

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		

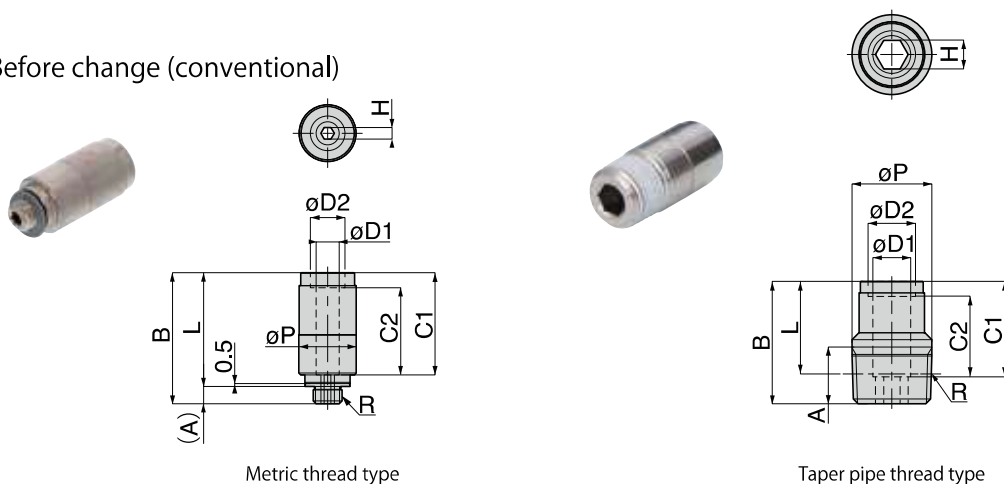
*1. There is a marking of "F" on the surface of Release ring for FKM spec.

There is no marking for HNBR spec.

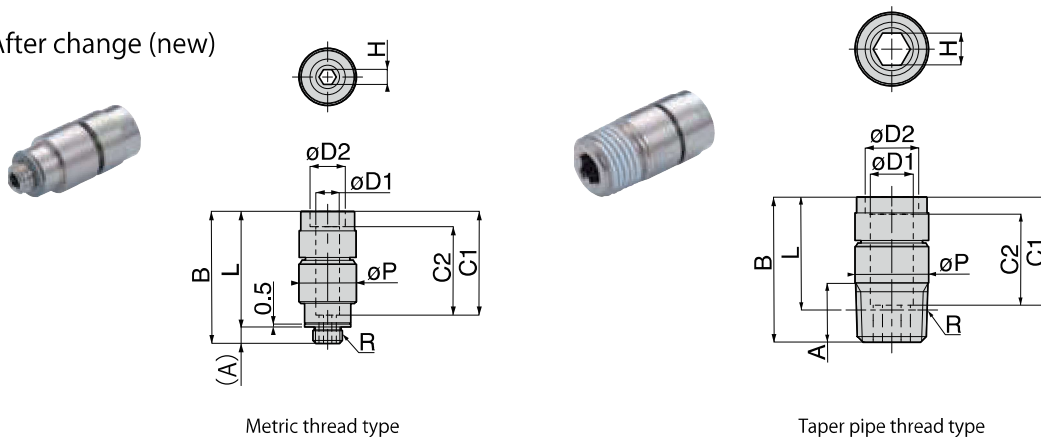
*2. The above illustrates a marking for ø6 mm Release ring.

KOC Inner Hex. Straight (with cover)

Before change (conventional)



After change (new)



Unit: mm

Model code	Tube O.D.		R	A		B		L		ϕP		Tube end		Hex. H		Weight (g)		Orifice (ϕ mm)	
	$\phi D1$	$\phi D2$		Before	After	Before	After	Before	After	Before	After	C1	C2	Before	After	Before	After	Before	After
KOC4-M5(6)	4	6	M5x0.8	3	2.8	22.5	22.4	19.6	19.6	9.9	9.7	17.6	15	2	2.5	11	7	2.1	2.6
KOC4-M6P0.75(6)			M6x0.75	—	3.8	—	23.4	—	19.6	—	9.7	17.6	15	—	2.5	—	8	—	2.6
KOC4-M6(6)			M6x1	—	3.8	—	23.4	—	19.6	—	9.7	17.6	15	—	2.5	—	8	—	2.6
KOC4-01(6)			R1/8	8	8	23.7	22.7	19.7	18.7	9.9	9.7	17.6	15	2.5	2.5	12	9	2.6	2.6
KOC4-02(6)			R1/4	11	11	24.7	22.7	18.7	16.7	14	13.7	17.6	15	2.5	2.5	19	15	2.6	2.6
KOC6-M5(6)	6	8	M5x0.8	3	2.8	25.5	23.8	22.5	21	11.9	11.8	19.5	16	2	2.5	15	9	2.1	2.6
KOC6-M6P0.75(6)			M6x0.75	—	3.8	—	24.8	—	21	—	11.8	19.5	16	—	3	—	10	—	3.2
KOC6-M6(6)			M6x1	—	3.8	—	24.8	—	21	—	11.8	19.5	16	—	3	—	10	—	3.2
KOC6-01(6)			R1/8	8	8	25.1	24.6	21.1	20.6	11.9	11.8	19.5	16	4	4	13	11	4.1	4.2
KOC6-02(6)			R1/4	11	11	25.1	23.8	19	17.7	13.9	13.7	19.5	16	4	4	18	15	4.1	4.2
KOC6-03(6)			R3/8	12	12	26.1	23.8	19.7	17.4	16.9	16.8	19.5	16	4	4	27	24	4.1	4.2
KOC8-01(6)	8	10	R1/8	8	8	29.9	27.9	25.9	23.9	13.9	13.7	20.2	17	5	5	20	13	5.1	5.3
KOC8-02(6)			R1/4	11	11	28.6	27.1	22.6	21.1	13.9	13.7	20.2	17	6	6	20	16	6.2	6.3
KOC8-03(6)			R3/8	12	12	25.9	24.2	19.6	17.9	16.9	16.8	20.2	17	6	6	26	23	6.2	6.3
KOC10-01(6)	10	12	R1/8	8	8	33.3	32.8	29.3	28.8	16.9	17.5	23.2	19.5	5	5	35	25	5.1	5.3
KOC10-02(6)			R1/4	11	11	32.3	32.3	26.3	26.3	16.9	17.5	23.2	19.5	6	6	33	29	6.2	6.3
KOC10-03(6)			R3/8	12	12	31.8	31.8	25.5	25.5	16.9	17.5	23.2	19.5	6	6	38	35	6.2	6.3
KOC10-04(6)			R1/2	15	15	32.8	32.8	24.6	24.6	20.8	20.8	23.2	19.5	6	6	56	54	6.2	6.3
KOC12-02(6)	12	14	R1/4	11	11	38.9	38.9	32.9	32.9	19.9	20.8	26.3	23	8	6	56	44	8.2	6.3
KOC12-03(6)			R3/8	12	12	34.9	34.9	28.6	28.6	20.8	20.8	26.3	23	8	8	49	45	8.2	8.4
KOC12-04(6)			R1/2	15	15	36.9	36.9	28.7	28.7	20.8	20.8	26.3	23	8	8	64	60	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.