

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

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

## Dimensions

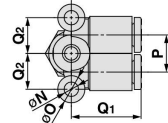
### Branch Male Elbow: KQ2LU (Gasket seal)



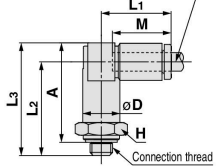
Applicable tubing O.D. (mm)	Connection thread M	Model	H (With across flange)	Note) $\phi D$	L1	L2	L3	A	M	P	$\phi O$	$\phi N$	Q1	Q2	Effective area (mm <sup>2</sup> ) Nylon (Urethane)	Min. port size	Weight (g)	
$\phi 4$	M5 x 0.8	KQ2LU04-M5	10	8.2	15.8	20.7	24.8	21.8	13.3	8.2	6	3.2	15.8	7.9	4.3	4.1	1.8	6.9
	M6 x 1.0	KQ2LU04-M6	10	8.2	15.8	21.7	25.8	21.8	13.3	8.2	6	3.2	15.8	7.9	4.3	4.1	3	6.8
$\phi 6$	M5 x 0.8	KQ2LU06-M5	12	10.4	16.5	21.4	26.6	23.6	13.3	10.4	6	3.2	16.5	10	4.3	4.3	1.8	10.3
	M6 x 1.0	KQ2LU06-M6	12	10.4	16.5	22.4	27.6	23.6	13.3	10.4	6	3.2	16.5	10	4.3	4.3	3	10.3

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

Note)  $\phi D$  is maximum diameter.



2 x Applicable tubing



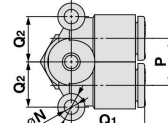
### Branch Male Elbow: KQ2LU (Sealant)



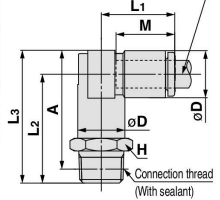
Applicable tubing O.D. (mm)	Connection thread R	Model	H (With across flange)	Note) $\phi D$	L1	L2	L3	A*	M	P	$\phi O$	$\phi N$	Q1	Q2	Effective area (mm <sup>2</sup> ) Nylon (Urethane)	Min. port size	Weight (g)	
$\phi 4$	1/8	KQ2LU04-1/8	10	8.2	15.8	23.3	27.4	24.3	13.3	8.2	6	3.2	15.8	7.9	6	4.1	3	9.5
	1/4	KQ2LU04-1/4	14	8.2	15.8	27.7	31.8	27.1	13.3	8.2	6	3.2	15.8	7.9	6	4.1	3	19.3
$\phi 6$	1/8	KQ2LU06-1/8	12	10.4	16.5	24	29.2	26.1	13.3	10.4	6	3.2	16.5	10	13.9	11	4.5	10.6
	1/4	KQ2LU06-1/4	14	10.4	16.5	28.4	33.6	28.9	13.3	10.4	6	3.2	16.5	10	13.9	11	4.5	19.5
$\phi 8$	3/8	KQ2LU06-3/8	17	10.4	16.5	29.8	35	29.9	13.3	10.4	6	3.2	16.5	10	13.9	11	4.5	31.5
	1/2	KQ2LU08-1/2	14	13.2	18.2	25.7	32.3	29.2	14.2	13.2	8	4.2	18.2	13.1	26.3	18.2	6	16.4
$\phi 10$	3/8	KQ2LU08-3/8	14	13.2	18.2	30.1	36.7	32	14.2	13.2	8	4.2	18.2	13.1	26.3	18.2	6	21.5
	1/2	KQ2LU08-1/2	17	13.2	18.2	31.5	38.1	33	14.2	13.2	8	4.2	18.2	13.1	26.3	18.2	6	33.3
$\phi 12$	1/4	KQ2LU10-1/4	17	15.9	20.3	32.2	40.2	35.5	15.6	15.9	8	4.2	20.3	15.9	40.8	29	7.5	26.6
	3/8	KQ2LU10-3/8	17	15.9	20.3	33.6	41.6	36.5	15.6	15.9	8	4.2	20.3	15.9	40.8	29	7.5	34.4
$\phi 12$	1/2	KQ2LU10-1/2	22	15.9	20.3	37.8	45.8	39.4	15.6	15.9	8	4.2	20.3	15.9	40.8	29	7.5	62.3
	3/4	KQ2LU12-3/4	19	18.5	22.5	34.4	43.6	38.9	17	18.5	8	4.2	22.5	17.9	57.2	45.2	9	37.7
$\phi 12$	1/2	KQ2LU12-1/2	19	18.5	22.5	35.8	45	39.9	17	18.5	8	4.2	22.5	17.9	57.2	45.2	9	40.6
	3/4	KQ2LU12-3/4	22	18.5	22.5	40	49.2	42.8	17	18.5	8	4.2	22.5	17.9	57.2	45.2	9	62.7

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

\* Reference dimensions after installation of R thread  
Note)  $\phi D$  is maximum diameter.



2 x Applicable tubing



KQ2

KQ2

KS

KX

KM

KF

M

H/DL

L/LL

KC

KK

KK130

DM

KDM

KB

KR

KA

KQ2

KG

KFG2

MS

KKA

KP

LQ

MQR

T

IDK