

Metric Size One-touch Fittings *Series KQ2*

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

Dimensions

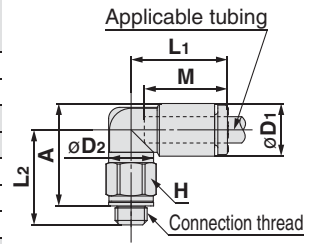
Male Elbow: KQ2L (Gasket seal)



Applicable tubing O.D. [mm]	Connection thread M	Model	H (Width across flats)	Note) ϕD_1	ϕD_2	L ₁	L ₂	A	M	Effective area [mm ²]		Min. port size	Weight [g]
										Nylon	Urethane		
$\phi 2$	M3 x 0.5	KQ2L02-M3G	5.5	5.8	5.5	12.6	12.5	12.8	11.9	—	0.8	1.2	1.6
	M5 x 0.8	KQ2L02-M5□	7	5.8	5.5	12.6	13	12.9	11.9	—	0.8	1.4	2.7
$\phi 3.2$	M3 x 0.5	KQ2L23-M3G	7	7.1	7	15.3	13.8	14.8	13.3	0.8	0.8	1.2	2.7
	M5 x 0.8	KQ2L23-M5□	7	7.1	7	15.3	14.3	14.9	13.3	2.6	2.2	2.5	3.1
$\phi 4$	M3 x 0.5	KQ2L04-M3G	7	8.2	7	15.4	14.3	15.8	13.3	0.8	0.8	1.2	2.7
	M5 x 0.8	KQ2L04-M5□	7	8.2	7	15.4	14.8	15.9	13.3	3.5	3.5	2.5	3.1
$\phi 6$	M5 x 0.8	KQ2L06-M5□	7	10.4	7	14.55	16.5	18.7	13.3	3.5	3.5	2.5	3.2
	M6 x 1.0	KQ2L06-M6A	8	10.4	7	14.55	17.5	18.7	13.3	3.5	3.5	2.5	4.3

□/A: Brass, N: Brass + Electroless nickel plated

Note) ϕD_1 is maximum diameter.



Male Elbow: KQ2L (Sealant)

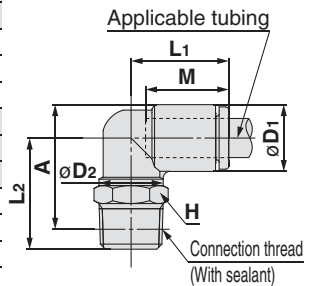


Applicable tubing O.D. [mm]	Connection thread R	Model	H (Width across flats)	Note) ϕD_1	ϕD_2	L ₁	L ₂	A*	M	Effective area [mm ²]		Min. port size	Weight [g]
										Nylon	Urethane		
$\phi 3.2$	1/8	KQ2L23-01□S	10	7.1	10	14.5	16.7	17.2	13.3	3	2.5	2.5	4.6
	1/4	KQ2L23-02AS	14	7.1	10	14.5	21.2	20.1	13.3	3	2.5	2.5	14.1
$\phi 4$	1/8	KQ2L04-01AS	10	8.2	10	14.8	16.2	17.2	13.3	4.2	4.2	3	4.8
	1/4	KQ2L04-02AS	14	8.2	10	14.8	21.7	21.1	13.3	4.2	4.2	3	14.3
$\phi 6$	1/8	KQ2L06-01AS	10	10.4	10	15.5	17.3	19.4	13.3	11.4	9	4.5	5.2
	1/4	KQ2L06-02AS	14	10.4	10	15.5	22.8	23.3	13.3	11.4	9	4.5	14.7
$\phi 8$	3/8	KQ2L06-03AS	17	10.4	10	15.5	24.1	24.2	13.3	11.4	9	4.5	26.5
	1/8	KQ2L08-01AS	10	13.2	10	16.4	18.7	22.2	14.2	11.4	11.4	4.5	6.1
$\phi 10$	1/4	KQ2L08-02AS	14	13.2	12	17.2	25.4	27.3	14.2	21.6	14.9	6	17.7
	3/8	KQ2L08-03AS	17	13.2	12	17.2	25.5	27.0	14.2	21.6	14.9	6	24.7
$\phi 12$	1/8	KQ2L10-01AS	12	15.9	12	18.6	23.6	28.4	15.6	21.6	14.9	6	11.1
	1/4	KQ2L10-02AS	17	15.9	17	19.3	28.7	31.9	15.6	35.2	25	7.5	21.7
	3/8	KQ2L10-03AS	17	15.9	17	19.3	29.6	32.4	15.6	35.2	25	7.5	22.2
	1/2	KQ2L10-04AS	22	15.9	17	19.3	33.6	35.1	15.6	35.2	25	7.5	44.6
$\phi 16$	1/4	KQ2L12-02AS	17	18.5	17	21.5	30.0	34.5	17	50.2	39.7	9	23.5
	3/8	KQ2L12-03AS	17	18.5	17	21.5	30.9	35.0	17	50.2	39.7	9	24.1
$\phi 16$	1/2	KQ2L12-04AS	22	18.5	17	21.5	34.9	37.7	17	50.2	39.7	9	46.5
	New 1/4	KQ2L16-02AS	17	23.8	17	25.1	32.6	39.8	20.6	50.2	50.2	9	27.8
	3/8	KQ2L16-03AS	22	23.8	21	27.1	35.4	42.2	20.6	71	71	11	40.8
	1/2	KQ2L16-04AS	22	23.8	21	27.1	34.1	39.6	20.6	100	84	13	44.5

□/A: Brass, N: Brass + Electroless nickel plated

* Reference dimensions after installation of R thread

Note) ϕD_1 is maximum diameter.



Metric Size
M, R, Rc

Inch Size
UNF, NPT

Inch Size
M, R, Rc

Metric Size
Uni

Inch Size
Uni