

Insertion Type (stainless)

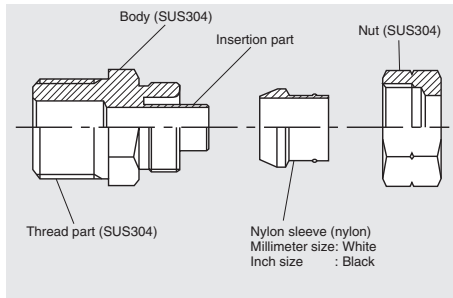
Screw-in type for multi-purpose piping (made of SUS304)

Features

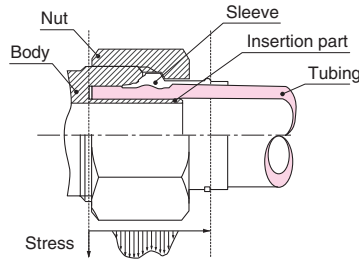
- **Screw-in type**
Consisting of three parts: fitting body, nut and sleeve.
- **High sealing performance**
The insertion part is integrated with a fitting body with high negative-pressure performance.
- **Made of SUS304 with high corrosion resistance**
- **JIS B 8381-1995 (fittings for pneumatic flexible pipes) compliant**



Cross-sectional structure diagram



Sealing mechanism



Operating fluid, working temperature range

Operating fluid	Nylon sleeve	Working temperature range
Air	Nylon sleeve	-40°C~+80°C
Water	Nylon sleeve	0°C~+70°C
General operating oil	Nylon sleeve	-40°C~+80°C

☞ Contact us for various chemical liquids.
☞ See "Combination List of Tubing and Fitting" on page 8.

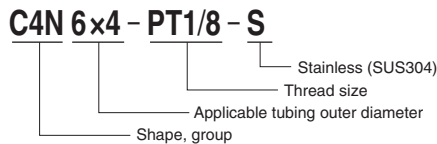
Pressure condition

Maximum working pressure: 5.0MPa
Negative pressure performance:
-101.294kPa

Handling instructions

- ⚠ **Caution:** When the working conditions of tubes and fittings differ, use them under the lower specified conditions.
 - ⚠ **Caution:** For use at a high temperature within the working temperature range, tighten the nut periodically. If the nut cannot be tightened further, cut the tubing end and insert the tubing again with a new sleeve.
 - ⚠ **Caution:** When water is used as the operating fluid, do not allow it to freeze.
 - ⚠ **Caution:** Do not bend the pipe sharply near the tubing insertion port (sleeve end) of the fitting. Keep the tubing straight for twice as long as the tubing diameter from the insertion port.
 - ⚠ **Caution:** The outer and the inner diameters of the fitting have to be the same as those of the tubing used.
- ☞ See page 34 for the common handling instructions for fittings.

Product number example

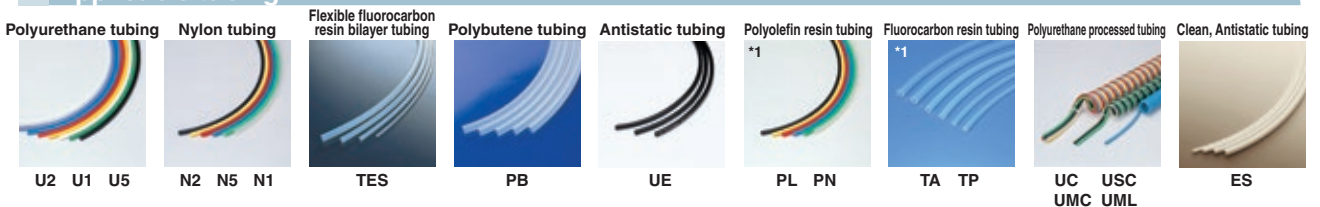


Distinction of millimeter/inch sizes



The inch size type has a black sleeve.
The millimeter size type has a cut at the hexagonal nut.

