

Series KQ2

Male Connector: KQ2H

<M5, M6>

<R>

Applicable tubing O.D. (mm)	Connection thread R M	Model	H (width across flats)	$\phi D^{(1)}$	L	A*	M	Effective area ⁽²⁾ (mm ²)		Mass (g)
								Nylon	Urethane	
3.2	M5 x 0.8	KQ2H23-M5	7	7	16.7	13.6	12.7	3	2.5	2.1
	1/8	KQ2H23-01S	10	—	21.1	18	15.5	3.4	2.9	9
	1/4	KQ2H23-02S	14	—	19	13.5	15.5	3.4	2.9	16
4	M5 x 0.8	KQ2H04-M5	8	8	17	13.9	12.7	4	4	2.4
	M6 x 1.0	KQ2H04-M6	8	8	18	13.9	12.7	4	4	2.5
	1/8	KQ2H04-01S	10	—	21.1	18	16	5.6	4	9
	1/4	KQ2H04-02S	14	—	19	13.5	16	5.6	4	16
6	M5 x 0.8	KQ2H06-M5	10	10	17.8	14.7	13.5	4	4	3.3
	M6 x 1.0	KQ2H06-M6	10	10	19	14.9	13.5	4	4	3.4
	1/8	KQ2H06-01S	12	—	21.6	18.5	17	13.1	10.4	16
	1/4	KQ2H06-02S	14	—	22.5	17	17	13.1	10.4	14
	3/8	KQ2H06-03S	17	—	20.9	15.5	17	13.1	10.4	27
8	1/8	KQ2H08-01S	14	—	27.1	24	18.5	26.1	18.0	21
	1/4	KQ2H08-02S	17	—	26	20.5	18.5	26.1	18.0	19
	3/8	KQ2H08-03S	17	—	20.9	15.5	18.5	26.1	18.0	26
10	1/8	KQ2H10-01S	17	—	29.1	26	21	41.5	29.5	19
	1/4	KQ2H10-02S	17	—	33	27.5	21	41.5	29.5	30
	3/8	KQ2H10-03S	17	—	27.9	22.5	21	41.5	29.5	30
	1/2	KQ2H10-04S	22	—	26.1	19	21	41.5	29.5	53
12	1/4	KQ2H12-02S	19	—	34	28.5	22	58.3	46.1	42
	3/8	KQ2H12-03S	19	—	28.9	23.5	22	58.3	46.1	34
	1/2	KQ2H12-04S	22	—	29.1	22	22	58.3	46.1	51
16	3/8	KQ2H16-03S	24	25.7	38.4	33	25	81	(81)	61
	1/2	KQ2H16-04S	24	25.7	34.6	27.5	25	113	(96)	47

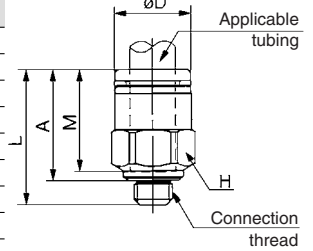
* Reference dimensions after R thread installation.



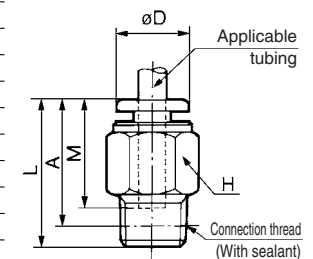
Note 1) ϕD : Max. diameter

Note 2) (): Values for soft nylon.

