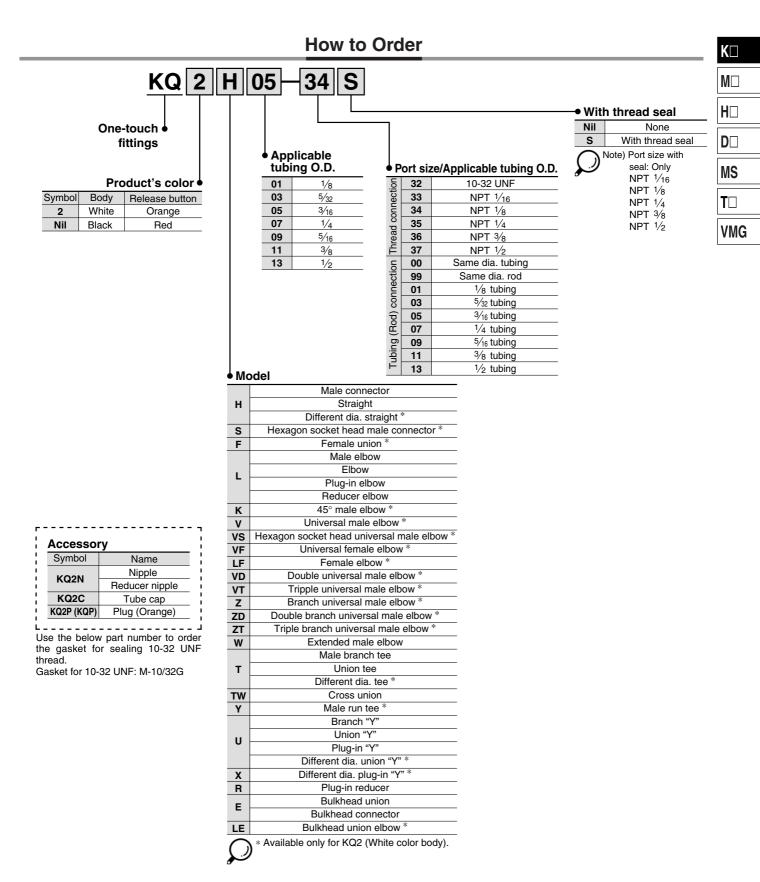
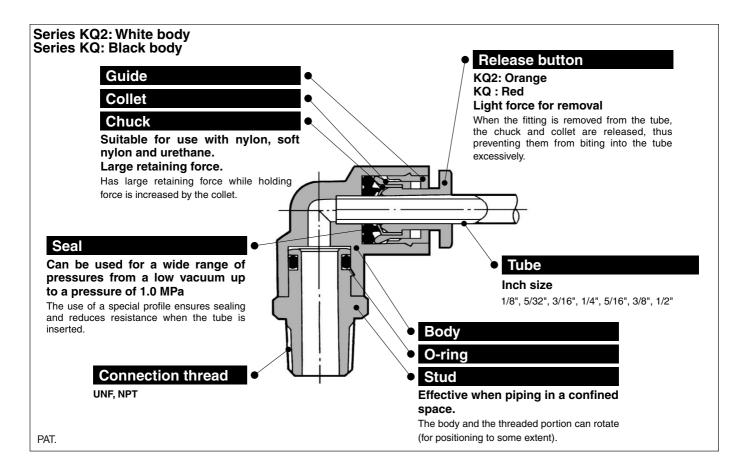
# Inch-size One-touch Fittings Series KQ2 Applicable Tubing: Inch Size Connection Thread: UNF, NPT







#### **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

# Series KQ2

Reducer elbow KQ2L P. 18 Use to chan 90° in tube f direction from touch fittings size down.	m One-	Use to branch line in the same direction from female thread and in 90° direction.	Different diameter plug-in "Y" KQ2X P. 22 P. 22 Use to four-branch line from One-touch fitting with size down.
Male branch tee	Branch "Y"		Plug-in reducer
KQ2T Use to brand from female both 90° dire	thread in	Use to branch line in the same direction from female thread.	KQ2R P. 22 Use to change size of One-touch fittings.
Union tee	Union "Y"		Bulkhead male elbow
KQ2T Use to conne in both 90° d P. 19	The second se	Use to branch line in the same direction.	KQ2LE P. 22 Ose to connect tubes through a panel, changing by 90° in a tube fetching direction.
Different diameter tee	Different dia. union "	Y"	Tube cap
KQ2T Use to conn with size dou both 90° dire	wn in	Use to branch line with size down in the same direction.	KQ2C P. 23 Use to plug unused tube.
Cross	Plug-in "Y"		Plug /
KQ2TW Use to four-t line.	KQ2U P. 21	Use to branch line in the same direction from One-touch fittings.	KQ2P, KQP P. 23 Use to plug unused One-touch fittings. KQP (Orange) KQ2P (Orange)
_	U		Gasket/10-32 UNF seal on thread
			Part no.: M-10/32G