Applicable tubing



(*1) Combinatory use of PL, PN, TA, TP or ES tubing and QuickSeal series of insertion type (stainless) mixes general and clean type performances. When using them together in a clean environment, be aware of how this could lower the cleanliness level.

Related products and product introduction



Reference

Instruction manualP.172
Chemical resistance specification tableP.198
Effective sectional area ..P.168
Negative-pressure performance listP.169

QuickSeal Series Insertion Type (stainless)

Shape list



Tubing

Clean tubing

Processed tubing

PushOne fitting

QuickSeal fitting

Clean fitting/
Chemifit

Bamboo-shoot fitting

Control switch/
Detachable series

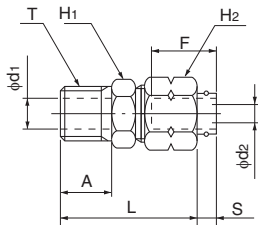
Jig/Tool/
Accessory

Technical information

Reference

QuickSeal Series Insertion Type (stainless)

Connector



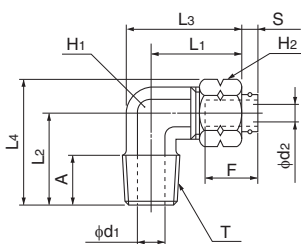
●Millimeter size type (Group 4)

Product number	Applicable tubing outer diameter (mm)	T Thread size (R)	L (mm)	A (mm)	S (mm)	F Tubing insertion length (mm)	H1 Width across flat (mm)	H2 Width across flat (mm)	d1 (mm)	d2 Min. inner diameter (mm)	Effective sectional area (mm ²)	Weight (g)
C4N6x4-PT1/8-S	6x4	R1/8	28.0	11.0	4.6	15	10.0	12.0	5.0	2.7	5.0	15.0
C4N6x4-PT1/4-S	6x4	R1/4	30.0	12.0	4.6	15	14.0	12.0	7.0	2.7	5.0	22.0
C4N8x5-PT1/8-S	8x5	R1/8	27.9	11.0	4.6	16	12.0	14.0	5.0	3.7	10.0	18.0
C4N8x5-PT1/4-S	8x5	R1/4	29.9	12.0	4.6	16	14.0	14.0	7.0	3.7	10.0	24.0
C4N8x6-PT1/8-S	8x6	R1/8	27.9	11.0	4.6	16	12.0	14.0	5.0	4.7	16.0	17.0
C4N8x6-PT1/4-S	8x6	R1/4	29.9	12.0	4.6	16	14.0	14.0	7.0	4.7	16.0	24.0
C4N10x6.5-PT1/4-S	10x6.5	R1/4	31.1	12.0	4.2	17	17.0	17.0	7.0	5.2	20.5	32.0
C4N10x6.5-PT3/8-S	10x6.5	R3/8	32.1	13.0	4.2	17	17.0	17.0	9.0	5.2	20.5	38.0
C4N10x8-PT1/4-S	10x8	R1/4	31.1	12.0	4.2	17	17.0	17.0	7.0	6.7	32.0	29.0
C4N10x8-PT3/8-S	10x8	R3/8	32.1	13.0	4.2	17	17.0	17.0	9.0	6.7	32.0	37.0
C4N12x8-PT3/8-S	12x8	R3/8	35.6	13.0	4.8	18	17.0	19.0	9.0	6.6	32.0	47.0
C4N12x8-PT1/2-S	12x8	R1/2	40.6	18.0	4.8	18	23.0	19.0	12.0	6.6	33.5	75.0
C4N12x9-PT3/8-S	12x9	R3/8	35.6	13.0	4.8	18	17.0	19.0	9.0	7.6	40.0	40.5
C4N12x9-PT1/2-S	12x9	R1/2	40.6	18.0	4.8	18	23.0	19.0	12.0	7.6	40.0	74.0

●Inch size type (Group 1)

