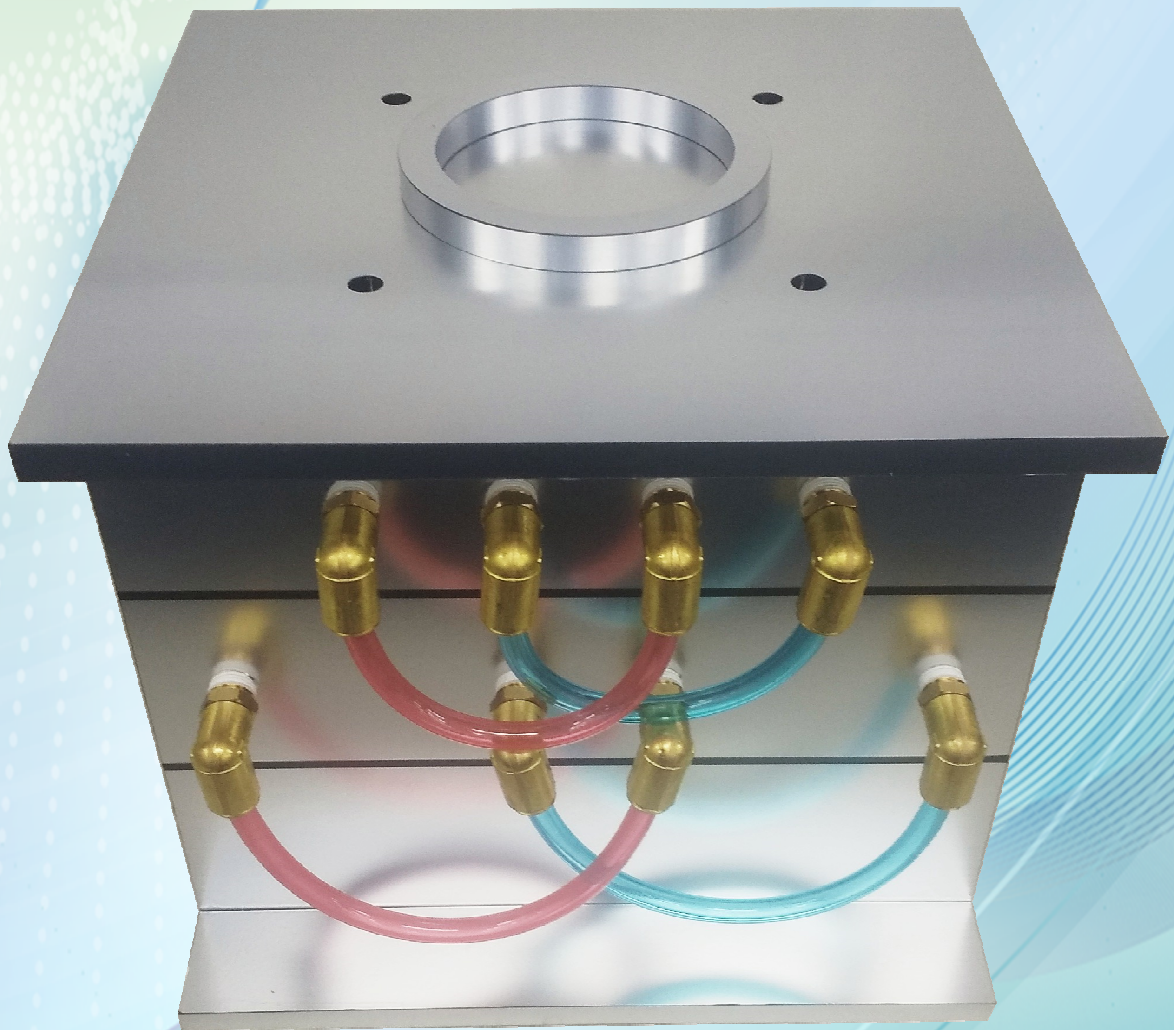








Cooling System

Fitting & Tubing



Long Life Usage

Tubing

| | polyurethane Tubing | | | Teflon Tubing | PolyurethaneTubing |
|--------------------------------|--|------------------|---|---------------------------------|---|
| | TE | P-Flex | | TFN | |
| Heat Resistant |  | | | | High Temperature Contact |
| |  | |  | |  |
| Media | Compressed Air | Industrial Water | Industrial Water | Compressed Air·Industrial Water | Industrial Water |
| Working Temperature Range (°C) | -5~60 | 5~40 | 0~80 | 0~260 | 5~40 |
| Max. Working Pressure (MPa) | 0.8 | 0.3 | 0.3 | 0.8 | 0.3 |
| Max. Burst Pressure (MPa) | 3 | | 3 | 3 | 3 |
| | O.D. | I.D. | Model No. | | Model No. |
| 4 | 2 | | | TFN-4 | |
| | 2.5 | | TE-4 x 2.5 | | |
| 6 | 4 | | TE-6 | TFN-6 | ALE-6 |
| 8 | 5 | | TE-8 | 8P | ALE-8 |
| | 6 | | | TFN-8 | |
| 10 | 6.5 | | TE-10 | 10P | ALE-10 |
| | 8 | | | TFN-10 | |
| 12 | 8 | | TE-12 | 12P | ALE-12 |
| | 10 | | | TFN-12 | |
| 16 | 11 | | TE-16 | | |

* The value at a temperature of 20°C(68°F) Please choose dedicated fitting when used industrial water.

