



Subsidiary of Lube Corporation 

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Performance Indicator Pin

Visual performance indicators.



KEN-T

KEN-M

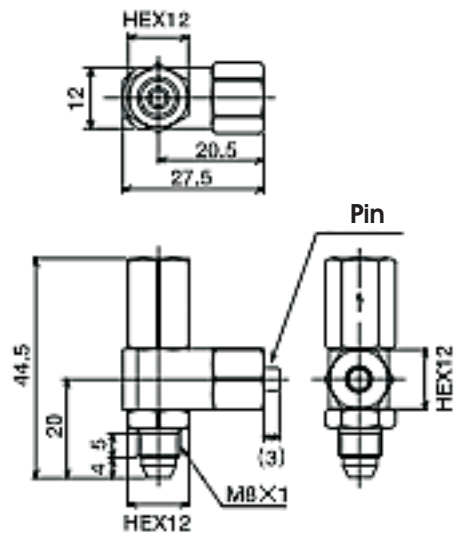
[Directions for use]

- Clogging and/or high back-pressure at the termination points could hinder the lubricant flow.
- Operational temperature range : 0~70c

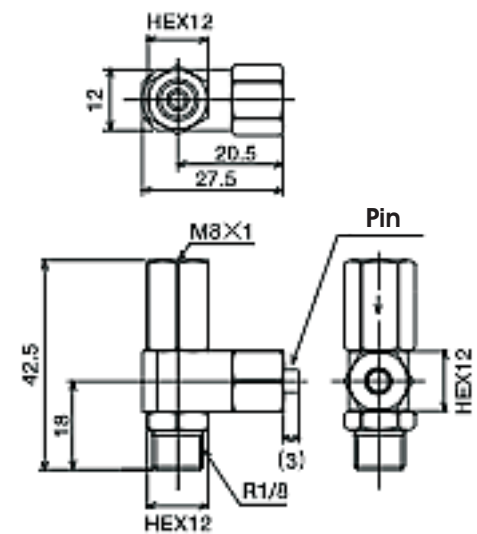
Part Number

Model	Part Number	Specification
KEN-T	106672	For installing on valves
KEN-M	106673	For lubrication point installation

Drawing



[KEN-T]



[KEN-M]

Compression parts

Used for connecting tubing to junctions, adapters and metering valves



Dimensional drawing



Part Number

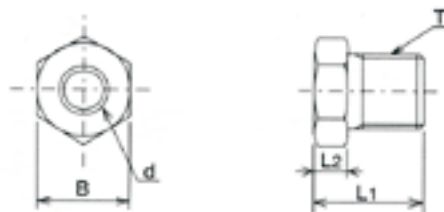
Compression nut

Part Number	Model	Tubing O.D.		T	d1	d2	B
		φ4	φ6				
106251	CN-4	○		M8×1	φ4.2	φ10	HEX10
186251	CN-4	○		5/16-24	φ5/32	φ10	HEX10
206251	CN-6	-	○	M10×1	φ6.2	φ12	HEX12

Material : C3604

Compression parts

Dimensional drawing



Part Number

Compression bushing

Part Number	Model	Tubing O.D			T	d	L1	L2	B
		φ4	φ6	φ8					
106252	CB-4(10)	○			M8×1	φ4.2	11.6 (0.46")	4 (0.16")	HEX10
186252	CB-4	○			5/16-24	φ5/32	11.6 (0.46")	4 (0.16")	HEX10
106253	CB-4(8)	○			M8×1	φ4.2	11.6 (0.46")	4 (0.16")	HEX8
186253	CB-4	○			5/16-24	φ5/32	11.6 (0.46")	4 (0.16")	HEX8
206252	CB-6		○		M10×1	φ6.2	12.5 (0.49")	4 (0.16")	HEX10
207252	CB-8			○	M14×1.5	φ8.2	16 (0.63")	4.5 (0.18")	HEX14
166253	CB-4	○			M8×1	φ4.2	20 (0.79")	12 (0.47")	HEX8
166255	CB-6		○		M10×1	φ6.2	20 (0.79")	12 (0.47")	HEX10

Note : 166253 and 166255 are for braided tubing.

