

How to Order

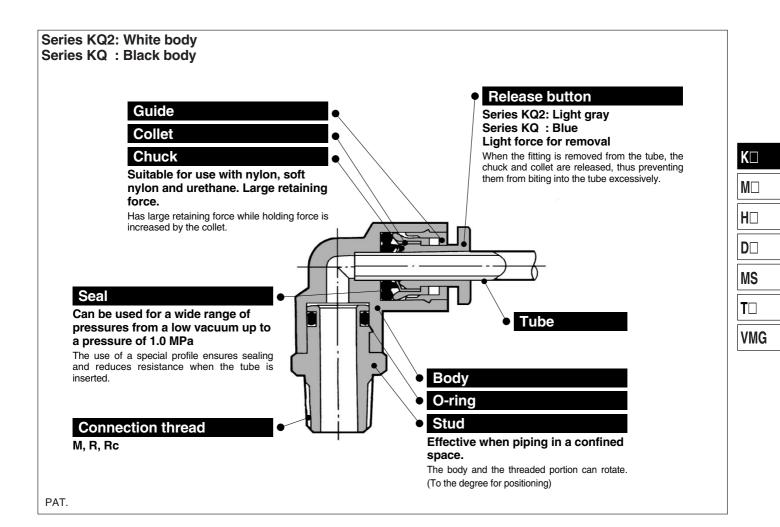


the gasket for M5 and M6 threads. Gasket for M5 thread: M-5G2 Gasket for M6 thread: M-6G

\* 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**

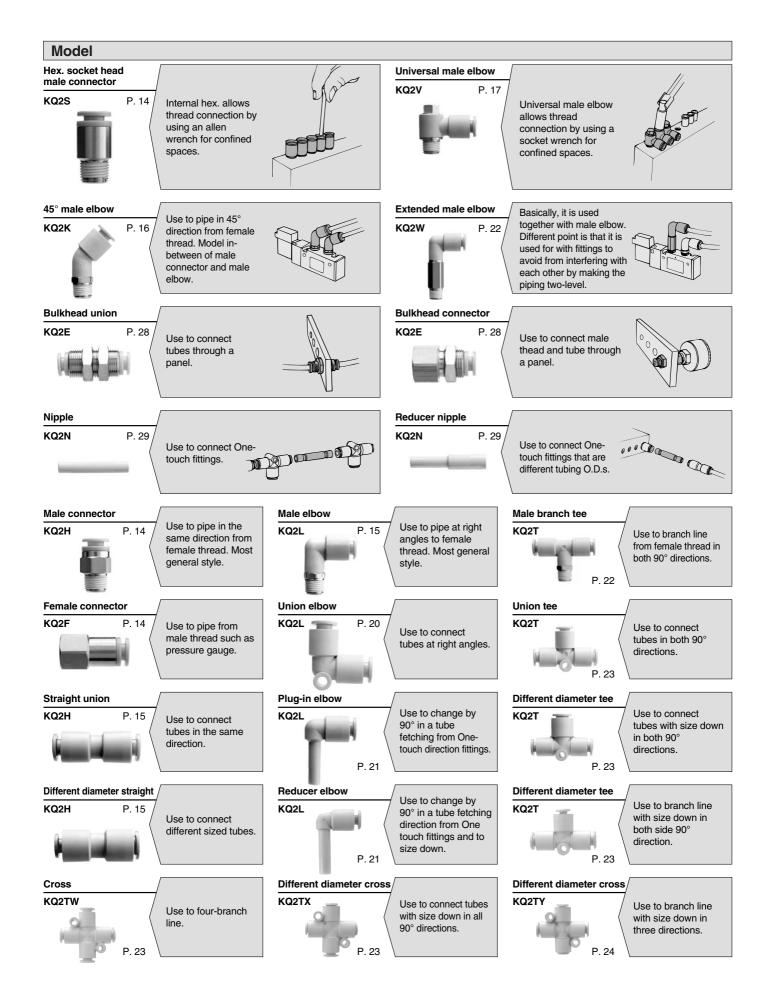
Fluid		Air/Water Note)						
Maximum operating	pressure	1.0 MPa						
Operating vacuum p	ressure	–100 kPa						
Proof pressure		3.0 MPa						
Ambient and fluid ter	nperature	-5 to 60°C, Water: 0 to 40°C (No freezing)						
Thread	Mounting section	JIS B 0203 (Taper thread for piping) JIS B 0209 Class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

