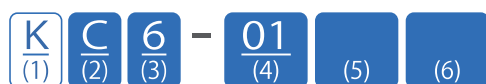


Model designation (Example)



(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		

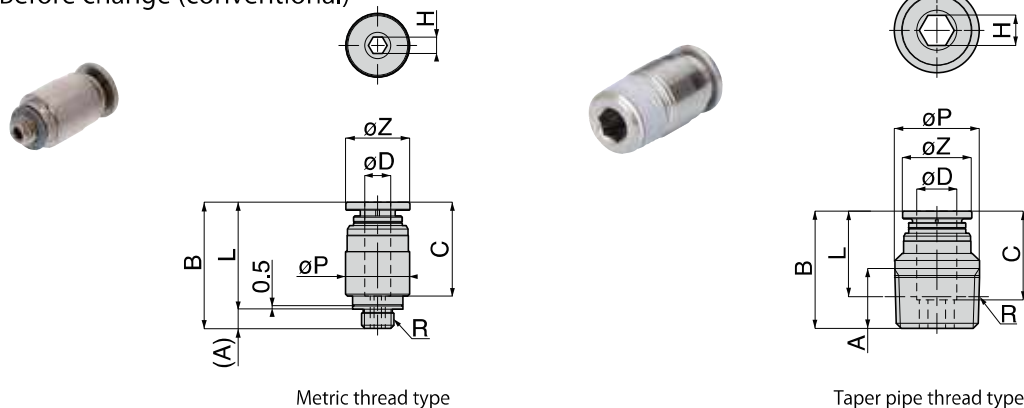
*1. There is a marking of "F" on the surface of Release ring for FKM spec.

There is no marking for HNBR spec.

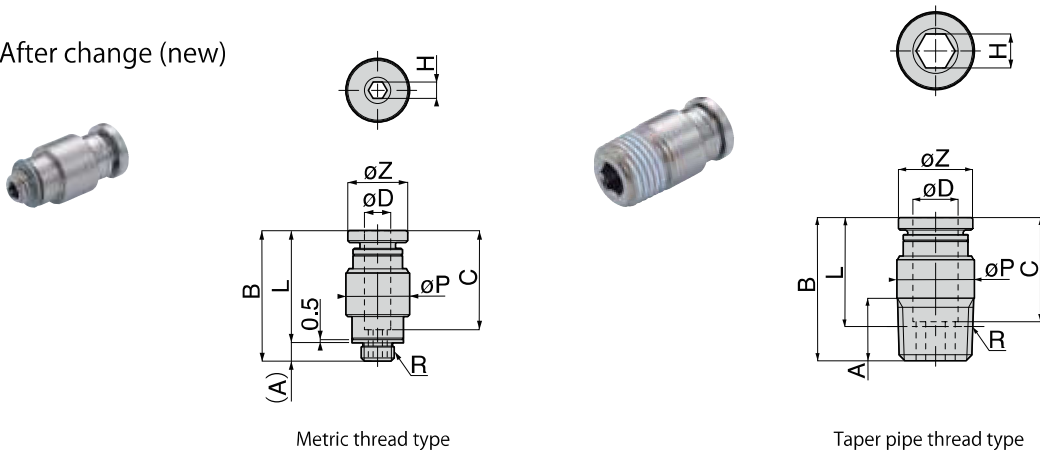
*2. The above illustrates a marking for ø6 mm Release ring.

