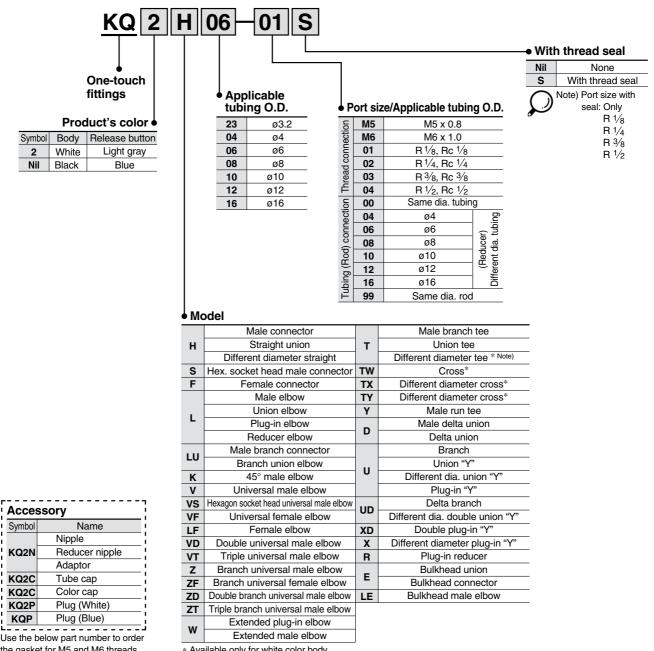


How to Order

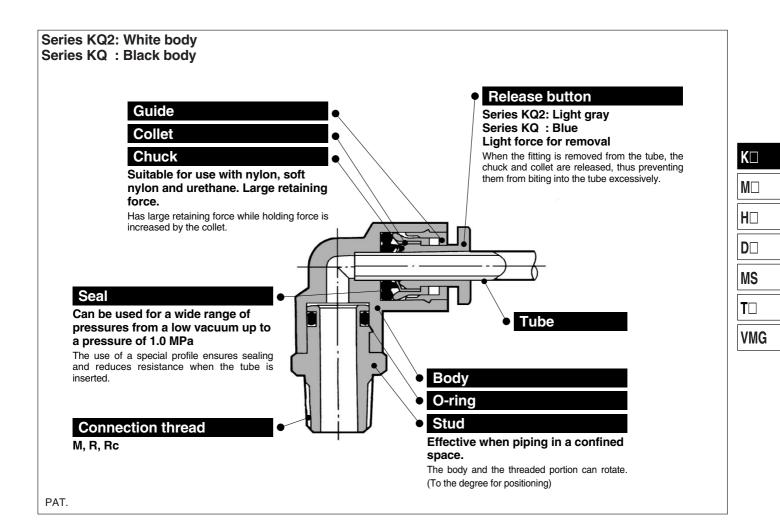


the gasket for M5 and M6 threads. Gasket for M5 thread: M-5G2 Gasket for M6 thread: M-6G

* 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

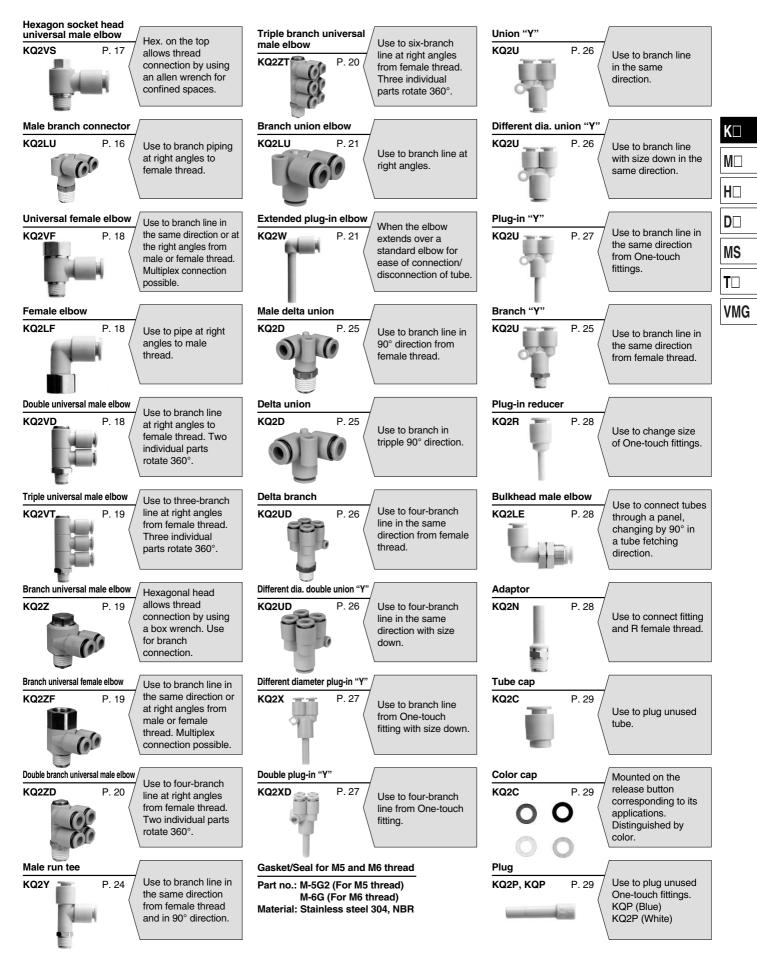
Fluid		Air/Water Note)					
Maximum operating	pressure	1.0 MPa					
Operating vacuum p	ressure	–100 kPa					
Proof pressure		3.0 MPa					
Ambient and fluid ter	nperature	-5 to 60°C, Water: 0 to 40°C (No freezing)					
Thread	Mounting section	JIS B 0203 (Taper thread for piping) JIS B 0209 Class 2 (Metric 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