Product number	Applicable tubing outer diameter (inch)	T Thread size (R)	L (mm)	A (mm)	S (mm)	F Tubing insertion length (mm)	H1 Width across flat (mm)	H2 Width across flat (mm)	d1 (mm)	d2 Min. inner diameter (mm)	Effective sectional area (mm ²)	Weight (g)
C1N1/4-PT1/8-S	1/4	R1/8	28.0	11.0	4.6	15	10.0	12.0	5.0	3.4	8.5	14.0
C1N1/4-PT1/4-S	1/4	R1/4	30.0	12.0	4.6	15	14.0	12.0	7.0	3.4	8.5	22.0
C1N5/16-PT1/8-S	5/16	R1/8	27.8	11.0	4.6	16	12.0	14.0	5.0	4.7	16.0	17.0
C1N5/16-PT1/4-S	5/16	R1/4	29.8	12.0	4.6	16	14.0	14.0	7.0	4.7	16.0	24.0
C1N3/8-PT1/8-S	3/8	R1/8	28.7	11.0	4.6	17	14.0	17.0	5.7	5.7	22.5	23.0
C1N3/8-PT1/4-S	3/8	R1/4	30.7	12.0	4.6	17	14.0	17.0	7.5	5.7	22.5	28.0
C1N3/8-PT3/8-S	3/8	R3/8	31.7	13.0	4.6	17	17.0	17.0	9.0	5.7	22.5	39.0
C1N1/2-PT1/4-S	1/2	R1/4	31.8	12.0	4.6	18	17.0	19.0	8.2	8.2	45.0	33.0
C1N1/2-PT3/8-S	1/2	R3/8	32.8	13.0	4.6	18	17.0	19.0	9.0	8.2	45.0	40.0
C1N1/2-PT1/2-S	1/2	R1/2	40.8	18.0	4.6	18	23.0	19.0	12.0	8.2	45.0	72.0

90 degree elbow



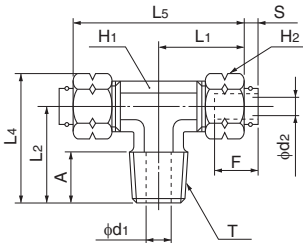
●Millimeter size type (Group 4)

Product number	Applicable tubing outer diameter (mm)	T Thread size (R)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	A (mm)	S (mm)	F Tubing insertion length (mm)	H1 Width across flat (mm)	H2 Width across flat (mm)	d1 (mm)	d2 Min. inner diameter (mm)	Effective sectional area (mm ²)	Weight (g)
L4N6x4-PT1/8-S	6x4	R1/8	20.5	18.5	26.3	25.4	11.0	4.6	15	10.0	12.0	5.0	2.7	4.5	21.0
L4N6x4-PT1/4-S	6x4	R1/4	23.0	22.0	29.9	28.9	12.0	4.6	15	12.0	12.0	7.0	2.7	4.5	32.0
L4N8x5-PT1/8-S	8x5	R1/8	22.9	21.0	29.8	29.1	11.0	4.6	16	12.0	14.0	5.0	3.7	9.0	31.0
L4N8x5-PT1/4-S	8x5	R1/4	22.9	22.0	29.8	30.1	12.0	4.6	16	12.0	14.0	7.0	3.7	9.0	32.5
L4N8x6-PT1/8-S	8x6	R1/8	22.9	21.0	29.8	29.1	11.0	4.6	16	12.0	14.0	5.0	4.7	14.0	31.0
L4N8x6-PT1/4-S	8x6	R1/4	22.9	22.0	29.8	30.1	12.0	4.6	16	12.0	14.0	7.0	4.7	15.0	32.5
L4N10x6.5-PT1/4-S	10x6.5	R1/4	27.1	25.0	35.2	34.8	12.0	4.2	17	14.0	17.0	7.0	5.2	18.0	47.0
L4N10x6.5-PT3/8-S	10x6.5	R3/8	27.1	26.0	35.2	35.8	13.0	4.2	17	14.0	17.0	9.0	5.2	18.0	50.0
L4N10x8-PT1/4-S	10x8	R1/4	27.1	25.0	35.2	34.8	12.0	4.2	17	14.0	17.0	7.0	6.7	25.0	48.0
L4N10x8-PT3/8-S	10x8	R3/8	27.1	26.0	35.2	35.8	13.0	4.2	17	14.0	17.0	9.0	6.7	25.0	51.0
L4N12x8-PT3/8-S	12x8	R3/8	27.6	26.0	35.7	37.0	13.0	4.8	18	14.0	19.0	9.0	6.6	25.0	53.0
L4N12x8-PT1/2-S	12x8	R1/2	30.1	33.0	40.5	44.0	18.0	4.8	18	18.0	19.0	10.0	6.6	30.0	90.0
L4N12x9-PT3/8-S	12x9	R3/8	27.6	26.0	35.7	37.0	13.0	4.8	18	14.0	19.0	9.0	7.6	33.0	54.0
L4N12x9-PT1/2-S	12x9	R1/2	30.1	33.0	40.5	44.0	18.0	4.8	18	18.0	19.0	10.0	7.6	33.0	91.0