Tubing


| | Model No. | Size O.D. x I.D | Min. Turning Radius (mm) | O.D. Min. Turnin g Radius (mm) | Weight (g/m) | Standard | | Standard Color | |
|----|------------|--------------------|--------------------------------|--------------------------------------|-----------------|----------|------|-------------------|---|
| | | | | | | 20m | 100m | | |
| TE | TE-4 x 2.5 | 4 x 2.5 | 5 | ±0.1 | 9 | ● | ● | Black | Transparent Blue |
| | TE-6 | 6 x 4 | 12 | | 19 | ● | ● | Red | Blue |
| | TE-8 | 8 x 5 | 15 | | 37 | ● | ● | Transparent Red | Yellow |
| | TE-10 | 10 x 6.5 | 25 | +0.1 -0.15 | 55 | ● | ● | Transparent Green | Orange |
| | TE-12 | 12 x 8 | 28 | | 76 | ● | ● | Light Green | White |
| | ※TE-16 | 16 x 11 | 30 | | 127 | ● | ● | Green | |
| | | | | | | | | | ※Transparent Green/Transparent Red/Transparent Yellow are not available TE-16 |

| | Model No. | Size O.D. x I.D | Min. Turning Radius (mm) | O.D. Min. Turnin g Radius (mm) | Weight (g/m) | Standard | | Standard Color | |
|--------|-----------|--------------------|--------------------------------|--------------------------------------|-----------------|----------|------|------------------|------------------|
| | | | | | | 20m | 100m | | |
| P-Flex | 8P | 8 x 5 | 15 | +0.05 -0.2 | 37 | ● | ● | Transparent Blue | Transparent Pink |
| | 10P | 10 x 6.5 | 25 | +0.1 | 55 | ● | ● | | |
| | 12P | 12 x 8 | 28 | -0.2 | 76 | ● | ● | | |





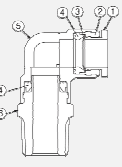
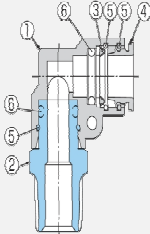
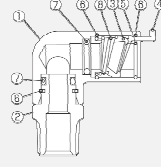
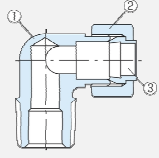
| | Model No. | Size O.D. x I.D | Min. Turning Radius (mm) | O.D. Min. Turnin g Radius (mm) | Weight (g/m) | Standard | | | Standard Color |
|---------------|-----------|--------------------|--------------------------------|--------------------------------------|-----------------|----------|-----|------|----------------|
| | | | | | | 20m | 50m | 100m | |
| Teflon Tubing | TFN-4 | 4 x 2 | 30 | ±0.1 | 20 | ● | | ● | translucent |
| | TFN-6 | 6 x 4 | 50 | | 30 | ● | | ● | |
| | TFN-8 | 8 x 6 | 80 | | 50 | ● | | ● | |
| | TFN-10 | 10 x 8 | 120 | ±0.12 | 60 | ● | ● | | |
| | TFN-12 | 12 x 10 | 200 | ±0.15 | 100 | ● | ● | | |

| | Model No. | Size O.D. x I.D | Min. Turning Radius (mm) | O.D. Min. Turnin g Radius (mm) | Weight (g/m) | Standard | | Standard Color | |
|------------|-----------|--------------------|--------------------------------|--------------------------------------|-----------------|----------|------|----------------|--------|
| | | | | | | 20m | 100m | | |
| ALE Tubing | ALE-6 | 6 x 4 | 60 | ±0.1 | 53 | ● | ● | Black | White |
| | ALE-8 | 8 x 5 | 80 | | 80 | ● | ● | Green | Red |
| | ALE-10 | 10 x 6.5 | 100 | +0.1 -0.15 | 108 | ● | ● | Blue | Yellow |
| | ALE-12 | 12 x 8 | 120 | | 140 | ● | ● | | |

※Tubing with aluminum film. Peeling outer cover before using.

| Inner Support | | |
|---|----|-------|
|  | 4 | IS-4 |
| | 6 | IS-6 |
| | 8 | IS-8 |
| | 10 | IS-10 |
| | 12 | IS-12 |

