR
	8	Stud	Brass

Table for interface port and tube O.D.

Product series	Thread type	Port size				
		Φ4	Φ6	Φ8	Φ10	Φ12
PL	M5	•	•			
	1/8"	•	•	•	•	•
	1/4"	•	•	•	•	•
	3/8"		•	•	•	•
PLL	1/2"		•	•	•	•
	M5	•	•			
	1/8"	•	•	•	•	•
	1/4"	•	•	•	•	•
PEB	3/8"		•	•	•	•
	1/2"			•	•	•
PED	M5	•	•			
	1/8"	•	•	•	•	•
	1/4"	•	•	•	•	•
	3/8"		•	•	•	•
PYB	1/2"			•	•	•
	M5	•	•			
	1/8"	•	•	•	•	•
	1/4"	•	•	•	•	•
PH	3/8"		•	•	•	•
	1/2"			•	•	•
PHF	1/8"	•	•	•		
	1/4"		•	•	•	
	3/8"		•	•	•	•
	1/2"			•	•	•
PHW	1/8"	•	•	•		
	1/4"		•	•	•	
	3/8"		•	•	•	•
	1/2"			•	•	•
PZB	1/8"		•	•		
	1/4"		•	•	•	
	3/8"		•	•	•	•
	1/2"			•	•	•

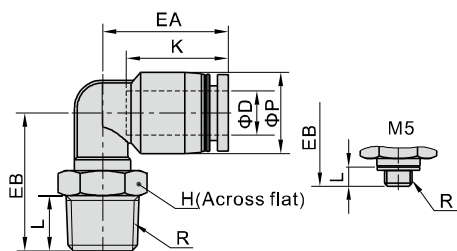
Product series	Thread type	Port size				
		Φ4	Φ6	Φ8	Φ10	Φ12
PLF	M5	•	•			
	1/8"	•	•	•	•	•
	1/4"	•	•	•	•	•
	3/8"		•	•	•	•
PCF	1/2"			•	•	•
	M5	•	•			
	1/8"	•	•	•	•	•
	1/4"	•	•	•	•	•
PMF	3/8"		•	•	•	•
	1/2"			•	•	•
PKD	M5	•	•			
	1/8"	•	•	•	•	•
	1/4"		•	•	•	•
	3/8"			•	•	•

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One-touch fittings—threaded type

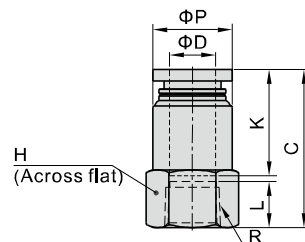
Dimensions

PL Series



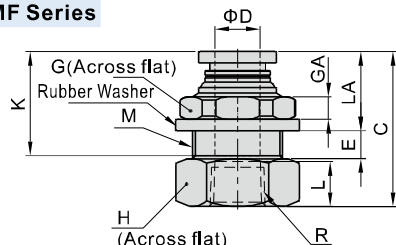
Model\Item	ΦD	R	ΦP	L	K	EA	EB	H	Weight(g)
PL4M5	4	M5×0.8	9	3.5	14	17	15	8	3
PL401		1/8"	9	7.5	14	17	18.5	10	4.5
PL402		1/4"	9	10	14	17	22.0	14	12
PL6M5	6	M5×0.8	12.5	3.5	17	20	17.0	8	4.5
PL601		1/8"	12.5	7.5	17	20	20.5	10	6
PL602		1/4"	12.5	10	17	20	24.0	14	13.5
PL603		3/8"	12.5	11	17	20	25.5	17	20.5
PL604	8	1/2"	12.5	14	17	20	30.0	21	36
PL801		1/8"	15	7.5	18.5	23	20.5	10	7.5
PL802		1/4"	15	10	18.5	23	25.0	14	13
PL803		3/8"	15	11	18.5	23	26.5	17	21
PL804	10	1/2"	15	14	18.5	23	31.0	21	36
PL1001		1/8"	18	7.5	21	25.5	25.0	17	16.5
PL1002		1/4"	18	10	21	25.5	27.0	17	19
PL1003		3/8"	18	11	21	25.5	28.0	17	21
PL1004	12	1/2"	18	14	21	25.5	32.5	21	37
PL1201		1/8"	21	7.5	23	28.5	26.5	17	19
PL1202		1/4"	21	10	23	28.5	28.5	17	21.5
PL1203		3/8"	21	11	23	29.5	33	17	25.5
PL1204		1/2"	21	14	23	29.5	34	21	37

