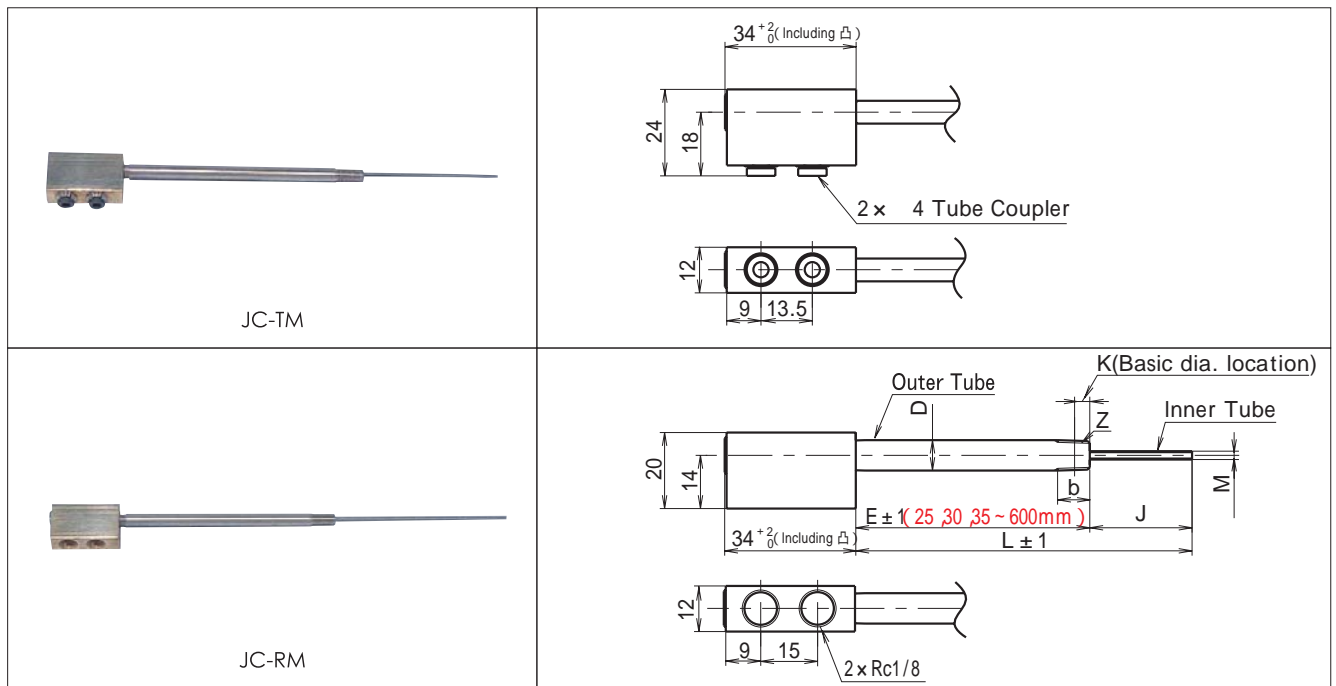


# Jet Cooler (Screw type)

Jet cooler for screw type installation.

- JC-TM is for "one-touch" connection with  $\phi 4$  tube and JCRM has screw holes for connection with tube coupler.
- For installation on the die, Rc1/16, Rc1/8, M4 M6 are available.



Extra processing : Coupler will be fitted on RM type.

## ● Material

Head : Bs (Brass)  
Outer Tube : SUS304  
Inner Tube : SUS304

O-ring (Coupler) : JIS 4-D (Heat-resistance temperature 200°C)

● Maximum working pressure 1.5MPa

● Working fluid temperature Below 180°C

## ● Standard list

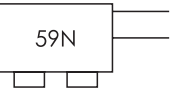
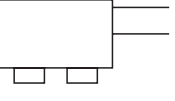
(Unit : mm)

