

Self-align Fittings

Series *H/DL/L/LL*

Flared ridge ferrule

Prevents accidental loss of ferrule when inserting tubing into the fitting body.

Hardened ridge ferrule

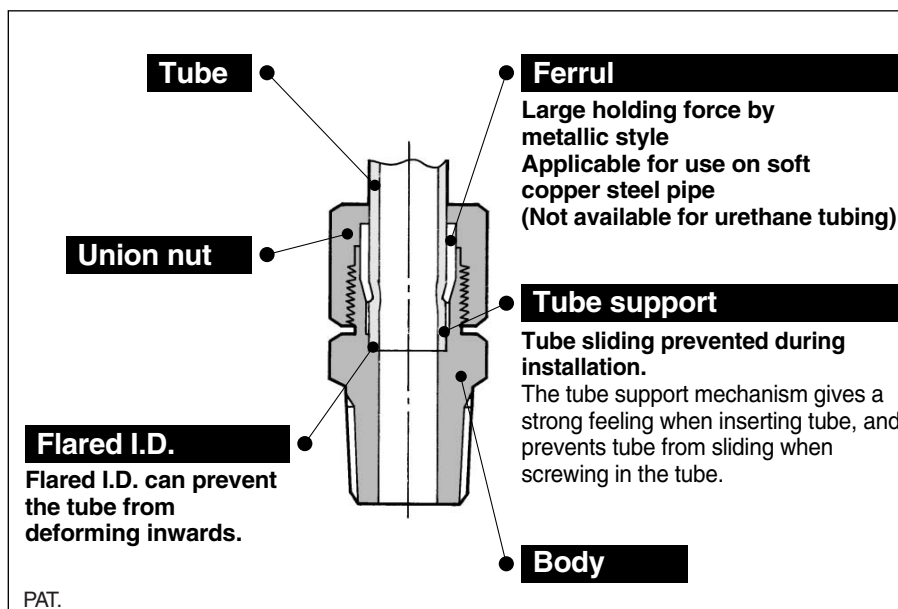
Prevents breakage of ferrule when tightening nut.

Flared I.D.

Provides low flow resistance inside the fitting.

Wide variety of styles and sizes

Ten styles and five tube O.D.'s provide a wide range of fittings that will fit any application.



Specifications

Applicable tubing material		Nylon, Soft nylon, Soft copper steel pipe (C1220T-0)
Applicable tubing O.D.		ø4, ø6, ø8, ø10, ø12
Maximum operating pressure		1.0 MPa
Proof pressure		10 MPa
Fluid		Air
Thread	Mounting section	JIS B 0203 (Taper thread for piping)
	Nut section	JIS B 0211 Class 2 (Metric fine thread)
Seal (Thread portion) Note)		None or with seal



Note) Male elbow, Male branch tee, Male run tee with seal is manufactured upon receipt of order. Suffix "S" to the end of part number if w/ seal is desired.

Principal Parts Material

Body	C3604BD, C3771BE
Nut	C3604BD
Ferrul	C2700T

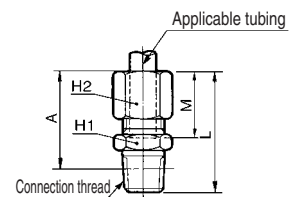
Series H/DL/L/LL

Male Connector: H

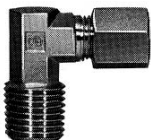


Applicable tubing O.D. (mm)	Connection threads R	Model	H1 (width across flats)	H2 (width across flats)	L	M	A*	Effective area (mm ²)	Weight (g)
4	1/8	H04-01	10	10	25.1	15	21.1	4	10
	1/4	H04-02	14	10	29.1	15	23.1		17
6	1/8	H06-01	10	12	25.1	16	21.1	11	12
	1/4	H06-02	14	12	29.1		23.1		19
	3/8	H06-03	17	12	31.1	16	24.8		31
8	1/8	H08-01	12	14	25.1	16	21.1	20	16
	1/4	H08-02	14	14	29.1		23.1		21
	3/8	H08-03	17	14	31.1	16	24.8		30
10	1/4	H10-02	14	17	29.1	17	23.1	34	28
	3/8	H10-03	17	17	31.1		24.8		37
	1/2	H10-04	22	17	34.1	17	25.9		53
12	1/4	H12-02	17	19	30.1	17	24.1	51	30
	3/8	H12-03	17	19	31.1		24.8		39
	1/2	H12-04	22	19	34.1	17	25.9		59

