

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
Tubing (rod) connection	00	Same dia. tubing
	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

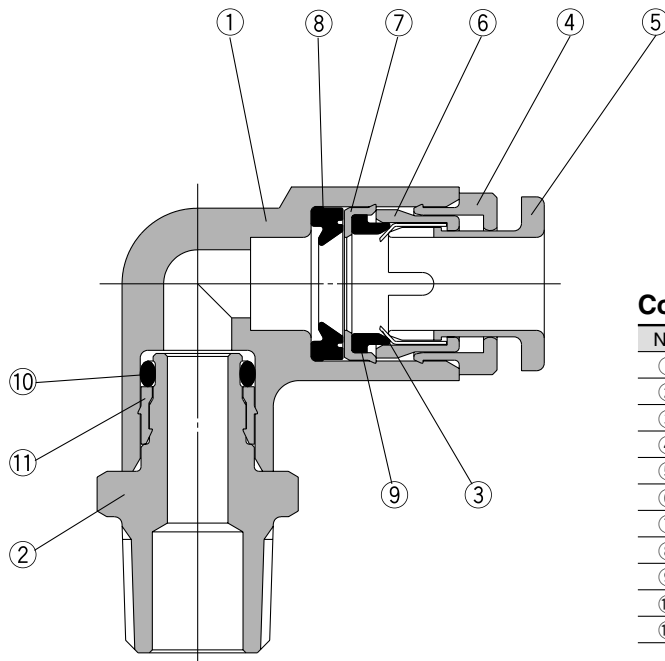
04	ø4
06	ø6
08	ø8
10	ø10
12	ø12

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

Series KP

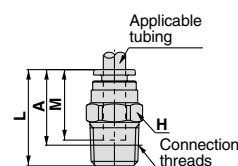
Dimensions

Male Connector: KPH



Applicable tubing O.D. mm	Connection thread R	Model	H (width across flats)	L	A*	M	Effective area mm ²		Weight g
							TPH	TPS	
4	1/8	KPH04-01	12	25.4	21.5	18	4	4	3
	1/4	KPH04-02		25.4	19.5				4
6	1/8	KPH06-01	14	25.9	22	19.5	10	10	4
	1/4	KPH06-02		26.4	20.5				5
8	1/8	KPH08-01	17	32.3	28.5	21.5	26	18	6
	1/4	KPH08-02		30.3	24.5				7
10	1/4	KPH10-02	19	37.5	32	24	41	29	10
	3/8	KPH10-03		33	27				11
12	3/8	KPH12-03	22	34	28	25	58	46	12
	1/2	KPH12-04		34.5	27				13

* Reference dimension for R threads after installation

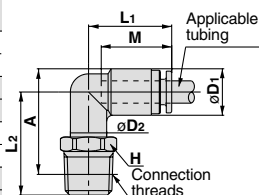


Male Elbow: KPL



Applicable tubing O.D. mm	Connection thread R	Model	H (width across flats)	Note 1) ϕD_1	ϕD_2	L ₁	L ₂	A*	M	Effective area mm ²		Weight g
										TPH	TPS	
4	1/8	KPL04-01	12	10.4	10	20.7	23.2	24.5	18	3.5	3.5	4
	1/4	KPL04-02	14				27.2	26.5				5
6	1/8	KPL06-01	12	12.8	10	22.8	24.4	27	19.5	9	9	5
	1/4	KPL06-02					28.4	29				6
8	1/8	KPL08-01	14	15.2	12	26.3	26.6	30	21.5	22	15	8
	1/4	KPL08-02					29.4	31.5				9
10	1/4	KPL10-02	17	18.5	17	29.4	32.1	35.5	24	35	25	13
	3/8	KPL10-03					33.1	36.5				14
12	3/8	KPL12-03	20.9	22	31.4		34.3	38.5	25	50	40	15
	1/2	KPL12-04					38.3	41.5				18

* Reference dimension for R threads after installation Note 1) ϕD_1 indicates the maximum diameter.

