

Dimensions

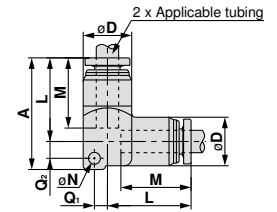
Union Elbow: KQGL



Applicable tubing O.D. (mm)	Model	Note 1) ϕD	L	A	Q ₁	Q ₂	M	ϕN	Effective area ^{Note 2)} (mm ²)	Weight (g)
$\phi 4$	KQGL04-00	10.6	20.6	27.3	2.3	3.7	18		4.2	21
$\phi 6$	KQGL06-00	13	22.4	28.9	3.5	3.5	18.8	3.2	9	32
$\phi 8$	KQGL08-00	15	25.5	35.1						
$\phi 10$	KQGL10-00	18	28.6	38.2	5	5.6	23	4.2	35.2	76
$\phi 12$	KQGL12-00	20.8	31.4	41.8	6.4	6.4	24.8			
									50.2	108

Note 1) ϕD is maximum diameter.

Note 2) Figures shown when using FEP tubing



Male Branch Tee: KQGT



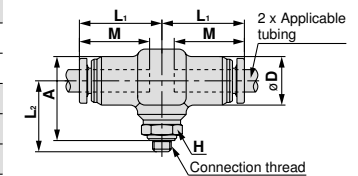
Applicable tubing O.D. (mm)	Connection thread R	Model	H (Width across flats)	Note 1) ϕD	L ₁	L ₂	A*	M	Effective area ^{Note 2)} (mm ²)	Weight (g)
$\phi 4$	M5 x 0.8	KQGT04-M5	10	10.6	20.5	18	23.1	18	4.5	26
	1/8	KQGT04-01S				21.5	25.6		6	27
$\phi 6$	M5 x 0.8	KQGT06-M5	13	22.1	22.1	19	25	18.8	4.5	39
	1/8	KQGT06-01S				22.5	27.5		11	41
	1/4	KQGT06-02S	14			26.5	29.5			50
$\phi 8$	1/8	KQGT08-01S	12	15	24.9	23.9	30.7	20.9		61
	1/4	KQGT08-02S	14			27.9	32.7		26.3	70
	3/8	KQGT08-03S				29.9	34.4			83
$\phi 10$	1/4	KQGT10-02S	17	18	27.8	29.7	35.7	23	40.8	97
	3/8	KQGT10-03S				31.7	37.4			101
$\phi 12$	3/8	KQGT12-03S	22	20.8	31.3	32.7	39.5	24.8	57.2	133
	1/2	KQGT12-04S				36.7	41.6			159

* Reference dimensions after installation of R thread

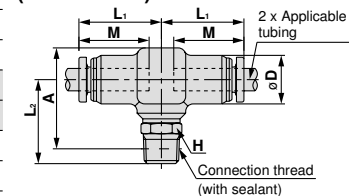
Note 1) ϕD is maximum diameter.

Note 2) Figures shown when using FEP tubing

(In case of M5)



(In case of R)



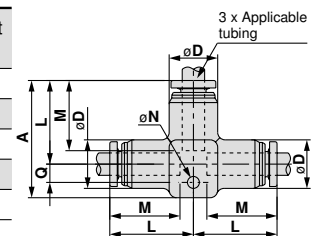
Union Tee: KQGT



Applicable tubing O.D. (mm)	Model	Note 1) ϕD	L	A	Q	M	ϕN	Effective area ^{Note 2)} (mm ²)	Weight (g)
$\phi 4$	KQGT04-00	10.6	20.6	28.7	4.1	18		6.4	28
$\phi 6$	KQGT06-00	13	22.4	31.4	4.9	18.8	3.2	10.6	42
$\phi 8$	KQGT08-00	15	25.5	36.3	6.1	20.9		25.6	57
$\phi 10$	KQGT10-00	18	28.6	40.6	7.1	23	4.2	40	95
$\phi 12$	KQGT12-00	20.8	31.4	44.5	8.1	24.8		57.4	129

Note 1) ϕD is maximum diameter.

Note 2) Figures shown when using FEP tubing



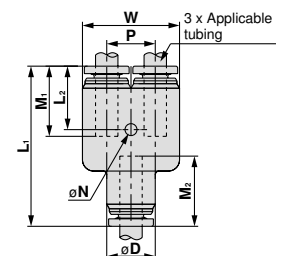
Union "Y": KQGU



Applicable tubing O.D. (mm)	Model	Note 1) ϕD	W	L ₁	L ₂	P	M ₁	M ₂	Effective area ^{Note 2)} (mm ²)	Weight (g)
$\phi 4$	KQGU04-00	10.6	21.2	41	16.8	10.6	18	17	4.2	35
$\phi 6$	KQGU06-00	13	26	42.9	17	13	18.8	17.8	10.6	54
$\phi 8$	KQGU08-00	15	30	47.7	18.7	15	20.9	19.9	25.6	75
$\phi 10$	KQGU10-00	18	36	52.8	20.5	18	23	22	40	114
$\phi 12$	KQGU12-00	20.8	41.6	57.8	21.9	21	24.8	23.8	57.4	175

Note 1) ϕD is maximum diameter.

Note 2) Figures shown when using FEP tubing



Bulkhead Union: KQGE



Applicable tubing O.D. (mm)	Model	T (M)	H (Width across flats)	L	Mounting hole	M	Effective area ^{Note 2)} (mm ²)	Weight (g)
$\phi 4$	KQGE04-00	M12X1	14	37	13	18	5.6	21
$\phi 6$	KQGE06-00	M14X1	17	38	15	18.5	10.4	29
$\phi 8$	KQGE08-00	M16X1	19	42.8	17	20.9	26.1	40
$\phi 10$	KQGE10-00	M20X1	24	47	21	23	41.5	71
$\phi 12$	KQGE12-00	M22X1	27	50.6	23	24.8	58.3	95

Note) Figures shown when using FEP tubing