KOC Inner Hex. Straight (without cover)

Before change (conventional)



After change (new)



Unit: mm

Model code	Tube O.D. øD	R	A		B		L		øP		Tube end C		øZ		Hex. H		Weight (g)		Orifice (ø mm)	
			Before	After	Before	After	Before	After	Before	After	Before	After	Before	After	Before	After	Before	After	Before	After
KOC4-M5-1(6)	4	M5x0.8	3	2.8	19.5	19.9	16.5	17.1	9.9	9.7	14.5	15.1	9.9	9.1	2	2.5	10	6	2.1	2.6
New KOC4-M6P0.75-1(6)		M6x0.75	—	3.8	—	20.9	—	17.1	—	9.7	—	15.1	—	9.1	—	2.5	—	7	—	2.6
New KOC4-M6-1(6)		M6x1	—	3.8	—	20.9	—	17.1	—	9.7	—	15.1	—	9.1	—	2.5	—	7	—	2.6
KOC4-01-1(6)		R1/8	8	8	20.6	20.2	16.6	16.2	9.9	9.7	14.5	15.1	9.9	9.1	2.5	2.5	11	8	2.6	2.6
KOC4-02-1(6)		R1/4	11	11	21.6	20.2	15.6	14.2	14	13.7	14.5	15.1	9.9	9.1	2.5	2.5	17	14	2.6	2.6
KOC6-M5-1(6)	6	M5x0.8	3	2.8	22.6	21.5	19.6	18.7	11.9	11.8	16.6	17.2	11.8	11.3	2	2.5	13	8	2.1	2.6
New KOC6-M6P0.75-1(6)		M6x0.75	—	3.8	—	22.5	—	18.7	—	11.8	—	17.2	—	11.3	—	3	—	8	—	3.2
New KOC6-M6-1(6)		M6x1	—	3.8	—	22.5	—	18.7	—	11.8	—	17.2	—	11.3	—	3	—	8	—	3.2
KOC6-01-1(6)		R1/8	8	8	22.2	22.3	18.2	18.3	11.9	11.8	16.6	17.2	11.8	11.3	4	4	12	10	4.1	4.2
KOC6-02-1(6)		R1/4	11	11	22.2	21.5	16.1	15.4	13.9	13.7	16.6	17.2	11.8	11.3	4	4	16	14	4.1	4.2
KOC6-03-1(6)	8	R3/8	12	12	23.2	21.5	16.8	15.1	16.9	16.8	16.6	17.2	11.8	11.3	4	4	25	23	4.1	4.2
KOC8-01-1(6)		R1/8	8	8	27.4	26.1	23.4	22.1	13.9	13.7	17.7	18.4	13.8	13.1	5	5	18	11	5.1	5.3
KOC8-02-1(6)		R1/4	11	11	26.1	25.3	20.1	19.3	13.9	13.7	17.7	18.4	13.8	13.1	6	6	18	15	6.2	6.3
KOC8-03-1(6)	10	R3/8	12	12	23.4	22.4	17.1	16.1	16.9	16.8	17.7	18.4	13.8	13.1	6	6	24	21	6.2	6.3
KOC10-01-1(6)		R1/8	8	8	30.1	30.5	26.1	26.5	16.9	17.5	20	20.9	16.8	16.5	5	5	31	20	5.1	5.3
KOC10-02-1(6)		R1/4	11	11	29.1	30	23.1	24	16.9	17.5	20	20.9	16.8	16.5	6	6	28	24	6.2	6.3
KOC10-03-1(6)		R3/8	12	12	28.6	29.5	22.3	23.2	16.9	17.5	20	20.9	16.8	16.5	6	6	33	30	6.2	6.3
KOC10-04-1(6)	12	R1/2	15	15	29.6	30.5	21.4	22.3	20.8	20.8	20	20.9	16.8	16.5	6	6	51	49	6.2	6.3
KOC12-02-1(6)		R1/4	11	11	35.2	36.1	29.2	30.1	19.9	20.8	22.6	23.5	19.8	19.8	8	6	48	36	8.2	6.3
KOC12-03-1(6)		R3/8	12	12	31.2	32.1	24.9	25.8	20.8	20.8	22.6	23.5	19.8	19.8	8	8	41	37	8.2	8.4
KOC12-04-1(6)		R1/2	15	15	33.2	34.1	25	25.9	20.8	20.8	22.6	23.5	19.8	19.8	8	8	56	52	8.2	8.4

*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.