

# Self-align Fittings

## Series *H, DL, L, LL*

■ Applicable tubing O.D.: **Metric Size**

■ Connecting thread: **R, Rc**

★ **Spatter Proof**

### Ferrule with no orientation.

The non-oriented construction is free from mistakes and consequent working loss or accidents when inserting the ferrule into the fitting body.

### Hardened ridge ferrule.

The single bite construction with a strong ridge prevents breakage of ferrule when tightening.

### Small pressure loss.

A large flow rate is achieved with small flow resistance due to the construction without an insert.

### Wide variety of styles and sizes.

10 models including swivel styles and 5 tubing O.D. provide a wide range of fittings that will fit any application.



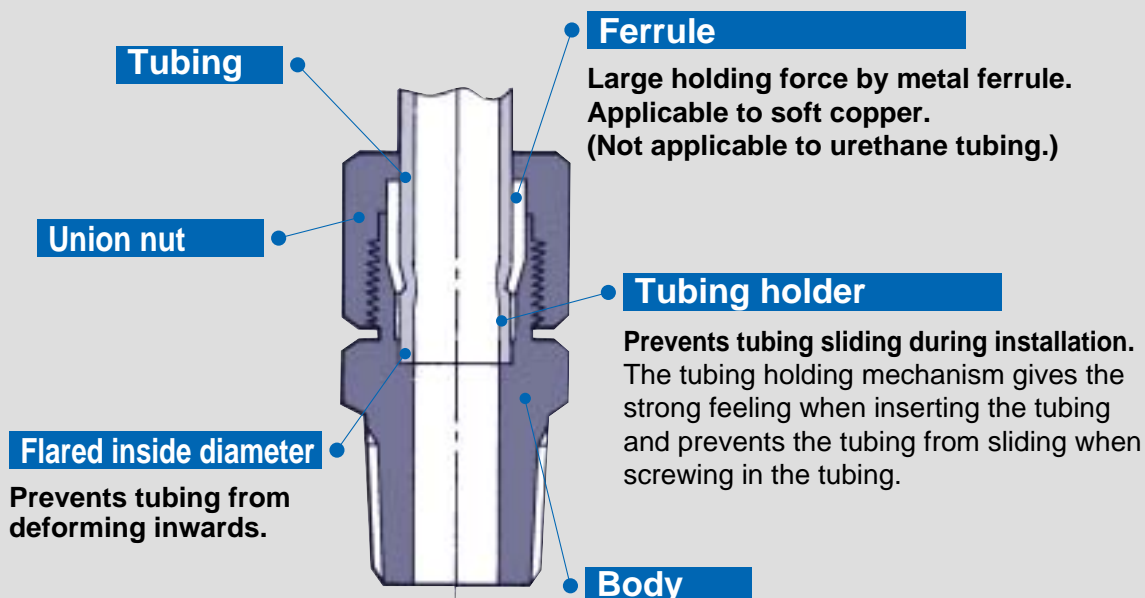
### Specifications

Applicable tubing material		Nylon tubing, Soft nylon tubing, Soft copper tubing (C1220T-O)
Applicable tubing O.D.		ø4, ø6, ø8, ø10, ø12
Max. operating pressure		1.0MPa
Proof pressure		10MPa
Fluid		Air
Thread	Thread portion	JIS B 0203 (Taper thread for piping)
	Nut part	JIS B 0211 Class 2 (Metric fine thread)
Sealant (Thread portion) <sup>Note)</sup>		None or with sealant

Note) The male elbow, male branch tee and service tee union with sealant are manufactured upon receipt of order.

### Main Parts Material

Body	C3604BD, C3771BE
Nut	C3604BD
Ferrule	C2700T




PAT.

## Male Branch Tee

## DT


To branch the line from the female thread at 90° in each direction.

	Applicable tubing mm	Connecting thread	Model
	4	R1/8	DT04-01
		R1/4	-02
6	6	R1/8	DT06-01
		R1/4	-02
		R3/8	-03
8	8	R1/8	DT08-01
		R1/4	-02
		R3/8	-03
10	10	R1/4	DT10-02
		R3/8	-03
		R1/2	-04
12	12	R1/4	DT12-02
		R3/8	-03
		R1/2	-04

## Male Run Tee

## DY


To branch the line from the female thread in the same direction and at 90°.

	Applicable tubing mm	Connecting thread	Model
	4	R1/8	DY04-01
		R1/4	-02
6	6	R1/8	DY06-01
		R1/4	-02
		R3/8	-03
8	8	R1/8	DY08-01
		R1/4	-02
		R3/8	-03
10	10	R1/4	DY10-02
		R3/8	-03
		R1/2	-04
12	12	R1/4	DY12-02
		R3/8	-03
		R1/2	-04

## Bulkhead Union

## DE


To connect tubing through a panel.

	Applicable tubing mm	Model
	4	DE04-00
	6	DE06-00
	8	DE08-00
	10	DE10-00
	12	DE12-00

## Union Tee

## DT


To branch tubing into 2 directions each at 90° to the original one.

	Applicable tubing mm	Model
	4	DT04-00
	6	DT06-00
	8	DT08-00
	10	DT10-00
	12	DT12-00

## Female Connector

## DHF


To pipe from the male threaded portion of a pressure gauge, etc.

	Applicable tubing mm	Connecting thread	Model
	4	Rc1/4	DHF04-02
	6	Rc1/4	DHF06-02
		Rc3/8	-03
	8	Rc1/4	DHF08-02
	10	Rc1/4	DHF10-02
	12	Rc1/4	DHF12-02

## Bulkhead Female Connector

## DEF


Used for trunk connection between tubing and a male thread installed through a panel.

	Applicable tubing mm	Connecting thread	Model
	6	Rc1/4	DEF06-02
	8	Rc3/8	DEF08-03
	10	Rc3/8	DEF10-03
	12	Rc3/8	DEF12-03

## Plug

## DP

To plug unused self-align fittings.

	Applicable fitting size	Model
	ø4	DP-04
	ø6	DP-06
	ø8	DP-08
	ø10	DP-10
	ø12	DP-12