FITTINGS

| | | Fittings | | | | | | Sleeve Fittings | |
|--|---|---|--|---|--|--|--|---|--|
| | | Five | | FUJI-V | | CK | | Sleeve Connector | |
| | | TOUCH CONNECTOR FIVE | | TOUCH CONNECTOR FUJI-V | | TOUCH CONNECTOR | | Sleeve Fitting | |
| | |  | |  | |  | |  | |
| | |  | |  | |  | |  | |
| Parts | ① | PBT | | C3604BD(Brass) | | C3604(Brass) | | C3604(Brass) | |
| | ② | PBT | | C3604BD(Brass) | | C3604(Brass) | | C3604(Brass) | |
| | ③ | SUS | | C5210R(phosphor bronze) | | Standard:Brass | | C3604(Brass) | |
| | ④ | NBR | | ZDC1(Zinc alloy) Brass plating treatment | | ZDC1(Zinc alloy) Brass plating treatment | | | |
| | ⑤ | PBT | | SUS304 | | Polyacetal | | | |
| | ⑥ | C3604BD | | Fluorine-Containing Rubber | | SUS | | | |
| | ⑦ | | | | | NBR | | | |
| | ⑧ | | | | | Piano Wire(Trivalent Chromate) | | | |
| Media | Compressed Air | Industrial Water | Compressed Air | Industrial Water | Compressed Air | Industrial Water | Compressed Air | Industrial Water | |
| Working Temperature Range (°C) | -5~60 | 5~40 | -5~60 | 0~200 | -5~60 | 5~40 | -5~60 | 5~40 | |
| Max. Working Pressure ※The Value at a temperature of 20°C | 1 MPa | 0.3 MPa | 0.8 MPa | 1 MPa | 1 MPa | 0.3 MPa | 1 MPa | 0.3 MPa | |
| Features | <ul style="list-style-type: none"> ● Standard Type ● Body color can be selected from white or black ● Metal parts are nickel plated ● The resin part is made of flame-retardant resin ● The model number is engraved on the main body. | | <ul style="list-style-type: none"> ● Adopts a rotating lock ring. Prevents the tube from turning (rotating) and breaking ● Adopts an O-ring seal that is resistant to leakage. ● All exterior parts are metal parts. Reduces the risk of being hit and broken when replacing molds. | | <ul style="list-style-type: none"> ● One-touch fitting has the highest level of pull-out strength and durability. ● By changing the O-ring and lock ring, a high-temperature specification type of metal tube is possible. | | <ul style="list-style-type: none"> ● Can be used with copper pipes by making to order. (See page 6) | | |
| General Catalog Page | A- 1 ~ 1 9 | | A- 3 4 ~ 3 9 | | A- 2 1 ~ 2 7 | | A- 4 0 ~ 6 4 | | |


* The value at a temperature of 20°C(68°F) Please choose dedicated fitting when used industrial water.




Please refer to general catalog for size detail



TOUCH CONNECTOR FIVE

| Model | Tubing O.D. | Body Color | Thread T | | | | |
|--|---|------------|-----------|------------|------------|------------|--|
| | | | R 1/8 | R 1/4 | R 3/8 | R 1/2 | |
| Straight  | 4 | Black | F4-01M | F4-02M | | | |
| | | White | F4-01MW | F4-02MW | | | |
| | 6 | Black | F6-01M | F6-02M | F6-03M | | |
| | | White | F6-01MW | F6-02MW | F6-03MW | | |
| | 8 | Black | F8-01M | F8-02M | F8-03M | | |
| | | White | F8-01MW | F8-02MW | F8-03MW | | |
| | 10 | Black | F10-01M | F10-02M | F10-03M | F10-04M | |
| | | White | F10-01MW | F10-02MW | F10-03MW | F10-04MW | |
| | 12 | Black | | F12-02M | F12-03M | F12-04M | |
| | | White | | F12-02MW | F12-03MW | F12-04MW | |
| | 16 | Black | | | F16-03M | F16-04M | |
| | | White | | | F16-03MW | F16-04MW | |
| | Straight with HEX Key  | 4 | Black | F4-01MS | | | |
| | | | White | F4-01MSW | | | |
| 6 | | Black | F6-01MS | F6-02MS | | | |
| | | White | F6-01MSW | F6-02MSW | | | |
| 8 | | Black | F8-01MS | F8-02MS | F8-03MS | | |
| | | White | F8-01MSW | F8-02MSW | F8-03MSW | | |
| 10 | | Black | F10-01MS | F10-02MS | F10-03MS | F10-04MS | |
| | | White | F10-01MSW | F10-02MSW | F10-03MSW | F10-04MSW | |
| 12 | | Black | | F12-02MS | F12-03MS | F12-04MS | |
| | | White | | F12-02MSW | F12-03MSW | F12-04MSW | |
| Elbow  | | 4 | Black | F4-01ML | F4-02ML | | |
| | | | White | F4-01MLW | F4-02MLW | | |
| | | 6 | Black | F6-01ML | F6-02ML | F6-03ML | |
| | | | White | F6-01MLW | F6-02MLW | F6-03MLW | |
| | 8 | Black | F8-01ML | F8-02ML | F8-03ML | | |
| | | White | F8-01MLW | F8-02MLW | F8-03MLW | | |
| | 10 | Black | F10-01ML | F10-02ML | F10-03ML | F10-04ML | |
| | | White | F10-01MLW | F10-02MLW | F10-03MLW | F10-04MLW | |
| | 12 | Black | | F12-02ML | F12-03ML | F12-04ML | |
| | | White | | F12-02MLW | F12-03MLW | F12-04MLW | |
| | 16 | Black | | | F16-03ML | F16-04ML | |
| | | White | | | F16-03MLW | F16-04MLW | |
| | Long Elbow  | 4 | Black | F4-01M2L | F4-02M2L | | |
| | | | White | F4-01M2LW | F4-02M2LW | | |
| 6 | | Black | F6-01M2L | F6-02M2L | | | |
| | | White | F6-01M2LW | F6-02M2LW | | | |
| 8 | | Black | F8-01M2L | F8-02M2L | F8-03M2L | | |
| | | White | F8-01M2LW | F8-02M2LW | F8-03M2LW | | |
| 10 | | Black | | F10-02M2L | F10-03M2L | F10-04M2L | |
| | | White | | F10-02M2LW | F10-03M2LW | F10-04M2LW | |
| 12 | | Black | | F12-02M2L | F12-03M2L | F12-04M2L | |
| | | White | | F12-02M2LW | F12-03M2LW | F12-04M2LW | |

