

# 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	

• **Made to Order**  
Refer to page 58 for details.

• **Model**

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

**Accessory**

Symbol	Name
<b>KQ2N</b>	Nipple
	Reducer nipple
<b>KQ2C</b>	Adaptor
	Tube cap
<b>KQ2C</b>	Color cap
<b>KQ2P</b>	Plug (White)
<b>KQP</b>	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.

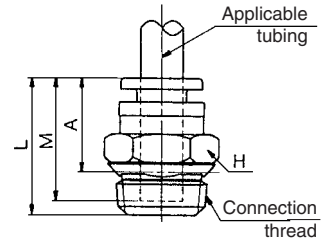
# Series KQ2

## Male Connector: KQ2H



Applicable tubing O.D. (mm)	Connection thread Uni One-touch fittings	Model	H (width across flats)	L	A*	M	Effective area (mm <sup>2</sup> ) <sup>(Note)</sup>		Mass (g)
							Nylon	Urethane	
4	1/8	KQ2H04-U01	10	18.5	13.5	16	5.6	5.6	5
	1/4	KQ2H04-U02	14	16.5	10.5				10
6	1/8	KQ2H06-U01	12	19.5	14.5	17	13.1	13.1	5
	1/4	KQ2H06-U02	14		13				10
	3/8	KQ2H06-U03	17	17.5	11.5				16
8	1/8	KQ2H08-U01	14	25	20.5	18.5	26.1	18.0	11
	1/4	KQ2H08-U02		21.5	15.5				27
	3/8	KQ2H08-U03	17	19.5	13.5				33
10	1/8	KQ2H10-U01	17	23	23	21	41.5	29.5	17
	1/4	KQ2H10-U02		28	22				17
	3/8	KQ2H10-U03		24	18				14
	1/2	KQ2H10-U04	22	22	14				28
12	1/4	KQ2H12-U02	19	30.5	24.5	22	58.3	46.1	22
	3/8	KQ2H12-U03		25.5	19.5				16
	1/2	KQ2H12-U04	22	24.5	16.5				28
16	3/8	KQ2H16-U03	24	33.5	27.5	24	81	(81)	39
	1/2	KQ2H16-U04		28.5	20.5				113

\* Reference dimensions after Uni thread installation. Note) Dimensions in ( ) are the case of soft nylon tubing.



## Male Elbow: KQ2L



Applicable tubing O.D. (mm)	Connection thread Uni One-touch fittings	Model	H (width across flats)	<sup>(1)</sup>		L1	L2	A*	M	Effective area (mm <sup>2</sup> ) <sup>(2)</sup>		Mass (g)
				øD1	øD2					Nylon	Urethane	
4	1/8	KQ2L04-U01	10	10.4	10	18	20	20.5	16	4.2	4.2	8
	1/4	KQ2L04-U02	14				22	21.5				14
6	1/8	KQ2L06-U01	10	12.8	10	20	21.5	23.5	17	11.4	11.4	9
	1/4	KQ2L06-U02	14				23	24.5				15
	3/8	KQ2L06-U03	17				24	24.5				23
8	1/8	KQ2L08-U01	12	15.2	12	23	22.5	25.5	18.5	21.6	14.9	11
	1/4	KQ2L08-U02	14				24.5	26				16
	3/8	KQ2L08-U03	17				25.5	27				24
10	1/8	KQ2L10-U01	17	18.5	17	26.5	25	29.5	21	35.2	25.0	24
	1/4	KQ2L10-U02					26.5	30				21
	3/8	KQ2L10-U03					27	30.5				25
	1/2	KQ2L10-U04	22				30	31.5				45
12	1/4	KQ2L12-U02	17	20.9	17	28.5	27	31.5	22	50.2	39.7	23
	3/8	KQ2L12-U03					28	32.5				27
	1/2	KQ2L12-U04	22				31	33.5				48
16	3/8	KQ2L16-U03	22	26.5	21	33	33	40.5	24	71	(71)	49
	1/2	KQ2L16-U04					35	40.5				100

\* Reference dimensions after Uni thread installation. Note 1) øD1: Max. diameter  
Note 2) Dimensions in ( ) are the case of soft nylon tubing.

