

# 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	Port size/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
<b>KQ2C</b>	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.

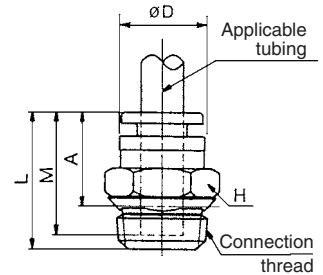
# Series KQ2

## Male Connector: KQ2H



Applicable tubing O.D. (inch)	Connection thread Uni thread	Model	H (Width across flats)	L	A *	M	Min. port size	Mass (g)
1/8	1/8	KQ2H01-U01	11.11	18.5	13.5	15.5	2.5	7
	1/4	KQ2H01-U02	14.29	16	10			6
5/32	1/8	KQ2H03-U01	11.11	18.5	13.5	16	3	6
	1/4	KQ2H03-U02	14.29	16.5	10.5			10
3/16	1/8	KQ2H05-U01	12.7	18.5	13.5	16	3.5	7
	1/4	KQ2H05-U02	14.29	17	11			9
1/4	1/8	KQ2H07-U01	12.7	22.5	17.5	17	4.6	9
	1/4	KQ2H07-U02	14.29	20.5	14.5			11
	3/8	KQ2H07-U03	17.46	17.5	11.5			16
5/16	1/8	KQ2H09-U01	14.29	25	20.5	18.5	6	12
	1/4	KQ2H09-U02		21.5	15.5			9
	3/8	KQ2H09-U03	17.46	19.5	13.5			16
3/8	1/4	KQ2H11-U02	17.46	28	22	21	7	19
	3/8	KQ2H11-U03						16
	1/2	KQ2H11-U04	22.23	22	14			30
1/2	1/4	KQ2H13-U02	22.23	30	24	22	9.6	33
	3/8	KQ2H13-U03		28.5	22.5			30
	1/2	KQ2H13-U04		25	17			28

\* Reference dimensions after Uni thread installation.



## Male Elbow: KQ2L



Applicable tubing O.D. (inch)	Connection thread Uni thread	Model	H (Width across flats)	øD1	øD2	L1	L2	A *	M	Min. port size	Mass (g)
1/8	1/8	KQ2L01-U01	11.11	9.6	10	17.5	20	20.5	15.5	2.5	6
	1/4	KQ2L01-U02	14.29				22	21			13
5/32	1/8	KQ2L03-U01	11.11	10.4	10	18	20	21.5	16	3	7
	1/4	KQ2L03-U02	14.29				22.5	22.5			13
3/16	1/8	KQ2L05-U01	11.11	11.4	10	19.5	20.5	22.5	16	3.5	8
	1/4	KQ2L05-U02	14.29				23	23			14
1/4	1/8	KQ2L07-U01	11.11	13.2	10	20.5	21.5	24	17	4.6	8
	1/4	KQ2L07-U02	14.29				23.5	24.5			15
	3/8	KQ2L07-U03	17.46				24.5	25			21
5/16	1/8	KQ2L09-U01	12.7	15.2	12	23.5	22.5	25.5	18.5	6	10
	1/4	KQ2L09-U02	14.29				24.5	26.5			15
	3/8	KQ2L09-U03	17.46				25.5	27			17
3/8	1/4	KQ2L11-U02	17.46	17.9	17	25.5	26.5	29.5	21	7	18
	3/8	KQ2L11-U03					27	30			22
	1/2	KQ2L11-U04	30				31	41			
1/2	1/4	KQ2L13-U02	17.46	21.7	17	28	28.5	33	22	9.6	23
	3/8	KQ2L13-U03					28.5	33.5			31
	1/2	KQ2L13-U04					22.23	32			35

\* Reference dimensions after Uni thread installation.