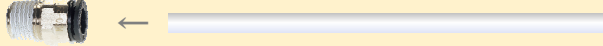
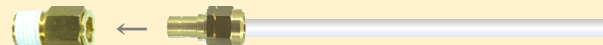
| Model | Body Color | Tubing O.D. | | | | | |
|---|------------|-------------|-----------|-----------|------------|------------|------------|
| | | 4 | 6 | 8 | 10 | 12 | 16 |
| Union Tee  | Black | FR4-00UT | FR6-00UT | FR8-00UT | FR10-00UT | FR12-00UT | FR16-00UT |
| | White | FR4-00UTW | FR6-00UTW | FR8-00UTW | FR10-00UTW | FR12-00UTW | FR16-00UTW |

| Model | Body Color | Tubing O.D. | | | | | |
|---|------------|-------------|----------|----------|-----------|-----------|-----------|
| | | 4 | 6 | 8 | 10 | 12 | 16 |
| Union  | Black | FR4-00U | FR6-00U | FR8-00U | FR10-00U | FR12-00U | FR16-00U |
| | White | FR4-00UW | FR6-00UW | FR8-00UW | FR10-00UW | FR12-00UW | FR16-00UW |
| Plug PN  | Black | | F6-PN | F8-PN | F10-PN | F12-PN | |
| | White | | F6-PNW | F8-PNW | F10-PNW | F12-PNW | |
| Plug PL  | Black | | F6-PL | F8-PL | F10-PL | F12-PL | |
| | White | | F6-PLW | F8-PLW | F10-PLW | F12-PLW | |

TOUCH CONNECTOR FUJI-V






| Model | Tubing O.D. | Thread T | | | |
|--|-------------|------------|-------------|-------------|-------------|
| | | R 1/8 | R 1/4 | R 3/8 | R 1/2 |
| Straight  | 8 | 8-01M-V | 8-02M-V | 8-03M-V | |
| | 10 | 10-01M-V | 10-02M-V | 10-03M-V | |
| | 12 | | 12-02M-V | 12-03M-V | 12-04M-V |
| Elbow  | 8 | 8-01MLB-V | 8-02MLB-V | 8-03MLB-V | |
| | 10 | 10-01MLB-V | 10-02MLB-V | 10-03MLB-V | |
| | 12 | | 12-02MLB-V | 12-03MLB-V | 12-04MLB-V |
| Long Elbow  | 8 | 8-01M2LB-V | 8-02M2LB-V | 8-03M2LB-V | |
| | 10 | | 10-02M2LB-V | 10-03M2LB-V | |
| | 12 | | 12-02M2LB-V | 12-03M2LB-V | 12-04M2LB-V |
| Union Tee  | 8 | 8-00UTB-V | | | |
| | 10 | 10-00UTB-V | | | |
| | 12 | 12-00UTB-V | | | |
| L Connector  | 8 | 8-00LCB-V | | | |
| | 10 | 10-00LCB-V | | | |
| | 12 | 12-00LCB-V | | | |
| Straight Connector  | 8 | HF8-8RC | | | |
| | 10 | HF10-10RC | | | |
| | 12 | HF12-12RC | | | |
| Indicator Ring  | 8 | 8-CR-□ | | | |
| | 10 | 10-CR-□ | | | |
| | 12 | 12-CR-□ | | | |

[Measures to improve the durability of fluororesin tubes]

| | |
|--------------------------------|--|
| Standard |  |
| Countermeasure products |  |

※Straight Connector can only be used with the FUJI-V series.

TOUCH CONNECTOR

| Model | Tubing O.D. | Thread T | | | |
|---|-------------|-------------|--------------|--------------|--------------|
| | | R 1/8 | R 1/4 | R 3/8 | R 1/2 |
| Straight  | 4 | CKN-4-01 | CKN-4-02 | | |
| | 6 | CKN-6-01 | CKN-6-02 | CKN-6-03 | |
| | 8 | CKN-8-01 | CKN-8-02 | CKN-8-03 | |
| | 10 | CKN-10-01 | CKN-10-02 | CKN-10-03 | CKN-10-04 |
| | 12 | | CKN-12-02 | CKN-12-03 | CKN-12-04 |
| Elbow  | 4 | CKL-4-01 | CKL-4-02 | | |
| | 6 | CKL-6-01 | CKL-6-02 | CKL-6-03 | |
| | 8 | CKL-8-01 | CKL-8-02 | CKL-8-03 | |
| | 10 | CKL-10-01 | CKL-10-02 | CKL-10-03 | CKL-10-04 |
| | 12 | | CKL-12-02 | CKL-12-03 | CKL-12-04 |
| Long Elbow  | 4 | CKL-4-01-2L | CKL-4-02-2L | | |
| | 6 | CKL-6-01-2L | CKL-6-02-2L | | |
| | 8 | CKL-8-01-2L | CKL-8-02-2L | CKL-8-03-2L | |
| | 10 | | CKL-10-02-2L | CKL-10-03-2L | CKL-10-04-2L |
| | 12 | | CKL-12-02-2L | CKL-12-03-2L | CKL-12-04-2L |
| Union  | 6 | CUN-6-00 | | | |
| | 8 | CUN-8-00 | | | |
| | 10 | CUN-10-00 | | | |
| | 12 | CUN-12-00 | | | |
| Union Tee  | 6 | CUT-6-00 | | | |
| | 8 | CUT-8-00 | | | |
| | 10 | CUT-10-00 | | | |
| | 12 | CUT-12-00 | | | |

Customize

■ Viton specifications

By changing the O-ring to Viton, it can handle high-temperature water.

