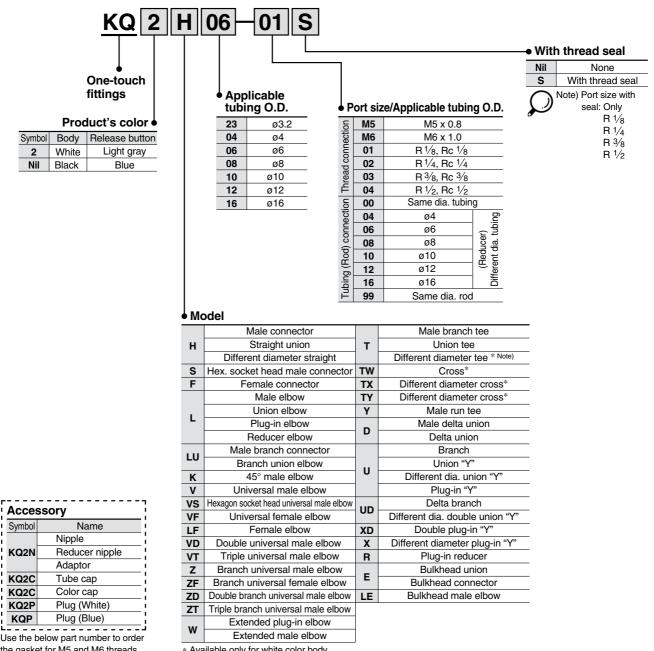


How to Order

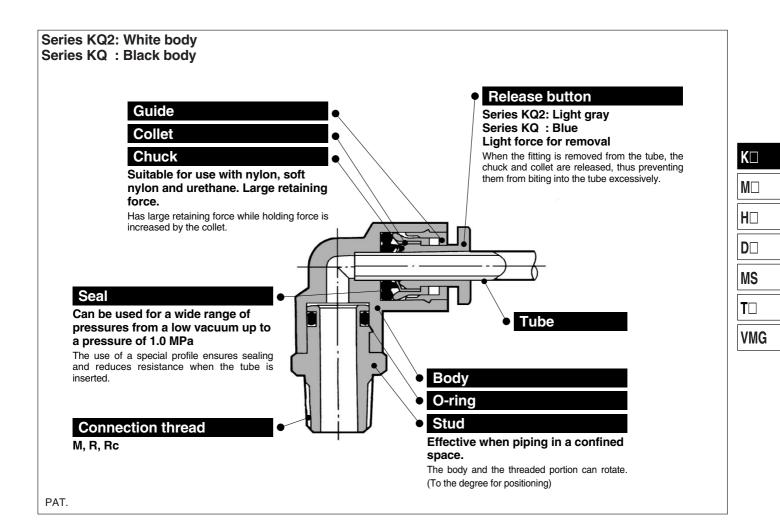


the gasket for M5 and M6 threads. Gasket for M5 thread: M-5G2 Gasket for M6 thread: M-6G

