

# ONE TOUCH FITTINGS-MANIFOLDS

## ONE TOUCH FITTINGS-MANIFOLDS SERIES KM

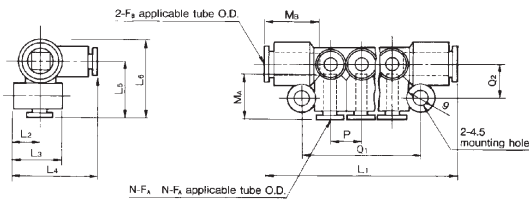
- ✓ Compact and lightweight
- ✓ Threaded or one touch fitting inlet or plug-in stem
- ✓ Ø4, 6, 8mm tube outlets
- ✓ 6 or 10 way
- ✓ Many varieties available

### TECHNICAL SPECIFICATIONS

Fluid	Air
Operating pressure	Vacuum to 9.9 Bar
Proof pressure	30 Bar
Ambient and fluid temperature	0-60°C
Thread (where applicable)	JIS B0203 (Taper pipe thread)
Applicable tube*	Nylon, Soft nylon, Polyurethane

\*Dimensions to BS5409 Part 1

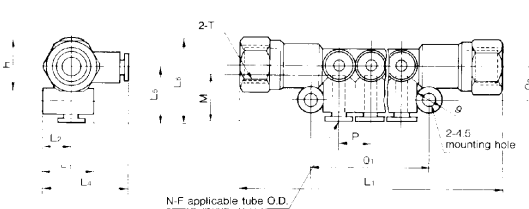
### DIMENSIONS KM11



Dimensions in mm

Model	F <sub>A</sub>	F <sub>B</sub>	N	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>6</sub>	P	Q <sub>1</sub>	Q <sub>2</sub>	M <sub>A</sub>	M <sub>B</sub>	Port B min port size	Mass (g)
KM11-04-08-6	4	8	6	65	10	18	29.5	19.5	27	10.6	40	12	16	18.5	6	22
10			86	30												
KM11-06-10-6	6	10	6	76	10	19.5	31.5	21.5	31	13	47	13.5	17	21	7.5	32
10			102	44												
KM11-08-12-6	8	12	6	85	11.5	22.5	35.5	24	34.5	15.5	55	14.7	18.5	22	9	44
10			116	62												

### DIMENSIONS KM12



MORE DIMENSIONS  
SEE NEXT PAGE

Dimensions in mm

Model	F	T Rc(PT)	N	H (Hex)	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>6</sub>	P	Q <sub>1</sub>	Q <sub>2</sub>	M	Port B min port size	Mass (g)
KM12-04-02-6	4	1/4	6	17	89	10	18	29.5	19.5	29	10.6	40	12	16	6	67
KM12-04-02-10			10	110	75											
KM12-06-02-6	6	1/4	6	17	99	10	19.5	31.5	21.5	31	13	47	13.5	17	7.5	84
KM12-06-02-10			10	125	96											
KM12-08-03-6	8	3/8	6	19	108	11.5	22.5	35.5	24	34.5	15.5	55	14.7	18.5	9	100
KM12-08-03-10			10	139	117											



### HOW TO ORDER MANIFOLD SERIES KM

KM ○ — ○ — ○ — ○

#### INLET CONNECTION

- 11 ...Push-in
- 12 ...Threaded (Female)
- 13 ...Push-in
- 14 ...Male Thread
- 15 ...Plug-in
- 16 ...Push-in 3 outlets stackable

#### OUTLET TUBE O.D.

- 04 ...4mm
- 06 ...6mm
- 08 ...8mm

#### INLET PORT THREAD OR TUBE O.D.

- 02 ...1/4
- 03 ...3/8
- 08 ...8mm
- 10 ...10mm
- 12 ...12mm

#### NUMBER OF OUTLETS

- 3 .....3
- 6 .....6
- 10 ....10

### STOCKED PRODUCTS

FOR A LIST OF STOCKED PRODUCTS,  
PLEASE SEE THE CURRENT SMC PRICE LIST

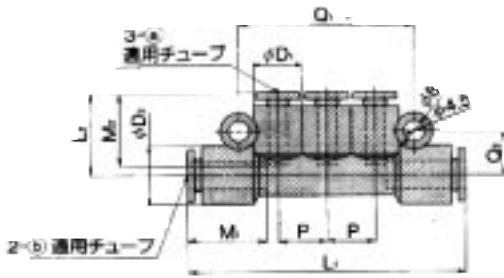


SEE INSIDE FRONT COVER FOR  
DETAILS OF YOUR LOCAL SALES OFFICE



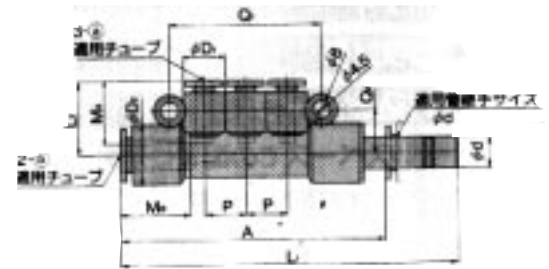
FOR FURTHER TECHNICAL  
DETAILS ON THIS  
PRODUCT REQUEST  
CATALOGUE REFERENCE  
E501

