

Series KQ2

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

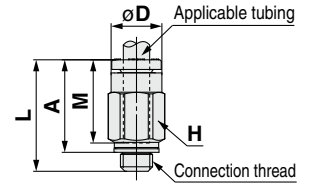
Dimensions

Male Connector: KQ2H (Gasket seal)



Applicable tubing O.D. (mm)	Connection thread M	Model	H (Width across flats)	øD	L	A	M	Effective area (mm ²)		Min. port size	Weight (g)
								Nylon	Urethane		
ø2	M3 x 0.5	KQ2H02-M3G	7	5.5	15.6	13	11.9	—	0.9	1.2	1.5
	M5 x 0.8	KQ2H02-M5□	7	5.5	13.8	10.8	11.9	—	0.9	1.4	2
ø3.2	M3 x 0.5	KQ2H23-M3G	7	6.7	17	14.4	13.3	0.9	0.9	1.2	2.4
	M5 x 0.8	KQ2H23-M5□	7	6.7	17.3	14.3	13.3	3	2.5	2.5	2.7
ø4	M3 x 0.5	KQ2H04-M3G	8	7.7	17.1	14.5	13.3	0.9	0.9	1.2	2.9
	M5 x 0.8	KQ2H04-M5□	8	7.7	17.7	14.7	13.3	4	4	2.5	3.3
	M6 x 1.0	KQ2H04-M6□	8	7.7	18.7	14.7	13.3	4	4	3	3.6
ø6	M5 x 0.8	KQ2H06-M5□	10	9.7	17.7	14.7	13.3	4	4	2.5	4.1
	M6 x 1.0	KQ2H06-M6□	10	9.7	18.8	14.8	13.3	4	4	3	4.4

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



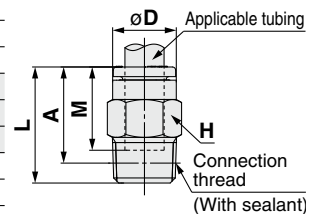
Male Connector: KQ2H (Sealant)



Applicable tubing O.D. (mm)	Connection thread R	Model	H (Width across flats)	øD	L	A*	M	Effective area (mm ²)		Min. port size	Weight (g)
								Nylon	Urethane		
ø3.2	1/8	KQ2H23-01□S	10	6.7	14	10.9	13.3	3.4	2.9	2.5	6
	1/4	KQ2H23-02□S	14	6.7	16.7	12	13.3	3.4	2.9	2.5	15.3
ø4	1/8	KQ2H04-01□S	10	7.7	14.3	11.2	13.3	5.6	4	3	5.6
	1/4	KQ2H04-02□S	14	7.7	16.7	12	13.3	5.6	4	3	14.6
ø6	1/8	KQ2H06-01□S	10	9.7	18.4	15.3	13.3	13.1	10.4	4.5	5.8
	1/4	KQ2H06-02□S	14	9.7	16.7	12	13.3	13.1	10.4	4.5	12.5
	3/8	KQ2H06-03□S	17	9.7	18.1	13	13.3	13.1	10.4	4.5	24.5
ø8	1/8	KQ2H08-01□S	14	12.2	22.5	19.4	14.2	26.1	18	6	11.9
	1/4	KQ2H08-02□S	14	12.2	22	17.3	14.2	26.1	18	6	13.9
	3/8	KQ2H08-03□S	17	12.2	18.1	13	14.2	26.1	18	6	21
ø10	1/8	KQ2H10-01□S	17	14.6	23.8	20.7	15.6	26.1	26.1	6	16.9
	1/4	KQ2H10-02□S	17	14.6	27.3	22.6	15.6	41.5	29.5	7.5	22.1
	3/8	KQ2H10-03□S	17	14.6	23.5	18.4	15.6	41.5	29.5	7.5	22.5
ø12	1/2	KQ2H10-04□S	22	14.6	22.3	15.9	15.6	41.5	29.5	7.5	44.7
	1/4	KQ2H12-02□S	19	17	28.7	24	17	58.3	46.1	9	24.3
	3/8	KQ2H12-03□S	19	17	25.9	20.8	17	58.3	46.1	9	25.2
	1/2	KQ2H12-04□S	22	17	22.3	15.9	17	58.3	46.1	9	37.7
ø16	New 1/4	KQ2H16-02□S	24	21.8	32.5	27.8	20.6	58.3	46.1	9	37.4
	3/8	KQ2H16-03□S	24	21.8	33.1	28	20.6	81	67	11	42.4
	1/2	KQ2H16-04□S	24	21.8	32.1	25.7	20.6	113	67	13	44.6

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

* Reference dimensions after installation of R thread



Straight Union: KQ2H



Applicable tubing O.D. (mm)	Model	øD (Note)	L	M	Effective area (mm ²)		Min. port size	Weight (g)
					Nylon	Urethane		
ø2	KQ2H02-00A	5.8	24.8	11.9	—	0.9	1.4	0.8
ø3.2	KQ2H23-00A	7.1	27.6	13.3	3.4	2.9	2.5	1.4
ø4	KQ2H04-00A	8.2	27.6	13.3	5.6	4	3	1.6
ø6	KQ2H06-00A	10.4	27.6	13.3	13.1	10.4	4.5	2.1
ø8	KQ2H08-00A	13.2	29.4	14.2	26.1	18	6	3.7
ø10	KQ2H10-00A	15.9	32.2	15.6	41.5	29.5	7.5	5.5
ø12	KQ2H12-00A	18.5	35	17	58.3	46.1	9	8.2
ø16	KQ2H16-00A	23.8	42.2	20.6	113	67	13	15.2

Note) øD is maximum diameter.

