

KQ2 Series

Applicable Tubing: Metric Size, Connection Thread: M, R, Rc

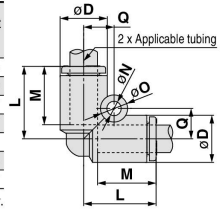
Dimensions

Union Elbow: KQ2L



Applicable tubing O.D. (mm)	Model	Note) ϕD	L	Q	M	ϕO	ϕN	Effective area (mm ²)		Min. port size	Weight (g)
								Nylon	Urethane		
$\phi 3.2$	KQ2L23-00A	7.1	14.9	5.4	13.3	6	3.2	3	2.5	2.5	1.6
$\phi 4$	KQ2L04-00A	8.2	15.3	5.7	13.3	6	3.2	4.2	4.2	3	1.9
$\phi 6$	KQ2L06-00A	10.4	16.3	6.8	13.3	6	3.2	11.4	9	4.5	2.7
$\phi 8$	KQ2L08-00A	13.2	18.2	8.4	14.2	8	4.2	21.6	14.9	6	4.7
$\phi 10$	KQ2L10-00A	15.9	20.6	9.6	15.6	8	4.2	35.2	25	7.5	7.1
$\phi 12$	KQ2L12-00A	18.5	23	10.7	17	8	4.2	50.2	39.7	9	10.3
$\phi 16$	KQ2L16-00A	23.8	28.6	13.4	20.6	8	4.2	100	58.9	13	19.7

Note) ϕD is maximum diameter.

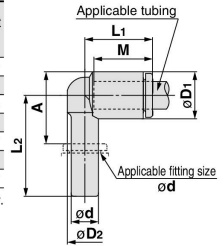


Plug-in Elbow: KQ2L



Applicable tubing O.D. (mm)	Applicable fitting size ϕd	Model	Note) ϕD_1	ϕD_2	L ₁	L ₂	A	M	Effective area (mm ²)		Min. port size	Weight (g)
									Nylon	Urethane		
$\phi 3.2$	$\phi 3.2$	KQ2L23-99A	7.1	6.4	14.4	20.9	11.1	13.3	3	2.5	2.2	0.9
$\phi 4$	$\phi 4$	KQ2L04-99A	8.2	7.2	14.5	21.1	11.9	13.3	4.2	4.2	2.5	1.2
$\phi 6$	$\phi 6$	KQ2L06-99A	10.4	8	15.3	22.3	14.2	13.3	9	9	4	1.8
$\phi 8$	$\phi 8$	KQ2L08-99A	13.2	10	17.2	26.2	18.6	14.2	21.6	14.9	6	3
$\phi 10$	$\phi 10$	KQ2L10-99A	15.9	12	19.3	28.2	20.5	15.6	35.2	25	7.5	4.7
$\phi 12$	$\phi 12$	KQ2L12-99A	18.5	14	21.5	31	23.2	17	50.2	39.7	9	7
$\phi 16$	$\phi 16$	KQ2L16-99A	23.8	20	27.1	36.8	28.1	20.6	100	58.9	13	13.7

Note) ϕD_1 is maximum diameter.

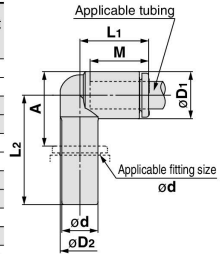


Reducer Elbow: KQ2L



Applicable tubing O.D. (mm)	Applicable fitting size ϕd	Model	Note) ϕD_1	ϕD_2	L ₁	L ₂	A	M	Effective area (mm ²)		Min. port size	Weight (g)
									Nylon	Urethane		
$\phi 3.2$	$\phi 4$	KQ2L23-04A	7.1	6.4	14.5	23.9	14.1	13.3	3	2.5	2.5	1.1
	$\phi 6$	KQ2L23-06A	7.1	6.4	14.5	24.1	14.3	13.3	3	2.5	2.5	1.1
$\phi 4$	$\phi 6$	KQ2L04-06A	8.2	7.2	14.8	24.6	15.4	13.3	4.2	4.2	3	1.5
	$\phi 8$	KQ2L04-08A	8.2	7.2	14.8	29.5	19.4	13.3	4.2	4.2	3	1.8
$\phi 6$	$\phi 8$	KQ2L06-08A	10.4	9	15.5	24.2	15.2	13.3	11.4	9	4.5	2.1
	$\phi 10$	KQ2L06-10A	10.4	9	15.5	31.6	21.2	13.3	11.4	9	4.5	2.7
$\phi 8$	$\phi 10$	KQ2L08-10A	13.2	10	18.8	27.1	18.1	14.2	21.6	14.9	6	3.5
	$\phi 12$	KQ2L08-12A	13.2	10	18.8	34	23.6	14.2	21.6	14.9	6	4.9
$\phi 10$	$\phi 12$	KQ2L10-12A	15.9	12	19.3	35.6	26.5	15.6	35.2	25	7.5	5.6
$\phi 12$	$\phi 16$	KQ2L12-16A	18.5	14	21.5	42.6	31.2	17	50.2	39.7	9	8.7

Note) ϕD_1 is maximum diameter.



Branch Union Elbow: KQ2LU



Applicable tubing O.D. (mm)	Model	Note) ϕD	L ₁	L ₂	Q ₁	Q ₂	M	P	ϕO	ϕN	Effective area (mm ²)		Min. port size	Weight (g)
											Nylon	Urethane		
$\phi 4$	KQ2LU04-00A	8.2	15.8	19.9	15.8	7.9	13.3	8.2	6	3.2	6	4.1	3	3.1
$\phi 6$	KQ2LU06-00A	10.4	16.5	21.7	16.5	10	13.3	10.4	6	3.2	13.9	11	4.5	4.4
$\phi 8$	KQ2LU08-00A	13.2	18.2	24.8	18.2	13.1	14.2	13.2	8	4.2	26.3	18.2	6	8
$\phi 10$	KQ2LU10-00A	15.9	20.3	28.3	20.3	15.9	15.6	15.9	8	4.2	40.8	29	7.5	12.2
$\phi 12$	KQ2LU12-00A	18.5	22.5	31.7	22.5	17.9	17	18.5	8	4.2	57.2	45.2	9	18.1

Note) ϕD is maximum diameter.

