

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

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

## Dimensions

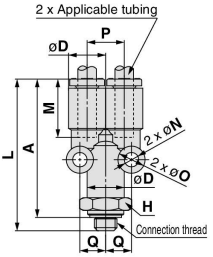
### Branch "Y": KQ2U (Gasket seal)



Applicable tubing O.D. (mm)	Connection thread M	Model	H (Width across flats)	Note) $\phi$ D	L	A	M	P	Q	$\phi$ O	$\phi$ N	Effective area (mm <sup>2</sup> )		Min. port size	Weight (g)
												Nylon	Urethane		
$\phi$ 3.2	M5 x 0.8	KQ2U23-M5□	10	7.1	33.8	30.8	13.3	7.1	5.2	6	3.2	2.2	2.2	1.8	5.8
	M5 x 0.8	KQ2U04-M5□	10	8.2	33.9	30.9	13.3	8.2	5.7	6	3.2	2.2	2.2	1.8	6.7
$\phi$ 4	M6 x 1.0	KQ2U04-M6□	10	8.2	34.9	30.9	13.3	8.2	5.7	6	3.2	2.2	2.2	3	6.6
	M5 x 0.8	KQ2U06-M5□	12	10.4	35	32	13.3	10.4	6.8	6	3.2	2.2	2.2	1.8	10
$\phi$ 6	M6 x 1.0	KQ2U06-M6□	12	10.4	36	32	13.3	10.4	6.8	6	3.2	2.2	2.2	3	9.8

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

Note)  $\phi$ D is maximum diameter.



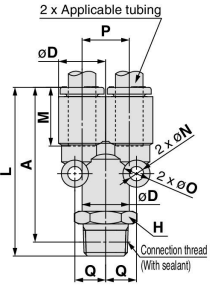
### Branch "Y": KQ2U (Sealant)



Applicable tubing O.D. (mm)	Connection thread R	Model	H (Width across flats)	Note) $\phi$ D	L	A*	M	P	Q	$\phi$ O	$\phi$ N	Effective area (mm <sup>2</sup> )		Min. port size	Weight (g)
												Nylon	Urethane		
$\phi$ 3.2	1/8	KQ2U23-01□S	10	7.1	36.4	33.3	13.3	7.1	5.2	6	3.2	3.4	2.9	2.7	8.6
	1/4	KQ2U23-02□S	14	7.1	40.8	36.1	13.3	7.1	5.2	6	3.2	3.4	2.9	2.7	19
$\phi$ 4	1/8	KQ2U04-01□S	10	8.2	36.5	33.4	13.3	8.2	5.7	6	3.2	4.2	4.2	3.6	9.3
	1/4	KQ2U04-02□S	14	8.2	40.9	36.2	13.3	8.2	5.7	6	3.2	4.2	4.2	3.6	19.1
$\phi$ 6	1/8	KQ2U06-01□S	12	10.4	37.6	34.5	13.3	10.4	6.8	6	3.2	13.4	10.6	5.4	10.3
	1/4	KQ2U06-02□S	14	10.4	42	37.3	13.3	10.4	6.8	6	3.2	13.4	10.6	5.4	19.2
$\phi$ 8	3/8	KQ2U06-03□S	17	10.4	43.4	38.3	13.3	10.4	6.8	6	3.2	13.4	10.6	5.4	31.2
	1/2	KQ2U08-01□S	14	13.2	40.7	37.6	14.2	13.2	8.7	8	4.2	25.6	17.7	6	15.8
$\phi$ 10	1/4	KQ2U08-02□S	14	13.2	45.1	40.4	14.2	13.2	8.7	8	4.2	25.6	17.7	7.3	20.9
	3/8	KQ2U08-03□S	17	13.2	46.5	41.4	14.2	13.2	8.7	8	4.2	25.6	17.7	7.3	32.7
$\phi$ 12	1/4	KQ2U10-02□S	17	15.9	49	44.3	15.6	15.9	10.1	8	4.2	40	28.4	9	25.6
	3/8	KQ2U10-03□S	17	15.9	50.4	45.3	15.6	15.9	10.1	8	4.2	40	28.4	9.4	33.4
$\phi$ 16	1/2	KQ2U10-04□S	22	15.9	54.6	48.2	15.6	15.9	10.1	8	4.2	40	28.4	9.4	61.3
	3/8	KQ2U12-02□S	19	18.5	53	48.3	17	18.5	11.4	8	4.2	57.4	45.4	9	36
$\phi$ 12	3/8	KQ2U12-03□S	19	18.5	54.4	49.3	17	18.5	11.4	8	4.2	57.4	45.4	11	38.9
	1/2	KQ2U12-04□S	22	18.5	58.6	52.2	17	18.5	11.4	8	4.2	57.4	45.4	11.6	61
$\phi$ 16	1/4	KQ2U16-02□S	24	23.8	62.4	57.7	20.6	23.8	14	8	4.2	57.4	45.4	9	67.6
	3/8	KQ2U16-03□S	24	23.8	63.8	58.7	20.6	23.8	14	8	4.2	81	60	11	71.5
$\phi$ 16	1/2	KQ2U16-04□S	24	23.8	68	61.6	20.6	23.8	14	8	4.2	113	60	13	82.6

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

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

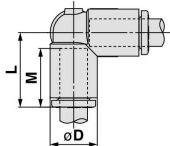
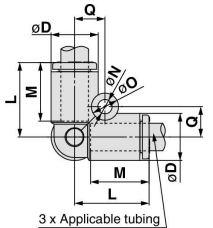


### Delta Union: KQ2D



Applicable tubing O.D. (mm)	Model	Note) $\phi$ D	L	M	Q	$\phi$ O	$\phi$ N	Effective area (mm <sup>2</sup> )		Min. port size	Weight (g)
								Nylon	Urethane		
$\phi$ 4	KQ2D04-00A	8.2	15.8	13.3	5.7	6	3.2	6	4.1	3	2.7
$\phi$ 6	KQ2D06-00A	10.4	16.8	13.3	6.7	6	3.2	13.9	11	4.5	3.8
$\phi$ 8	KQ2D08-00A	13.2	18.8	14.2	8.4	8	4.2	26.3	18.2	6	6.8
$\phi$ 10	KQ2D10-00A	15.9	21.2	15.6	9.6	8	4.2	40.8	29	7.5	10.3
$\phi$ 12	KQ2D12-00A	18.5	23.6	17	10.7	8	4.2	57.2	45.2	9	15.2

Note)  $\phi$ D is maximum diameter.



KQ2

KQ82

KS

KX

KM

KF

M

H/DL

L/L

KC

KK

KK130

DM

KDM

KB

KR

KA

KQ62

KG

KFG2

MS

KKA

KP

LQ

MQR

T

IDK