

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.

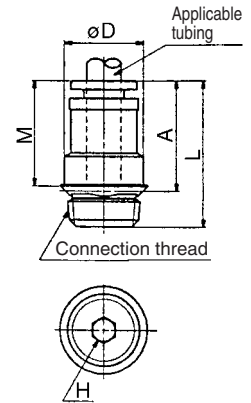
Hexagon Socket Head Male Connector: KQ2S



Applicable tubing O.D. (mm)	Connection thread Uni One-touch fittings	Model	H (width across flats)	(Note)	L	A*	M	Effective area (mm²)		Mass (g)
				øD1				Nylon	Urethane	
4	1/8	KQ2S04-U01	3	10	23.5	18.5	16	4.1	3.6	7
6	1/8	KQ2S06-U01	4	11.8	24	19	17	10.0	9.9	9
	1/4	KQ2S06-U02		13.5		18		10.7	10.0	12
8	1/8	KQ2S08-U01	5	14	27.5	22.5	18.5	17.2	16.2	12
	1/4	KQ2S08-U02	6		28	22		23.3		14
	3/8	KQ2S08-U03		17	27.5	21.5				24
10	1/8	KQ2S10-U01	5	17	30	25	21	17.2	10.0	18
	1/4	KQ2S10-U02	8		29	23		39.0	26.6	17
	3/8	KQ2S10-U03		28.5	22.5	19				
	1/2	KQ2S10-U04		21	29	21				
12	1/4	KQ2S12-U02	8	19	30.5	25	22	46.0	44.5	20
	3/8	KQ2S12-U03	9	31		60.0		22		
	1/2	KQ2S12-U04		21	28.5			20.5		30

* Reference dimensions after Uni thread installation.

Note) ϕD : Max. diameter



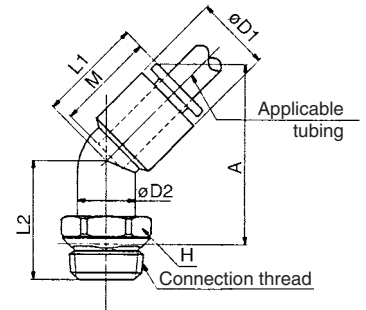
45° Male Elbow: KQ2K



Applicable tubing O.D. (mm)	Connection thread Uni One-touch fittings	Model	H (width across flats)	(Note)	øD1	øD2	L1	L2	A*	M	Effective area (mm²)		Mass (g)					
											Nylon	Urethane						
4	1/8	KQ2K04-U01	10	10.4	10	17	18.5	30	16	3.4	3.4	6						
	1/4	KQ2K04-U02	14									20.5	30.5	13				
6	1/8	KQ2K06-U01	10	12.8	10	18	18.5	31	17	8.7	8.7	7						
	1/4	KQ2K06-U02	14									20.5	32	13				
	3/8	KQ2K06-U03	17									21.5	32	23				
8	1/8	KQ2K08-U01	12	15.2	12	20.5	20	35	18.5	19.7	13.6	11						
	1/4	KQ2K08-U02	14									22	36	15				
	3/8	KQ2K08-U03	17									23	36	24				
10	1/8	KQ2K10-U01	17	18.5	17	24	22	38	21	21.6	14.9	24						
	1/4	KQ2K10-U02										23.5	40.5	21				
	3/8	KQ2K10-U03								22				24	41	30.9	23.2	25
	1/2	KQ2K10-U04												27	42			45
12	1/4	KQ2K12-U02	17	20.9	17	25	24	42	22	44.5	35.1	23						
	3/8	KQ2K12-U03										24.5	42.5	27				
	1/2	KQ2K12-U04										22	27.5	43.5	46			

* Reference dimensions after Uni thread installation.

Note) $\phi D1$: Max. diameter



Universal Male Elbow: KQ2V



Applicable tubing O.D. (mm)	Connection thread Uni One-touch fittings	Model	H (width across flats)	(Note)	øD1	øD2	L1	L2	L3	A*	M	Effective area (mm²)		Mass (g)
												Nylon	Urethane	
4	1/8	KQ2V04-U01	8	10.4	13.4	22	13.5	25.5	20.5	16		2.9	2.9	12
6	1/8	KQ2V06-U01	8	12.8	13.4	24	13.5	25.5	20.5	17		7.5	7.5	13
	1/4	KQ2V06-U02	10		15.4	23.5	15.5	28	22				21	
8	1/8	KQ2V08-U01	12	15.2	17.6	28.5	14.5	27.5	22.5	18.5		11.2	24	22
	1/4	KQ2V08-U02					16.5	29.5	16.5			30	25	
	3/8	KQ2V08-U03	14		20.6	27.5	18.5	34	28			14.3	47	36
10	1/4	KQ2V10-U02	14	18.5	20.6	31	18.5	34	28	21	27	20.3	35	
	3/8	KQ2V10-U03											38	
12	3/8	KQ2V12-U03	17	20.9	25.2	34	20	36.5	30.5	22	39	30.8	52	
	1/2	KQ2V12-U04											22.5	39.5

* Reference dimensions after Uni thread installation.

Note) $\phi D1$: Max. diameter

