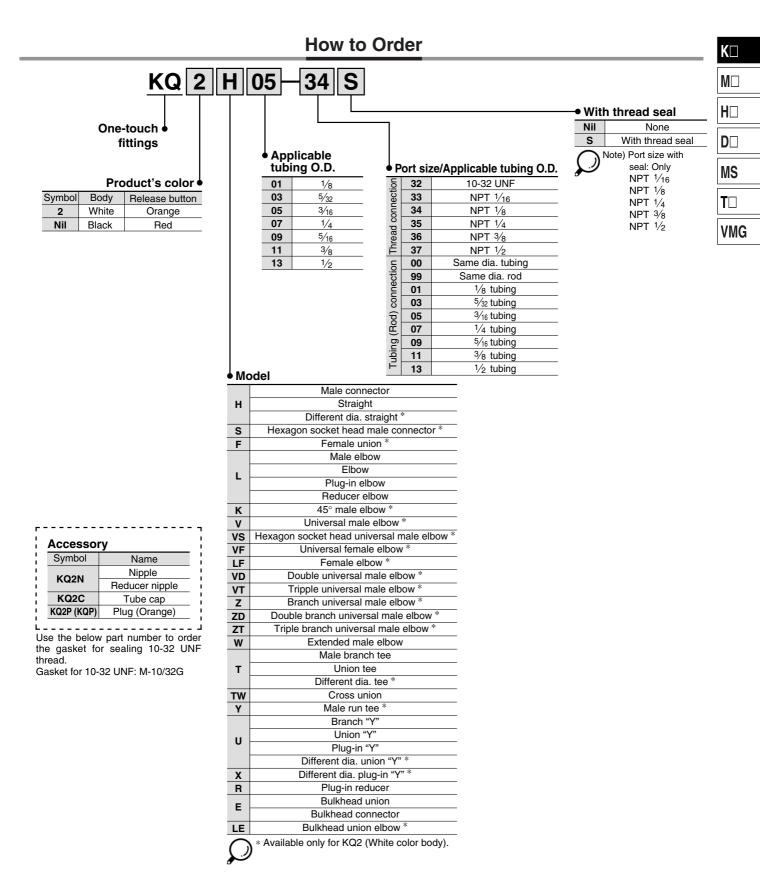
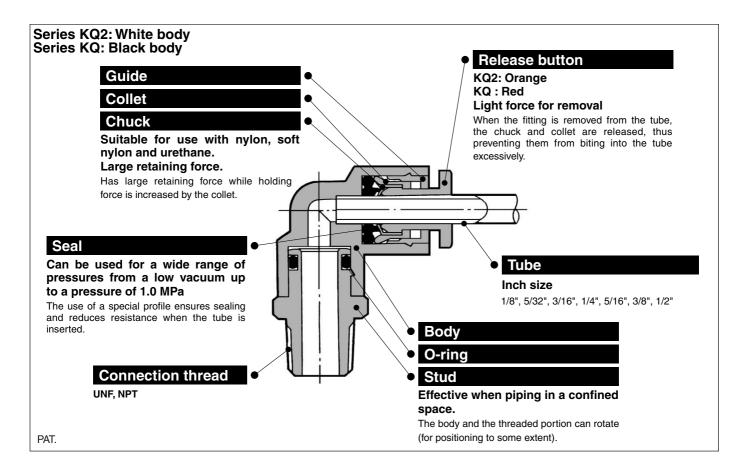
Inch-size One-touch Fittings Series KQ2 Applicable Tubing: Inch Size Connection Thread: UNF, NPT







Product's Color

Series	Body	Release button
Series KQ2	White	Orange
Series KQ	Black	Red

Applicable Tubing

Tubing material	Nylon, Soft nylon, Polyurethane
Tubing O.D. (inch)	ø1/8, ø5/32, ø3/16, ø1/4, ø5/16, ø3/8, ø1/2

Specifications

Fluid		Air/Water Note)					
Maximum operating p	oressure	1.0 MPa					
Operating vacuum pr	essure	–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	ANSI/ASMEB1.20.1-1983 (NTP thread) JIS B 0212 2A, Class 2B (UNF thread)					
	Nut section	JIS B 0212 2A, Class 2B (UNF thread)					
Seal (Thread portion))	With thread seal					
Note) Applicable for	apporal industrial wate	r Please consult with SMC if using for other kinds					

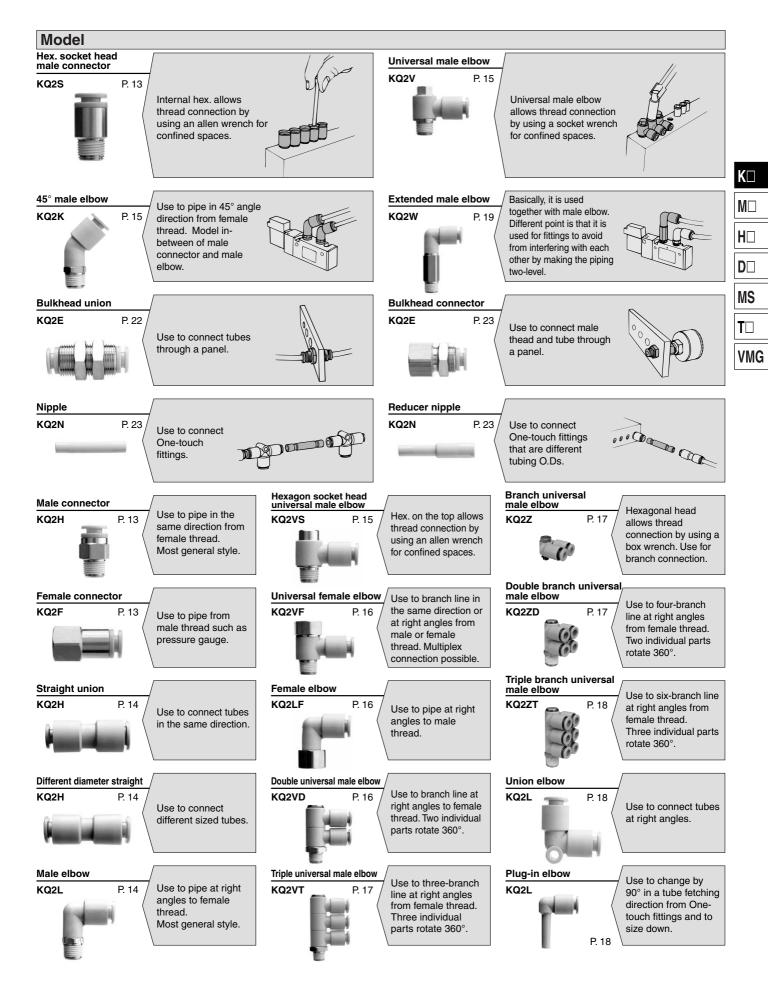
Note) Applicable for general industrial water. Please consult with SMC if using for other kinds of fluid.