PCF Series



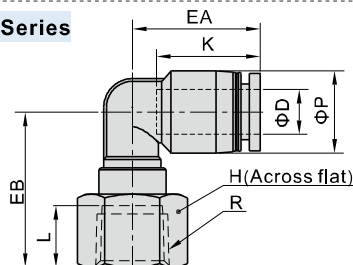
Model\Item	ΦD	R	ΦP	L	C	K	H	Weight(g)
PCF4M5	4	M5×0.8	9	5	21	14	10	2.7
PCF401		1/8"	9.5	8	23	14	14	4.5
PCF402		1/4"	9.5	11	26	14	17	6.5
PCF6M5	6	M5×0.8	12	5	21.5	16.5	12	3.9
PCF601		1/8"	12.5	8	25.5	16.5	14	5.6
PCF602		1/4"	12.5	11	28.5	16.5	17	7.5
PCF603		3/8"	13	12	29.5	16.5	21	10.7
PCF604	8	1/2"	13	13.5	31.0	16.5	25	13.8
PCF801		1/8"	14	8	27.5	18.5	14	5.8
PCF802		1/4"	14.5	11	30.5	18.5	17	8.4
PCF803		3/8"	14.5	12	31.5	18.5	21	11.2
PCF804	10	1/2"	14.5	13.5	33	18.5	25	14.4
PCF1001		1/8"	17	8	29	21	17	9.5
PCF1002		1/4"	17	11	33	21	17	9.9
PCF1003		3/8"	18	12	34	21	21	14
PCF1004	12	1/2"	18	13.5	35.5	21	25	17.1
PCF1202		1/4"	21	11	33.5	23	21	17.5
PCF1203		3/8"	21	12	35.5	23	21	16.6
PCF1204		1/2"	21	13.5	37	23	25	19.7

PMF Series



Model\Item	ΦD	R	M	L	C	K	LA	E	GA	G	H	Weight(g)
PMF401	4	1/8"	M12X1	8	25	14	12	4	4	14	14	6.4
PMF402		1/4"	M12X1	11	29	14	12	4	4	14	17	9
PMF601	6	1/8"	M14X1	8	25.5	16.5	12.5	5	4	17	17	9.1
PMF602		1/4"	M14X1	11	30.5	16.5	12.5	5	4	17	17	10.9
PMF603		3/8"	M14X1	12	31.5	16.5	12.5	5	4	17	21	13.2
PMF801	8	1/8"	M16X1	8	27.5	18.5	13.5	5.5	4	19	19	12.8
PMF802		1/4"	M16X1	11	32	18.5	13.5	5.5	4	19	19	15.7
PMF803		3/8"	M16X1	12	33	18.5	13.5	5.5	4	19	21	15
PMF804		1/2"	M16X1	13.5	34.5	18.5	13.5	5.5	4	19	25	18.1
PMF1001	10	1/8"	M20X1	8	30	21	14.5	7.5	5	24	22	19.6
PMF1002		1/4"	M20X1	11	35	21	14.5	7.5	5	24	22	22.8
PMF1003		3/8"	M20X1	12	36	21	14.5	7.5	5	24	22	21.1
PMF1004		1/2"	M20X1	13.5	37.5	21	14.5	7.5	5	24	25	23.2
PMF1202	12	1/4"	M22X1	11	34.5	23	15.5	8	6	27	24	26.2
PMF1203		3/8"	M22X1	12	37.5	23	15.5	8	6	27	24	27
PMF1204		1/2"	M22X1	13.5	39	23	15.5	8	6	27	25	26.2

PLF Series

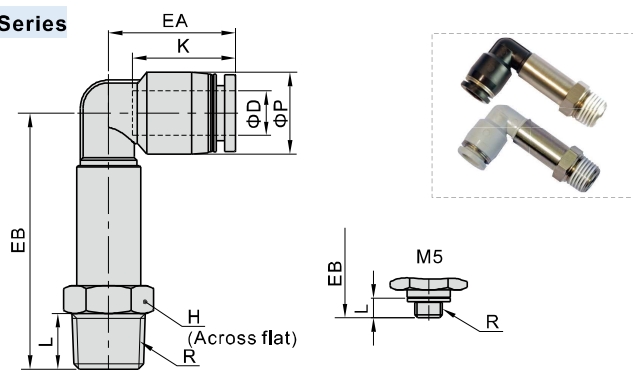


Model\Item	ΦD	R	ΦP	L	K	EA	EB	H	Weight(g)
PLF4M5	4	M5×0.8	9	5	14	17	16	10	2.9
PLF401		1/8"	9	8	14	17	21	14	4.6
PLF402		1/4"	9	11	14	17	24	17	6.8
PLF6M5	6	M5×0.8	12.5	5	17	20	18.5	10	7
PLF601		1/8"	12.5	8	17	20	23	14	5.8
PLF602		1/4"	12.5	11	17	20	26	17	8
PLF603		3/8"	12.5	12	17	20	27	21	10.7
PLF801	8	1/8"	15	8	18.5	23	20	14	6.6
PLF802		1/4"	15	11	18.5	23	27.5	17	9.2
PLF803		3/8"	15	12	18.5	23	28.5	21	11.9
PLF804		1/2"	15	13.5	18.5	23	30	25	15.2
PLF1001	10	1/8"	18	8	21	25.5	24	17	11.3
PLF1002		1/4"	18	11	21	25.5	26.5	17	11.2
PLF1003		3/8"	18	12	21	25.5	30	21	14.5
PLF1004		1/2"	18	13.5	21	25.5	31.5	25	17.4
PLF1202	12	1/4"	21	11	23	28.5	28.5	17	13.7
PLF1203		3/8"	21	12	23	29.5	32	21	17.4
PLF1204		1/2"	21	13.5	23	29.5	33	25	20.4

