

KQG2 Series

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

Dimensions

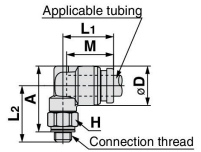
Male Elbow: KQG2L

Applicable tubing O.D. (mm)	Connection thread R, M	Model	H (With across flat)	Note 1) ϕ D	L ₁	L ₂	A*	M	Note 2) Effective area (mm ²)	Weight (g)		
ϕ 3.2	M5 x 0.8	KQG2L23-M5	8	8.3	13.1	14.8	16	12	2.6	6.3		
	1/8	KQG2L23-01S	10		13.6	14.9	15.9				3	7.6
	1/4	KQG2L23-02S	14		18.7	18.1						16
ϕ 4	M5 x 0.8	KQG2L04-M5	8	9.1	13.7	15.2	16.8	12.6	3.5	6.9		
	1/8	KQG2L04-01S	10		14.4	15.3	16.7				4.2	16.8
	1/4	KQG2L04-02S	14		19.1	18.9						8.5
ϕ 6	M5 x 0.8	KQG2L06-M5	8	11.4	14.7	16.3	19	13.6	11.4	10.1		
	1/8	KQG2L06-01S	10			16.4						18.4
	1/4	KQG2L06-02S	14		15.9	20.2	21.2				22.2	29.9
ϕ 8	3/8	KQG2L06-03S	14	13.7		21.6	22.2	16.1	21.6	20.3		
	1/8	KQG2L08-01S	12		18.6	18.3	22				14.6	
	1/4	KQG2L08-02S	14		19.1	21.5	23.6				31.6	
ϕ 10	3/8	KQG2L08-03S	14	16.6		22.9	24.6	17	35.2	27.1		
	1/8	KQG2L10-01S	12		20	19.7	24.9				20.2	
	1/4	KQG2L10-02S	14		21	22.9	26.5				23.3	
ϕ 12	3/8	KQG2L10-03S	17	18.7		24.3	27.5	18.6	50.2	33.7		
	1/2	KQG2L12-04S	22		23.6	25.3	29.5				58.7	
	3/8	KQG2L12-03S	17		22.6	23.6	29.5				37.8	
ϕ 16	3/8	KQG2L16-03S	19	24.6	26.3	28	34.5	20.8	71	46.3		
	1/2	KQG2L16-04S	22		27.3	31.8	37				100	61.3

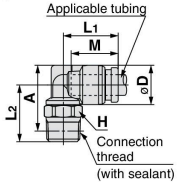
* Reference dimensions after installation of R thread
Note 1) ϕ D is maximum diameter.

Note 2) Value of FEP tubing.
Value of nylon tubing for ϕ 16 only.

(M5)



(R)



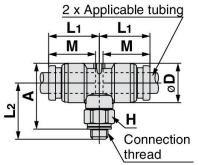
Male Branch Tee: KQG2T

Applicable tubing O.D. (mm)	Connection thread R, M	Model	H (With across flat)	Note 1) ϕ D	L ₁	L ₂	A*	M	Note 2) Effective area (mm ²)	Weight (g)		
ϕ 3.2	M5 x 0.8	KQG2T23-M5	8	8.3	13.1	14.8	16	12	3.2	8.1		
	1/8	KQG2T23-01S	10		13.6	14.9	15.9				3.4	9.4
	1/4	KQG2T23-02S	14		18.7	18.1						17.7
ϕ 4	M5 x 0.8	KQG2T04-M5	8	9.1	13.7	15.2	16.8	12.6	4.5	9		
	1/8	KQG2T04-01S	10		14.4	15.3	16.7				6	10.4
	1/4	KQG2T04-02S	14		19.1	18.9						18.8
ϕ 6	M5 x 0.8	KQG2T06-M5	8	11.4	14.7	16.3	19	13.6	4.5	11.9		
	1/8	KQG2T06-01S	10			16.4						13.4
	1/4	KQG2T06-02S	14		15.9	20.2	21.2				22.2	13.9
ϕ 8	3/8	KQG2T06-03S	14	13.7		21.6	22.2	16.1	26.3	33.3		
	1/8	KQG2T08-01S	12		18.6	18.3	22				20	
	1/4	KQG2T08-02S	14		19.1	21.5	23.6				25.5	
ϕ 10	3/8	KQG2T08-03S	14	16.6		22.9	24.6	17	40.8	36.8		
	1/8	KQG2T10-01S	12		20	19.7	24.9				28.4	
	1/4	KQG2T10-02S	14		21	22.9	26.5				31.1	
ϕ 12	3/8	KQG2T10-03S	17	18.7		24.3	27.5	18.6	57.2	41.4		
	1/2	KQG2T10-04S	22		23.6	25.3	29.5				68	
	1/4	KQG2T12-02S	14		22.6	24	28.6				37.8	
ϕ 16	3/8	KQG2T12-03S	17	24.6	26.3	28	34.5	20.8	71	39.3		
	1/2	KQG2T12-04S	22		27.3	29.5	32.4				68.8	
	3/8	KQG2T16-03S	19		26.3	28	34.5				71	63.7
1/2	KQG2T16-04S	22	27.3	31.8	37		100	77.6				

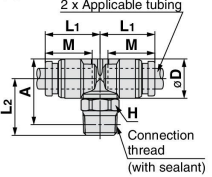
* Reference dimensions after installation of R thread
Note 1) ϕ D is maximum diameter.

Note 2) Value of FEP tubing.
Value of nylon tubing for ϕ 16 only.

(M5)



(R)



Union Elbow: KQG2L

Applicable tubing O.D. (mm)	Model	Note 1) ϕ D	L	A	Q	M	ϕ N	ϕ O	Note 2) Effective area (mm ²)	Weight (g)
ϕ 3.2	KQG2L23-00	8.3	13.6	19.3	2.9	12	3.2	5.6	3	6.3
ϕ 4	KQG2L04-00	9.1	14.6	20.5	3.1	12.6	3.2	5.6	4.2	7.4
ϕ 6	KQG2L06-00	11.4	16.6	23	3.6	13.6	3.2	5.6	11.4	11
ϕ 8	KQG2L08-00	13.7	20.1	29.1	5	16.1	4.2	8	21.6	20.2
ϕ 10	KQG2L10-00	16.6	22	31.7	5.7	17	4.2	8	35.2	29.6
ϕ 12	KQG2L12-00	18.7	24.6	35	6.4	18.6	4.2	8	50.2	37.1
ϕ 16	KQG2L16-00	24.6	28.8	40.5	7.7	20.8	4.2	8	100	59.7

Note 1) ϕ D is maximum diameter.

Note 2) Value of FEP tubing.
Value of nylon tubing for ϕ 16 only.