[Model No. **CKN-6-01-OF**
Example]

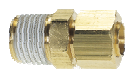


■ Copper tube specifications

Metal pipes can be used by changing the built-in parts.

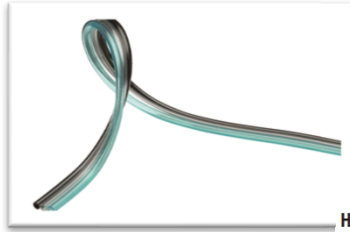
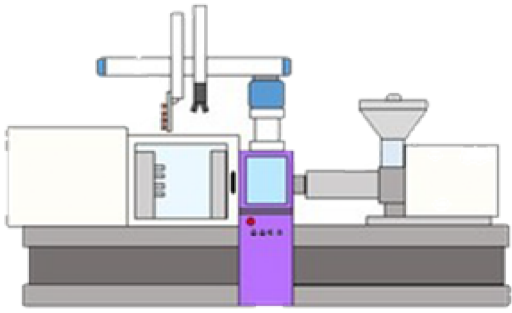
[Model No. **CKN-6-01-S**
Example]



Sleeve Connector

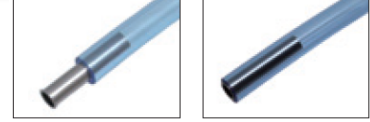
| Model | Tubing O.D. | Thread T | | | |
|--|-------------|------------|-----------|-----------|-----------|
| | | R 1/8 | R 1/4 | R 3/8 | R 1/2 |
| Straight  | 4 | YPN-4-01 | YPN-4-02 | | |
| | 6 | YPN-6-01 | YPN-6-02 | | |
| | 8 | YPN-8-01 | YPN-8-02 | YPN-8-03 | |
| | 10 | YPN-10-01 | YPN-10-02 | YPN-10-03 | YPN-10-04 |
| Elbow  | 4 | YPL-4-01 | YPL-4-02 | | |
| | 6 | YPL-6-01 | YPL-6-02 | | |
| | 8 | YPL-8-01 | YPL-8-02 | YPL-8-03 | |
| Sleeve  <small>1 Pack (10 pcs)</small> | 4 | Sleeve Φ4 | | | |
| | 6 | Sleeve Φ6 | | | |
| | 8 | Sleeve Φ8 | | | |
| | 10 | Sleeve Φ10 | | | |

For Take-Out Robot



Super Soft Type Tube

How to connect "INNER SUPPORT"



| SP | Model No. | Size O.D. x I.D | Min. Turning Radius (mm) | O.D.Min. Turnin g Radius (mm) | Weight (g/m) | Standard | | Standard Color | |
|----|--------------|--------------------|--------------------------------|-------------------------------------|-----------------|----------|----------|--------------------------|--------------------|
| | | | | | | Mpa | 20m/100m | Transparent Blue (CB) | Transparent (C) |
| | SP-4 | 4 x 2.5 | 17 | +0.05 -0.2 | 9 | 0.4 | ● | Black (BK) | Black (BK) |
| | SP-6 | 6 x 4 | 28 | | 19 | 0.4 | | | |
| | SP-8 | 8 x 5 | 38 | 37 | 0.4 | | | | |
| | SP-10 | 10 x 6.5 | 47 | +0.1 | 55 | 0.35 | | | |
| | SP-12 | 12 x 8 | 55 | -0.2 | 76 | 0.35 | | | |

■ Specification

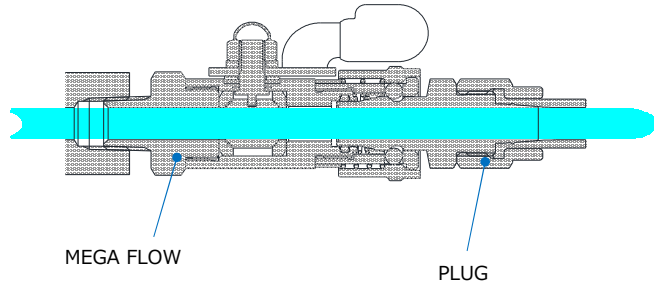
| | |
|----------------------|---------------------------|
| Media | Industrial Water (Air) |
| Temp Range | 5~40℃ (-5~60℃) |
| Max Working Pressure | 0.3MPa (2.0MPa) |

※The Value at a temperature of 20°C(68°F)

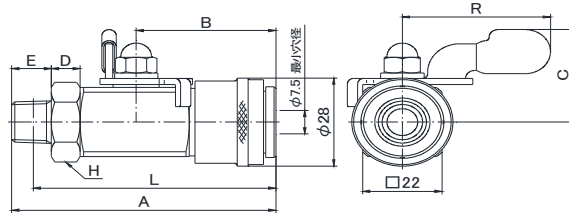
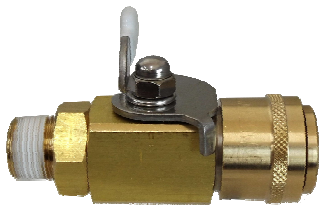
Water hammer considered in value above

■ Internal Structure

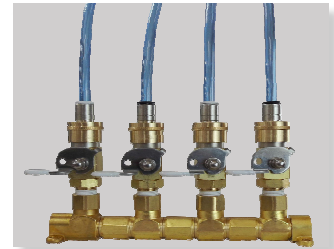
※Connecting with PLUG



MEGA FLOW FOR INDUSTRIAL WATER



| Model | Thread | A | B | C | D | E | F | H | (g) |
|----------|--------|----|----|----|---|----|----|----|-----|
| MVS-2M-W | R1/4 | 73 | 39 | 29 | 8 | 11 | 41 | 22 | 208 |
| MVS-3M-W | R3/8 | 74 | 39 | 29 | 8 | 12 | 41 | 22 | 212 |



