

Dimensions

Male Connector: KQG2H

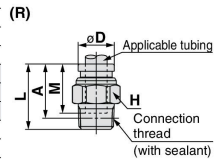
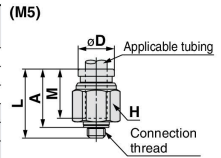
Applicable tubing O.D. (mm)	Connection thread R, M	Model	H (Width across flat)	Note 1) ϕD	L	A*	M	Note 2) Effective area (mm ²)	Weight (g)
$\phi 3.2$	M5 x 0.8	KQG2H23-M5	8	8	16.5	13.5	12	3	3.3
	1/8	KQG2H23-01S	10		15.4	12.3		3.4	5.7
	1/4	KQG2H23-02S	14		21	16.3		4	16.9
$\phi 4$	M5 x 0.8	KQG2H04-M5	10	8.7	17.1	14.1	12.6	4	5
	1/8	KQG2H04-01S	14		15.3	12.2		5.6	15.8
	1/4	KQG2H04-02S	14		19.9	16.2		4	7.7
$\phi 6$	M5 x 0.8	KQG2H06-M5	12	11.1	19.1	16.1	13.6	4	7.7
	1/8	KQG2H06-01S	14		18.1	15		7	14.5
	1/4	KQG2H06-02S	14		20.8	16.1		13.1	27.3
$\phi 8$	3/8	KQG2H06-03S	17	13.4	23	17.9	16.1	26.1	12.8
	1/8	KQG2H08-01S	14		24.5	21.4		17.1	12.9
	1/4	KQG2H08-02S	14		22.3	17.6		16.1	12.9
$\phi 10$	3/8	KQG2H08-03S	17	16.4	23.7	18.6	17	23.7	18.6
	1/8	KQG2H10-01S	17		25.5	22.4		26.1	18.9
	1/4	KQG2H10-02S	17		27.9	23.2		41.5	21.6
$\phi 12$	3/8	KQG2H10-03S	22	18.5	23	17.9	18.6	23	20.6
	1/2	KQG2H10-04S	22		28.6	22.2		51.1	27.4
	1/4	KQG2H12-02S	19		30.5	25.8		58.3	20.5
$\phi 16$	3/8	KQG2H12-03S	22	24.6	24.7	19.6	20.8	28.7	22.3
	1/2	KQG2H12-04S	22		28.7	22.3		81	46
	3/8	KQG2H16-03S	24		33.6	28.5		113	37.4
1/2	KQG2H16-04S	24	29.5	23.1					

* Reference dimensions after installation of R thread

Note 1) ϕD is maximum diameter.

Note 2) Value of FEP tubing.

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



KQ2

KQB2

KS
KX

KM

KF

M

H/DL
L/LL

KC

KK

KK130

DM

KDM

KB

KR

KA

KQG2

KG

KFG2

MS

KKA

KP

LQ

MQR

T

IDK

Hexagon Socket Head Male Connector: KQG2S

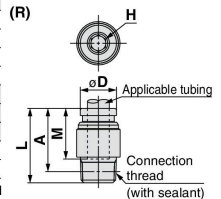
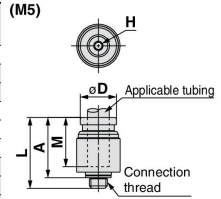
Applicable tubing O.D. (mm)	Connection thread R, M	Model	H (Width across flat)	Note 1) ϕD	L	A*	M	Note 2) Effective area (mm ²)	Weight (g)
$\phi 3.2$	M5 x 0.8	KQG2S23-M5	2	9	16.5	13.5	12	3	3.8
$\phi 4$	M5 x 0.8	KQG2S04-M5	2	9	17.1	14.1	12.6	4	3.7
	1/8	KQG2S04-01S	3	10	19.6	16.5		4.1	7.6
$\phi 6$	M5 x 0.8	KQG2S06-M5	2	12	19.6	16.6	13.6	4	7.4
	1/8	KQG2S06-01S	4	14	20.6	17.5		10	8.7
	1/4	KQG2S06-02S	4	14	20.6	15.9		10.7	14
$\phi 8$	1/8	KQG2S08-01S	5	14	24.7	21.6	16.1	17.2	12.3
	1/4	KQG2S08-02S	6	17	22.9	18.2		23.3	12.8
	3/8	KQG2S08-03S	6	17	23.1	18		23.3	22.8
$\phi 10$	1/8	KQG2S10-01S	5	17	25.6	22.5	17	17.2	17.7
	1/4	KQG2S10-02S	8	17	27.5	22.8		19.1	19.1
	3/8	KQG2S10-03S	8	22	24	18.9		39	20.9
$\phi 12$	1/2	KQG2S10-04S	8	22	24	17.6	18.6	37.2	37.2
	1/4	KQG2S12-02S	8	19	30.6	25.9		46	24.8
	3/8	KQG2S12-03S	10	19	24.9	19.8		60	19.3
$\phi 16$	1/2	KQG2S12-04S	10	22	24.9	18.5	20.8	81	33.6
	3/8	KQG2S16-03S	10	24.6	33.2	28.1		81	41.6
	1/2	KQG2S16-04S	12	24.6	29.4	23		113	38.4

* Reference dimensions after installation of R thread

Note 1) ϕD is maximum diameter.

Note 2) Value of FEP tubing.

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



Straight Union: KQG2H

Applicable tubing O.D. (mm)	Model	ϕD (Note 1)	L	M	Note 2) Effective area (mm ²)	Weight (g)
$\phi 3.2$	KQG2H23-00	9	25	12	3.4	6.5
$\phi 4$	KQG2H04-00	9	26.2	12.6	5.6	6.5
$\phi 6$	KQG2H06-00	12	28.2	13.6	13.1	11.5
$\phi 8$	KQG2H08-00	14	33.2	16.1	26.1	16.6
$\phi 10$	KQG2H10-00	17	35	17	41.5	26
$\phi 12$	KQG2H12-00	19	38.2	18.6	58.3	32.2
$\phi 16$	KQG2H16-00	24.6	42.6	20.8	113	53.7

Note 1) ϕD is maximum diameter.

Note 2) Value of FEP tubing.

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

