

Metric Size One-touch Fittings **KQ2 Series**

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

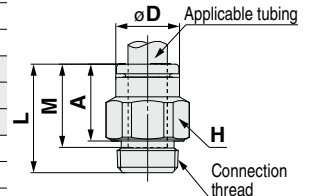
Dimensions

Male Connector: KQ2H (Face seal)



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□P	12	6.7	14.1	8.9	13.3	3.4	2.9	2.5	6.3
	1/4	KQ2H23-02□P	17	6.7	15	7.4	13.3	3.4	2.9	2.5	15.1
ø4	1/8	KQ2H04-01□P	12	7.7	16.4	11.2	13.3	4.8	3.4	3	6.9
	1/4	KQ2H04-02□P	17	7.7	15	7.4	13.3	4.8	3.4	3	14.5
ø6	1/8	KQ2H06-01□P	12	9.7	17.2	12	13.3	13.1	10.4	4.5	6.5
	1/4	KQ2H06-02□P	17	9.7	14	6.4	13.3	13.1	10.4	4.5	10.6
	3/8	KQ2H06-03□P	21	9.7	15.2	7.6	13.3	13.1	10.4	4.5	22.8
ø8	1/8	KQ2H08-01□P	14	13	21.1	15.9	14.2	26.1	18	6	11.8
	1/4	KQ2H08-02□P	17	13	19.9	12.3	14.2	26.1	18	6	13.9
	3/8	KQ2H08-03□P	21	13	15.2	7.6	14.2	26.1	18	6	19.6
ø10	1/8	KQ2H10-01□P	17	15.6	22.9	17.7	15.6	26.1	26.1	6	16.3
	1/4	KQ2H10-02□P	17	15.6	24.4	16.8	15.6	41.5	29.5	7.5	17.9
	3/8	KQ2H10-03□P	21	15.6	21.2	13.6	15.6	41.5	29.5	7.5	23.7
	1/2	KQ2H10-04□P	27	15.6	18.8	8.4	15.6	41.5	29.5	7.5	40.9
ø12	1/4	KQ2H12-02□P	19	18.2	26.6	19	17	58.3	46.1	9	22
	3/8	KQ2H12-03□P	21	18.2	25.1	17.5	17	58.3	46.1	9	28.6
	1/2	KQ2H12-04□P	27	18.2	25.1	14.7	17	58.3	46.1	9	45
ø16	1/4	KQ2H16-02□P	24	23.6	30.6	23	20.6	58.3	58.3	9	42.5
	3/8	KQ2H16-03□P	24	23.6	30.6	23	20.6	81	67	11	39.2
	1/2	KQ2H16-04□P	27	23.6	32.1	21.7	20.6	113	67	13	55

□: A (Brass), N (Brass + Electroless nickel plating)

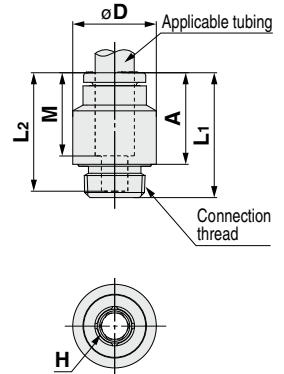


Hexagon Socket Head Male Connector: KQ2S (Face seal)



Applicable tubing O.D. [mm]	Connection thread R	Model	H (Width across flats)	øD	L1	L2	A	M	Effective area [mm ²]		Min. port size	Weight [g]
									Nylon	Urethane		
ø4	1/8	KQ2S04-01□P	3	13	20.6	19.6	15.4	13.3	4.1	3.6	3.1	11.6
ø6	1/8	KQ2S06-01□P	4	13	19.8	18.8	14.6	13.3	10	10	4.1	9.6
	1/4	KQ2S06-02□P	4	18	19.8	18.8	12.2	13.3	10.7	10	4.1	16.3
ø8	1/8	KQ2S08-01□P	5	13	21.2	19.7	16	14.2	17.2	16.2	5.1	9
	1/4	KQ2S08-02□P	6	18	20.4	19.5	12.8	14.2	23.3	16.2	6.1	15.5
	3/8	KQ2S08-03□P	6	22	20.7	19.7	13.1	14.2	23.3	16.2	6.1	26.3
ø10	1/8	KQ2S10-01□P	5	18	23	21.1	17.8	15.6	17.2	16.2	5.1	17.8
	1/4	KQ2S10-02□P	8	18	28.8	20.1	21.2	15.6	39	26.6	8.1	19.2
	3/8	KQ2S10-03□P	8	22	21.1	20.1	13.5	15.6	39	26.6	8.1	23.4
	1/2	KQ2S10-04□P	8	26	21.1	20.1	10.7	15.6	39	26.6	8.1	40.6
ø12	1/4	KQ2S12-02□P	8	18.2	30.2	21.5	22.6	17	46	44.5	8.1	24.3
	3/8	KQ2S12-03□P	10	22	25.1	21.8	17.5	17	60	44.5	10.1	28.2
	1/2	KQ2S12-04□P	10	26	25.2	21.8	14.8	17	60	44.5	10.1	40.7
ø16	1/4	KQ2S16-02□P	8	23.6	30.6	25.1	23	20.6	46	46	8.1	35.1
	3/8	KQ2S16-03□P	10	23.6	30.6	25.4	23	20.6	81	67	10.1	27.9
	1/2	KQ2S16-04□P	12	26	32.1	26.1	21.7	20.6	113	67	12.1	48.2

□: A (Brass), N (Brass + Electroless nickel plating)



Round Type

Metric Size M, R, Rc

Inch Size UNF, NPT

Inch Size M, R, Rc

Metric Size G

Metric Size R, Rc

Face Seal

Inch Size NPT

Inch Size R

Metric Size Uni

Inch Size Uni

Gasket Seal