Connector Plug Series

● Plug (Brass)

| Model | Thread |
|----------|--------|
| 4 PB-02M | R1/4 |

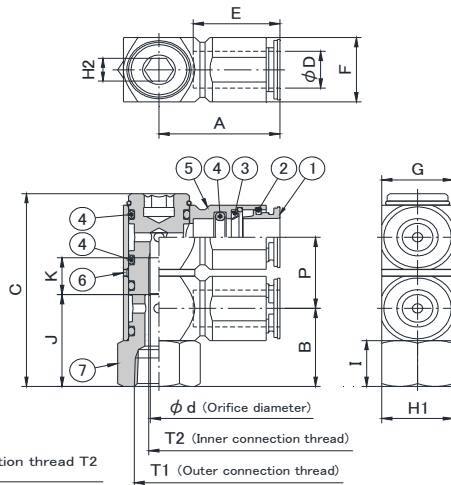
● Plug (with Fitting)

| Model | Tube Size |
|--------|-----------|
| F10-PN | 10mm |
| F12-PN | 12mm |

● Plug (with Fitting)

| Model | Tube Size |
|--------|-----------|
| F10-PL | 10mm |
| F12-PL | 12mm |

DOUBLE BANJO for Mold cooling piping



8 - O2 F S2 - V M
 Tube O.D. | Connection thread T1 | Female | Double banjo | O-ring material | Connection thread T2 | M:mm



<Main parts material list>

| | | | | | |
|---|--------------|------------------|---|--------|-------|
| 1 | Release ring | Zinc Die casting | 5 | Body | Brass |
| 2 | Stop ring | Stainless | 6 | Collar | Brass |
| 3 | Lock ring | Phosphor bronze | 7 | Shaft | Brass |
| 4 | O-ring | FKM | | | |

<Product specifications>

| | |
|---------------------------|------------------|
| Media | Industrial water |
| Working Temperature range | 0~200°C |
| Max.Working pressure | 1 Mpa |

※1) The maximum heat-resistant temperature of FKM is 200°C

※2)The maximum working pressure is the value at a water temperature of 20°C

| Model | A | B | C | Tube O.D. φ | E | F | G | H1 | H2 | I | J | K | P | Outer pipe and Inner pipe connection thread | | Orifice diameter φd |
|------------|------|------|------|-------------|------|-----|----|----|----|------|------|------|------|---|-----------|---------------------|
| | | | | | | | | | | | | | | T1 | T2 | |
| 6-16FS2-VM | 21.7 | 16.0 | 40.0 | 6 | 16.3 | φ12 | 12 | 12 | 4 | 10.0 | 18.0 | 8.0 | 13.5 | Rc1/16 | M4x0.5 | 3.5 |
| 8-01FS2-VM | 23.7 | 17.0 | 44.0 | 8 | 17.0 | φ14 | 14 | 14 | 5 | 10.0 | 20.0 | 8.0 | 15.5 | Rc1/8 | M4x0.5 | 3.5 |
| 8-02FS2-VM | 25.7 | 21.5 | 54.0 | 8 | 17.0 | φ15 | 17 | 17 | 6 | 13.0 | 25.0 | 9.0 | 18.5 | Rc1/4 | M6x0.75 | 5.3 |
| 8-03FS2-VM | 26.7 | 24.5 | 59.0 | 8 | 17.0 | φ15 | 19 | 21 | 8 | 14.0 | 26.0 | 12.0 | 20.5 | Rc3/8 | M8 x 0.75 | 6.0 |

Customize

TOUCH CONNECTOR FUJI φ4, φ6, φ8 Viton o-ring (OF Type)

By changing the O-ring to Viton, it can handle high-temperature air.

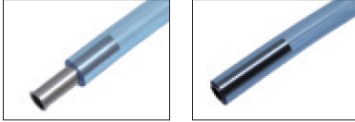
| Straight | Tubing O.D. (mm) | Thread T | | |
|--------------------------------------|------------------|--|----------|----------|
| | | R 1/8 | R 1/4 | R 3/8 |
| | 4 | 4-01M-V | 4-02M-V | |
| | 6 | 6-01M-V | 6-02M-V | 6-03M-V |
| | | | | |
| Union | Tubing O.D. (mm) | No Thread | | |
| | | 4-00-V | | |
| | | 6-00-V | | |
| Male Elbow | Tubing O.D.(mm) | Thread T | | |
| | | R 1/8 | R 1/4 | R 3/8 |
| | | 4 | 4-01ML-V | 4-02ML-V |
| Female connector | Tubing O.D.(mm) | Thread T | | |
| | | R 1/8 | R 1/4 | R 3/8 |
| | | 4 | 4-01F-V | 4-02F-V |
| | 6 | 6-01F-V | 6-02F-V | 6-03F-V |
| | 8 | 8-01F-V | 8-02F-V | 8-03F-V |
| Example of Installation FUJI-OF Type | | FUJI-OF using with Jet Cooler "φ4, 6, 8" | | |
| | | | | |

Optional Items for Tubing

Inner Support



How to connect "INNER SUPPORT"



| Model | Tubing O.D. φD | Applicable tubing |
|-------|----------------|--|
| IS-4 | 4x2.5 | TE tubing P-FLEX tubing ALE tubing |
| IS-6 | 6x4 | |
| IS-8 | 8x5 | |
| IS-10 | 10x6.5 | |
| IS-12 | 12x8 | |

※ This product is intended for use in flexible tubing and tubing used in industrial water piping.

