

Flame Resistant (Equivalent to UL-94 Standard V-0) FR One-touch Fittings Manifold *Series KRM*

Compact piping possible.
Manifold piping possible.
Many varieties (8 types) are available.
One-touch fittings give the most efficient operation.
Cover (Option)



Model

Model	Porting		No. of Port A	Port A size	Port B size
	Port A	Port B			
KRM11	One-touch fitting	One-touch fitting	6, 10	ø6 tube ø8 tube	ø10 tube ø12 tube
KRM12	One-touch fitting	Rc female thread	6, 10	ø6 tube ø8 tube	Rc 1/4 Rc 3/8

Applicable Tubing

Tubing material	FR double layer, FR soft nylon
Tubing O.D.	ø6, ø8, ø10, ø12

Specifications

Model	KRM11	KRM12
Fluid	Air/Water Note)	
Maximum operating pressure	1.0 MPa	
Proof pressure	3.0 MPa	
Ambient and fluid temperature	-5 to 60°C (Water: 0 to 60°C) (No freezing)	
Thread	—	JIS B 0203 (Taper threads for piping)
Accessory	None	Hexagon socket head blank plug with sealant: 1 pc.

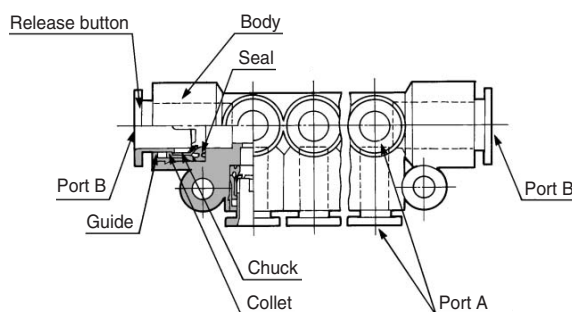
 Note) Applicable for general industrial water. Please consult with SMC if using for other kinds of fluid. Also, the surge pressure must be under the maximum operating pressure.

Principal Parts Material

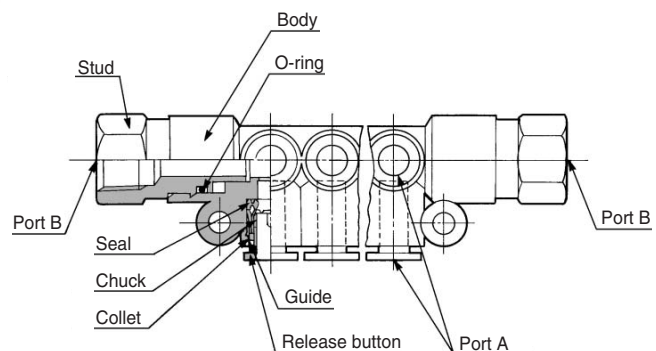
Body	Flame resistant PBT (UL-94 standard V-0)	
Stud	—	C3604BD
Chuck	Stainless steel 304	
Guide	Stainless steel 304	
Collet	POM	
Seal	NBR	
Release button	Flame resistant PBT (UL-94 standard V-0)	
Cover	Flame resistant CR (UL-94 standard V-0)	

