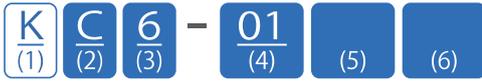


Model designation (Example)



(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<br>(ø5/32) | ø6 mm | ø8 mm<br>(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 |  |  |

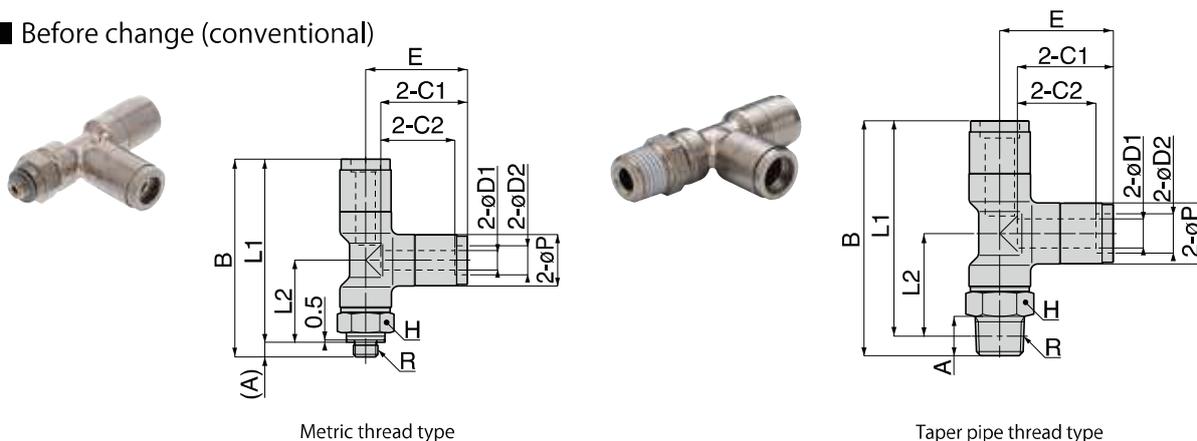
\*1. There is a marking of "F" on the surface of Release ring for FKM spec.

There is no marking for HNBR spec.

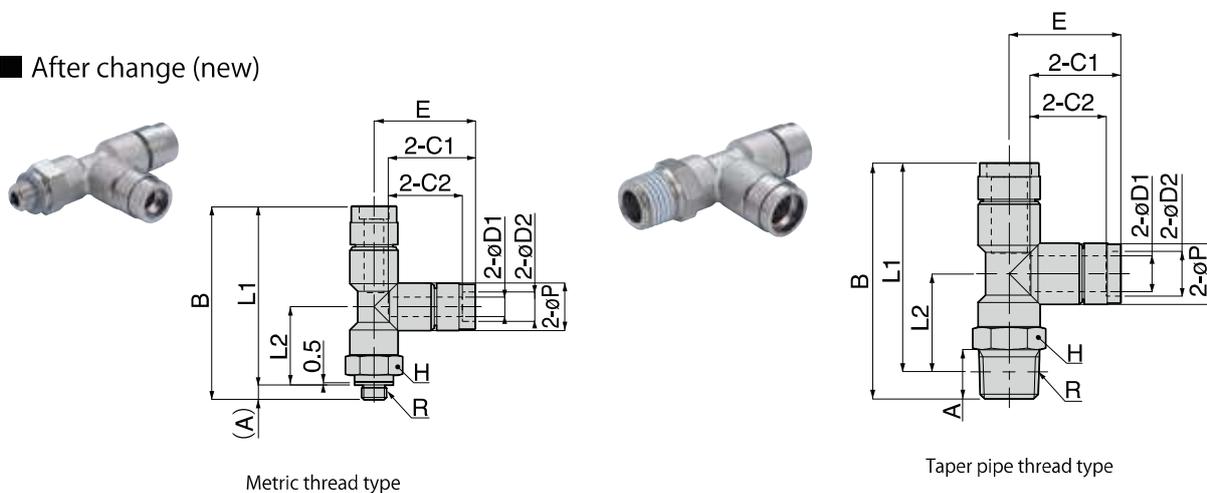
\*2. The above illustrates a marking for ø6 mm Release ring.

**KD** Run Tee (with cover)

■ Before change (conventional)



■ After change (new)



