

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

• Made to Order
Refer to page 58 for details.

• 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.

Thread connection		
M5	M5 x 0.8	
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

Accessory

Symbol	Name
	Nipple
KQ2N	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

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	UD	Delta branch
VF	Universal female elbow		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		
W	Extended plug-in elbow		
	Extended male elbow		

* Available only for white color body.

Male Branch Tee: KQ2T

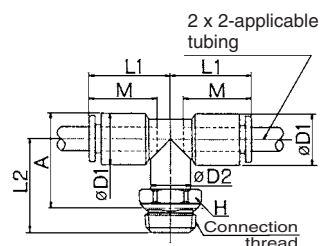


Applicable tubing O.D. (mm)	Connection thread Uni One-touch fittings	Model	H (width across flats)	⁽¹⁾ øD1	øD2	L1	L2	A*	M	Effective area (mm ²)		Mass (g)
										Nylon	Urethane	
4	1/8	KQ2T04-U01	10	10.4	10	18	20	21.5	16	6.0	6.0	9
	1/4	KQ2T04-U02	14				22					15
6	1/8	KQ2T06-U01	10	12.8	10	20	21.5	23.5	17	13.9	13.9	11
	1/4	KQ2T06-U02	14				23					17
	3/8	KQ2T06-U03	17				24					26
	1/2	KQ2T06-U04	22				25.5					31
8	1/8	KQ2T08-U01	12	15.2	12	23	22.5	26	18.5	26.3	18.2	15
	1/4	KQ2T08-U02	14				24.5					20
	3/8	KQ2T08-U03	17				25.5					28
	1/2	KQ2T08-U04	22				27					31
10	1/8	KQ2T10-U01	10	18.5	17	26.5	25	29.5	21	35.2	25	30
	1/4	KQ2T10-U02	14				26.5					27
	3/8	KQ2T10-U03	17				27					31
	1/2	KQ2T10-U04	22				30					51
12	1/4	KQ2T12-U02	17	20.9	17	28.5	27	31.5	22	57.2	45.2	31
	3/8	KQ2T12-U03	17				28					34
	1/2	KQ2T12-U04	22				31					54
	1/2	KQ2T12-U04	22				31					54
16	3/8	KQ2T16-U03	22	26.5	21	33	33	40.5	24	71	(71)	62
	1/2	KQ2T16-U04	22				35					63

* Reference dimensions after Uni thread installation.

Note 1) øD1: Max. diameter

Note 2) Dimensions in () are the case of soft nylon tubing.



K□

M□

H□

KK

D□

MS

LQ

MQR

T□

Male Run Tee: KQ2Y



Applicable tubing O.D. (mm)	Connection thread Uni One-touch fittings	Model	H (width across flats)	⁽¹⁾ øD1	øD2	L1	L2	A*	M	Effective area (mm ²)		Mass (g)
										Nylon	Urethane	
4	1/8	KQ2Y04-U01	10	10.4	10	18	20	34	16	6.4	6.4	9
	1/4	KQ2Y04-U02	14				22					15
6	1/8	KQ2Y06-U01	10	12.8	10	20	21.5	37.5	17	13.4	13.4	11
	1/4	KQ2Y06-U02	14				23					17
	3/8	KQ2Y06-U03	17				24					26
	1/2	KQ2Y06-U04	22				25.5					31
8	1/8	KQ2Y08-U01	12	15.2	12	23	22.5	41.5	18.5	25.6	17.7	15
	1/4	KQ2Y08-U02	14				24.5					19
	3/8	KQ2Y08-U03	17				25.5					28
	1/2	KQ2Y08-U04	22				27					31
10	1/8	KQ2Y10-U01	10	18.5	17	26.5	25	46.5	21	40.0	28.4	30
	1/4	KQ2Y10-U02	14				26.5					27
	3/8	KQ2Y10-U03	17				27					31
	1/2	KQ2Y10-U04	22				30					51
12	1/4	KQ2Y12-U02	17	20.9	17	28.5	27	49.5	22	57.4	45.4	31
	3/8	KQ2Y12-U03	17				28					35
	1/2	KQ2Y12-U04	22				31					55
	1/2	KQ2Y12-U04	22				31					55
16	3/8	KQ2Y16-U03	22	26.5	21	33	40.5	66	24	81	(81)	61
	1/2	KQ2Y16-U04	22				63					62

* Reference dimensions after Uni thread installation.

Note 1) øD1: Max. diameter

Note 2) Dimensions in () are the case of soft nylon tubing.