* Reference dimensions after R thread installation.

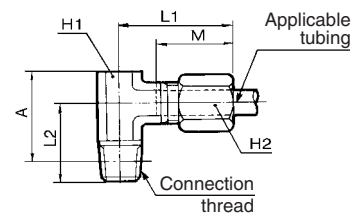


Male Elbow: DL

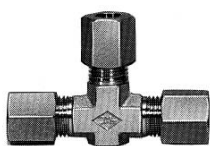


Applicable tubing O.D. (mm)	Connection threads R	Model	H1 (width across flats)	H2 (width across flats)	L1	L2	M	A*	Effective area (mm ²)	Weight (g)
4	1/8	DL04-01	10	10	23.5	17	15	19.6	3.5	23
	1/4	DL04-02	10	10	23.5	19	15	19.6		30
6	1/8	DL06-01	10	12	23.5	17	16	19.6	9	25
	1/4	DL06-02	10	12	23.5	19	16	19.6		31
	3/8	DL06-03	14	12	26.5	22	16	24.5		53
8	1/8	DL08-01	12	14	24.5	18	16	21.6	19	32
	1/4	DL08-02	12	14	24.5	21	16	22.6		38
	3/8	DL08-03	14	14	26.5	22	16	24.5		54
10	1/4	DL10-02	14	17	26.5	23	17	25.8	31	51
	3/8	DL10-03	14	17	26.5	22	17	24.5		57
	1/2	DL10-04	17	17	28.5	27	17	29.4		100
12	1/4	DL12-02	17	19	28.5	25	17	29.6	43	76
	3/8	DL12-03	17	19	28.5	26	17	30.3		85
	1/2	DL12-04	17	19	28.5	27	17	29.4		91

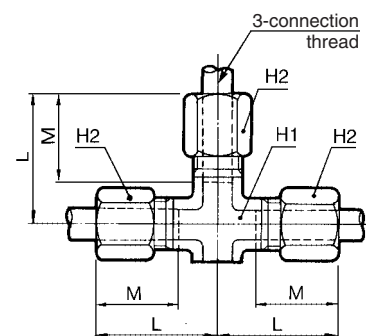
* Reference dimensions after R thread installation.



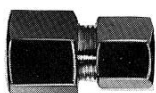
Union Tee: DT



Applicable tubing O.D. (mm)	Model	H1 (width across flats)	H2 (width across flats)	L	M	Effective area (mm ²)	Weight (g)
4	DT04-00	10	10	23.5	15	5.7	32
6	DT06-00	10	12	23.5	16	14	36
8	DT08-00	12	14	24.5	16	25	47
10	DT10-00	14	17	26.5	17	49	70
12	DT12-00	17	19	28.5	17	55	70



Female Connector: DHF



Applicable tubing O.D. (mm)	Connection threads Rc	Model	H1 (width across flats)	H2 (width across flats)	L1	L2	M	Effective area (mm ²)	Weight (g)
4	1/4	DHF04-02	17	10	30.3	16	15	4	27
	1/4	DHF06-02	17	12	30.8	16.5	15	4	28
6	3/8	DHF06-03	19	12	32.8	18.5	16	11	31
	1/4	DHF08-02	17	14	29.8	15.5	16	20	30
10	1/4	DHF10-02	17	17	30.8	16.5	17	34	37
12	1/4	DHF12-02	17	19	30.8	16.5	17	51	40

