

# Inch Size One-touch Fittings *Series KQ2*

Applicable Tubing: Inch Size, Connection Thread: UNF, NPT

## Dimensions

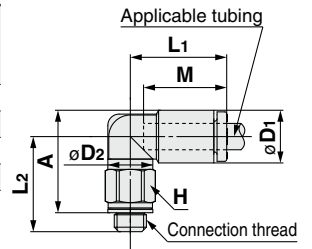
### Male Elbow: KQ2L (Gasket seal)



Applicable tubing O.D. (inch)	Connection thread UNF	Model	H (Width across flats)	Note) $\phi D_1$	$\phi D_2$	L <sub>1</sub>	L <sub>2</sub>	A	M	Effective area (mm <sup>2</sup> )		Min. port size	Weight (g)
										Nylon	Urethane		
$\phi 1/8$	10-32UNF	KQ2L01-32□	7	7.1	7	15.3	14.2	14.3	13.3	2.6	2.2	2.5	3
$\phi 5/32$	10-32UNF	KQ2L03-32□	7	8.2	7	15.4	14.7	15.3	13.3	3.5	3.5	2.5	3.1
$\phi 3/16$	10-32UNF	KQ2L05-32□	7	9.1	7	14.5	15.8	16.9	13.3	3.5	3.5	2.5	3.2
$\phi 1/4$	10-32UNF	KQ2L07-32□	7	11.1	7	15.4	16	18.1	13.3	3.5	3.5	2.5	3.5

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

Note)  $\phi D_1$  is maximum diameter.



### Male Elbow: KQ2L (Sealant)

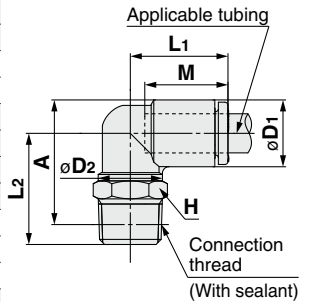


Applicable tubing O.D. (inch)	Connection thread NPT	Model	H (Width across flats)	Note) $\phi D_1$	$\phi D_2$	L <sub>1</sub>	L <sub>2</sub>	A*	M	Effective area (mm <sup>2</sup> )		Min. port size	Weight (g)
										Nylon	Urethane		
$\phi 1/8$	1/16	KQ2L01-33□S	11.11	7.1	10	14.5	24.3	23.8	13.3	3	2.5	2.5	9.1
	1/8	KQ2L01-34□S	11.11	7.1	10	14.5	16.7	17.1	13.3	3	2.5	2.5	5.5
	1/4	KQ2L01-35□S	14.29	7.1	10	14.5	21.1	20.3	13.3	3	2.5	2.5	15
$\phi 5/32$	1/16	KQ2L03-33□S	11.11	8.2	10	14.8	23.8	23.8	13.3	4.2	4.2	3	9.3
	1/8	KQ2L03-34□S	11.11	8.2	10	14.8	16.2	17.1	13.3	4.2	4.2	3	5.6
	1/4	KQ2L03-35□S	14.29	8.2	10	14.8	21.6	21.3	13.3	4.2	4.2	3	15.2
$\phi 3/16$	1/8	KQ2L05-34□S	11.11	9.1	10	15	16.7	18.1	13.3	6.8	5.6	3.5	5.8
	1/4	KQ2L05-35□S	14.29	9.1	10	15	22.1	22.3	13.3	6.8	5.6	3.5	15.4
$\phi 1/4$	1/16	KQ2L07-33□S	11.11	11.1	10	15.6	25.3	26.8	13.3	6.8	6.8	3.5	9.8
	1/8	KQ2L07-34□S	11.11	11.1	10	15.6	17.7	20.1	13.3	11.3	10	4.5	6.1
	1/4	KQ2L07-35□S	14.29	11.1	10	15.6	23.1	24.3	13.3	11.3	10	4.5	15.7
	3/8	KQ2L07-36□S	17.46	11.1	10	15.6	24.5	25.4	13.3	11.3	10	4.5	28
$\phi 5/16$	1/8	KQ2L09-34□S	11.11	13.2	10	16.4	18.7	22.1	14.2	11.4	11.4	4.5	6.9
	1/4	KQ2L09-35□S	14.29	13.2	12	17.2	24.1	26.3	14.2	21.6	14.9	6	14.1
	3/8	KQ2L09-36□S	17.46	13.2	12	17.2	25.5	27.4	14.2	21.6	14.9	6	26.2
$\phi 3/8$	1/8	KQ2L11-34□S	12.7	15.4	12	18.6	23.2	27.7	15.6	21.2	21.2	6	11.8
	1/4	KQ2L11-35□S	17.46	15.4	17	19.3	28.6	31.9	15.6	28.8	23.8	7.5	21.7
	3/8	KQ2L11-36□S	17.46	15.4	17	19.3	29.2	32.2	15.6	28.8	23.8	7.5	19.8
	1/2	KQ2L11-37□S	22.23	15.4	17	19.3	33.4	34.7	15.6	28.8	23.8	7.5	46.2
$\phi 1/2$	1/4	KQ2L13-35□S	17.46	19.3	17	21.5	30.5	35.7	17	50.3	44.4	9	24
	3/8	KQ2L13-36□S	17.46	19.3	17	21.8	26.3	31.2	17	56	44.4	9.5	20.3
	1/2	KQ2L13-37□S	22.23	19.3	17	21.8	30.5	33.7	17	56	44.4	9.5	46.3

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

\* Reference dimensions after installation of NPT thread

Note)  $\phi D_1$  is maximum diameter.



Metric Size M, R, Rc

Inch Size UNF, NPT

Inch Size M, R, Rc

Metric Size G

Metric Size R, Rc

Inch Size NPT

Inch Size R

Metric Size Uni

Inch Size Uni