

How to Order

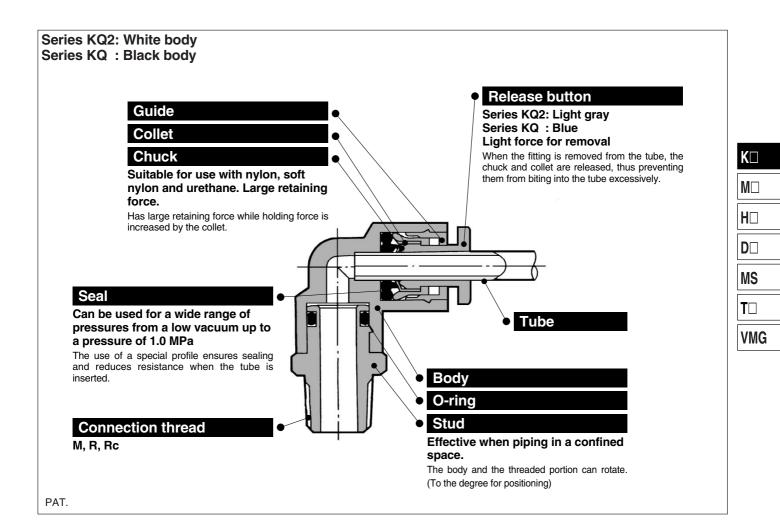


the gasket for M5 and M6 threads. Gasket for M5 thread: M-5G2 Gasket for M6 thread: M-6G

* Available only for white color body.

Note) KQT06-04, KQT08-06, KQT10-08, and

KQT12-10 are available as made to order.



One-touch IN/OUT connection. Applicable Tubing Possible to use in vacuum to -100 kPa

Tubing material	Nylon, Soft nylon, Polyurethane
Tubing O.D.	ø3.2, ø4, ø6, ø8, ø10, ø12, ø16

Applications for metric size tubing

 Applicable tubing material-Nylon, Soft nylon, Polyurethane



Product's Color

Series	Body	Release button
Series KQ2	White	Light gray
Series KQ	Black	Blue

Specifications

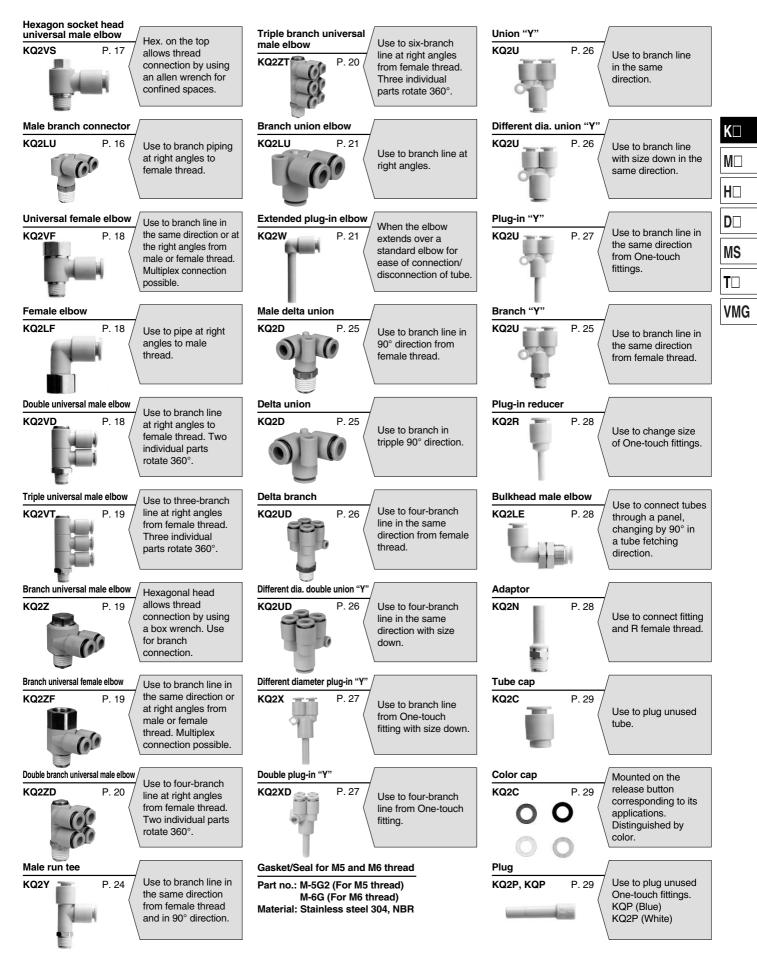
Fluid		Air/Water Note)					
Maximum operating	pressure	1.0 MPa					
Operating vacuum p	ressure	–100 kPa					
Proof pressure		3.0 MPa					
Ambient and fluid ter	nperature	-5 to 60°C, Water: 0 to 40°C (No freezing)					
Thread	Mounting section	JIS B 0203 (Taper thread for piping) JIS B 0209 Class 2 (Metric coarse thread)					
	Nut section	JIS B 0211 Class 2 (Metric fine thread)					
Seal (Thread portion)	With seal or none					
Note) Applicable for general industrial water. Please consult with SMC if using for other kinds of fluid. Also, the surge pressure must be under the maximum operating pressure.							