Also, the surge pressure must be under the maximum operatin g pressure.

Principal Parts Material

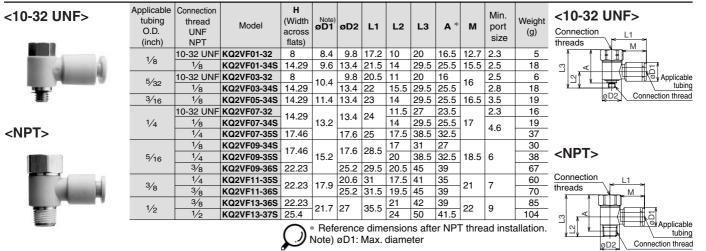
Body	C3604BD, PBT, PP
Stud	C3604BD (Thread portion)
Chuck	Stainless steel 304
Guide	Stainless steel 304, C3604BD, POM
Collet	POM
Release button	POM
Seal, O-ring	NBR
Gasket	Stainless steel 304, NBR

Inch-size One-touch Fittings Series KQ2



Series KQ2

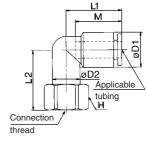
Universal Female Elbow: KQ2VF



Female Elbow: KQ2LF



Applicable tubing O.D. (inch)	Connection thread UNF NPT	Model	H (Width across flats)	Note) øD1	øD2	L1	L2	М	Min. port size	Weight (g)
1⁄8	1⁄8	KQ2LF01-34	14.29	9.6	10	17.5	20	15.5	2.5	12
1/8	1/4	KQ2LF01-35	17.46	3.0	10	17.5	23.5	15.5	2.5	20
5/32	1⁄8	KQ2LF03-34	14.29	10.4	10	18	20.5	16	3	12
9/32	1/4	KQ2LF03-35	17.46	10.4		10	24	10	5	20
	1⁄8	KQ2LF07-34	14.29				22			13
1⁄4	1⁄4	KQ2LF07-35	17.46	13.2	10	20.5	25.5	17	4.6	21
	3⁄8	KQ2LF07-36	22.23				26			33
	1⁄4	KQ2LF11-35	17.46				27.5			28
3⁄8	3⁄8	KQ2LF11-36	22.23	17.9	17	25.5	28	21	7	40
	1/2	KQ2LF11-37	23.81				32			45
17	3⁄8	KQ2LF13-36	22.23	21.7	17	28	30	22	9.6	44
1/2	1/2	KQ2LF13-37	23.81	21.7	17	20	34	22	9.0	49
* Reference dimensions after NPT thread installation. Note) øD1: Max. diameter										allation.



Double Universal Male Elbow: KQ2VD

<10-32 UNF>	Applicable tubing O.D. (inch)	Connection thread UNF NPT	Model	H (Width across flats)	Note) øD1	øD2	L1	L2	L3	A *	м	Min. port size	Weight (g)	<10-32 UNF>
	1/8		KQ2VD01-32	8	8.4	9.8		10	20	16.5	12.7	2.3	5	
-	-		KQ2VD01-34S KQ2VD03-32	14.29 8	9.6	-	21.5 20.5	14 11	29.5 20	25.5 16	15.5	2.5 2.5	18 6	
	5/32		KQ2VD03-34S	14.29 10.4	13.4		15.5		25.5	16	2.8	18		
-	3⁄16	1⁄8	KQ2VD05-34S	14.29	11.4	13.4	23	14	29.5	25.5	16.5	3.5	19	
NOT	1/4 5/16		KQ2VD07-32	17.46 17.46 15.2			/4 ⊢	11.5		23.5	17	2.3	16	
<npt></npt>			KQ2VD07-34S		13.2			14		25.5		4.6	19	
			KQ2VD07-35S			17.6	25		38.5			37	Connection thread	
			KQ2VD09-34S		15.0	17.6	8 28.5	17 20		27	10 5	<i>c</i>	30	<npt></npt>
			KQ2VD09-35S KQ2VD09-36S		25.2		20.5		32.5 39	18.5 6	0	67	Applicable tubing	
	3⁄8		KQ2VD11-35S	22 23 17 9	17.0	20.6 31			35	21 7	-	60	L1 L1	
Value of		3/8	KQ2VD11-36S		25.2	31.5	19.5	45	39		1	70		
	1/2		KQ2VD13-36S		21.7	27	35.5	21	42	39	22	9	85	
	, =	1/2	KQ2VD13-37S	-	25.4			24 50		41.5			104	
					* Refe Note)					er NPT	「 threa	ad inst	allation.	
														Connection thread

SMC