

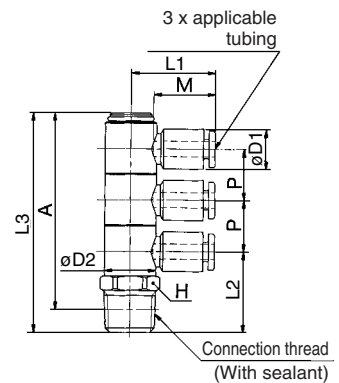
Triple Universal Male Elbow: KQ2VT



Applicable tubing O.D. (mm)	Connection thread R	Model	H (width across flats)	Note) $\phi D1$	$\phi D2$	L1	L2	L3	A*	M	P	Mass (g)
4	1/8	KQ2VT04-01S	14	10.4	13.4	22	17.6	53.6	50.5	16	13.4	29
	1/4	KQ2VT04-02S	14				21	57	51.5			34
	3/8	KQ2VT04-03S	17				22.4	58.4	53.5			48
6	1/8	KQ2VT06-01S	14	12.8	13.4	24.5	17.5	53.6	50.5	17	13.4	31
	1/4	KQ2VT06-02S	14				21	57	51.5			37
	3/8	KQ2VT06-03S	17				21.9	58.4	53.5			50
8	1/8	KQ2VT08-01S	19	15.2	17.6	28.5	20.1	63.1	60	18.5	15.9	71
	1/4	KQ2VT08-02S					23.5	66.5	61			66
	3/8	KQ2VT08-03S					23.9	66.9	61.5			75
	1/2	KQ2VT08-04S	21				27.6	70.6	63.5			96
10	1/4	KQ2VT10-02S	21	18.5	20.6	31.5	26	77	71.5	21	19.2	94
	3/8	KQ2VT10-03S					26.4	77.4	72			111
	1/2	KQ2VT10-04S					29.6	80.6	73.5			111
12	1/4	KQ2VT12-02S	26	20.9	25.2	34	28.4	85.9	80	22	21.6	153
	3/8	KQ2VT12-03S					31.6	89.1	80.5			142
	1/2	KQ2VT12-04S					31.6	89.1	82			154

* Reference dimensions after R thread installation.

Note) $\phi D1$: Max. diameter



Branch Universal Male Elbow: KQ2Z

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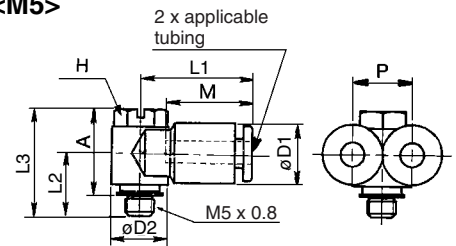
Applicable tubing O.D. (mm)	Connection thread R M Rc	Model	H (width across flats)	Note) $\phi D1$	$\phi D2$	L1	L2	L3	A*	M	P	Effective area (mm ²)	Mass (g)
4	M5 x 0.8	KQ2Z04-M5	8	10.4	9.8	19.5	11	18.5	15	16	10.4	3.4	8
	1/8	KQ2Z04-01S	8		13.4	21	13.6	25.6	22.5			4.7	16
6	1/8	KQ2Z06-01S	8	12.8	13.4	22	13.6	25.6	22.5	17	12.8	10.8	17
	1/4	KQ2Z06-02S	14		20.6	25.5	19	35	29.5			8.6	39
	3/8	KQ2Z06-03S	14		19.4	35.4	30						47
8	1/8	KQ2Z08-01S	12	15.2	14.6	27.6	24.5			18.5	15.2	20.5	27
	1/4	KQ2Z08-02S	14		18	31	25.5					14.2	33
	3/8	KQ2Z08-03S	14		20.6	27	19.4	35.4	30				49
10	1/4	KQ2Z10-02S	14	18.5	20.6	29	19	35	29.5	21	18.5	31.8	46
	3/8	KQ2Z10-03S	14		19.4	35.4	30						54
	1/2	KQ2Z10-04S	17		20.9	37.9	32.5						71
12	3/8	KQ2Z12-03S	17	20.9	25.2	32.5	24.1	41.1	34	22	20.9	44.6	35.3
	1/2	KQ2Z12-04S											88

* Reference dimensions after R thread installation.

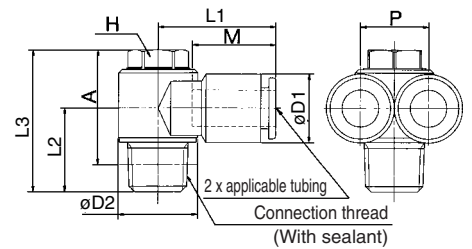
Note) $\phi D1$: Max. diameter



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Branch Universal Female Elbow: KQ2ZF

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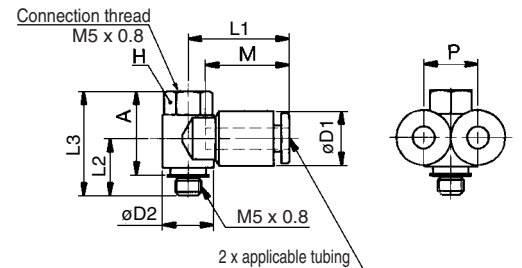
Applicable tubing O.D. (mm)	Connection thread R M Rc	Model	H (width across flats)	Note) $\phi D1$	$\phi D2$	L1	L2	L3	A*	M	P	Mass (g)
4	M5 x 0.8	KQ2ZF04-M5	8	10.4	9.8	19.5	11	20	16.5	16	10.4	8
	1/8	KQ2ZF04-01S	14		13.4	21	14.6	28.6	25.5			21
6	1/8	KQ2ZF06-01S	14	12.8	13.4	22	14.6	28.6	25.5	17	12.8	21
	1/4	KQ2ZF06-02S	19		20.6	25.5	21.5	40.5	35			47
8	1/8	KQ2ZF08-01S	17	15.2	17.6	25.5	16.1	30.1	27	18.5	15.2	32
	1/4	KQ2ZF08-02S	19		20.6	27	21.5	40.5	35			49
10	1/4	KQ2ZF10-02S	19	18.5	20.6	29	21.5	40.5	35	21	18.5	54
	3/8	KQ2ZF10-03S	22		25.2	31.5	23.4	44.4	39			74
12	3/8	KQ2ZF12-03S	22	20.9	25.2	32.5	23.4	44.4	39	22	20.9	77
	1/2	KQ2ZF12-04S	24		27	33	24.1	49.1	42			101

* Reference dimensions after R thread installation.

Note) $\phi D1$: Max. diameter



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