●Inch size type (Group 1)

Product number	Applicable tubing outer diameter (inch)	T Thread size (R)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	A (mm)	S (mm)	F Tubing insertion length (mm)	H1 Width across flat (mm)	H2 Width across flat (mm)	d1 (mm)	d2 Min. inner diameter (mm)	Effective sectional area (mm ²)	Weight (g)
L1N1/4-PT1/8-S	1/4	R1/8	20.5	18.5	26.3	25.4	11.0	4.6	15	10.0	12.0	5.0	3.4	8.0	20.0
L1N1/4-PT1/4-S	1/4	R1/4	23.0	22.0	30.0	28.9	12.0	4.6	15	12.0	12.0	7.0	3.4	8.0	26.0
L1N5/16-PT1/8-S	5/16	R1/8	22.8	21.0	29.8	29.1	11.0	4.6	16	12.0	14.0	5.0	4.7	15.0	30.0
L1N5/16-PT1/4-S	5/16	R1/4	22.8	22.0	29.8	30.1	12.0	4.6	16	12.0	14.0	7.0	4.7	15.0	32.0
L1N3/8-PT1/8-S	3/8	R1/8	23.7	21.0	30.6	30.8	11.0	4.6	17	12.0	17.0	5.0	5.7	15.0	35.0
L1N3/8-PT1/4-S	3/8	R1/4	23.7	22.0	30.6	31.8	12.0	4.6	17	12.0	17.0	7.0	5.7	19.0	50.0
L1N3/8-PT3/8-S	3/8	R3/8	26.7	26.0	35.2	35.8	13.0	4.6	17	14.0	17.0	9.0	5.7	19.0	50.0
L1N1/2-PT1/4-S	1/2	R1/4	27.8	25.0	35.9	36.0	12.0	4.6	18	14.0	19.0	7.0	8.2	32.0	50.0
L1N1/2-PT3/8-S	1/2	R3/8	27.8	26.0	36.3	37.0	13.0	4.6	18	14.0	19.0	9.0	8.2	32.0	53.0
L1N1/2-PT1/2-S	1/2	R1/2	30.8	33.0	41.6	44.0	18.0	4.6	18	18.0	19.0	12.0	8.2	32.0	76.0

Tee



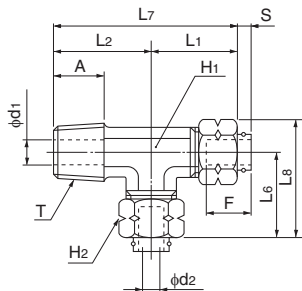
●Millimeter size type (Group 4)

