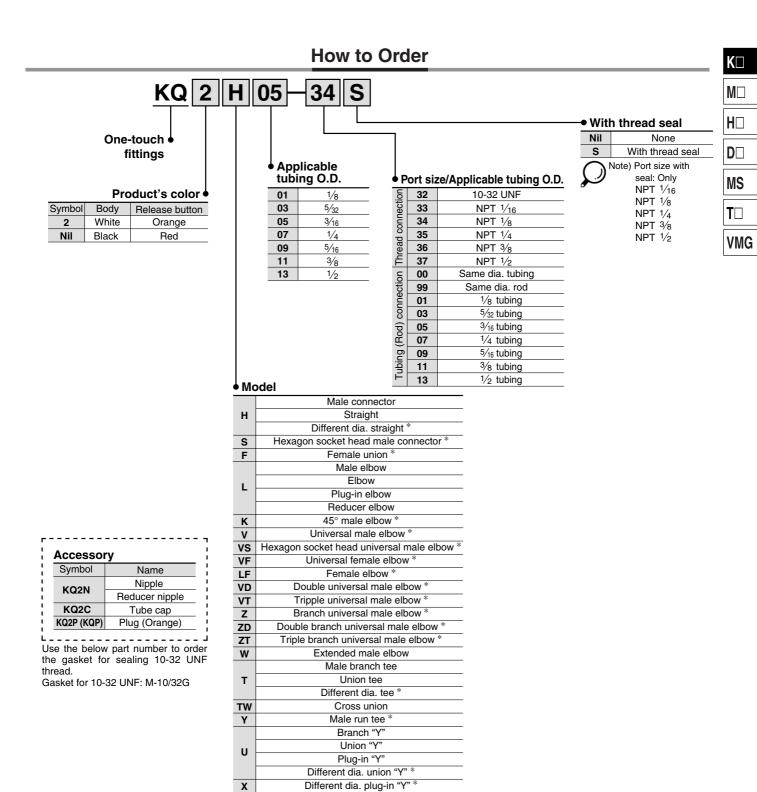
Inch-size One-touch Fittings Series KQ2

Applicable Tubing: Inch Size Connection Thread: UNF, NPT



Plug-in reducer

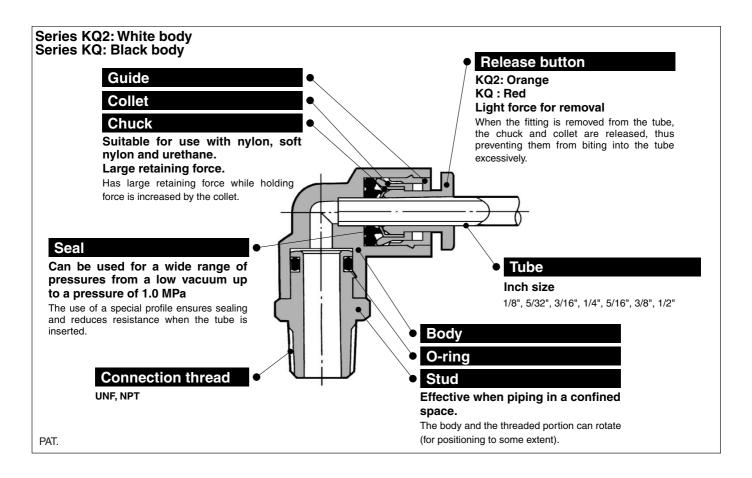
Bulkhead union

Bulkhead connector
Bulkhead union elbow *

* Available only for KQ2 (White color body).

R

Ε





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	pressure	1.0 MPa					
Operating vacuum p	ressure	-100 kPa					
Proof pressure		3.0 MPa					
Ambient and fluid te	mperature	-5 to 60°C, Water: 0 to 40°C (No freezing)					
	Mounting section	ANSI/ASMEB1.20.1-1983 (NTP thread)					
Thread		JIS B 0212 2A, Class 2B (UNF thread)					
	Nut section	JIS B 0212 2A, Class 2B (UNF thread)					
Seal (Thread portion	1)	With thread seal					
Note) Applicable for	gonoral industrial water	r Places concult 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

