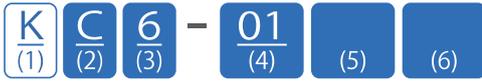


Model designation (Example)



(1) Tube Fitting Brass

(2) Type

Code	Type	Code	Type	Code	Type	Code	Type	Code	Type
C	Straight	OC	Inner Hex. Straight	L	Elbow	LL	Long Elbow	H	Single Banjo
B	Branch Tee	D	Run Tee	CF	Female Straight	LF	Female Elbow	U	Union Straight
E	Union Tee	V	Union Elbow	Y	Union Y	M	Bulkhead Union	G	Unequal Union Straight
GJ	Unequal Plug-in Straight	IJ	Union Stem	IG	Unequal Union Stem	TJ	PT Jack	P	Plug

*KTJ (PT Jack) cannot be connected to Tube Fitting Brass with cover or Tube Fitting Anti-spatter series.

(3) Tube dia. (øD)

Code	mm size					inch size		
	4	6	8	10	12	1/4	3/8	1/2
Tube O.D.	ø4 mm (ø5/32)	ø6 mm	ø8 mm (ø5/16)	ø10 mm	ø12 mm	ø1/4"	ø3/8"	ø1/2"

(4) Thread size (R)

Code	Metric thread			Taper pipe thread			
	M5	M6P0.75	M6	01	02	03	04
Size	M5x0.8	M6x0.75	M6x1	R1/8	R1/4	R3/8	R1/2

(5) Cover

Code	No code	-1
Cover	With cover	Without cover
		

(6) Seal rubber material (Optional)

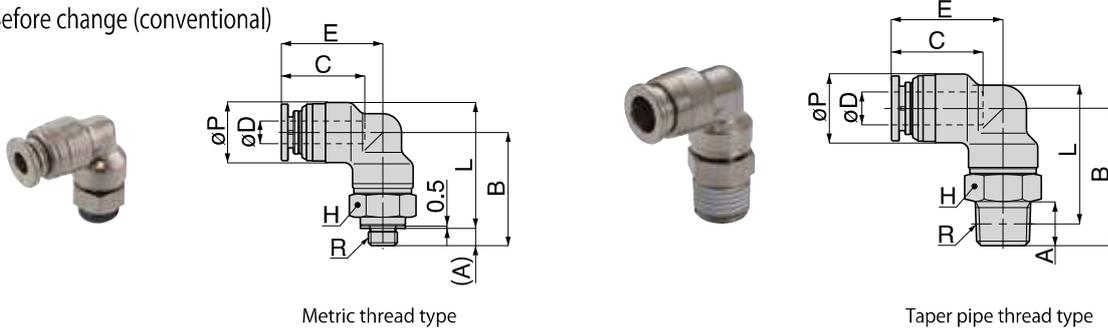
Code	No code	-F
Material	HNBR	FKM
ID marking		

*1. There is a marking of "F" on the surface of Release ring for FKM spec.
There is no marking for HNBR spec.

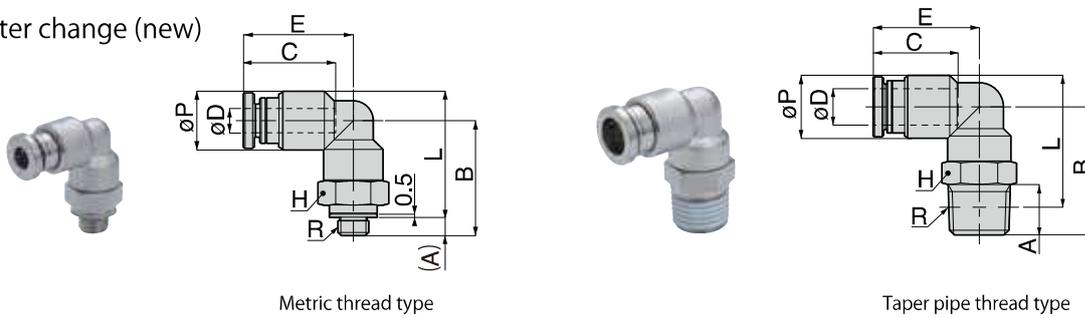
*2. The above illustrates a marking for ø6 mm Release ring.