Construction

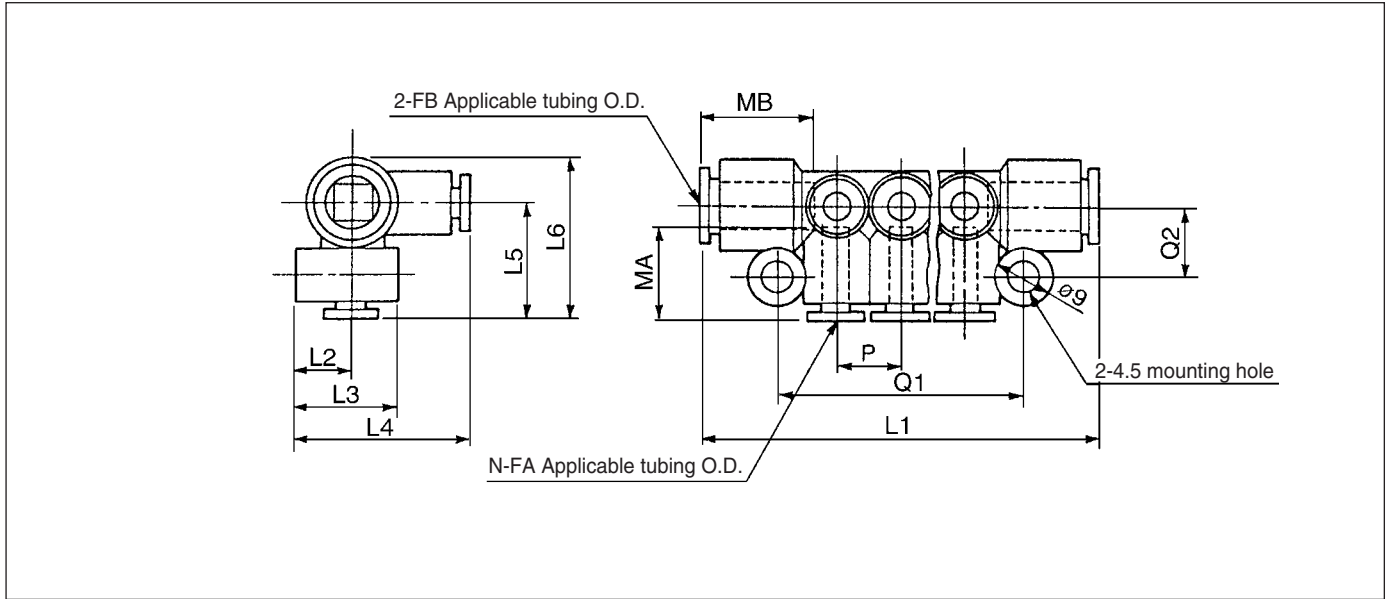
KRM11



KRM12

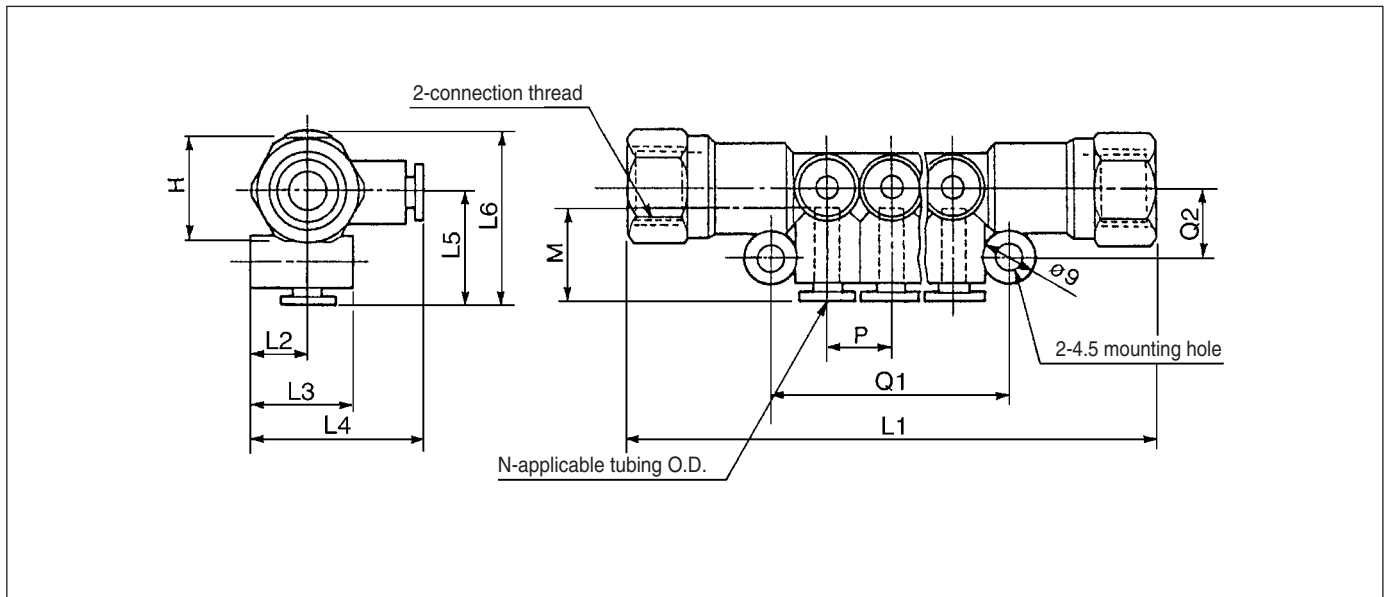


Dimensions: KRM11



Applicable tubing O.D. (mm)		Model	N	L1	L2	L3	L4	L5	L6	P	Q1	Q2	MA	MB	Port B Min. bore	Weight (g)
FA	FB															
6	10	KRM11-06-10-6	6	76												29
		KRM11-06-10-10	10	102	10	19.5	31.5	21.5	31	13	47 73	13.5	17	21	7.5	39
8	12	KRM11-08-12-6	6	85	11.5	22.5	35.5	24	34.5	15.5	55 86	14.7	18.5	22	9	41
		KRM11-08-12-10	10	116												57

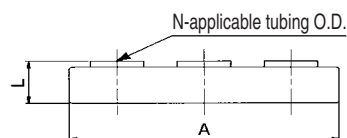
Dimensions: KRM12



Applicable tubing O.D. (mm)	Connection thread R _c	Model	N	H (width across flats)	L1	L2	L3	L4	L5	L6	P	Q1	Q2	M	Port B Min. bore	Weight (g)
6	1/4	KRM12-06-02-6	6		99											81
		KRM12-06-02-10	10	17	125	10	19.5	31.5	21.5	31	13	47 73	13.5	17	7.5	91
8	3/8	KRM12-08-03-6	6		108											97
		KRM12-08-03-10	10	19	139	11.5	22.5	35.5	24	34.5	15.5	55 86	14.7	18.5	9	112

Spatter Cover 3: KRMC (Applicable: FR soft nylon)

Applicable tubing O.D. (mm)	N	Model	L	A	Weight (g)
6	6	KRMC-06-6	40.5	7	2.5
	10	KRMC-06-10	66.5	7	4
8	6	KRMC-08-6	48	8	3
	10	KRMC-08-10	79	8	4.5



Refer to page 15-3-5 for spatter cover 1 and 2.