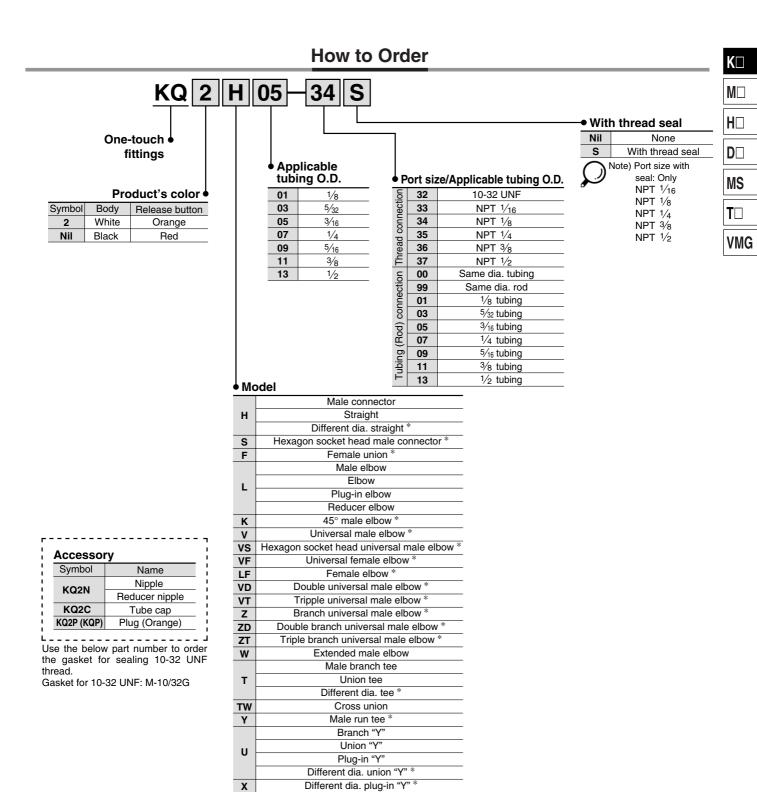
Inch-size One-touch Fittings Series KQ2

Applicable Tubing: Inch Size Connection Thread: UNF, NPT



Plug-in reducer

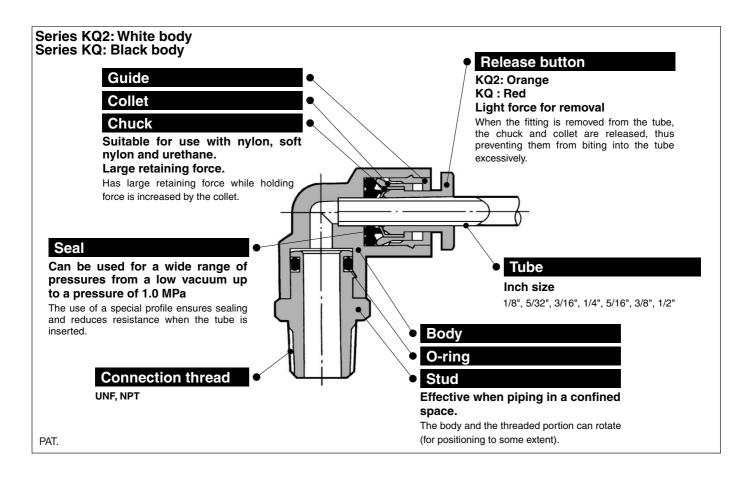
Bulkhead union

Bulkhead connector
Bulkhead union elbow *

* Available only for KQ2 (White color body).

R

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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 pressure		-100 kPa					
Proof pressure		3.0 MPa					
Ambient and fluid temperature		−5 to 60°C, Water: 0 to 40°C (No freezing)					
Thread	Mounting section	ANSI/ASMEB1.20.1-1983 (NTP thread)					
	Wounting Scotlon	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	gonoral industrial water	r Places 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

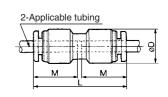


Series KQ2

Straight Union: KQ2H



Applicable tubing O.D. (inch)	Model	Note) Ø D	L	M	Min. port size	Weight (g)
1/8	KQ2H01-00	9.6	31.5	15.5	2.5	3
5/32	KQ2H03-00	10.4	32.5	16	3	3
3/16	KQ2H05-00	11.4	34	16.5	3.5	4
1/4	KQ2H07-00	13.2	34.5	17	4.6	4
5/16	KQ2H09-00	15.2	38.5	18.5	6	6
3/8	KQ2H11-00	17.9	42.5	21	7	11
1/2	KQ2H13-00	21.7	44.5	22	9.6	16

