

How to Order

Clean One-touch fittings (for blowing)

Model

H	Male connector, Straight union
L	Union elbow, Male elbow
T	Male branch tee, Union tee
Y	Male run tee
U	Male branch, Union "Y"
R	Plug-in reducer

Port size/Applicable tubing O.D.

Thread connection	01	R 1/8
	02	R 1/4
	03	R 3/8
	04	R 1/2
	00	Same dia. tubing
Tubing (rod) connection	04	ø4
	06	ø6
	08	ø8
	10	ø10
	12	ø12

Applicable tubing O.D.

04	ø4
06	ø6
08	ø8
10	ø10
12	ø12

Applicable fitting size

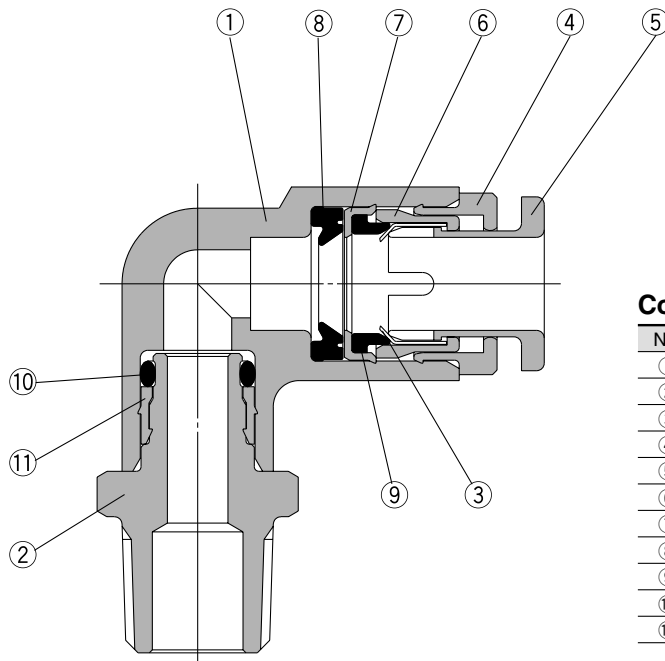
04	ø4
06	ø6
08	ø8
10	ø10
12	ø12

Plug

Clean One-touch fittings

K ☐ **M** ☐ **H** ☐ **D** ☐ **MS** ☐ **T** ☐ **VMG** ☐

Construction



Component Parts

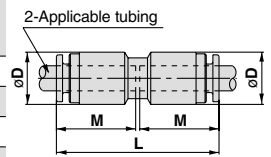
No.	Description	Material
①	Body	Polypropylene resin
②	Stud	Polypropylene resin
③	Chuck	Stainless steel 304
④	Guide	Stainless steel 304
⑤	Release button	Polypropylene resin (color: light green)
⑥	Collet	Polypropylene resin
⑦	Stopper	Stainless steel 304
⑧	Seal	EPDM
⑨	Bumper	EPDM
⑩	O-ring	EPDM
⑪	Drive bushing	Stainless steel 304

Dimensions

Straight Union: KPH



Applicable tubing O.D. mm	Model	Note 1) ϕD	L	M	Effective area mm ²		Weight g
					TPH	TPS	
4	KPH04-00	10.4	37.4	18	4	4	4
6	KPH06-00	12.8	39.6	19.5	10	10	6
8	KPH08-00	15.2	44.4	21.5	26	18	10
10	KPH10-00	18.5	48.6	24	41	29	15
12	KPH12-00	20.9	50.6	25	58	46	18

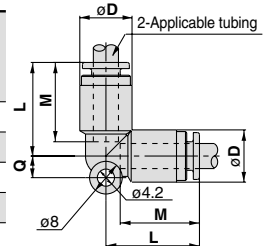


Note 1) ϕD indicates the maximum diameter.

Elbow: KPL



Applicable tubing O.D. mm	Model	Note 1) ϕD	L	Q	M	Effective area mm ²		Weight g
						TPH	TPS	
4	KPL04-00	10.4	20.7	4.5	18	3.5	3.5	3
6	KPL06-00	12.8	22.8	5.3	19.5	9	9	7
8	KPL08-00	15.2	26.3	6	21.5	22	15	11
10	KPL10-00	18.5	29.4	6.8	24	35	25	16
12	KPL12-00	20.9	31.4	7.5	25	50	40	20

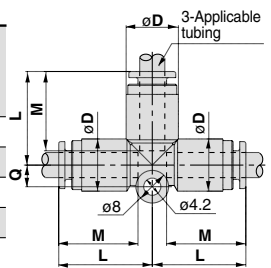


Note 1) ϕD indicates the maximum diameter.

Union Tee: KPT



Applicable tubing O.D. mm	Model	Note 1) ϕD	L	Q	M	Effective area mm ²		Weight g
						TPH	TPS	
4	KPT04-00	10.4	20.7	4.5	18	4	4	7
6	KPT06-00	12.8	22.8	5.3	19.5	10	10	9
8	KPT08-00	15.2	26.3	6	21.5	26	18	16
10	KPT10-00	18.5	29.4	6.8	24	41	29	25
12	KPT12-00	20.9	31.4	7.5	25	58	46	29

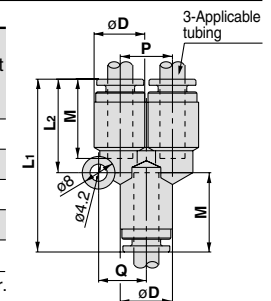


Note 1) ϕD indicates the maximum diameter.

Union "Y": KPU



Applicable tubing O.D. mm	Model	Note 1) ϕD	L ₁	L ₂	P	Q	M	Effective area mm ²		Weight g
								TPH	TPS	
4	KPU04-00	10.4	38.8	20.6	10.4	9.7	18	4	4	7
6	KPU06-00	12.8	42.1	22.8	12.8	11.7	19.5	10	10	10
8	KPU08-00	15.2	48.7	27.5	15.2	13.7	21.5	26	18	17
10	KPU10-00	18.5	54	30.7	18.5	16.1	24	41	29	26
12	KPU12-00	20.9	57.2	32.9	20.9	18.1	25	58	46	32

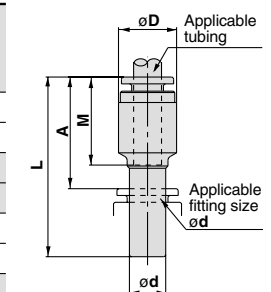


Note 1) ϕD indicates the maximum diameter.

Plug-in Reducer: KPR



Applicable tubing O.D. mm	Applicable fitting size ϕd	Model	Note 1) ϕD	L	A	M	Effective area mm ²		Weight g
							TPH	TPS	
4	6	KPR04-06	10.4	39.4	20.1	18	4	4	3
	8	KPR04-08		41.9	20.2				4
6	8	KPR06-08	12.8	42.5	20.8	19.5	10	10	4
	10	KPR06-10		45	21.2				5
8	10	KPR08-10	15.2	47	23.2	21.5	26	18	5
	12	KPR08-12		48	23.2				6
10	12	KPR10-12	18.5	50.5	25.7	24	41	29	9



Note 1) ϕD indicates the maximum diameter.

Plug: KPP



Applicable fitting size ϕd	Model	ϕD	L	A	Weight g
4	KPP-04	6	32	13.8	0.4
6	KPP-06	8	35	15.7	0.7
8	KPP-08	10	39	17.3	1.1
10	KPP-10	12	43	19.2	1.7
12	KPP-12	14	45.5	20.7	2.5