※ It cannot be used for products other than applicable tubes.

※ This product can't use with TFN tubing and MTP tubing

※ Avoid twisting the tube at the fitting. Doing so may cause damage to fitting or malfunction that prevents tubing from coming off.

Tube cutter TC-16



【Spare Blade】



■ Specification

Tube O.D 4~16mm

| Model | |
|-------------|---------------|
| Body | T C - 1 6 |
| Spare Blade | T C - 1 6 S C |

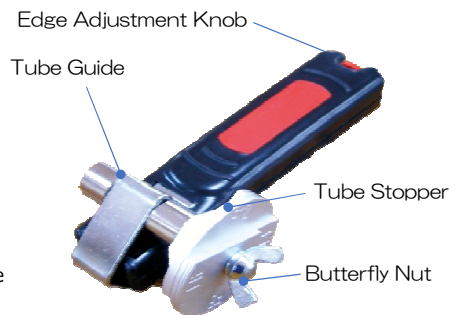
※ The price of the main unit is one, the replacement blade is 10 pieces.

Cover peeler C-18

■ Specification

Cover peeling for ALE tubing

| Model | |
|-------------|--------|
| Body | C-18 |
| Spare Blade | C-18SC |



(1) Tube stopper adjustment



Please loosen the tube stopper by butterfly nut then set the tube stopper position for applicable fitting type and tube.

(2) Fixing tube



Please press the fixed tube guide with your thumb and insert tube toward the end of tube stopper then pinch the tube .

(3) Cutter edge adjustment



The depth of the internal cutter can be adjusted by the edge adjustment knob. Please turn the knob to the right for plus adjustment or turn the left for minus adjustment.

(4) Cutting of the external cover



Please hold C-18 firmly by hand, and rotate it counterclockwise 2-3 times.

(5) Peeling of the external cover




Please keep to hold C-18 and rotate the tube clockwise, then pull it out from C-18 gradually.