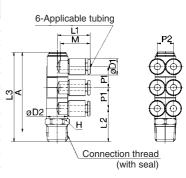


Series KQ2

Triple Branch Universal Male Elbow: KQ2ZT



Applicable tubing O.D. (inch)	Connection thread UNF NPT	Model	H (Width across flats)	Note) Ø D1	øD2	L1	L2	L3	A *	М	P1	P2	Min. port size	Weight (g)
1/8	1/8	KQ2ZT01-34S	14.29	9.6	13.4	20.5	18	54.5	50.5	15.5	13.4	9.6	2.5	34
5/32	1/8	KQ2ZT03-34S	14.29	10.4	13.4	21	18.5	54.5	50.5	16	13.4	10.4	3	34
3/16	1/8	KQ2ZT05-34S	14.29	11.4	13.4	21.5	18	54.5	50.5	16.5	13.4	11.4	3.5	38
	1/8	KQ2ZT07-34S	14.29				18.5	55.5	51.5					40
1/4	1/4	KQ2ZT07-35S		13.2	13.4	21.5	21.5	58.5	52.5	17	13.8	13.2	4.6	46
	3/8	KQ2ZT07-36S	17.46				23.5	60.5	54					59
	1/8	KQ2ZT09-35S	19				24	67	61					70
⁵ /16	1/4	KQ2ZT09-36S	10	15.2	17.6	26	25	68	61.5	18.5	15.9	15.2	6	80
	3/8	KQ2ZT09-37S	22.23				28.5	71.5	63.5					104
	1/4	KQ2ZT11-35S					26	77.5	71.5					116
3/8	3/8	KQ2ZT11-36S	22.23	17.9	20.6	28.5	27	78.5	72	21	19.2	17.9	7	116
		KQ2ZT11-37S					30	81.5	73					132
1/2	3/8	KQ2ZT13-36S	25.4	21.7	27	33	32	89	83	22	22.3	21.7	9.6	213
-/2	1/2	KQ2ZT13-37S	20.4				35	92	84		22.3	21.7	9.6	228

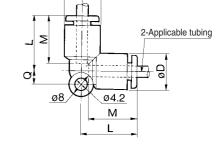


* Reference dimensions after NPT thread installation. Note) øD1: Max. diameter

Union Elbow: KQ2L



Applicable tubing O.D. (inch)	Model	Note) Ø D	L	Q	М	Min. port size	Weight (g)	
1/8	KQ2L01-00	9.6	17.5	4.3	15.5	2.5	3	
5/32	KQ2L03-00	10.4	18	4.5	16	3	4	
3/16	KQ2L05-00	11.4	19.5	4.8	16.5	3.5	5	
1/4	KQ2L07-00	13.2	20.5	5.3	17	4.6	5	
5/16	KQ2L09-00	15.2	23	6	18.5	6	7	
3/8	KQ2L11-00	17.9	26	6.6	21	7	13	
1/2	KQ2L13-00	21.7	29	7.8	22	9.6	18	



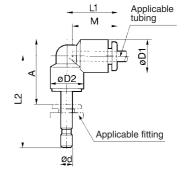
øD

Note) øD: Max. diameter

Plug-in Elbow: KQ2L



Applicable tubing O.D. (inch)	Applicable fitting size ød (inch)	Model	Note) Ø D1	øD2	L1	L2	A	М	Min. port size	Weight (g)	
1/8	1/8	KQ2L01-99	9.6	7	17	24.5	14	15	2.2	3	
5/32	5/32	KQ2L03-99	10.4	8	18	25	14.5	16	2.5	3	
3/16	3/16	KQ2L05-99	11.4	10	19.5	34	23.5	16.5	3.5	7	
1/4	1/4	KQ2L07-99	13.2	10	20	27.5	17.5	17	4.6	8	
5/16	5/16	KQ2L09-99	15.2	12	22.5	31.5	21	18.5	6	6	
3/8	3/8	KQ2L11-99	17.9	13.6	25	35	23	21	7	19	
1/2	1/2	KQ2L13-99	21.7	17	28	44.5	34	22	9.6	27	
Note) and May diameter											



Applicable tubing

Note) øD1: Max. diamete

Reducer Elbow: KQ2L



Applicable tubing O.D. (inch)	Applicable fitting size ød (inch)	Model	Note) ØD1	øD2	L1	L2	A	М	Min. port size	Weight (g)	
1/8	5/32	KQ2L01-03	0.0	7	17	25	13.5	15.5	2.2	3	
¹ /8	3/16	KQ2L01-05	9.6	10	17.5	33	21.5	15.5	2.5	7	
5/32	3/16	KQ2L03-05	10.4	10	18	33.5	22.5	16	3	6	
9/32	1/4	KQ2L03-07		8	10	26	14.5		2.5	3	
3/16	1/4	KQ2L05-07	11.4	11 / 10	10 1	19	26.5	15.5	16.5	3.5	8
916	5/16	KQ2L05-09		10	19.5	35.5	23	10.5	3.5	11	
1/4	5/16	KQ2L07-09	13.2	10	20.5	36.5	24.5	17	4.6	12	
74	3/8	KQ2L07-11	13.2	10	20.5	39.5	23.5	17	4.0	17	
5/16	3/8	KQ2L09-11	15.2	12	23.5	40.5	27.5	18.5	6	17	
₹16	1/2	KQ2L09-13	10.2	12	23.5	41.5	27.5	10.5	0	30	
3/8	1/2	KQ2L11-13	17.9	17	25.5	43	30	21	7	25	