Product number	Applicable tubing outer diameter (mm)	T Thread size (R)	L1 (mm)	L2 (mm)	L4 (mm)	L5 (mm)	A (mm)	S (mm)	F Tubing insertion length (mm)	H1 Width across flat (mm)	H2 Width across flat (mm)	d1 (mm)	d2 Min. inner diameter (mm)	Effective sectional area (mm ²)	Weight (g)
T4N6x4-PT1/8-S	6x4	R1/8	20.5	18.5	25.4	41.0	11.0	4.6	15	10.0	12.0	5.0	2.7	4.5	30.0
T4N6x4-PT1/4-S	6x4	R1/4	23.0	22.0	28.9	46.0	12.0	4.6	15	12.0	12.0	7.0	2.7	4.5	43.0
T4N8x5-PT1/8-S	8x5	R1/8	22.9	21.0	29.1	45.8	11.0	4.6	16	12.0	14.0	5.0	3.7	9.0	43.0
T4N8x5-PT1/4-S	8x5	R1/4	22.9	22.0	30.1	45.8	12.0	4.6	16	12.0	14.0	7.0	3.7	9.0	45.0
T4N8x6-PT1/8-S	8x6	R1/8	22.9	21.0	29.1	45.8	11.0	4.6	16	12.0	14.0	5.0	4.7	14.0	42.0
T4N8x6-PT1/4-S	8x6	R1/4	22.9	22.0	30.1	45.8	12.0	4.6	16	12.0	14.0	7.0	4.7	15.0	44.0
T4N10x6.5-PT1/4-S	10x6.5	R1/4	27.1	25.0	34.8	54.2	12.0	4.2	17	14.0	17.0	7.0	5.2	18.0	73.0
T4N10x6.5-PT3/8-S	10x6.5	R3/8	27.1	26.0	35.8	54.2	13.0	4.2	17	14.0	17.0	9.0	5.2	18.0	78.0
T4N10x8-PT1/4-S	10x8	R1/4	27.1	25.0	34.8	54.2	12.0	4.2	17	14.0	17.0	7.0	6.7	25.0	69.0
T4N10x8-PT3/8-S	10x8	R3/8	27.1	26.0	35.8	54.2	13.0	4.2	17	14.0	17.0	9.0	6.7	25.0	75.0
T4N12x8-PT3/8-S	12x8	R3/8	27.6	25.0	36.0	55.3	13.0	4.8	18	14.0	19.0	9.0	6.6	25.0	82.0
T4N12x9-PT3/8-S	12x9	R3/8	27.6	26.0	37.0	55.3	13.0	4.8	18	14.0	19.0	9.0	7.6	33.0	82.0

●Inch size type (Group 1)

Product number	Applicable tubing outer diameter (inch)	T Thread size (R)	L1 (mm)	L2 (mm)	L4 (mm)	L5 (mm)	A (mm)	S (mm)	F Tubing insertion length (mm)	H1 Width across flat (mm)	H2 Width across flat (mm)	d1 (mm)	d2 Min. inner diameter (mm)	Effective sectional area (mm ²)	Weight (g)
T1N1/4-PT1/8-S	1/4	R1/8	20.5	18.5	25.4	41.1	11.0	4.6	15	10.0	12.0	5.0	3.4	8.0	29.0
T1N1/4-PT1/4-S	1/4	R1/4	23.0	22.0	28.9	46.1	12.0	4.6	15	12.0	12.0	7.0	3.4	8.0	42.0
T1N3/8-PT1/4-S	3/8	R1/4	23.7	22.0	31.8	47.4	12.0	4.6	17	12.0	17.0	7.0	5.7	19.0	55.0

Service tee



●Millimeter size type (Group 4)