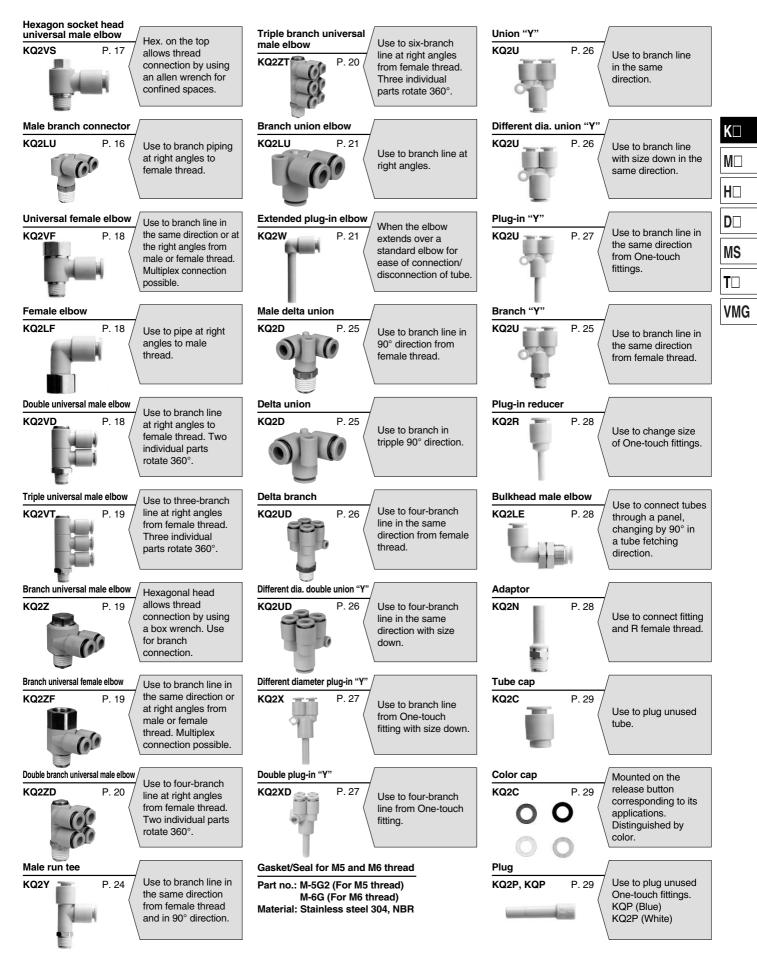


# Series KQ2



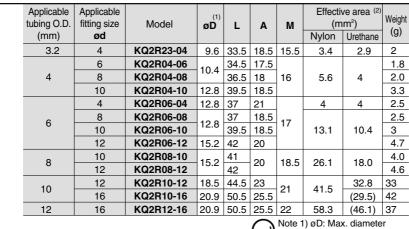


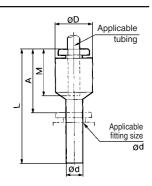
# One-touch Fittings Series KQ2

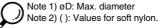


# Series KQ2

### Plug-in Reducer: KQ2R



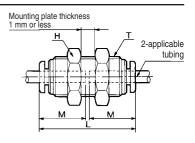




### **Bulkhead Union: KQ2E**

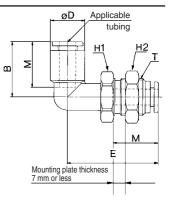


Applicable tubing O.D.	Model	Т (M)	(width across	L	Mounting hole	м	Effective (m	Weight				
(mm)		(111)	flats)		11010		Nylon	Urethane	(g)			
3.2	KQ2E23-00	M12 x 1	14	31.5	13	15.5	3.4	2.9	26			
4	KQ2E04-00	M12 x 1	14	32.5	13	16	5.6	4	26			
6	KQ2E06-00	M14 x 1	17	34.5	15	17	13.1	10.4	33			
8	KQ2E08-00	M16 x 1	19	38	17	18.5	26.1	18.0	52			
10	KQ2E10-00	M20 x 1	24	42.5	21	21	41.5	29.5	70			
12	KQ2E12-00	M22 x 1	27	44	23	22	58.3	46.1	90			
16	KQ2E16-00	M28 x 1.5	32	51	29	25	113	(96)	115			
Note) ( ): Values for soft nylon.												



## Bulkhead Male Elbow: KQ2LE

	Applicable tubing O.D. (mm)	Model	т	H1 (Hex. across flats)	H2 (Hex. across flats)	в	Е	Note) ØD	Mounting hole	М	Effectiv (mi Nylon	n²)	Weight (g)
	4	KQ2LE04-00	M12 x 1	14	14	18.5	31	10.4	13	16	4.2	4.2	18
	6	KQ2LE06-00	M14 x 1	17	17	20.5	34	12.8	15	17	11.4	9.0	25
	8	KQ2LE08-00	M16 x 1	17	19	23.5	38.5	15.2	17	18.5	21.6	14.9	33