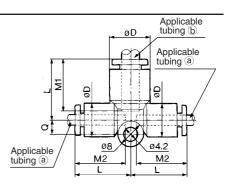
Material: Stainless steel 304, NBR

# Series KQ2

### **Different Diameter Tee: KQ2T**



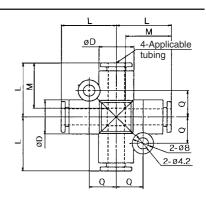
Applicable tubing O.D. (inch)		Model	Note) Ø <b>D</b>	L	Q	M1	M2	Min. port	Weight (g)
<u>a</u>	<u>b</u>	1000704.00	10.4	10	4.5	10		size	
1⁄8	5/32	KQ2T01-03	10.4	18	4.5	16	15.5	2.5	5
<sup>9</sup> 8	1/4	KQ2T01-07	13.2	20.5	5.3	17	10.0	2.5	8
5/32	<sup>3</sup> ⁄16	KQ2T03-05	11.4	19.5	4.8	16.5	16	3	6
9/32	1/4	KQ2T03-07	13.2	20.5	5.3	17	10	3	8
3⁄16	1/4	KQ2T05-07	13.2	20.5	5.3	17	16.5	3.5	8
1/	5⁄16	KQ2T07-09	15.2	23	6	18.5	17	4.6	11
1⁄4	3⁄8	KQ2T07-11	17.9	26	6.6	21	11/	4.0	17
5/16	3⁄8	KQ2T09-11	17.9	26	6.6	21	18.5	6	17
9/16	1/2	KQ2T09-13	21.7	29	7.8	22	10.5	0	26
3⁄8	1/2	KQ2T11-13	21.7	29	7.8	22	21	7	28
				Ş	$\mathbb{P}^{\mathbb{N}}$	ote) ø	D: Ma	ax. dia	ameter



## Cross: KQ2TW



Applicable tubing O.D. (inch)	Model	øD	L	Q	м	Min. port size	Weight (g)
5/32	KQ2TW03-00	10.4	18	8.7	16	3	6
1⁄4	KQ2TW07-00	13.2	20.5	10.1	17	4.6	10
<sup>5</sup> ⁄16	KQ2TW09-00	15.2	23	11.1	18.5	6	14
<sup>3</sup> ⁄8	KQ2TW11-00	17.9	26	12.5	21	7	25
1/2	KQ2TW13-00	21.7	29	14.4	22	9.6	36
			۶.	Note	e) øD: l	Max. di	ameter



## Male Run Tee: KQ2Y

viale Run Tee: I	(Q2Y												
	Applicable tubing O.D. (inch)	Connection thread NPT	Model	H (Width across flats)	Note) øD1	øD2	L1	L2	<b>A</b> *	М	Min. port size	Weight (g)	
	1/8	1/ <sub>16</sub> 1/8	KQ2Y01-33S KQ2Y01-34S	11.11	9.6	10	17.5	21.5	35	15.5	2.5	5 10	
	78	1/4	KQ2Y01-345	14.29			17.5	25.5	37	15.5	2.5	20	
		1/16	KQ2Y03-33S									10	
	5/32	1/8	KQ2Y03-34S	11.11	10.4	10	18	22	36	16	3	11	<u>⊨ L1</u>
and the second sec	7.02	1/4	KQ2Y03-35S	14.29		-		26	38			20	rg l
	3/16	1⁄8	KQ2Y05-34S	11.11	11.4	10	19.5	22.5	38	16.5 3	3.5	12	
	9/16	1⁄4	KQ2Y05-35S	14.29				26.5	40		3.5	21	∠ ∑ ØD1 2-Applicable tubing
	1/4	1⁄8	KQ2Y07-34S	11.11	13.2	10	20.5	23.5		17	4.6	11	
A CONTRACTOR OF THE OWNER OWNE		1/4	KQ2Y07-35S	14.29								21	
and the second se		3/8	KQ2Y07-36S	17.46				29.5				34	
and the second se	E /	1/8	KQ2Y09-34S	12.7	150	10		24.5		1050		15	
	5⁄ <sub>16</sub>	1/4 3/8	KQ2Y09-35S KQ2Y09-36S	14.29 17.46	15.2	12		28.5 30.5		18.5	6	23 35	
		9/8 1/4	KQ2Y11-35S					29.5				29	Connection thread
	3/8	3/8	KQ2Y11-36S	17.46	17.9	17	25.5	31.5		21	7	38	(with seal)
	, 0	1/2	KQ2Y11-37S	22.23	17.5		20.0	35.5			1	64	(With Oodi)
		1/4	KQ2Y13-35S					31.5			9	34	
	1⁄2	3/8	KQ2Y13-36S	17.46	21.7	17	28	33.5		-	9.6	43	
		1/2	KQ2Y13-37S	22.23				37.5	57		9.6	69	
			(		Refere			ons aft	er NP1	T threa	d insta	allation.	

Note) øD1: Max. diameter