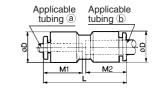


Note) øD: Max. diameter

Different Diameter Straight: KQ2H

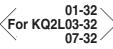


	tubing O.D.	Model	Note) ØD	L	M1	M2	Min. port size	Weight (g)
1/8	5/32	KQ2H01-03	10.4	32.5	15.5		2.5	3
78	1/4	KQ2H01-07	13.2	34.5	10.0	17	2.0	5
5/32	3/16	KQ2H03-05	11.4	34	34 16 16.5	16.5	3	4
932	1/4	KQ2H03-07	13.2	34.5	10	17	3	4
3/16	1/4	KQ2H05-07	13.2	34.5	16.5	17	3.5	5
1/4	5/16	KQ2H07-09	'-09 15.2 38.5 ₁₇	17	18.5	4.6	6	
74	3/8	KQ2H07-11	17.9	42	17	21	4.0	11
5/16	3/8	KQ2H09-11	17.9	42	18.5	21	6	11
716	1/2	KQ2H09-13	21.7	44	10.5	22	U	16
3/8	1/2 KQ2H11-13		21.7	44	21	22	7	17



Note) ØD: Max. diameter

Male Elbow: KQ2L







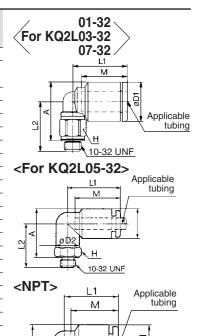


<NPT>



_	Applicable tubing O.D. (inch)	Connection thread UNF NPT	Model	H (Width across flats)	Note) ØD1	øD2	L1	L2	A	М	Min. port size	Weight (g)	,
	()	10-32 UNF	KQ2L01-32	7	8.4	_	15.3	13.2	14	12.7	2.3	2.5	
	1/	1/16	KQ2L01-33S	11.11	9.6	10	17.5	04.5	22.5 *			8	
	1/8	1/8	KQ2L01-34S					21.5	15.5	2.5	-		
		1/4	KQ2L01-35S	14.29				25.5	24.5 *			18	
		10-32 UNF	KQ2L03-32	7	9.3	_	15.6	13.7	15.4	12.7	2.3	2.7	
	5 /-	1/16	KQ2L03-33S	11.11	10.4	10		22	23 *		3	8	
	5/32	1/8	KQ2L03-34S				18	22		16		9	
		1/4	KQ2L03-35S	14.29				26	25 *			18	
		10-32 UNF	KQ2L05-32	11.11	11.4	10	19.5	20	22	16.5	2.3	5	
	3/16	1/8	KQ2L05-34S					22.5	24 *		3.5	10	
		1/4	KQ2L05-35S					26.5	26 *			19	
		10-32 UNF	KQ2L07-32	7	12	_	16.1	15.1	18.1	13.6	2.3	3.2	
	1/4	1/8	KQ2L07-34S	11.11 14.29	_	10	20.5	23.5	26 *	17	4.6	10	
	74	1/4	KQ2L07-35S					27.5	28 *			20	
		3/8	KQ2L07-36S	17.46				29.5	30 *			32	
		1/8	KQ2L09-34S	12.7				24.5	28 *		6	12	
	5/ ₁₆	1/4	KQ2L09-35S	14.29	15.2	12	23.5	28.5	30 *	18.5		20	
		3/8	KQ2L09-36S	17.46				30.5	31.5 *			28	
		1/8	KQ2L11-34S					26.5	31.5 *	· -	6	16	
	3/8	1/4	KQ2L11-35S	17.46	17.9	17	25.5	29.5	32.5 *			23	
	9/8	3/8	KQ2L11-36S]	17.9	' '	25.5	31.5	34 *		7	33	
		1/2	KQ2L11-37S	22.23				35.5	36.5 *			59	
		1/4	KQ2L13-35S	17.46				31.5	36.5 *	22	9	28	
1,	1/2	3/8	KQ2L13-36S	17.46	21.7	17	28	33.5	38.5 *		9.6	36	
		1/2	KQ2L13-37S	22.23				37.5	40 *		9.0	62	c
	Deference dimensions ofter NDT thread installation												

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



øD2

Connection thread (with seal)