

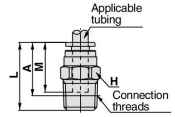
KP Series

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	24.4	20.5	17	4	4	3
	1/4	KPH04-02			18.5				4
6	1/8	KPH06-01	14	24.9	21	18.5	10	10	4
	1/4	KPH06-02			19.5				5
8	1/8	KPH08-01	17	31.3	27.5	20.5	26	18	6
	1/4	KPH08-02			23.5				7
10	1/4	KPH10-02	19	36.5	31	23	41	29	10
	3/8	KPH10-03			26				11
12	3/8	KPH12-03	22	33	27	24	58	46	12
	1/2	KPH12-04			26				13

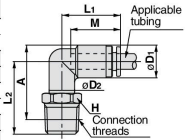


* Reference dimension for R threads after installation

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	19.7	23.2	24.5	17	3.5	3.5	4
	1/4	KPL04-02										14
6	1/8	KPL06-01	12	12.8	10	21.8	24.4	27	18.5	9	9	5
	1/4	KPL06-02										14
8	1/8	KPL08-01	14	15.2	12	25.3	26.6	30	20.5	22	15	8
	1/4	KPL08-02										14
10	1/4	KPL10-02	17	18.5	17	28.4	32.1	35.5	23	35	25	13
	3/8	KPL10-03										17
12	3/8	KPL12-03	22	20.9	22	30.4	34.3	38.5	24	50	40	15
	1/2	KPL12-04										22

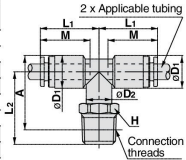


* Reference dimension for R threads after installation Note 1) ϕD_1 indicates the maximum diameter.

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	19.7	23.2	24.5	17	4.1	4.1	6
	1/4	KPT04-02										14
6	1/8	KPT06-01	12	12.8	10	21.8	24.4	27	18.5	11	11	8
	1/4	KPT06-02										14
8	1/8	KPT08-01	14	15.2	12	25.3	26.6	30	20.5	26.3	18.2	12
	1/4	KPT08-02										14
10	1/4	KPT10-02	17	18.5	17	28.4	32.1	35.5	23	40.8	29	20
	3/8	KPT10-03										17
12	3/8	KPT12-03	22	20.9	22	30.4	34.3	38.5	24	57.2	45.2	24
	1/2	KPT12-04										22

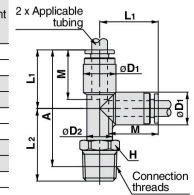


* Reference dimension for R threads after installation Note 1) ϕD_1 indicates the maximum diameter.

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	19.7	23.2	39	17	7.5	7.5	6
	1/4	KPY04-02										14
6	1/8	KPY06-01	12	12.8	10	21.8	24.4	42	18.5	11	11	8
	1/4	KPY06-02										14
8	1/8	KPY08-01	14	15.2	12	25.3	26.6	48	20.5	21	21	12
	1/4	KPY08-02										14
10	1/4	KPY10-02	17	18.5	17	28.4	32.1	55	23	45	45	19
	3/8	KPY10-03										17
12	3/8	KPY12-03	22	20.9	22	30.4	34.3	58.5	24	57	52	21
	1/2	KPY12-04										22

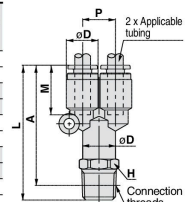


* Reference dimension for R threads after installation Note 1) ϕD_1 indicates the maximum diameter.

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	44.4	10.4	40.5	17	7.5	7.5	7
	1/4	KPU04-02									14
6	1/8	KPU06-01	14	12.8	48.6	12.8	44.5	18.5	18	18	9
	1/4	KPU06-02									14
8	1/8	KPU08-01	17	15.2	55.7	15.2	51.5	20.5	26	26	15
	1/4	KPU08-02									17
10	1/4	KPU10-02	19	18.5	63.5	18.5	58	23	45	45	23
	3/8	KPU10-03									19
12	3/8	KPU12-03	22	20.9	68.7	20.9	62.5	24	70	70	29
	1/2	KPU12-04									22



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