Accessories—One-Touch Fittings

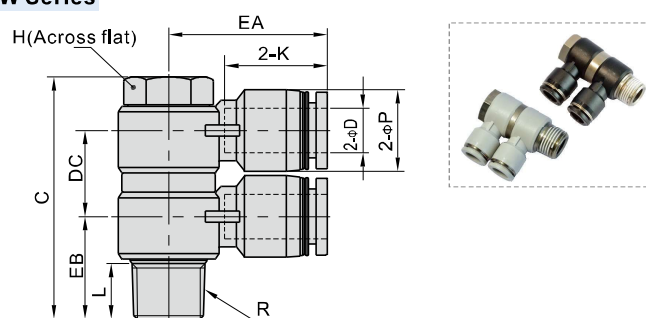
One-touch fittings—threaded type

PLL Series



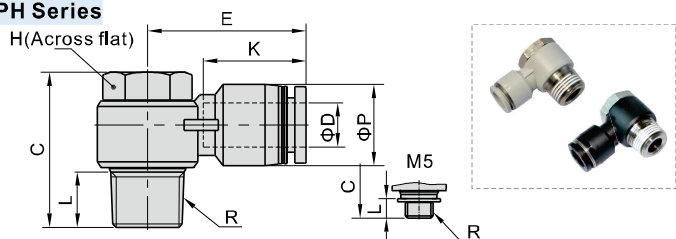
Model\Item	ΦD	R	ΦP	L	K	EA	EB	H	Weight(g)
PLL4M5	4	M5×0.8	9	3.5	14	17	32.5	8	8.9
PLL401		1/8"	9	7.5	14	17	35.5	10	12.3
PLL402		1/4"	9	10	14	17	38.5	14	16.9
PLL6M5	6	M5×0.8	12.5	3.5	17	20	34.5	8	9.9
PLL601		1/8"	12.5	7.5	17	20	37.5	10	13
PLL602		1/4"	12.5	10	17	20	40.5	14	18
PLL603		3/8"	12.5	11	17	20	43	17	23.4
PLL801	8	1/8"	15	7.5	18.5	23	43.5	12	16.6
PLL802		1/4"	15	10	18.5	23	45.5	14	22.7
PLL803		3/8"	15	11	18.5	23	48	17	27.7
PLL1001	10	1/8"	18	7.5	21	25.5	50.5	15	37.5
PLL1002		1/4"	18	10	21	25.5	53.5	15	40.6
PLL1003		3/8"	18	11	21	25.5	54.5	17	40.7
PLL1004		1/2"	18	14	21	25.5	59	21	47.4
PLL1202	12	1/4"	21	10	23	28.5	55.5	15	43
PLL1203		3/8"	21	11	23	29.5	60	17	55.4
PLL1204		1/2"	21	14	23	29.5	63	21	56.7

PHW Series



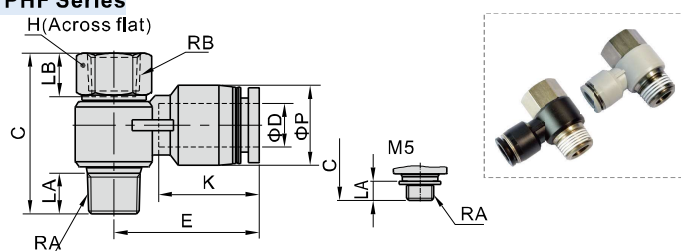
Model\Item	ΦD	R	ΦP	L	C	K	EA	EB	DC	H	Weight(g)
PHW401	4	1/8"	9	7.5	38	14	20.5	14.5	13	11	19
PHW601	6	1/8"	12.5	7.5	38	16.5	23.0	15	13	11	21
PHW602		1/4"	12.5	10	43.5	16.5	25.0	17.5	15.5	14	40.2
PHW603		3/8"	12.5	11	50	16.5	27.0	20	16.5	19	69.2
PHW801	8	1/8"	15	7.5	40.5	18.5	26.5	16.5	15.5	11	23.6
PHW802		1/4"	15	10	43.5	18.5	28.5	18.5	15.5	14	40.8
PHW803		3/8"	15	11	50	18.5	29.5	20	16.5	19	70.4
PHW804	10	1/2"	15	14	61	18.5	32	24.5	22	24	134.8
PHW1002		1/4"	18	10	46.5	21	31	20	18.5	14	47
PHW1003		3/8"	18	11	55	21	33	21	22	19	87.5
PHW1004	12	1/2"	18	14	61	21	35.5	25	22	24	137.7
PHW1203		3/8"	21	11	55	23	36	23	22	19	86.4
PHW1204		1/2"	21	14	61	23	38	26.5	22	24	147.5

