

One-touch Fittings

Series KQ2

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

How to Order

KQ 2 H 06 - 01 S - []

• **One-touch fittings**

• **Product's color**

Symbol	Body	Release button
2	White	Light gray
Nil	Black	Blue

• **With thread sealant (Male thread only)**

Nil	None
S	With thread sealant

Note) Port size with sealant: Only
R 1/8
R 1/4
R 3/8
R 1/2

• **Applicable tubing O.D.**

23	ø3.2
04	ø4
06	ø6
08	ø8
10	ø10
12	ø12
16	ø16

• **Port size/Applicable tubing O.D.**

Tubing (Rod) connection	Thread connection	Applicable tubing O.D.
M5	M5	M5 x 0.8
M6	M6	M6 x 1.0
01	R 1/8, Rc 1/8	
02	R 1/4, Rc 1/4	
03	R 3/8, Rc 3/8	
04	R 1/2, Rc 1/2	
00	Same dia. tubing	
04	ø4	(Reducer) Different dia. tubing
06	ø6	
08	ø8	
10	ø10	
12	ø12	
16	ø16	
99	Same dia. rod	

• **Model**

H	Male connector	T	Male branch tee
	Straight union		Union tee
	Different diameter straight		Different diameter tee*
S	Hex. socket head male connector	TW	Cross*
F	Female connector	TX	Different diameter cross*
L	Male elbow	TY	Different diameter cross*
	Union elbow	Y	Male run tee
	Plug-in elbow	D	Male delta union
Reducer elbow	Delta union		
LU	Male branch connector	U	Branch "Y"
	Branch union elbow		Union "Y"
K	45° male elbow		Different dia. union "Y"
V	Universal male elbow		Plug-in "Y"
VS	Hexagon socket head universal male elbow		Delta branch
VF	Universal female elbow	UD	Different dia. double union "Y"
LF	Female elbow	XD	Double plug-in "Y"
VD	Double universal male elbow	X	Different diameter plug-in "Y"
VT	Triple universal male elbow	R	Plug-in reducer
Z	Branch universal male elbow	E	Bulkhead union
ZF	Branch universal female elbow		Bulkhead connector
ZD	Double branch universal male elbow	LE	Bulkhead male elbow
ZT	Triple branch universal male elbow		
	Extended plug-in elbow		
W	Extended male elbow		

• **Accessory**

Symbol	Name
KQ2N	Nipple
	Reducer nipple
	Adaptor
KQ2C	Tube cap
KQ2C	Color cap
KQ2P	Plug (White)
KQP	Plug (Blue)

Use the below part number to order the gasket for M5 and M6 threads.
Gasket for M5 thread: M-5G2
Gasket for M6 thread: M-6G

* Available only for white color body.

Series KQ2

Extended Male Elbow: KQ2W

<M5>



<R>



Applicable tubing O.D. (mm)	Connection thread R	Model	H (width across flats)	⁽¹⁾		L1	L2	A*	M	Effective area ⁽²⁾ (mm ²)		Mass (g)
				øD1	øD2					Nylon	Urethane	
3.2	M5 x 0.8	KQ2W23-M5	8	9.6	10	17.5	30	31	15.5	2.8	2.4	10
	1/8	KQ2W23-01S	10				37	38				19
	1/4	KQ2W23-02S	14				43	42				41
4	M5 x 0.8	KQ2W04-M5	8	10.4	10	18	30	32	16	3.0	3.0	11
	1/8	KQ2W04-01S	10				36.6	38.5				23
	1/4	KQ2W04-02S	14				43	42.5				38
6	M5 x 0.8	KQ2W06-M5	8	12.8	10	20	30.5	33.5	17	3	3	11
	1/8	KQ2W06-01S	10				39.1	42.5				26
	1/4	KQ2W06-02S	14				45.5	46.5				41
8	1/8	KQ2W08-01S	12	15.2	12	23	42.6	47	18.5	20.5	14.2	30
	1/4	KQ2W08-02S	14				49	51				47
	3/8	KQ2W08-03S	17				50.4	52.5				74
10	1/4	KQ2W10-02S	17	18.5	17	26.5	56	59.5	21	33.5	23.8	66
	3/8	KQ2W10-03S	17				57.4	61				76
	1/2	KQ2W10-04S	22				64.1	66				145
12	1/4	KQ2W12-02S	17	20.9	17	28.5	57	62	22	47.7	37.7	68
	3/8	KQ2W12-03S	17				58.4	63.5				78
	1/2	KQ2W12-04S	22				65.1	68.5				147
16	3/8	KQ2W16-03S	22	26.5	20.9	34	68.4	76	25	71	(71)	101
	1/2	KQ2W16-04S	22				72.1	78				105