| Model | Type | Nominal | Head<br>Connecting<br>Hose | Outer Tube |            |        |                        |              | Inner Tube   |              |
|-------|------|---------|----------------------------|------------|------------|--------|------------------------|--------------|--------------|--------------|
|       |      |         |                            | Outer Dia. | Inner Dia. | Screw  | Basic Dia.<br>Location | Screw Length | Outer Dia.   | Inner Dia.   |
|       |      |         |                            | $\phi D$   | $\phi d$   | Z      | k                      | b            | $\phi M$     | $\phi m$     |
| JC    | TM   | 04      | Tube Coupler               | 4.0        | 2.0        | M4×0.7 | —                      | 10           | 1.20         | 0.85         |
|       |      | 06      | Tube Coupler               | 6.0        | 3.0        | M6×1.0 | —                      | 10           | 1.20<br>1.80 | 0.85<br>1.35 |
|       | RM   | 06      | Rc1/8                      | 6.0        | 3.0        | M6×1.0 | —                      | 10           | 1.20<br>1.80 | 0.85<br>1.35 |
|       |      |         | 08                         | Rc1/8      | 8.0        | 4.0    | R1/16                  | 4.0          | —            | 1.80<br>2.30 |
|       |      | 10      | Rc1/8                      | 10.0       | 5.0        | R1/8   | 4.0                    | —            | 1.80<br>2.30 | 1.35<br>1.80 |
|       |      |         |                            | 2.80       | 2.30       |        |                        |              |              |              |

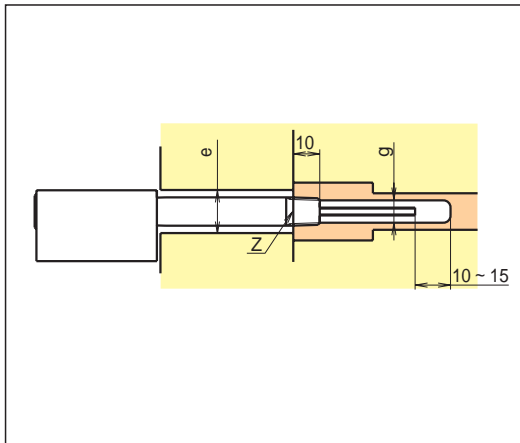
It is recommended to use largest possible inner and outer tubes.  
     are standard inner tubes. Please designate M for other tubes.

# Jet Cooler (Screw type)

## ● Extra processing

| Extra Processing                                      | Extra Processing Code                               | Example/Remarks   |
|---|---|---|
| Marking(English letters and numbers only)<br>4mm high | MK□□□□<br>Designate letters or numbers              |  |
| With Coupler<br>(only JC-RM)                          | Select from CO•4•6•8<br>(Only R1/8 Screw)<br>(P.67) |  |
| Inner Tube Designation                                | M   | Select from φM<br>column  |

## ● Recommended size



(Unit : mm)

| Model | Type     | Nominal | Hole on Die Mold | Screw  | Hole Dia. at Top |
|-------|----------|---------|------------------|--------|------------------|
|       |          |         | φe               | Z      | φg               |
| JC    | TM<br>RM | 04      | 8                | M4×0.7 | 2.0~             |
|       |          | 06      | 10               | M6×1   | 3.5~             |
|       |          | 08      | 12               | Rc1/16 | 4.5~             |
|       |          | 10      | 13               | Rc1/8  | 6.0~             |

## ● Torque for tightening

| Nominal | Recommended Torque for Tightening (N•m) |
|---------|---|
| 04      | 0.2                                     |
| 06      | 1                                       |
| 08      | 4                                       |
| 10      | 8                                       |

## ● Example of order code designation

|       |      |         |         |                  |                      |                            |   |
|-------|------|---------|---------|------------------|----------------------|----------------------------|---|
| Model | Type | Nominal | LengthL | OuterLength<br>E | Inner<br>ProtrusionJ | Inner Tube<br>Outer Dia. M | Designate L E J   |
| JC    | RM   | 06      | L200    | E150             | J50                  | M1.2                       | ※Please order L,E,J by a<br>1mm unit.<br>M is entry-free in the case of standard. |

## ● Example of order extra processing

|       |      |         |         |                  |                      |                      |            |
|-------|------|---------|---------|------------------|----------------------|----------------------|------------|
| Model | Type | Nominal | LengthL | OuterLength<br>E | Inner<br>ProtrusionJ | ExtraProcessing Code |            |
| JC    | RM   | 06      | L200    | E150             | J50                  | MK59N                | CO4 - M1.2 |