Product number	Applicable tubing outer diameter (mm)	T Thread size (R)	L1 (mm)	L2 (mm)	L6 (mm)	L7 (mm)	L8 (mm)	A (mm)	S (mm)	F Tubing insertion length (mm)	H1 Width across flat (mm)	H2 Width across flat (mm)	d1 (mm)	d2 Min. inner diameter (mm)	Effective sectional area (mm ²)	Weight (g)
ST4N6x4-PT1/8-S	6x4	R1/8	20.5	18.5	20.5	39.0	27.4	11.0	4.6	15	10.0	12.0	5.0	2.7	4.5	41.0
ST4N6x4-PT1/4-S	6x4	R1/4	23.0	22.0	23.0	45.0	29.9	12.0	4.6	15	12.0	12.0	7.0	2.7	4.5	30.0
ST4N8x5-PT1/8-S	8x5	R1/8	22.9	21.0	22.9	43.9	31.0	11.0	4.6	16	12.0	14.0	5.0	3.7	9.0	43.0
ST4N8x5-PT1/4-S	8x5	R1/4	22.9	22.0	22.9	44.9	31.0	12.0	4.6	16	12.0	14.0	7.0	3.7	9.0	43.0
ST4N8x6-PT1/8-S	8x6	R1/8	22.9	21.0	22.9	43.9	31.0	11.0	4.6	16	12.0	14.0	5.0	4.7	14.0	45.0
ST4N8x6-PT1/4-S	8x6	R1/4	22.9	22.0	22.9	44.9	31.0	12.0	4.6	16	12.0	14.0	7.0	4.7	15.0	46.0
ST4N10x6.5-PT1/4-S	10x6.5	R1/4	27.1	25.0	27.1	52.1	36.9	12.0	4.2	17	14.0	17.0	7.0	5.2	18.0	72.0
ST4N10x6.5-PT3/8-S	10x6.5	R3/8	27.1	26.0	27.1	53.1	36.9	13.0	4.2	17	14.0	17.0	9.0	5.2	18.0	70.0
ST4N10x8-PT1/4-S	10x8	R1/4	27.1	25.0	27.1	52.1	36.9	12.0	4.2	17	14.0	17.0	7.0	6.7	25.0	76.0
ST4N10x8-PT3/8-S	10x8	R3/8	27.1	26.0	27.1	53.1	36.9	13.0	4.2	17	14.0	17.0	9.0	6.7	25.0	113.0
ST4N12x8-PT3/8-S	12x8	R3/8	27.6	26.0	27.6	53.6	38.6	13.0	4.8	18	14.0	19.0	9.0	6.6	25.0	81.0
ST4N12x9-PT3/8-S	12x9	R3/8	27.6	26.0	27.6	53.6	38.6	13.0	4.8	18	14.0	19.0	9.0	7.6	33.0	130.0

●Inch size type (Group 1)

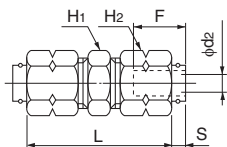
Product number	Applicable tubing outer diameter (inch)	T Thread size (R)	L1 (mm)	L2 (mm)	L6 (mm)	L7 (mm)	L8 (mm)	A (mm)	S (mm)	F Tubing insertion length (mm)	H1 Width across flat (mm)	H2 Width across flat (mm)	d1 (mm)	d2 Min. inner diameter (mm)	Effective sectional area (mm ²)	Weight (g)
ST1N1/4-PT1/8-S	1/4	R1/8	20.5	18.5	20.5	39.0	27.5	11.0	4.6	15	10.0	12.0	5.0	3.4	8.0	29.0

Tubing
Clean tubing
Processed tubing
PushOne fitting
QuickSeal fitting
Clean fitting/ Chemifit
Bamboo-shoot fitting
Control switch/ Detachable series
Jig/Tool/ Accessory
Technical information
Reference

QuickSeal Series Insertion Type (stainless)

Union connector

●Millimeter size type (Group 4)