KL Elbow (without cover)

■ Before change (conventional)



■ After change (new)



Unit: mm

Model code	Tube O.D. ϕD	R	A	B		L		ϕP		Tube end C		E		Hex. H		Weight (g)		Orifice (ϕ mm)
				Before	After	Before	After	Before	After	Before	After	Before	After	Before	After	Before	After	
KL4-M5-1(6)	4	M5x0.8	3	19.8	19	22.1	20.8	10.5	9.7	14.5	15.1	17.6	18	10	10	17	14	1.8
New KL4-M6P0.75-1(6)		M6x0.75	4	—	20	—	20.8	—	9.7	—	15.1	—	18	—	10	—	14	1.8
New KL4-M6-1(6)		M6x1	4	—	20	—	20.8	—	9.7	—	15.1	—	18	—	10	—	14	1.8
KL4-01-1(6)		R1/8	8	22.8	22	24.1	22.8	10.5	9.7	14.5	15.1	17.6	18	10	10	20	16	2.5
KL4-02-1(6)		R1/4	11	25.8	25	25	23.8	10.5	9.7	14.5	15.1	17.6	18	14	14	29	21	2.5
KL6-M5-1(6)	6	M5x0.8	3	22	20.7	25.3	23.6	12.5	11.8	16.6	17.2	20.2	21	12	12	24	21	1.8
New KL6-M6P0.75-1(6)		M6x0.75	4	—	21.7	—	23.6	—	11.8	—	17.2	—	21	—	12	—	22	1.8
New KL6-M6-1(6)		M6x1	4	—	21.7	—	23.6	—	11.8	—	17.2	—	21	—	12	—	22	1.8
KL6-01-1(6)		R1/8	8	25	23.7	27.3	25.6	12.5	11.8	16.6	17.2	20.2	21	12	12	27	23	4
KL6-02-1(6)		R1/4	11	28	26.7	28.2	26.6	12.5	11.8	16.6	17.2	20.2	21	14	14	35	28	4
KL6-03-1(6)	R3/8	12	29.8	28.5	29.7	28.1	12.5	11.8	16.6	17.2	20.2	21	17	17	47	37	4	
KL8-01-1(6)	8	R1/8	8	28	25	31.3	27.9	14.5	13.7	17.7	18.4	22.3	23	14	14	34	30	6
KL8-02-1(6)		R1/4	11	31	28	32.2	28.8	14.5	13.7	17.7	18.4	22.3	23	14	14	40	33	6
KL8-03-1(6)		R3/8	12	32.8	29.8	33.7	30.3	14.5	13.7	17.7	18.4	22.3	23	17	17	53	43	6
KL10-01-1(6)	10	R1/8	8	32.5	27.5	37.8	32.3	18.5	17.5	20	20.9	26.1	27	17	17	62	55	6
KL10-02-1(6)		R1/4	11	35.5	30.5	38.7	33.2	18.5	17.5	20	20.9	26.1	27	17	17	64	53	8
KL10-03-1(6)		R3/8	12	36.5	31.5	39.4	33.9	18.5	17.5	20	20.9	26.1	27	17	17	73	53	8
KL10-04-1(6)		R1/2	15	39.5	34.5	40.6	35.1	18.5	17.5	20	20.9	26.1	27	22	21	99	75	8
KL12-02-1(6)	12	R1/4	11	37.5	31	42.2	35.4	21.5	20.8	22.6	23.5	29.7	30.6	21	21	100	79	8
KL12-03-1(6)		R3/8	12	38.5	32	42.9	36.1	21.5	20.8	22.6	23.5	29.7	30.6	21	21	106	84	9
KL12-04-1(6)		R1/2	15	41.5	35	44.1	37.2	21.5	20.8	22.6	23.5	29.7	30.6	22	21	121	95	9

*1. L dimension of Taper pipe thread type is a reference value after tightening thread.

*2. For (6) in the model code, enter "-F" if selecting FKM for seal rubber material.