<M5, M6>



<R>



Hexagon Socket Head Male Connector: KQ2S

<M5, M6>

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Applicable tubing O.D. (mm)	Connection thread R M	Model	H (width across flats)	$\phi D1^{(1)}$	$\phi D2$	L	A*	M	Effective area ⁽²⁾ (mm ²)		Mass (g)
									Nylon	Urethane	
4	M5 x 0.8	KQ2S04-M5	2.5	8	—	18.7	15.6	12.7	4	4	2.7
	M6 x 1.0	KQ2S04-M6	3	8	—	18.2	14.1	12.7	4	4	2.8
	1/8	KQ2S04-01S	3	9.8	—	23	19	16	4.1	3.6	8
6	M5 x 0.8	KQ2S06-M5	2.5	10	—	19.5	16.4	13.5	4	4	3.3
	M6 x 1.0	KQ2S06-M6	3	10	—	19.1	15	13.5	4	4	3.4
	1/8	KQ2S06-01S	4	11.8	—	24	20	17	10.0	9.9	9
	1/4	KQ2S06-02S	4	13.8	—	24	18	17	10.7	10.0	15
8	1/8	KQ2S08-01S	5	14	—	28	24	18.5	17.2	16.2	12
	1/4	KQ2S08-02S	6	14	—	25.5	19.5	18.5	17.2	16.2	11
	3/8	KQ2S08-03S	6	17	—	27.5	21	18.5	23.3	16.2	24
10	1/8	KQ2S10-01S	5	17	—	30	26	21	17.2	16.2	18
	1/4	KQ2S10-02S	8	17	—	27.5	21.5	21	39.0	26.6	12
	3/8	KQ2S10-03S	8	22	—	28	20	21	39.0	26.6	19
	1/2	KQ2S10-04S	8	22	—	28	20	21	39.0	26.6	35
12	1/4	KQ2S12-02S	8	19	—	34	28	22	46.0	44.5	23
	3/8	KQ2S12-03S	10	19	—	29	22.5	22	60.0	44.5	18
	1/2	KQ2S12-04S	10	22	—	28	20	22	60.0	44.5	30
16	3/8	KQ2S16-03S	10	25.7	24	39	32.5	25	81	(81)	42
	1/2	KQ2S16-04S	12	25.7	24	35	27	25	113	(96)	34

* Reference dimensions after R thread installation.

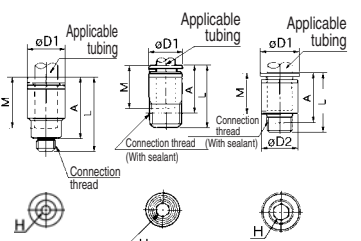


Note 1) $\phi D1$: Max. diameter

Note 2) (): Values for soft nylon.

<M5, M6> <R>

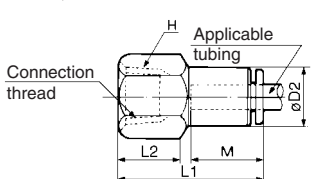
KQ2S04 to 12 KQ2S16



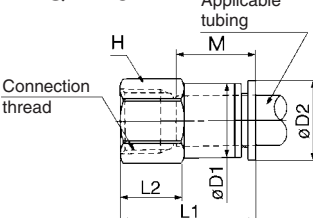
Female Connector: KQ2F

Applicable tubing O.D. (mm)	Connection thread Rc	Model	H (width across flats)	$\phi D1^{(1)}$	$\phi D2$	L1	L2	M	Effective area ⁽²⁾ (mm ²)		Mass (g)
									Nylon	Urethane	
4	1/8	KQ2F04-01	14	—	10	27	11	16	5.6	4	15
	1/4	KQ2F04-02	17	—	10	31	14	16	5.6	4	23
6	1/8	KQ2F06-01	14	—	12	27.5	11	17	13.1	10.4	15
	1/4	KQ2F06-02	17	—	12	31	13	17	13.1	10.4	22
	3/8	KQ2F06-03	19	—	12	33.5	15	17	13.1	10.4	25
8	1/8	KQ2F08-01	14	—	14	29	11	18.5	26.1	18.0	17
	1/4	KQ2F08-02	17	—	14	32.5	13	18.5	26.1	18.0	24
10	3/8	KQ2F08-03	19	—	14	33.5	14	18.5	26.1	18.0	24
	1/4	KQ2F10-02	17	—	17	34.5	14	21	41.5	29.5	27
12	3/8	KQ2F10-03	19	—	17	36.5	15	21	41.5	29.5	30
	1/4	KQ2F12-02	19	—	19	35	14	22	58.3	46.1	36
16	3/8	KQ2F12-03	24	—	19	37	14	22	58.3	46.1	31
	1/2	KQ2F12-04	24	—	19	41	18	22	58.3	46.1	52
	3/8	KQ2F16-03	24	24	25.7	38	15	25	81	(81)	59
	1/2	KQ2F16-04	24	24	25.7	43	19	25	113	(96)	58

KQ2F04 to 12



KQ2F16



Note 1) $\phi D2$: Max. diameter

Note 2) (): Values for soft nylon