	10	KQ2LE10-00	M20 x 1	22	24	26.5	43.5	18.5	21	21	35.2	25.0	63
	12	KQ2LE12-00	M22 x 1	24	27	28.5	45.5	20.9	23	22	50.2	39.7	77
								(	$\mathbb{E}^{\mathbb{N}}$	ote)	øD: Ma	x. diam	neter



### **Bulkhead Connector: KQ2E**

	M	m
-		-461
		-MIL

Applicable tubing O.D. (mm)	Connection thread <b>Rc</b>	Model	т (М)	H1 (Hex. across flats)	H2 (Hex. across flats)	L1	L2	Mounting hole	м		area <sup>Note)</sup> m²) Urethane	Weight (g)	
3.2	1/4	KQ2E23-02	M12 x 1	17	14	31.5	15	13	15.5	3.4	2.9	13	
4	1⁄8	KQ2E04-01	M12 x 1	v <b>1</b> 14	14	14	27.5	11	13	16	FC	4	16
4	1/4	KQ2E04-02		17	14	31	15	13	10	5.6	4	35	
	1⁄8	KQ2E06-01	M14 x 1	17		28	11			13.1	10.4	25	
6	1⁄4	KQ2E06-02		17	17	31.5	15	15	17			40	
	3⁄8	KQ2E06-03		19		33.5	17					29	
	1⁄8	KQ2E08-01	M16 x 1	17		27.5	7.5		18.5	26.1	18.0	28	
8	1⁄4	KQ2E08-02			19	33	13	17				27	
	3⁄8	KQ2E08-03		19		35	15					48	
10	1⁄4	KQ2E10-02	M20 x 1	22	- 24	34.5	12.5	01	1 21	41.5	29.5	53	
10	3⁄8	KQ2E10-03		22	24	36.5	15	21				67	
12	3⁄8	KQ2E12-03	M22 x 1	24	27	37	14	23	22	58.3	46.1	92	
12	1/2	KQ2E12-04		24	21	41	18	23				59	
16	3⁄8	KQ2E16-03	M28 x 1.5	20	32	40	14	29	05	96	(00)	127	
16	1/2	KQ2E16-04	IVIZO X 1.5	x 1.5 30	32	44	18	29	25	113	(96)	132	
							(	) <sup>Nd</sup>	ote) (	): Value	s for soft	nylon.	

**SMC** 