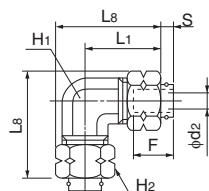
Product number	Applicable tubing outer diameter x inner diameter (mm)	L (mm)	S (mm)	F Tubing insertion length (mm)	H1 Width across flat (mm)	H2 Width across flat (mm)	d2 Min. inner diameter (mm)	Effective sectional area (mm ²)	Weight (g)
UC4N6x4-S	6x4	33.0	4.6	15	10.0	12.0	2.7	5.0	20.0
UC4N8x5-S	8x5	32.8	4.6	16	12.0	14.0	3.7	10.0	28.0
UC4N8x6-S	8x6	32.8	4.6	16	12.0	14.0	4.7	16.0	25.0
UC4N10x6.5-S	10x6.5	36.2	4.2	17	17.0	17.0	5.2	20.5	44.0
UC4N10x8-S	10x8	36.2	4.2	17	17.0	17.0	6.7	32.0	44.0
UC4N12x8-S	12x8	37.3	4.8	18	17.0	19.0	6.6	32.0	49.0
UC4N12x9-S	12x9	37.3	4.8	18	17.0	19.0	7.6	40.0	51.0

●Inch size type (Group 1)

Product number	Applicable tubing outer diameter (inch)	L (mm)	S (mm)	F Tubing insertion length (mm)	H1 Width across flat (mm)	H2 Width across flat (mm)	d2 Min. inner diameter (mm)	Effective sectional area (mm ²)	Weight (g)
UC1N1/4-S	1/4	33.1	4.6	15	10.0	12.0	3.4	8.5	20.0
UC1N5/16-S	5/16	32.7	4.6	16	12.0	14.0	4.7	16.0	25.0
UC1N3/8-S	3/8	35.4	4.6	17	14.0	17.0	5.7	22.5	40.0
UC1N1/2-S	1/2	37.6	4.6	18	17.0	19.0	8.2	45.0	47.0

90 degree union elbow

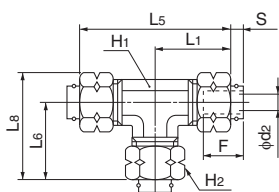
●Millimeter size type (Group 4)



Product number	Applicable tubing outer diameter x inner diameter (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)	L6 (mm)	L7 (mm)	L8 (mm)	S (mm)	F Tubing insertion length (mm)	H1 Width across flat (mm)	H2 Width across flat (mm)	d2 Min. inner diameter (mm)	Effective sectional area (mm ²)	Weight (g)
UL4N6x4-S	6x4	20.5	27.4	4.6	15	10.0	12.0	2.7	4.0	25.0						
UL4N8x5-S	8x5	22.9	31.0	4.6	16	12.0	14.0	3.7	7.5	37.0						
UL4N8x6-S	8x6	22.9	31.0	4.6	16	12.0	14.0	4.7	12.5	36.0						
UL4N10x6.5-S	10x6.5	27.1	36.9	4.2	17	14.0	17.0	5.2	15.5	59.0						
UL4N10x8-S	10x8	27.1	36.9	4.2	17	14.0	17.0	6.7	25.0	57.0						
UL4N12x8-S	12x8	27.6	38.6	4.8	18	14.0	19.0	6.6	25.0	63.0						
UL4N12x9-S	12x9	27.6	38.6	4.8	18	14.0	19.0	7.6	25.0	60.0						

Union tee

●Millimeter size type (Group 4)



Product number	Applicable tubing outer diameter x inner diameter (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)	L6 (mm)	L7 (mm)	L8 (mm)	L9 (mm)	L10 (mm)	L11 (mm)	L12 (mm)	L13 (mm)	L14 (mm)	L15 (mm)	L16 (mm)	L17 (mm)	L18 (mm)	L19 (mm)	L20 (mm)	S (mm)	F Tubing insertion length (mm)	H1 Width across flat (mm)	H2 Width across flat (mm)	d2 Min. inner diameter (mm)	Effective sectional area (mm ²)	Weight (g)
UT4N6x4-S	6x4	20.5	41.0	20.5	27.4	4.6	15	10.0	12.0	2.7	4.0	35.0																
UT4N8x5-S	8x5	22.9	45.8	22.9	31.0	4.6	16	12.0	14.0	3.7	7.5	49.0																
UT4N8x6-S	8x6	22.9	45.8	22.9	31.0	4.6	16	12.0	14.0	4.7	12.5	48.0																
UT4N10x6.5-S	10x6.5	27.1	54.2	27.1	36.9	4.2	17	14.0	17.0	5.2	15.5	82.0																
UT4N10x8-S	10x8	27.1	54.2	27.1	36.9	4.2	17	14.0	17.0	6.7	25.0	77.0																
UT4N12x8-S	12x8	27.6	55.3	28.6	39.6	4.8	18	14.0	19.0	6.6	25.0	90.0																
UT4N12x9-S	12x9	27.6	55.3	28.6	39.6	4.8	18	14.0	19.0	7.6	25.0	85.0																

