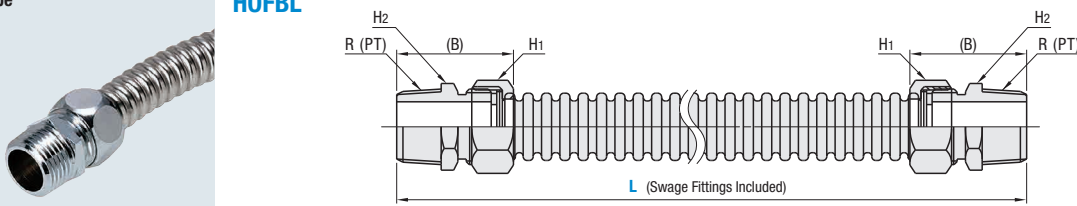


Flexible Tube / Tube Cutter / Tube Clips

Flexible Tube **HOFBL**



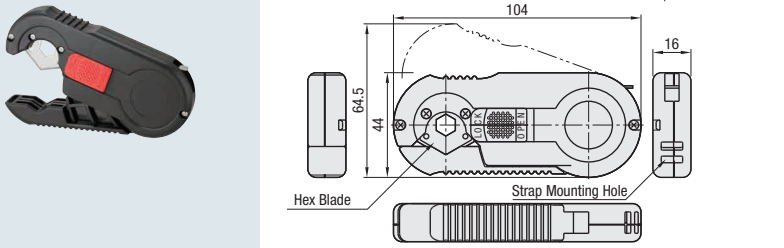
Applicable Fluids: Water / Warm Water Maximum operating temperature: 80°C Material: 304 Stainless Steel Accessories: MBR Gasket

Part Number	5 mm Increment	Opposite Side H1	Opposite Side H2	(B)	R (PT)	Tube Inner Diameter	Min. Bending Radius (mm)	Max. Pressure (MPa)
HOFBL	4	24	22	35	1/2	12	40	1.75
	6	30	27	42	3/4	15	60	

For Nominal Dia., L dimension is 115~.

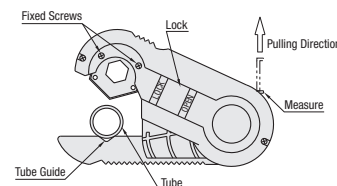
Part Number Example: HOFBL4 - 150

Tube Cutter **TCK**



Features

- New edges can be used by turning the hex blade.
- The tube can be cut at a desired length using the built-in measure.
- The tube cutter can be safely stored using the lock mechanism.

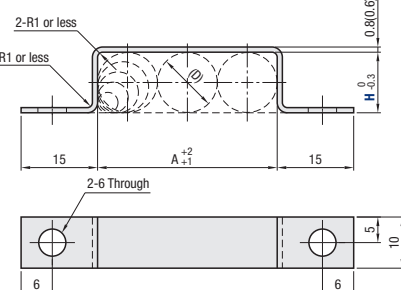


Tube Cutter - Replacement Blades **TCKE**

Part Number	Quantity
TCKE	10 pcs./Set

Tube Clips

Type	Material	Surface Treatment
CUCLP	Low Carbon Steel	Bright Chromate Plating
CUCLPS	304 Stainless Steel	-



Dimensions in () are for CUCLPS.

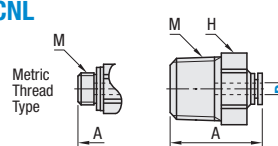
Part Number	Number of Tubes	A	Applicable Tube Outer Dia. (D)
CUCLP CUCLPS	4	4 x pcs.	4
	6	6 x pcs.	6
	8	8 x pcs.	8
	10	10 x pcs.	10
12	12 x pcs.	12	12

Part Number Example: CUCLP10 - 4

Tubes / Miniature Connector Fitting / Couplings (One-Touch) / Flow Rate Controller

Tubes	Part Number		Length (m)	Tube Color	Inner Diameter (mm)	Min. Bending Radius (mm)	Outer Dia. Accuracy (mm)	Max. Operating Pressure (MPa)	Mass (kg/m)
	Type	Outer Dia. (mm)							
Material: Polypropylene	MPUT	1.8	5	B Black C Transparent W White	1.2	4	±0.1	0.8	0.0017
			10						

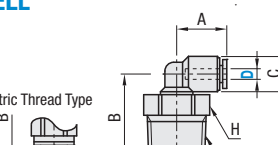
Compressed Air - Miniature Connector Fitting **JCNL**



Material: Polypropylene Thread: C3604 Brass

Part Number	Nominal	A	Wrench Flats H	Thread Size M x Pitch	Effective Sectional Area (mm ²)	Mass (g)
JCNL	M3	10.7	5.5	M3 x 0.5	0.92	3.9
	M5	10.4	7	M5 x 0.8	0.92	4.6
	1	14.4	10	R1/8	0.97	5.9

Compressed Air - Miniature Connector Fitting 90° Elbow **JELL**



Material: Polypropylene Thread: C3604 Brass

Part Number	Nominal	A	B	C	Wrench Flats H	Thread Size M x Pitch	Effective Sectional Area (mm ²)	Mass (g)
JELL	M3	8.5	11	6	5.5	M3 x 0.5	0.83	4.0
	M5	8.5	11.5	6	7	M5 x 0.8	0.83	4.8
	1	8.5	15	6	10	R1/8	0.7	8.6

One-Touch Couplings - Bulkhead Union **JBUL**



Material: Polypropylene Thread: C3604 Brass

Part Number	A	Wrench Flats H	Thread Size M x Pitch	C (max)	Effective Sectional Area (mm ²) (Urethane Tube)	Mass (g)
JBUL	17	10	M8 x 1	4	0.85	5.3

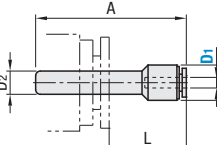
One-Touch Couplings - Union Tee **JTEL**



Material: Polypropylene Thread: C3604 Brass

Part Number	A	C	E	Effective Sectional Area (mm ²) (Urethane Tube)	Mass (g)
JTEL	8.7	7.3	3.2	0.9	3.9

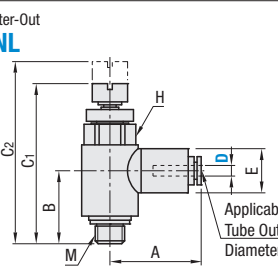
One-Touch Couplings - Reducer **JRDS**



Material: Polypropylene Thread: C3604 Brass

Part Number	D ₁	D ₂	A	C	L	Effective Sectional Area (mm ²)	Mass (g)
JRDS	1.8	4	25.6	6	9.6	0.97	0.5

Flow Rate Controller **JNLMeter-Out**



Material: PBT (Polybutylene Terephthalate) Thread: C3604 Brass

Part Number	Nominal	A	B	C ₁	C ₂	E	Width Across Flats H	Thread Size M x Pitch	Mass (g)
JNL	M3	15.3	11.4	25.1	27.6	7.5	7	M3 x 0.5	6.1
	M5	15.5	12.4	27.2	30.2	7.5	8	M5 x 0.8	9.4

Application Example

Specifications One-Touch Couplings

Applicable Fluid	Compressed Air
Operating Temperature Range	-10~60°C
Operating Pressure Range	-0.1~0.8 MPa

Flow Rate Controller

Applicable Fluid	Compressed Air
Operating Temp. Range	5~60°C (Not to be frozen)
Max. Operating Pressure	1.0 MPa
Min. Operating Pressure	0.05 MPa