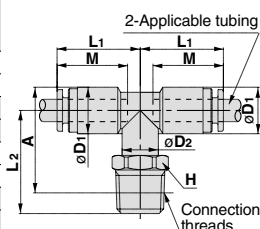


Male Branch Tee: KPT



Applicable tubing O.D. mm	Connection thread R	Model	H (width across flats)	Note 1) ϕD_1	ϕD_2	L ₁	L ₂	A*	M	Effective area mm ²		Weight g
										TPH	TPS	
4	1/8	KPT04-01	12	10.4	10	20.7	23.2	24.5	18	4.1	4.1	6
	1/4	KPT04-02	14				27.2	26.5				7
6	1/8	KPT06-01	12	12.8	10	22.8	24.4	27	19.5	11	11	8
	1/4	KPT06-02					28.4	29				9
8	1/8	KPT08-01	14	15.2	12	26.3	26.6	30	21.5	26.3	18.2	12
	1/4	KPT08-02					29.4	31.5				13
10	1/4	KPT10-02	17	18.5	17	29.4	32.1	35.5	24	40.8	29	20
	3/8	KPT10-03					33.1	36.5				21
12	3/8	KPT12-03	20.9	22	31.4		34.3	38.5	25	57.2	45.2	24
	1/2	KPT12-04					38.3	41.5				27

* Reference dimension for R threads after installation Note 1) ϕD_1 indicates the maximum diameter.

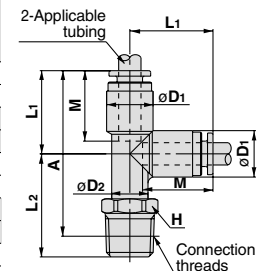


Male Run Tee: KPY



Applicable tubing O.D. mm	Connection thread R	Model	H (width across flats)	Note 1) ϕD_1	ϕD_2	L ₁	L ₂	A*	M	Effective area mm ²		Weight g
										TPH	TPS	
4	1/8	KPY04-01	12	10.4	10	20.7	23.2	40	18	7.5	7.5	6
	1/4	KPY04-02	14				27.2	42				7
6	1/8	KPY06-01	12	12.8	10	22.8	24.4	43	19.5	11	11	8
	1/4	KPY06-02					28.4	45.5				9
8	1/8	KPY08-01	14	15.2	12	26.3	26.6	49	21.5	21	21	12
	1/4	KPY08-02					29.4	50				13
10	1/4	KPY10-02	17	18.5	17	29.4	32.1	56	24	45	45	19
	3/8	KPY10-03					33.1	56.5				20
12	3/8	KPY12-03	20.9	22	31.4		34.3	59.5	25	57	57	21
	1/2	KPY12-04					38.3	62.5				24

*Reference dimension for R threads after installation Note 1) ϕD_1 indicates the maximum diameter.



Male Branch "Y": KPU



Applicable tubing O.D. mm	Connection thread R	Model	H (width across flats)	Note 1) ϕD	L	P	A*	M	Effective area mm ²		Weight g
									TPH	TPS	
4	1/8	KPU04-01	12	10.4	45.4	10.4	41.5	18	7.5	7.5	7
	1/4	KPU04-02					43.5				8
6	1/8	KPU06-01	14	12.8	49.6	12.8	45.5	19.5	18	18	9
	1/4	KPU06-02					46.5				10
8	1/8	KPU08-01	17	15.2	56.7	15.2	52.5	21.5	26	26	15
	1/4	KPU08-02					55.5				17
10	1/4	KPU10-02	19	18.5	64.5	18.5	59	24	45	45	23
	3/8	KPU10-03					61.5				25
12	3/8	KPU12-03	22	20.9	69.7	20.9	63.5	25	70	70	29
	1/2	KPU12-04					65.5				30

* Reference dimension for R threads after installation Note 1) ϕD indicates the maximum diameter.