**DIMENSIONS  
KM13**



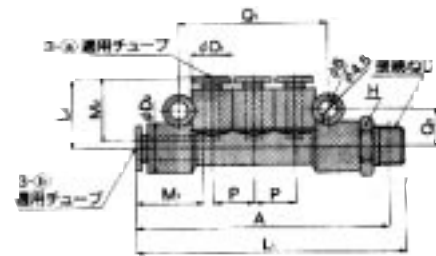
a	b	Model	D1	D2	L1	L2	P	Q1	M1	M2	Effective Orifice (mm <sup>2</sup> )	Weight
4	6	KM13-04-06-3	10.4	12.8	60	18.5	10.4	38.2	17	16	4.5	13
4	8	KM13-04-08-3	10.4	15.2	63.5	19	10.4	38.2	18.5	16	6	16
6	8	KM13-06-08-3	12.8	15.2	70.5	20	12.8	45.4	18.5	17	6	18
6	10	KM13-06-10-3	12.8	18.5	74.5	21	12.8	45.4	21	17	7.5	23
8	10	KM13-08-10-3	15.2	18.5	81.5	22.5	15.2	52.6	21	18.5	7.5	27

**DIMENSIONS  
KM15**



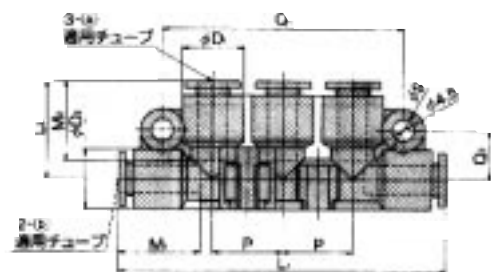
a	b	Dia D	Model	D1	D2	L1	L2	P	Q1	Q2	A	Ma	Mb	Effective Orifice (mm <sup>2</sup> )	Weight g
4	6	6	KM15-04-06-3	10.4	12.8	78.5	18.5	10.4	38.2	9.9	61.5	16	17	4.5	13
4	8	8	KM15-04-08-3	10.4	15.2	85.5	19	10.4	38.2	11.1	67	16	18.5	6	25
6	8	8	KM15-06-08-3	12.8	15.2	92.5	20	12.8	45.4	11.1	74	17	18.5	6	27
6	10	10	KM15-06-10-3	12.8	18.5	98	21	12.8	45.4	12.8	77	17	21	7.5	38
8	10	10	KM15-08-10-3	15.2	18.5	105	22.5	15.2	52.6	12.8	85	18.5	21	7.5	42

**DIMENSIONS  
KM14**



a	b	R(PT)	Model	H	D1	D2	L1	L2	P	A	Q1	Q2	M1	M2	Effective Orifice (mm <sup>2</sup> )	Weight g
4	6	1/8	KM14-04-06-01S-3	13	10.4	12.8	68	18.5	10.4	64	38.2	9.9	17	16	4.5	19
4	6	1/4	KM14-04-06-02S-3	14	10.4	12.8	71.5	18.5	10.4	65.5	38.2	9.9	17	16	4.5	26
4	6	3/8	KM14-04-06-03S-3	17	10.4	12.8	73.5	18.5	10.4	67.5	38.2	9.9	17	16	4.5	39
4	8	1/8	KM14-04-08-01S-3	17	10.4	15.2	73.5	19	10.4	69.5	38.2	11.1	18.5	16	6	31
4	8	1/4	KM14-04-08-02S-3	17	10.4	15.2	76.5	19	10.4	70.5	38.2	11.1	18.5	16	6	31
4	8	3/8	KM14-04-08-03S-3	17	10.4	15.2	77.5	19	10.4	71	38.2	11.1	18.5	16	6	39
6	8	1/8	KM14-06-08-01S-3	17	12.8	15.2	80	20	12.8	76.5	45.4	11.1	18.5	17	6	33
6	8	1/4	KM14-06-08-02S-3	17	12.8	15.2	83	20	12.8	77	45.4	11.1	18.5	17	6	41
6	8	3/8	KM14-06-08-03S-3	17	12.8	15.2	84	20	12.8	78	45.4	11.1	18.5	17	6	41
6	10	1/4	KM14-06-10-02S-3	19	12.8	18.5	87.5	21	12.8	81.5	45.4	12.8	21	17	7.5	44
6	10	3/8	KM14-06-10-03S-3	19	12.8	18.5	88.5	21	12.8	82	45.4	12.8	21	17	7.5	45
6	10	1/2	KM14-06-10-04S-3	22	12.8	18.5	92	21	12.8	84	45.4	12.8	21	17	7.5	67
8	10	1/4	KM14-08-10-02S-3	19	15.2	18.5	94	22.5	15.2	88	52.6	12.8	21	18.5	7.5	48
8	10	3/8	KM14-08-10-03S-3	19	15.2	18.5	95	22.5	15.2	89	52.6	12.8	21	18.5	7.5	48
8	10	1/2	KM14-08-10-04S-3	22	15.2	18.5	98.5	22.5	15.2	90.5	52.6	12.8	21	18.5	7.5	71

**DIMENSIONS  
KM16**



a	b	Model	D1	D2	L1	L2	P	Q1	Q2	M1	M2	Effective Orifice (mm <sup>2</sup> )	Weight g
4	4	KM16-04-04-3	12.8	12.8	68	20.9	14.5	50	10.5	16	16	3	19
4	6	KM16-04-06-3	12.8	12.8	68	20.9	14.5	50	10.5	17	16	4.5	18
6	6	KM16-06-06-3	12.8	12.8	68	20.9	14.5	50	10.5	17	17	4.5	18



FOR FURTHER TECHNICAL  
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