PH Series



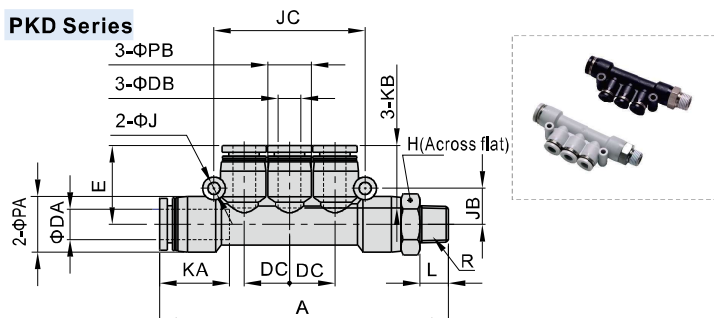
Model\Item	ΦD	R	ΦP	L	C	K	E	H	Weight(g)
PH4M5	4	M5×0.8	9	3.5	17	14	19	8	5.8
PH401	4	1/8"	9	7.5	25	14	20.5	11	12.8
PH6M5		M5×0.8	12.5	3.5	17	16.5	23.5	8	6.8
PH601		1/8"	12.5	7.5	25	16.5	23	11	14
PH602	6	1/4"	12.5	10	28	16.5	25	14	25.4
PH603		3/8"	12.5	11	33	16.5	27	19	50.2
PH801	8	1/8"	15	7.5	25	18.5	26.5	11	14.7
PH802		1/4"	15	10	28	18.5	28.5	14	26.4
PH803		3/8"	15	11	33	18.5	29.5	19	49.4
PH804	10	1/2"	15	14	39	18.5	32	24	89
PH1002		1/4"	18	10	28	21	31	14	27.7
PH1003		3/8"	18	11	33	21	33	19	51.1
PH1004	12	1/2"	18	14	39	21	35.5	24	88.5
PH1203		3/8"	21	11	33	23	36	19	53
PH1204		1/2"	21	14	39	23	38	24	92.8

PHF Series



Model\Item	ΦD	RA	RB	ΦP	LA	LB	C	K	E	H	Weight(g)
PHF4M5	4	M5×0.8	M5×0.8	9	3.5	6	20	14	19	8	6.2
PHF401	4	1/8"	1/8"	9	7.5	8	29.5	14	20.5	12	12.9
PHF6M5		M5×0.8	M5×0.8	12.5	3.5	6	20	16.5	23.5	8	7.1
PHF601		1/8"	1/8"	12.5	7.5	8	29.5	16.5	23	12	13.9
PHF602	6	1/4"	1/4"	12.5	10	11	35	16.5	25	17	30.3
PHF603		3/8"	3/8"	12.5	11	12	40	16.5	27	19	44.2
PHF801	8	1/8"	1/8"	15	7.5	8	29.5	18.5	26.5	12	15
PHF802		1/4"	1/4"	15	10	11	35	18.5	28.5	17	30.7
PHF803		3/8"	3/8"	15	11	12	40	18.5	29.5	19	44.8
PHF804	10	1/2"	1/2"	15	14	13.5	47.5	18.5	32	24	84.7
PHF1002		1/4"	1/4"	18	10	11	35	21	31	17	32
PHF1003		3/8"	3/8"	18	11	12	40	21	33	19	46.2
PHF1004	12	1/2"	1/2"	18	14	13.5	47.5	21	35.5	24	86.1
PHF1203		3/8"	3/8"	21	11	12	40	23	36	19	48.4
PHF1204		1/2"	1/2"	21	14	13.5	47.5	23	38	24	89.7

PKD Series



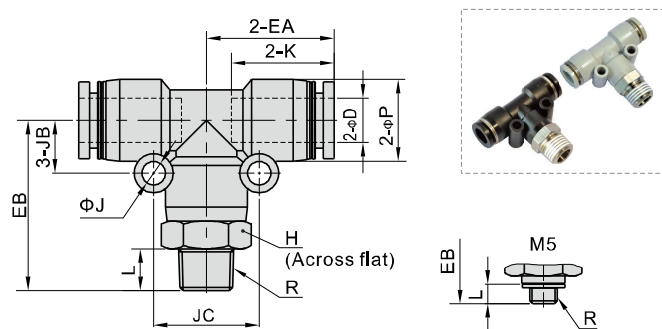
Model\Item	ΦDA	ΦDB	R	L	A	ΦPA	ΦPB	KA
PKD6-401	6	4	1/8"	7.5	66.5	12.5	9	16.5
PKD8-602	8	6	1/4"	10	79	15	12.5	18.5
PKD10-803	10	8	3/8"	11	91.5	18	15	21