* 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

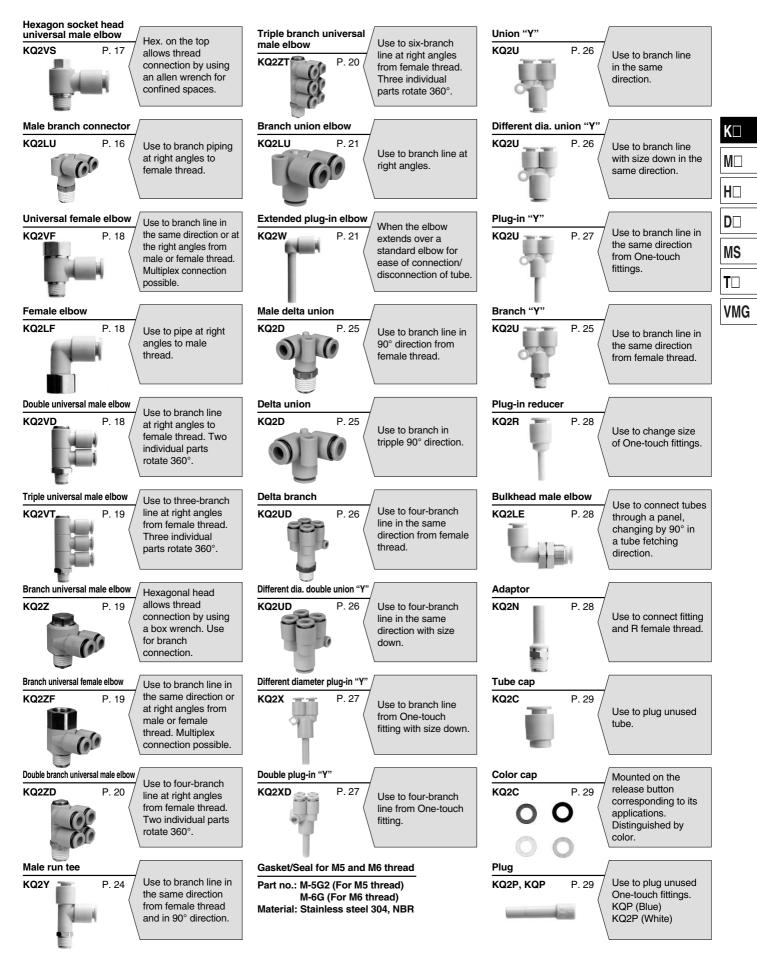
Fluid		Air/Water Note)							
Maximum operating	pressure	1.0 MPa							
Operating vacuum p	ressure	–100 kPa							
Proof pressure		3.0 MPa							
Ambient and fluid ter	nperature	-5 to 60°C, Water: 0 to 40°C (No freezing)							
Thread	Mounting section	JIS B 0203 (Taper thread for piping) JIS B 0209 Class 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

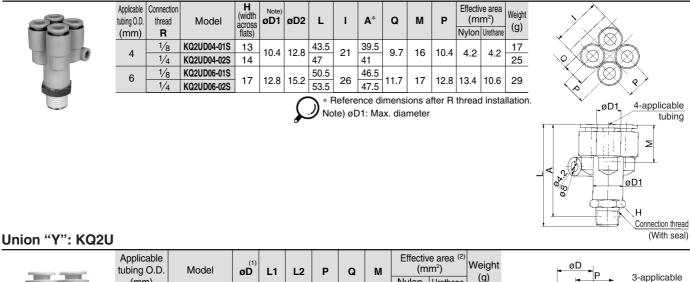


One-touch Fittings Series KQ2



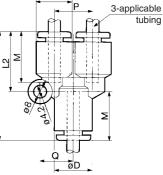
Series KQ2

Delta Branch: KQ2UD



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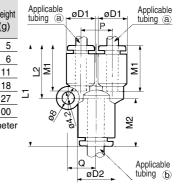
Applicable tubing O.D.	Model	ø D	L1	L2	Р	Q	м	Effectiv (m	Weight		
(mm)								Nylon	Urethane	(g)	
3.2	KQ2U23-00	9.6	33	17.5	9.6	9	15.5	3.4	2.9	5	
4	KQ2U04-00	10.4	34	18	10.4	9.7	16	4.2	4.2	7	
6	KQ2U06-00	12.8	37	20	12.8	11.7	17	13.4	10.6	9	
8	KQ2U08-00	15.2	42.5	24.5	15.2	13.7	18.5	25.6	17.7	11	
10	KQ2U10-00	18.5	48	27.5	18.5	16.1	21	40	28.4	16	
12	KQ2U12-00	20.9	51	30	20.9	18.1	22	57.4	45.4	23	
16	KQ2U16-00	26.5	61.5	36.5	26.5	23	25	113	(96)	54	
Note 1) ØD: Max. diameter Note 2) (): Values for soft nylon.											



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Different Diameter Union "Y": KQ2U

Applicable tubing O.D. (mm)		Model	Note) Ø D1	Note) ØD2	L1	L2	Р	Q	M1	M2	Effectiv (m	/e area m²)	Weigh
a	b										Nylon	Urethane	(g)
3.2	4	KQ2U23-04	9.6	10.4	33.5	17.5	9.6	9	15.5	16	3.2	2.7	5
4	6	KQ2U04-06	10.4	12.8	35	18	10.4	9.7	16	17	4.2	4.2	6
6	8	KQ2U06-08	12.8	15.2	39.5	20	12.8	11.7	17	18.5	13.4	10.6	11
8	10	KQ2U08-10	15.2	18.5	45	24.5	15.2	13.7	18.5	21	25.6	17.7	18
10	12	KQ2U10-12	18.5	20.9	49	27.5	18.5	16.1	21	22	40	28.4	27
12	16	KQ2U12-16	26.5	26.5	66.5	41.5	26.5	23	22	25	57.4	45.4	100
								\mathcal{O}	Note)	øD1, ø	øD2: N	lax. dia	amete