●Inch size type (Group 1)

Product number	Applicable tubing outer diameter (inch)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)	L6 (mm)	L7 (mm)	L8 (mm)	L9 (mm)	L10 (mm)	L11 (mm)	L12 (mm)	L13 (mm)	L14 (mm)	L15 (mm)	L16 (mm)	L17 (mm)	L18 (mm)	L19 (mm)	L20 (mm)	S (mm)	F Tubing insertion length (mm)	H1 Width across flat (mm)	H2 Width across flat (mm)	d2 Min. inner diameter (mm)	Effective sectional area (mm ²)	Weight (g)
UT1N1/4-S	1/4	20.5	41.1	20.5	27.5	4.6	15	10.0	12.0	3.4	6.5	34.0																
UT1N5/16-S	5/16	22.8	45.7	22.8	30.9	4.6	16	12.0	14.0	4.7	12.5	49.0																
UT1N3/8-S	3/8	23.7	47.4	23.7	33.5	4.6	17	12.0	17.0	5.7	18.5	64.0																
UT1N1/2-S	1/2	27.8	55.6	27.8	38.8	4.6	18	14.0	19.0	8.2	30.0	84.0																

*Made to order

Tubing

Clean tubing

Processed tubing

PushOne fitting

QuickSeal fitting

Clean fitting/ Chemifit

Bamboo-shoot fitting

Control switch/ Detachable series

Jig/Tool/ Accessory

Technical information

Reference

Stainless nut

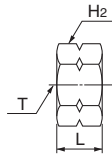


●Millimeter size type (Group 4)

Product number	Applicable tubing outer diameter (mm)	T Thread size (M)	L (mm)	H ₂ Width across flat (mm)	Weight (g)
N6-S	6	M10×1.0	9.0	12.0	5.0
N8-S	8	M12×1.0	9.0	14.0	6.0
N10-S	10	M15×1.0	10.0	17.0	9.0
N12-S	12	M17×1.0	11.0	19.0	11.0

●Inch size type (Group 1)

Product number	Applicable tubing outer diameter (inch)	T Thread size (M)	L (mm)	H ₂ Width across flat (mm)	Weight (g)
N1/4-S	1/4	M10×1.0	9.0	12.0	5.0
N5/16-S	5/16	M12×1.0	9.0	14.0	6.0
N3/8-S	3/8	M14×1.0	10.0	17.0	10.0
N1/2-S	1/2	M17×1.0	11.5	19.0	11.0



*The inch size type has no cut.

Nylon sleeve

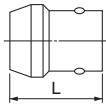


●Millimeter size type (Color: milky white)

Product number	Applicable tubing outer diameter (mm)	L (mm)	Weight (g)
SN6	6	11.0	0.2
SN8	8	11.0	0.3
SN10	10	12.0	0.4
SN12	12	13.0	0.5

●Inch size type (Color: black)

Product number	Applicable tubing outer diameter (inch)	L (mm)	Weight (g)
SN1/4	1/4	11.0	0.2
SN5/16	5/16	11.0	0.3
SN3/8	3/8	12.0	0.4
SN1/2	1/2	13.0	0.5



⚠ Caution: Nylon sleeves that have been used once cannot be reused.