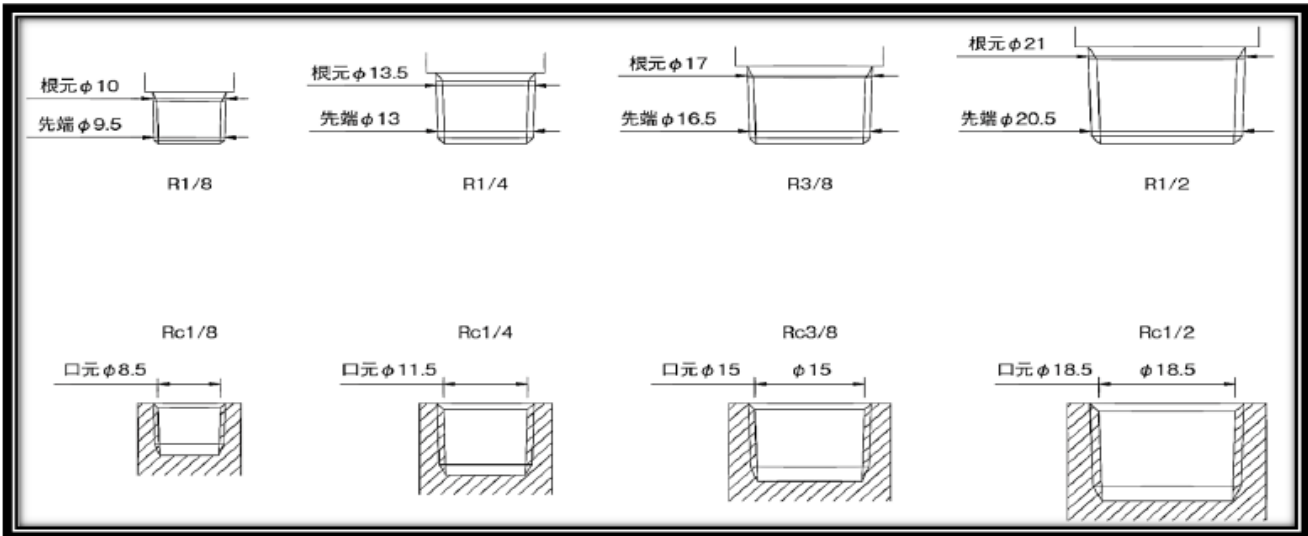
Braded Hose for Industrial Water



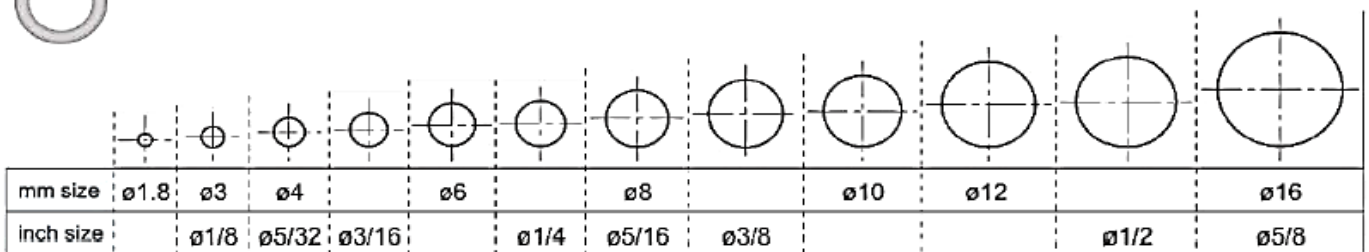
| FH | Model No. | Size O.D. x I.D | Min. Turning Radius (mm) | O.D. Min. Turnin g Radius (mm) | Standard | | | Standard Color | |
|--------------|-------------|--------------------|--------------------------------|--------------------------------------|----------|-----|------------------|--------------------|--------------|
| | | | | | 20m | 50m | 100m | Light Blue (LB) | White (W) |
| | FH-8 | 12 x 8 | 80 | ±0.3 | ● | ● | ● | | |
| FH-11 | 16 x 11 | 80 | ● | | ● | ● | Working Pressure | | |
| FH-16 | 21 x 16 | 90 | ● | | ● | ● | 0.3 | | |

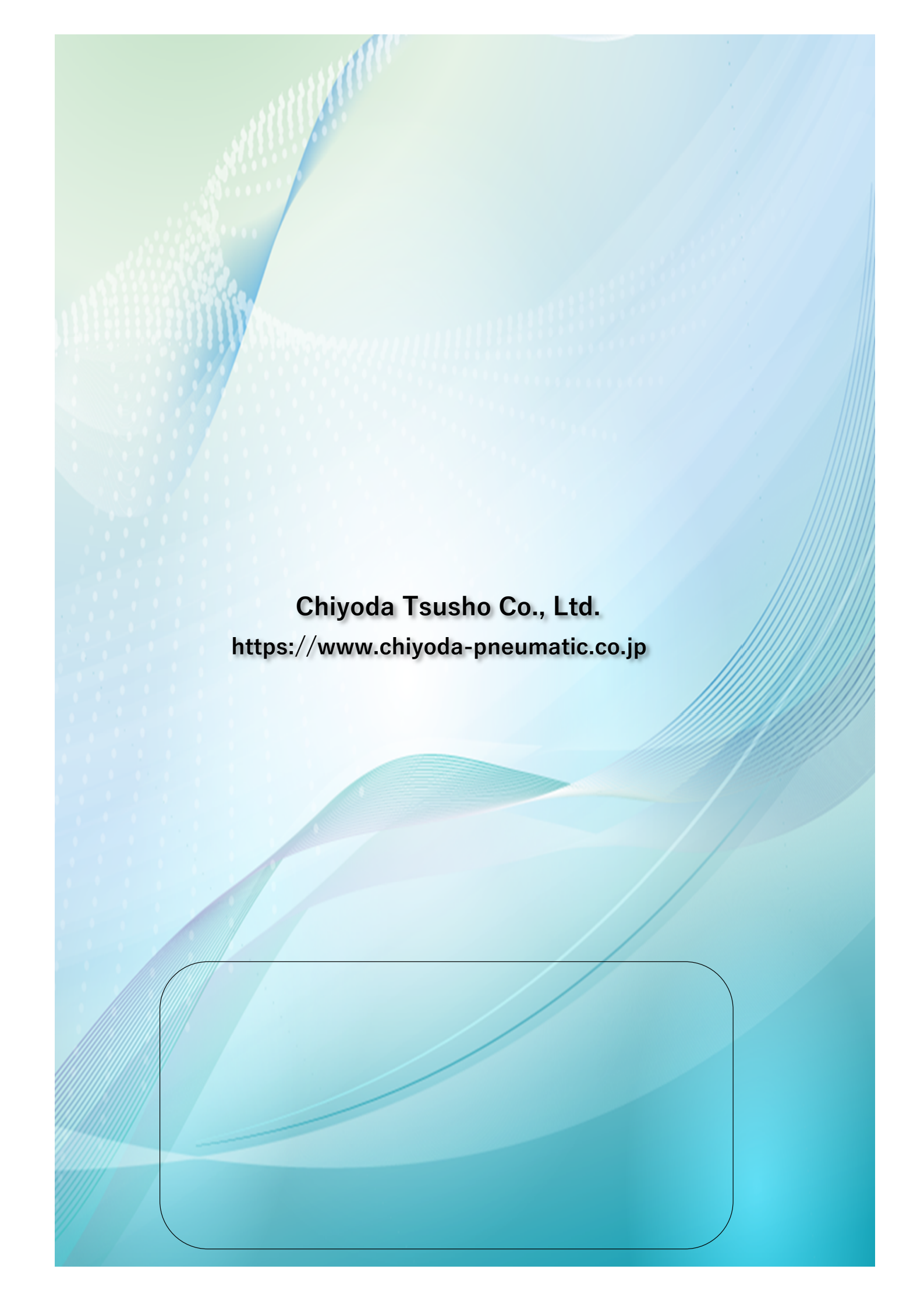
| Fitting | Model No. | Size O.D. x I.D | Model No. | Size O.D. x I.D |  |
|---------|--------------|--------------------|---------------|--------------------|---|
| | H8-2M | 12 x 8 | H11-3M | 16 x 11 | |
| | H8-3M | 12 x 8 | H11-4M | 16 x 11 | |
| | | | H16-4M | 21 x 16 | |

Thread and Tube Size Full Scale Chart



Tube diameter (mm size & inch size)





Chiyoda Tsusho Co., Ltd.
<https://www.chiyoda-pneumatic.co.jp>