Unit: mm

| Model code | Tube O.D. |     | R      | A  | B      |       | L1     |       | L2     |       | φP     |       | Tube end |       | E      |       | Hex. H |       | Weight (g) |       | Orifice (φ mm) |
|------------|-----------|-----|--------|----|--------|-------|--------|-------|--------|-------|--------|-------|----------|-------|--------|-------|--------|-------|------------|-------|----------------|
|            | φD1       | φD2 |        |    | Before | After | Before | After | Before | After | Before | After | C1       | C2    | Before | After | Before | After | Before     | After |                |
|            |           |     |        |    | Before | After | Before | After | Before | After | Before | After | Before   | After | Before | After | Before | After |            |       |                |
| KD4-M5(6)  | 4         | 6   | M5x0.8 | 3  | 40.5   | 39.5  | 37.5   | 36.5  | 16.8   | 16    | 10.5   | 9.7   | 17.6     | 15    | 20.7   | 20.5  | 10     | 10    | 26         | 21    | 1.8            |
| KD4-01(6)  |           |     | R1/8   | 8  | 43.5   | 42.5  | 39.5   | 38.5  | 18.8   | 18    | 10.5   | 9.7   | 17.6     | 15    | 20.7   | 20.5  | 10     | 10    | 29         | 23    | 2.5            |
| KD4-02(6)  |           |     | R1/4   | 11 | 46.5   | 45.5  | 40.5   | 39.4  | 19.8   | 18.9  | 10.5   | 9.7   | 17.6     | 15    | 20.7   | 20.5  | 14     | 14    | 38         | 29    | 2.5            |
| KD6-M5(6)  | 6         | 8   | M5x0.8 | 3  | 45.1   | 44    | 42.1   | 41    | 19     | 17.7  | 12.5   | 11.8  | 19.5     | 16    | 23.1   | 23.3  | 12     | 12    | 36         | 33    | 1.8            |
| KD6-01(6)  |           |     | R1/8   | 8  | 48.1   | 47    | 44.1   | 43    | 21     | 19.7  | 12.5   | 11.8  | 19.5     | 16    | 23.1   | 23.3  | 12     | 12    | 38         | 35    | 4              |
| KD6-02(6)  |           |     | R1/4   | 11 | 51.1   | 50    | 45     | 43.9  | 22     | 20.7  | 12.5   | 11.8  | 19.5     | 16    | 23.1   | 23.3  | 14     | 14    | 46         | 39    | 4              |
| KD6-03(6)  |           |     | R3/8   | 12 | 52.9   | 51.8  | 46.5   | 45.4  | 23.4   | 22.2  | 12.5   | 11.8  | 19.5     | 16    | 23.1   | 23.3  | 17     | 17    | 59         | 49    | 4              |
| KD8-01(6)  | 8         | 10  | R1/8   | 8  | 52.8   | 49.8  | 48.8   | 45.8  | 24     | 21    | 14.5   | 13.7  | 20.2     | 17    | 24.8   | 24.8  | 14     | 14    | 48         | 44    | 6              |
| KD8-02(6)  |           |     | R1/4   | 11 | 55.8   | 52.8  | 49.8   | 46.8  | 25     | 22    | 14.5   | 13.7  | 20.2     | 17    | 24.8   | 24.8  | 14     | 14    | 54         | 47    | 6              |
| KD8-03(6)  |           |     | R3/8   | 12 | 57.6   | 54.6  | 51.3   | 48.3  | 26.5   | 23.5  | 14.5   | 13.7  | 20.2     | 17    | 24.8   | 24.8  | 17     | 17    | 67         | 56    | 6              |
| KD10-01(6) | 10        | 12  | R1/8   | 8  | 61.8   | 56.8  | 57.8   | 52.8  | 28.5   | 23.5  | 18.6   | 17.5  | 23.2     | 19.5  | 29.3   | 29.3  | 17     | 17    | 90         | 79    | 6              |
| KD10-02(6) |           |     | R1/4   | 11 | 64.8   | 59.8  | 58.8   | 53.8  | 29.5   | 24.5  | 18.6   | 17.5  | 23.2     | 19.5  | 29.3   | 29.3  | 17     | 17    | 93         | 81    | 8              |
| KD10-03(6) |           |     | R3/8   | 12 | 65.8   | 60.8  | 59.5   | 54.5  | 30.2   | 25.2  | 18.6   | 17.5  | 23.2     | 19.5  | 29.3   | 29.3  | 17     | 17    | 101        | 81    | 8              |
| KD10-04(6) |           |     | R1/2   | 15 | 68.8   | 63.8  | 60.6   | 55.6  | 31.4   | 26.3  | 18.6   | 17.5  | 23.2     | 19.5  | 29.3   | 29.3  | 22     | 21    | 128        | 104   | 8              |
| KD12-02(6) | 12        | 14  | R1/4   | 11 | 70.9   | 64.4  | 64.9   | 58.4  | 31.5   | 25    | 21.6   | 20.8  | 26.3     | 23    | 33.4   | 33.4  | 21     | 21    | 147        | 125   | 8              |
| KD12-03(6) |           |     | R3/8   | 12 | 71.9   | 65.4  | 65.6   | 59.1  | 32.2   | 25.7  | 21.6   | 20.8  | 26.3     | 23    | 33.4   | 33.4  | 21     | 21    | 153        | 130   | 9              |
| KD12-04(6) |           |     | R1/2   | 15 | 74.9   | 68.4  | 66.7   | 60.2  | 33.3   | 26.8  | 21.6   | 20.8  | 26.3     | 23    | 33.4   | 33.4  | 22     | 21    | 169        | 142   | 9              |

\*1. L1 and L2 dimensions of Taper pipe thread type are reference values after tightening thread.

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