

Metal One-touch Fittings *Series KQB2*

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

Dimensions

Male Connector: KQB2H



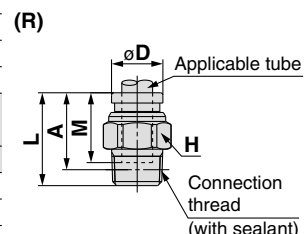
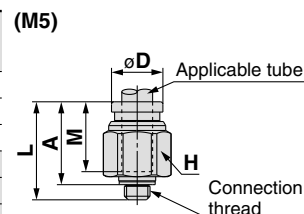
Applicable tube O.D. (mm)	Connection thread R, M	Model	H (Width across flat)	Note 1) ϕD	L	A*	M	Note 2) Effective area (mm ²)	Weight (g)
$\phi 3.2$	M5 x 0.8	KQB2H23-M5	8	8	16.5	13.5	12	3	3.4
	1/8	KQB2H23-01S	10		15.4	12.3		3.4	6
	1/4	KQB2H23-02S	14		21	16.3			17.8
$\phi 4$	M5 x 0.8	KQB2H04-M5	10	8.7	17.1	14.1	12.6	4	5.3
	1/8	KQB2H04-01S	10		15.3	12.2		5.6	5.6
	1/4	KQB2H04-02S	14		20.9	16.2			17.2
$\phi 6$	M5 x 0.8	KQB2H06-M5	12	11.1	19.1	16.1	13.6	4	8
	1/8	KQB2H06-01S	12		18.1	15		13.1	7.3
	1/4	KQB2H06-02S	14		20.8	16.1			15.2
	3/8	KQB2H06-03S	17		23	17.9			28.8
$\phi 8$	1/8	KQB2H08-01S	14	13.4	24.5	21.4	16.1	26.1	13.5
	1/4	KQB2H08-02S	14		22.3	17.6			26
	3/8	KQB2H08-03S	17		23.7	18.6			
$\phi 10$	1/8	KQB2H10-01S	17	16.4	25.5	22.4	17	26.1	19.8
	1/4	KQB2H10-02S	17		27.9	23.2		41.5	22.7
	3/8	KQB2H10-03S	17		23	17.9			21.6
	1/2	KQB2H10-04S	22		28.6	22.2			53.9
$\phi 12$	1/4	KQB2H12-02S	19	18.5	30.5	25.8	18.6	58.3	28.8
	3/8	KQB2H12-03S	19		24.7	19.6			21.5
	1/2	KQB2H12-04S	22		28.7	22.3			47
$\phi 16$	3/8	KQB2H16-03S	24	24.6	33.6	28.5	20.8	81	48.3
	1/2	KQB2H16-04S	24		29.5	23.1		113	39.2

* Reference dimensions after installation of R thread

Note 1) ϕD is maximum diameter.

Note 2) Value of FEP tube.

Value of nylon tube for $\phi 16$ only.



Hexagon Socket Head Male Connector: KQB2S



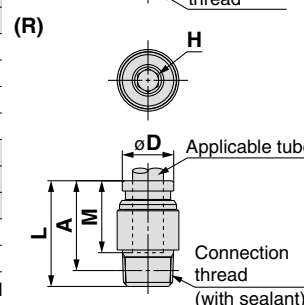
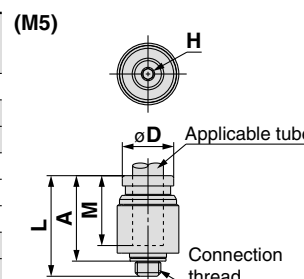
Applicable tube O.D. (mm)	Connection thread R, M	Model	H (Width across flat)	Note 1) ϕD	L	A*	M	Note 2) Effective area (mm ²)	Weight (g)
$\phi 3.2$	M5 x 0.8	KQB2S23-M5	2	9	16.5	13.5	12	3	4
$\phi 4$	M5 x 0.8	KQB2S04-M5	2	9	17.1	14.1	12.6	4	3.9
	1/8	KQB2S04-01S	3	10	20.4	17.3		4.1	7.9
$\phi 6$	M5 x 0.8	KQB2S06-M5	2	12	19.6	16.6	13.6	4	7.8
	1/8	KQB2S06-01S	4		20.6	17.5		10	9.1
	1/4	KQB2S06-02S	4			15.9		10.7	14.7
$\phi 8$	1/8	KQB2S08-01S	5	14	24.7	21.6	16.1	17.2	13
	1/4	KQB2S08-02S	6		22.9	18.2		23.3	13.5
	3/8	KQB2S08-03S	6		23.1	18			24
$\phi 10$	1/8	KQB2S10-01S	5	17	25.6	22.5	17	17.2	18.6
	1/4	KQB2S10-02S	8		27.5	22.8			20
	3/8	KQB2S10-03S	8			18.9		39	22
	1/2	KQB2S10-04S	22		24	17.6			39.2
$\phi 12$	1/4	KQB2S12-02S	8	19	30.6	25.9	18.6	46	26
	3/8	KQB2S12-03S	10		24.9	19.8		60	20.2
	1/2	KQB2S12-04S	10			18.5			35.3
$\phi 16$	3/8	KQB2S16-03S	10	24.6	33.2	28.1	20.8	81	43.6
	1/2	KQB2S16-04S	12		29.4	23		113	40.3

* Reference dimensions after installation of R thread

Note 1) ϕD is maximum diameter.

Note 2) Value of FEP tube.

Value of nylon tube for $\phi 16$ only.



Straight Union: KQB2H



Applicable tube O.D. (mm)	Model	ϕD Note 1)	L	M	Note 2) Effective area (mm ²)	Weight (g)
$\phi 3.2$	KQB2H23-00	9	25	12	3.4	6.8
$\phi 4$	KQB2H04-00	9	26.2	12.6	5.6	6.8
$\phi 6$	KQB2H06-00	12	28.2	13.6	13.1	12
$\phi 8$	KQB2H08-00	14	33.2	16.1	26.1	17.4
$\phi 10$	KQB2H10-00	17	35	17	41.5	27.2
$\phi 12$	KQB2H12-00	19	38.2	18.6	58.3	33.7
$\phi 16$	KQB2H16-00	24.6	42.6	20.8	113	56.1

Note 1) ϕD is maximum diameter.

Note 2) Value of FEP tube.

Value of nylon tube for $\phi 16$ only.