Model\Item	KB	ΦJ	JB	JC	DC	E	H	Weight(g)
PKD6-401	14	3.2	8	34	10	17.5	12	15.8
PKD8-602	16.5	3.2	9.5	40	12	21	14	26.5
PKD10-803	18.5	4.3	11	48	14.5	24	17	38.2

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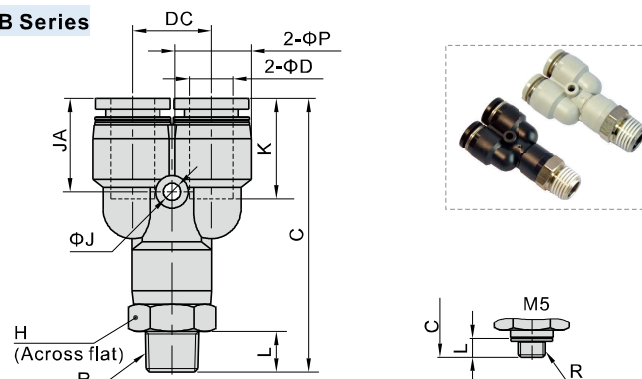
One-touch fittings—threaded type

PEB Series



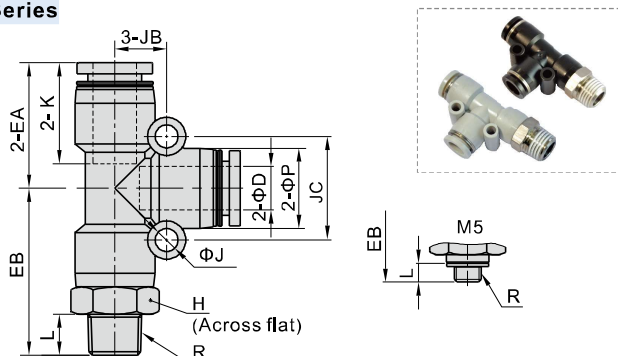
Model\Item	φD	R	φP	L	K	EA	EB	φJ	JB	JC	H	Weight(g)
PEB4M5	4	M5×0.8	9	3.5	14	17	21	3.2	6.5	13	9	6.8
PEB401		1/8"	9	7.5	14	17	25	3.2	6.5	13	10	8.8
PEB402		1/4"	9	10	14	17	28	3.2	6.5	13	14	15.5
PEB6M5	6	M5×0.8	12.5	3.5	16.5	20	23.5	3.2	8	16	12	11.2
PEB601		1/8"	12.5	7.5	16.5	20	27.5	3.2	8	16	12	13.5
PEB602		1/4"	12.5	10	16.5	20	30.5	3.2	8	16	14	18.6
PEB603		3/8"	12.5	11	16.5	20	32	3.2	8	16	17	25.3
PEB801	8	1/8"	15	7.5	18.5	23	30.5	4.3	9.5	19	14	18.4
PEB802		1/4"	15	10	18.5	23	33	4.3	9.5	19	14	21.3
PEB803		3/8"	15	11	18.5	23	34.5	4.3	9.5	19	17	28.2
PEB804		1/2"	15	14	18.5	23	38.5	4.3	9.5	19	21	41
PEB1001	10	1/8"	18	7.5	21	26.5	34	4.3	11	22	17	26.7
PEB1002		1/4"	18	10	21	26.5	36.5	4.3	11	22	17	29.2
PEB1003		3/8"	18	11	21	26.5	37.5	4.3	11	22	17	31.9
PEB1004		1/2"	18	14	21	26.5	41.5	4.3	11	22	21	45.4
PEB1202	12	1/4"	21	10	23	30	41	4.3	13	26	21	49.6
PEB1203		3/8"	21	11	23	30	42	4.3	13	26	21	51.2
PEB1204		1/2"	21	14	23	30	45	4.3	13	26	21	57.3