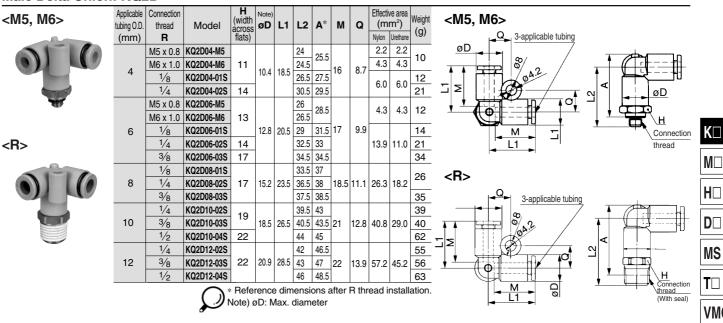
Body	C3604BD, PBT, PP
Stud	C3604BD (Thread portion)
Chuck	Stainless steel 304
Guide	Stainless steel 304, C3604BD, POM
Collet, Release button	POM
Seal, O-ring	NBR
Gasket	Stainless steel 304, NBR



One-touch Fittings Series KQ2

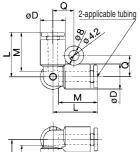






Delta Union: KQ2D

al-IG	Applicable tubing O.D.	Model	Note) ØD	L	Q	м	Effective area (mm²)		Weight	
	(mm)						Nylon	Urethane	(g)	+ +
	4	KQ2D04-00	10.4	18.5	8.7	16	6.0	4.1	5	_
	6	KQ2D06-00	12.8	20.5	9.9	17	13.9	11.0	7	Σ∟
	8	KQ2D08-00	15.2	23.5	11.1	18.5	26.3	18.2	11	
	10	KQ2D10-00	18.5	26.5	12.8	21	40.8	29.0	19	
	12	KQ2D12-00	20.9	28.5	13.9	22	57.2	45.2	24	
						\mathcal{Q}) ^{Note) ø}	D: Max.	diameter	



VMG

Branch "Y": KQ2U

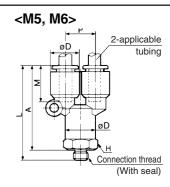
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<M5, M6>

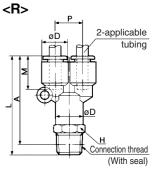
<**R**>



Applicable tubing O.D.	Connection thread	Model	H (width across	ø D (1)	L	Р	A *	м		e area ⁽²⁾ m²)	Weight
(mm)	R		flats)						Nylon	Urethane	(g)
	M5 x 0.8	KQ2U23-M5	10		38		34.5		2.2	2.2	9
3.2	1⁄8	KQ2U23-01S	11	9.6	41	9.6	37	15.5	3.4	2.9	14
	1/4	KQ2U23-02S	14		44		38				14
	M5 x 0.8	KQ2U04-M5			39.5	10.4	36	16	2.2	2.2	4
4	M6 x 1.0	KQ2U04-M6	11	10.4	40		30				10
4	1⁄8	KQ2U04-01S		4	42		38		4.2	4.2	11
	1/4	KQ2U04-02S	14		46		40				20
	M5 x 0.8	KQ2U06-M5	13	12.8	42.5	12.8	39	17	2.2 13.4	2.2 10.6	12
6	M6 x 1.0	KQ2U06-M6			43		39				12
	1⁄8	KQ2U06-01S			45.5		41.5				11
	1/4	KQ2U06-02S	14		49		43				21
	3⁄8	KQ2U06-03S	17		51		44.5				34
	1⁄8	KQ2U08-01S			52.5	15.2	48.5	18.5	25.6	17.7	15
8	1/4	KQ2U08-02S	17	15.2	55.5		49.5				23
	³ ⁄8	KQ2U08-03S			56.5		50				35
	1/4	KQ2U10-02S	19		61		55				30
10	³ ⁄8	KQ2U10-03S	19	18.5	62	18.5	55.5	21	40	28.4	40
	1/2	KQ2U10-04S	22		65		57				65
	1/4	KQ2U12-02S			64.5		58.5		57.4	45.4	32
12	3⁄8	KQ2U12-03S	22	2 20.9	65.5	20.9	59	22			40
	1/2	KQ2U12-04S			68.5		60.5				65
16	3⁄8	KQ2U16-03S	07	00.5	76	76 79 26.5	69.5		81	(81)	106
16	1/2	KQ2U16-04S	27	26.5	79		71	25	113	(96)	111
* Reference dimensions after R thread installation.											



øD



Note 2) (): Values for soft nylon