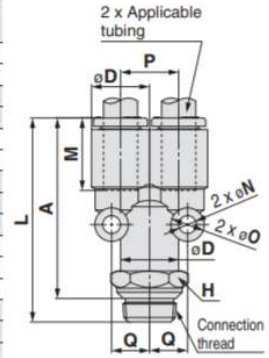


SMC

Branch "Y": KQ2U (Gasket seal)



Applicable tubing O.D. [inch]	Connection thread Uni	Model	H (Width across flats)	Note) $\phi D$	L	P	A*	M	Q	$\phi O$	$\phi N$	Effective area [mm <sup>2</sup> ]		Min. port size	Weight [g]
												Nylon	Urethane		
$\phi 1/8$	1/8	KQ2U01-U01□	11.11	7.1	35.1	7.1	30.3	13.3	5.2	6	3.2	3.4	2.9	2.7	8.2
	1/4	KQ2U01-U02□	14.29	7.1	37.4	7.1	31	13.3	5.2	6	3.2	3.4	2.9	2.7	14.6
$\phi 5/32$	1/8	KQ2U03-U01□	11.11	8.2	35.4	8.2	30.6	13.3	5.7	6	3.2	4.2	4.2	3.6	8.7
	1/4	KQ2U03-U02□	14.29	8.2	37.4	8.2	31	13.3	5.7	6	3.2	4.2	4.2	3.6	14.8
$\phi 3/16$	1/8	KQ2U05-U01□	11.11	9.1	35.8	9.1	31	13.3	6.2	6	3.2	6.8	5.6	4.1	9
	1/4	KQ2U05-U02□	14.29	9.1	38.1	9.1	31.7	13.3	6.2	6	3.2	6.8	5.6	4.1	15.3
$\phi 1/4$	1/8	KQ2U07-U01□	12.7	11.1	37.7	11.1	32.9	13.3	7.6	8	4	11.6	10	5.6	12
	1/4	KQ2U07-U02□	14.29	11.1	38.8	11.1	32.4	13.3	7.6	8	4	11.6	10	5.6	16.3
	3/8	KQ2U07-U03□	17.46	11.1	39.7	11.1	33.3	13.3	7.6	8	4	11.6	10	5.6	25.1
$\phi 5/16$	1/8	KQ2U09-U01□	14.29	13.2	41.6	13.2	36.8	14.2	8.7	8	4.2	25.6	17.7	6	17.9
	1/4	KQ2U09-U02□	14.29	13.2	42.6	13.2	36.2	14.2	8.7	8	4.2	25.6	17.7	7.3	18.6
	3/8	KQ2U09-U03□	17.46	13.2	42.4	13.2	36	14.2	8.7	8	4.2	25.6	17.7	7.3	26.1
$\phi 3/8$	1/4	KQ2U11-U02□	17.46	15.4	47.2	15.4	40.8	15.6	9.9	8	4.2	28.8	23.8	8.9	24.8
	3/8	KQ2U11-U03□	19	15.4	47.1	15.4	40.7	15.6	9.9	8	4.2	28.8	23.8	8.9	31.5
	1/2	KQ2U11-U04□	22.23	15.4	49.3	15.4	40.7	15.6	9.9	8	4.2	81	23.8	8.9	48.9
$\phi 1/2$	1/4	KQ2U13-U02□	22.23	19.3	52.5	19.3	46.1	17	11.8	8	4.2	113	50.6	9	44.3
	3/8	KQ2U13-U03□	22.23	19.3	52.4	19.3	46	17	11.8	8	4.2	113	50.6	11	43
	1/2	KQ2U13-U04□	22.23	19.3	54	19.3	45.4	17	11.8	8	4.2	113	50.6	12.1	50



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

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