PYB Series



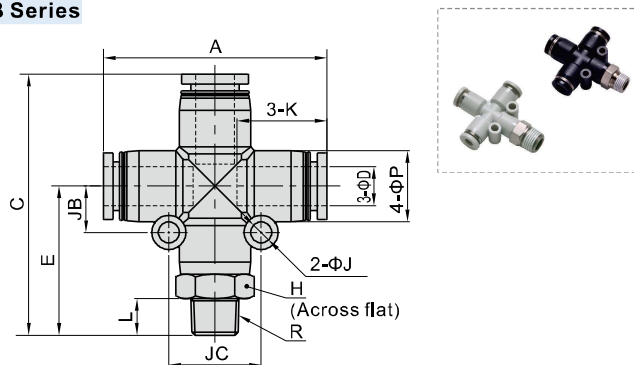
Model\Item	φD	R	φP	L	C	K	φJ	JA	DC	H	Weight(g)
PYB4M5	4	M5×0.8	9	3.5	35.5	14	3.2	13	10	9	6.7
PYB401		1/8"	9	7.5	39.5	14	3.2	13	10	10	9
PYB402		1/4"	9	10	42.5	14	3.2	13	10	14	10.8
PYB6M5	6	M5×0.8	12.5	3.5	40.5	16.5	3.2	15.5	12	12	11.1
PYB601		1/8"	12.5	7.5	44.5	16.5	3.2	15.5	12	12	13.7
PYB602		1/4"	12.5	10	47.5	16.5	3.2	15.5	12	14	18.2
PYB603		3/8"	12.5	11	49.0	16.5	3.2	15.5	12	17	25
PYB801	8	1/8"	15	7.5	50	18.5	3.2	17	14.5	14	19.8
PYB802		1/4"	15	10	52.5	18.5	3.2	17	14.5	14	22
PYB803		3/8"	15	11	54	18.5	3.2	17	14.5	17	27.7
PYB804		1/2"	15	14	58	18.5	3.2	17	14.5	21	40.8
PYB1001	10	1/8"	18	7.5	56.5	21	4.3	19.5	18	17	27.4
PYB1002		1/4"	18	10	59	21	4.3	19.5	18	17	29.5
PYB1003		3/8"	18	11	60	21	4.3	19.5	18	17	32.5
PYB1004		1/2"	18	14	64	21	4.3	19.5	18	21	45.4
PYB1202	12	1/4"	21	10	66	23	4.3	21	20.5	21	27.3
PYB1203		3/8"	21	11	67	23	4.3	21	20.5	21	51.8
PYB1204		1/2"	21	14	70	23	4.3	21	20.5	21	56.8

PED Series



Model\Item	φD	R	φP	L	K	EA	EB	φJ	JB	JC	H	Weight(g)
PED4M5	4	M5×0.8	9	3.5	14	17	21	3.2	6.5	13	9	6.8
PED401		1/8"	9	7.5	14	17	25	3.2	6.5	13	10	8.8
PED402		1/4"	9	10	14	17	28	3.2	6.5	13	14	15.5
PED6M5	6	M5×0.8	12.5	3.5	16.5	20	23.5	3.2	8	16	12	11.2
PED601		1/8"	12.5	7.5	16.5	20	27.5	3.2	8	16	12	13.5
PED602		1/4"	12.5	10	16.5	20	30.5	3.2	8	16	14	18.6
PED603		3/8"	12.5	11	16.5	20	32	3.2	8	16	17	25.3
PED801	8	1/8"	15	7.5	18.5	23	30.5	4.3	9.5	19	14	18.4
PED802		1/4"	15	10	18.5	23	33	4.3	9.5	19	14	21.3
PED803		3/8"	15	11	18.5	23	34.5	4.3	9.5	19	17	28.2
PED804		1/2"	15	14	18.5	23	38.5	4.3	9.5	19	21	41
PED1001	10	1/8"	18	7.5	21	26.5	34	4.3	11	22	17	26.7
PED1002		1/4"	18	10	21	26.5	36.5	4.3	11	22	17	29.2
PED1003		3/8"	18	11	21	26.5	37.5	4.3	11	22	17	31.9
PED1004		1/2"	18	14	21	26.5	41.5	4.3	11	22	21	45.4
PED1202	12	1/4"	21	10	23	30	41	4.3	13	26	21	49.6
PED1203		3/8"	21	11	23	30	42	4.3	13	26	21	51.2
PED1204		1/2"	21	14	23	30	45	4.3	13	26	21	57.3

PZB Series



Model\Item	φD	R	L	A	E	C	φP	K	φJ	JB	JC	H	Weight(g)
PZB601	6	1/8"	7.5		27.5	47.5						12	15.2
PZB602		1/4"	10	39.5	30.5	50.5	12.5	16.5	3.2	8	16	14	20.4
PZB603		3/8"	11		32	52						17	27
PZB801	8	1/8"	7.5		30.5	53.5						14	20.9
PZB802		1/4"	10	46	33	56	15	18.5	4.3	9.5	19	14	23.8
PZB803		3/8"	11		34.5	57.5						17	29.9
PZB804		1/2"	14		38.5	61.5						21	43.5
PZB1002	10	1/4"	10		36.5	63						17	33.5
PZB1003		3/8"	11	52.5	37.5	64	18	21	4.3	11	22	17	36.5
PZB1004		1/2"	14		41.5	68						21	49.2
PZB1203	12	3/8"	11	59.5	42	72	21	23	4.3	13	26	21	56.5
PZB1204		1/2"	14		45	75						21	65.4