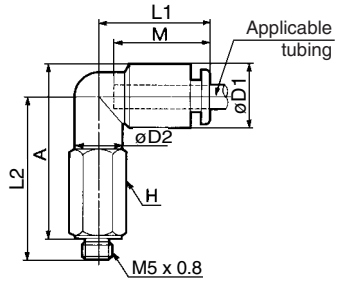
* Reference dimensions after R thread installation.

Note 1) øD1: Max. diameter

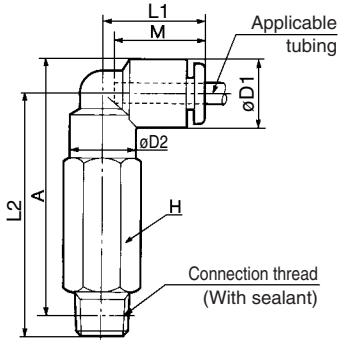
Note 2) (): Values for soft nylon



<M5>



<R>



Male Branch Tee: KQ2T

<M5>



<M6>



<R>



Applicable tubing O.D. (mm)	Connection thread R	Model	H (width across flats)	⁽¹⁾		L1	L2	A*	M	Effective area ⁽²⁾ (mm ²)		Mass (g)
				øD1	øD2					Nylon	Urethane	
3.2	M5 x 0.8	KQ2T23-M5	7	8.4	10	15.3	13.2	14.3	12.7	3.2	2.7	3.2
	1/8	KQ2T23-01S	10				20.6	22.5				10
	1/4	KQ2T23-02S	14				25	24.5				20
4	M5 x 0.8	KQ2T04-M5	7	9.3	10	15.6	13.7	15.3	12.7	4.5	4.5	3.5
	M6 x 1.0	KQ2T04-M6	8				14.7					4.4
	1/8	KQ2T04-01S	10				21.1	23				13
6	1/4	KQ2T04-02S	14	10.4	10	18	25.5	25	16	6.0	4.1	19
	M5 x 0.8	KQ2T06-M5	7				14.7	17.4				4.4
	M6 x 1.0	KQ2T06-M6	8				15.7					5.3
8	1/8	KQ2T06-01S	10	11.6	10	16.1	22.1	25.5	13.5	4.5	4.5	12
	1/4	KQ2T06-02S	14				26.5	27.5				20
	3/8	KQ2T06-03S	17				27.9	29				34
10	1/8	KQ2T08-01S	12	12.8	10	21	23.6	28	17	13.9	11.0	14
	1/4	KQ2T08-02S	14				28	30				22
	3/8	KQ2T08-03S	17				29.4	31.5				36
12	1/8	KQ2T10-01S	12	15.2	12	24	26.1	32	18.5	26.3	18.2	31
	1/4	KQ2T10-02S	17				29.5	33				29
	3/8	KQ2T10-03S	17				30.9	34.5				39
16	1/2	KQ2T10-04S	22	18.5	17	26.5	35.1	37	21	35.2	25	66
	1/4	KQ2T12-02S	17				30.5	35.5				31
	3/8	KQ2T12-03S	17				31.9	37				41
16	1/2	KQ2T12-04S	22	20.9	17	28.5	36.1	39.5	22	57.2	45.2	68
	3/8	KQ2T16-03S	22				36.9	44.5				112
	1/2	KQ2T16-04S	22				39.6	46				116

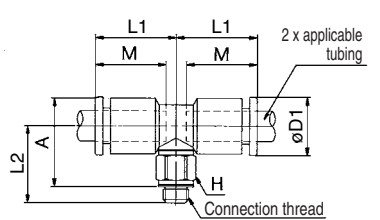
* Reference dimensions after R thread installation.

Note 1) øD1: Max. diameter

Note 2) (): Values for soft nylon



<M5, M6>



<R>