Principal Parts Material

Body	C3604BD, PBT, PP
Stud	C3604BD (Thread portion)
Chuck	Stainless steel 304
Guide	Stainless steel 304, C3604BD, POM
Collet, Release button	POM
Seal, O-ring	NBR
Gasket	Stainless steel 304, NBR

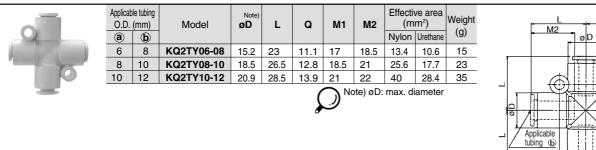


One-touch Fittings Series KQ2



Series KQ2

Different Diameter Cross: KQ2TY



Male Run Tee: KQ2Y





<M6>

<R>



KG	22 Y														
	Applicable			H (width	(1)								e area (2)	Weight	<m5, m6=""></m5,>
	tubing O.D.	thread	Model	across	øD1	øD2	L1	L2	L3	A *	M	(mi	<u>, </u>	(ന)	•
	(mm)	R		flats)								Nylon	Urethane		2-applicable
		M5 x 0.8	KQ2Y23-M5	7	8.4		15.4	13.2	14.8	24.9	12.7	3.2	2.7	3.2	øD tubing
	3.2	1⁄8	KQ2Y23-01S	10	9.6	10	17.5	21.5		35	15.5	3.4	2.9	10	
		1/4	KQ2Y23-02S	14	9.0	10	17.5	25.5		37	15.5	5.4	2.5	20	M N
		M5 x 0.8	KQ2Y04-M5	7	9.3	—	15.6	13.7	14.8	25.4	12.7	4.5	4.5	3.5	
	4	M6 x 1.0	KQ2Y04-M6	8				14.7	14.0	20.4			7.0	5 6	┦┦ <mark>┝╪╼╪╼╪</mark> ┥ │ ╿
	-	1⁄8	KQ2Y04-01S	10	10.4	10	18	22		36	16	6.4	4.4	13	
		1/4	KQ2Y04-02S	14				26		38		0.4		19	L 2
		M5 x 0.8	KQ2Y06-M5	7	11.6	—	17.1	14.7	17.1	28.7	13.5	4.5	4.5	4.5	
		M6 x 1.0	KQ2Y06-M6	8	11.0			15.7		20.7	10.0			7	
	6	1⁄8	KQ2Y06-01S	10				23		39				12	
		1/4	KQ2Y06-02S	14	12.8	10	20	27	—	41	17	13.4	10.6	10.6 20	
		3⁄8	KQ2Y06-03S	17				29		42.5				34	
		1⁄8	KQ2Y08-01S	12				24.5		43.5				14	
	8	1/4	KQ2Y08-02S	14	15.2	12	23	28.5		45.5	18.5	25.6 17	17.7	22	\\н
		3⁄8	KQ2Y08-03S	17				30.5		47				36	Connection
		1⁄8	KQ2Y10-01S					27		49.5				31	thread
	10	1/4	KQ2Y10-02S	17	18.5	17	26.5	30		50.5	21	40.0	28.4	29	<r></r>
	10	3⁄8	KQ2Y10-03S					32		52				39	2-applicable
		1/2	KQ2Y10-04S	22				36		54.5				66	tubing
		1⁄4	KQ2Y12-02S	17				31		53.5				31	
	12	3⁄8	KQ2Y12-03S		20.9	17	28.5	33	—	55	22	57.4	45.4	41	øD1
		1/2	KQ2Y12-04S	22				37		57.5				68	
	16	3⁄8	KQ2Y16-03S	22	26 5	20.0	34	38		65.5	25	81	(81)		
		1/2	KQ2Y16-04S	22	26.5	20.9		41		67	25	113	(113)		
						\cap	1	ference				threa	d insta	llation.	
	Note 1) øD: Max. diameter Note 2) (): Values for soft nylon														
						5	Note	2) (): '	Values	for so	ft nylor	۱			
															Connection

Ы Connection thread (With seal)

M1

Q à Ø \cap

e8 <u></u> 3-applicable tubing@