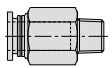
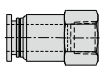
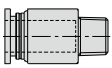
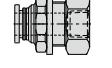
Accessories——One-Touch Fittings

Metal one-touch fittings

Ordering code

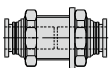
BPC 6 01 □

① ② ③ ④

① Model	② Port size	③ Thread connection	④ Thread type
BPC: Metal male connector 	4 : Φ4mm 6 : Φ6mm 8 : Φ8mm 10 : Φ10mm 12 : Φ12mm	M5 : M5X0.8 01 : 1/8" 02 : 1/4" 03 : 3/8" 04 : 1/2"	Blank: PT
BPCF: Metal female connector 			
BPOC: Hexagon socket head metal male connector 			
BPMF: Metal bulkhead female connector 			

BPM 6

① ②

① Model	② Port size
BPM: Metal bulkhead connector 	4 : Φ4mm 6 : Φ6mm 8 : Φ8mm 10 : Φ10mm 12 : Φ12mm

Specification

Operating pressure range	0~9kgf/cm ² (0~0.9MPa)
Negative pressure	-750mmHg(10Torr)
Proof pressure	1.5MPa
Ambient and fluid temperature (°C)	0~150
Applicable tubing	Soft nylon or polyurethane
Color	Grey/black

Note: The temperature resistance level of the tubing should be confirmed first when used in high temperature environments.

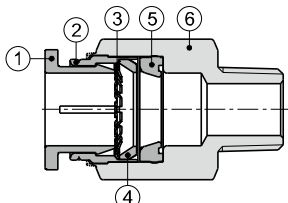
Product feature

1. High flow capacity; The flow rate of these fittings is equivalent to that of the adaptable tubings.
2. Inserting or removal tubing is simple and convenient, and the connecting portion is reliable and durable.
3. Sealant is coated on threaded portion. The M5 metric thread is attached with a sealing gasket, to ensure no leakage of the threaded connection part.
4. The fitting metal body adopts a special nickel-plating process, which has good corrosion resistance.
5. Metal fittings can be used in high temperature environment.

Table for interface port and tube O.D.

Product series	Thread type	Port size				
		Φ4	Φ6	Φ8	Φ10	Φ12
BPC	M5	•	•			
	1/8"	•	•	•	•	
	1/4"	•	•	•	•	•
	3/8"		•	•	•	•
	1/2"				•	•
BPOC BPCF	M5	•	•			
	1/8"	•	•	•		
	1/4"		•	•	•	
	3/8"				•	•
	1/2"					•
BPMF	M5					
	1/8"	•	•	•		
	1/4"		•	•	•	
	3/8"				•	•
	1/2"					•
Product series		Port size				
		Φ4	Φ6	Φ8	Φ10	Φ12
BPM		•	•	•	•	•

Inner structure

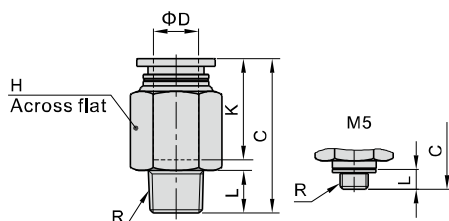
BPC Series		NO.	Name	Material
		1	Metal connector	Aluminum alloy
		2	Locating ring	Aluminum alloy
		3	Spring gasket	Stainless steel
		4	Locating seat	Aluminum alloy
		5	Special shape O-ring	Viton
		6	Straight connector body	Brass