Different Diameter Double Union "Y": KQ2UD



O.D. (mm)		O.D. (mm)		Model				L2	Р	I	Q	М1	M2	(m	m²)	weight
(a)	b											Nylon	Urethane	(9)		
4	6	KQ2UD04-06	10.4	12.8	35.5	18.2	10.4	21	9.7	16	17	4.2	4.2	10		
6	8	KQ2UD06-08	12.8	15.2	40.5	20.3	12.8	26	11.7	17	18.5	13.4	10.6	17		
								\bigcirc) ^{Note}	e) øD	1,øD	2: Ma	x. dia	meter		
	Applicab O.D. (a) 4	Applicable tubing O.D. (mm) (a) (b) 4 6	Applicable tubing O.D. (mm) Model (a) (b) 4 6 KQ2UD04-06	Applicable tubing O.D. (mm) Model Note) ØD1 (a) (b) 4 6 KQ2UD04-06 10.4	Applicable tubing 0.D. (mm) Model Note) ØD1 Note) ØD2 (a) (b) <td>Applicable tubing 0.D. (mm) Model Note) Note) D L1 (a) (b) (b) (c) (c)</td> <td>Applicable tubing O.D. (mm) Model Note) ØD1 Note) ØD2 L1 L2 (a) (b)</td> <td>Applicable tubing O.D. (mm) Model Note) ØD1 Note) ØD2 L1 L2 P (a) (b) KQ2UD04-06 10.4 12.8 35.5 18.2 10.4</td> <td>Applicable tubing 0.D. (mm) Model Note ØD1 Note ØD2 L1 L2 P I (a) (b) </td> <td>Applicable tubing O.D. (mm) Model Note ØD1 Note ØD2 L1 L2 P I Q (a) (b) (b) (c) (c</td> <td>Applicable tubing O.D. (mm) Model Note) ØD1 Note) ØD2 L1 L2 P I Q M1 (a) (b) (b) (c) (</td> <td>Applicable tubing O.D. (mm) Model Note ØD1 Note ØD2 L1 L2 P I Q M1 M2 (a) (b) (b) (c) (c)<</td> <td>Applicable tubing O.D. (mm) Model Note) ØD1 Note) ØD2 L1 L2 P I Q M1 M2 Effectiv (m) (a) (b) (b) (c) (c)</td> <td>Applicable tubing 0.D. (mm) Model Note) ØD1 Note) ØD2 L1 L2 P I Q M1 M22 Effective area (mm²) (a) (b) (b) 12.8 35.5 18.2 10.4 21 9.7 16 17 4.2 4.2</td>	Applicable tubing 0.D. (mm) Model Note) Note) D L1 (a) (b) (b) (c) (c)	Applicable tubing O.D. (mm) Model Note) ØD1 Note) ØD2 L1 L2 (a) (b)	Applicable tubing O.D. (mm) Model Note) ØD1 Note) ØD2 L1 L2 P (a) (b) KQ2UD04-06 10.4 12.8 35.5 18.2 10.4	Applicable tubing 0.D. (mm) Model Note ØD1 Note ØD2 L1 L2 P I (a) (b)	Applicable tubing O.D. (mm) Model Note ØD1 Note ØD2 L1 L2 P I Q (a) (b) (b) (c) (c	Applicable tubing O.D. (mm) Model Note) ØD1 Note) ØD2 L1 L2 P I Q M1 (a) (b) (b) (c) (Applicable tubing O.D. (mm) Model Note ØD1 Note ØD2 L1 L2 P I Q M1 M2 (a) (b) (b) (c) (c)<	Applicable tubing O.D. (mm) Model Note) ØD1 Note) ØD2 L1 L2 P I Q M1 M2 Effectiv (m) (a) (b) (b) (c) (c)	Applicable tubing 0.D. (mm) Model Note) ØD1 Note) ØD2 L1 L2 P I Q M1 M22 Effective area (mm ²) (a) (b) (b) 12.8 35.5 18.2 10.4 21 9.7 16 17 4.2 4.2		