Accessories—One-Touch Fittings

Metal one-touch fittings

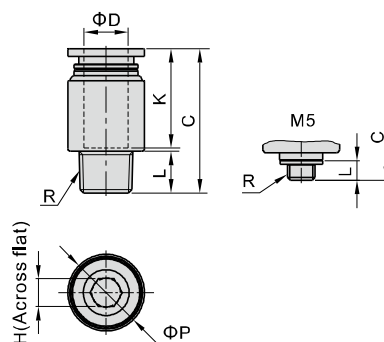
Dimensions

BPC Series



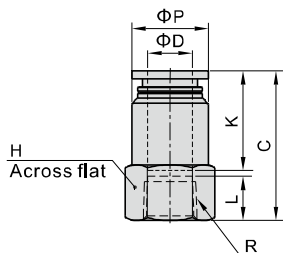
Model\Item	ΦD	R	L	C	K	H	Weight(g)
BPC4M5	4	M5X0.8	3.5	19.5	14	9	5.5
BPC401		1/8"	7.5	19.5	14	10	7.9
BPC402		1/4"	10	19	14	14	8.7
BPC6M5	6	M5X0.8	3.5	22	16	12	10.1
BPC601		1/8"	7.5	21.5	18	12	14.2
BPC602		1/4"	10	24	18	14	19.1
BPC603	8	3/8"	11	22.5	18	17	26.8
BPC801		1/8"	7.5	27.5	18	14	16.1
BPC802		1/4"	10	26.5	18	14	16
BPC803	10	3/8"	11	23	18	17	25.4
BPC1001		1/8"	7.5	29.5	20.5	17	24.5
BPC1002		1/4"	10	32	20.5	17	28
BPC1003	12	3/8"	11	27.5	20.5	17	34.6
BPC1004		1/2"	14	25.5	20.5	21	39.3
BPC1202		1/4"	10	34.5	22	21	44.5
BPC1203	12	3/8"	11	30	22	21	34.2
BPC1204		1/2"	14	32	22	21	47

BPOC Series



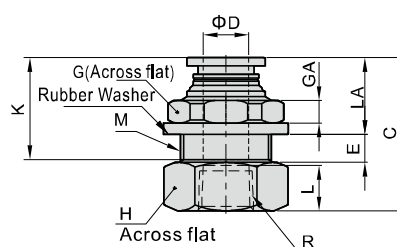
Model\Item	ΦD	R	ΦP	L	C	K	H	Weight(g)
BPOC4M5	4	M5X0.8	9	3.5	18.5	14	2	4.4
BPOC401		1/8"	10	7.5	17.5	14	2.5	6.6
BPOC6M5	6	M5X0.8	12	3.5	21	16	2	7.1
BPOC601		1/8"	12	7.5	21.5	18	4	8.4
BPOC602	8	1/4"	14	10	21.5	18	4	13.6
BPOC801		1/8"	14	7.5	26	17.5	5	12.3
BPOC802	10	1/4"	14	10	24.5	17.5	6	12.7
BPOC1002		1/4"	17	10	28.5	20.5	6	18.5
BPOC1003	12	3/8"	17	11	27.5	20.5	8	24.9
BPOC1203		3/8"	21	11	29.5	22	8	30.4
BPOC1204	12	1/2"	21	14	31.5	22	8	42.4

BPCF Series



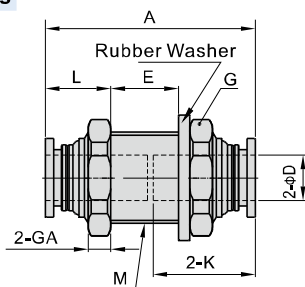
Model\Item	ΦD	R	ΦP	L	C	K	H	Weight(g)
BPCF4M5	4	M5X0.8	9	5	21	14	10	3.5
BPCF401		1/8"	9.5	8	23	14	14	5.3
BPCF6M5	6	M5X0.8	12	5	21	16	12	5.6
BPCF601		1/8"	12.5	8	25	16	14	7.2
BPCF602	8	1/4"	12.5	11	28	16	17	9.2
BPCF801		1/8"	14	8	27	18	14	7.1
BPCF802	10	1/4"	14.5	11	30	18	17	10.6
BPCF1002		1/4"	17	11	32.5	20.5	17	13.5
BPCF1003	12	3/8"	18	12	33.5	20.5	21	17.5
BPCF1203		3/8"	21	12	35	22	21	22
BPCF1204	12	1/2"	21	13.5	36.5	22	25	24.9

BPMF Series



Model\Item	ΦD	R	M	L	C	K	LA	E	GA	G	H	Weight(g)
BPMF401	4	1/8"	M12X1	8	25	14	12	4	4	14	14	7.6
BPMF601	6	1/8"	M14X1	8	25	16	12	5	4	17	17	10.4
BPMF602		1/4"	M14X1	11	30	16	12	5	4	17	17	12.2
BPMF801	8	1/8"	M16X1	8	27	18	13	5.5	4	19	19	13.9
BPMF802		1/4"	M16X1	11	31.5	18	13	5.5	4	19	19	15.3
BPMF1002	10	1/4"	M20X1	11	34.5	20.5	14	7.5	5	24	22	26.2
BPMF1003		3/8"	M20X1	12	35.5	20.5	14	7.5	5	24	22	24.4
BPMF1203	12	3/8"	M22X1	12	37	22	15	8	6	27	24	32.6
BPMF1204		1/2"	M22X1	13.5	38.5	22	15	8	6	27	25	31.8

BPM Series



Model\Item	ΦD	M	A	K	L	E	G(Across flat)	GA	Weight(g)
BPM4	4	M12X1	28.5	14	10	7	14	4	6.4
BPM6	6	M14X1	33	16	10	11	17	4	16.4
BPM8	8	M16X1	37	18	11	13	19	4	15.8
BPM10	10	M20X1	41.5	20.5	12	16	24	5	28.9
BPM12	12	M22X1	45	22	13	17.5	27	6	40.3