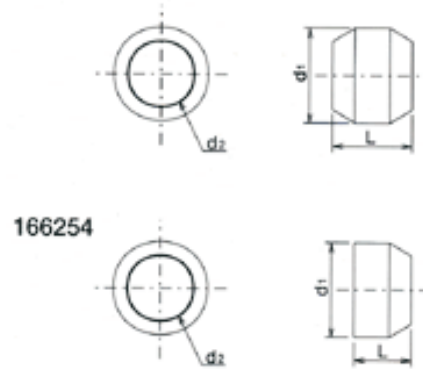
Material : C3604

Part Number	Model	Tubing O.D			T	d	L1	L2	B
		φ4	φ6	φ8					
106279	CB-4(8)	○			M8×1	φ4.2	11.6 (0.46")	4 (0.16")	HEX8
186268	CB-4(8)	○			5/16-24	φ4.2	11.6 (0.46")	4 (0.16")	HEX8

Material : SUS

Compression parts

Dimensional drawing



Part Number

Compression sleeve

Part Number	Model	Tubing O.D			d1	d2	L1
		φ4	φ6	φ8			
106254	CS-4	○			φ6	φ4.1	5(0.20")
206254	CS-6		○		φ8	φ6.1	6(0.24")
207254	CS-8			○	φ10	φ8.1	6.5(0.26")

Material : C3604

Part Number	Model	Tubing O.D			d1	d2	L1
		φ4	φ6	φ8			
106280	CS-4	○			φ6	φ4.1	5(0.20")

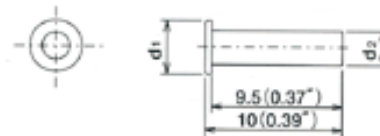
Material : SUS

Half sleeve

Part Number	Model	Tubing O.D			d1	d2	L1
		φ4	φ6	φ8			
166254	CS-4	○			φ4	φ4.1	4.5(0.18")

Material : C3604

Dimensional drawing



Tube insert

Part Number	Model	Tubing O.D			d1	d2
		φ4	φ6	φ8		
106271	TI-4	○			φ3.8	φ2.5
206271	TI-6		○		φ5.8	φ4
207271	TI-8			○	φ7.8	φ6

Material : C2680

Closure plugs/Sealing washers



Dimensional drawing



Part Number

Closure plug

Part Number	Model	L1	L2	T	B
106255	CP-4	16(0.63")	12(0.47")	M8×1	HEX8
186255	CP-4	16(0.63")	12(0.47")	5/16-24	HEX8
206255	CP-6	20(0.79")	15(0.59")	M10×1	HEX10
207255	CP-8	25(0.98")	17(0.67")	M14×1.5	HEX17

Material : C3604

Dimensional drawing



Part Number

Blanking plug

Part Number

540170

Closure plugs/Sealing washers

Dimensional drawing



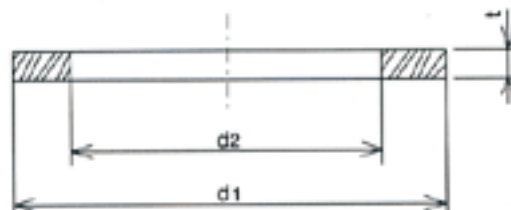
Part Number

Blanking plug

Part Number	Model	T	L1	L2	B
206275	BP-10	M10×1	10(0.39")	6(0.24")	12
206276	BP-12	M12×1	10(0.39")	6(0.24")	14
207276	BP-14	M14×1.5	13(0.51")	8(0.31")	17

Material : C3604

Dimensional drawing

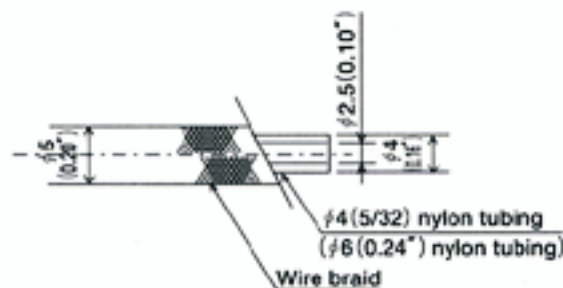


Part Number

Sealing washer

Part Number	Model	D1	D2	t	Thread size
207611	SW-10	φ14	φ10.1	1	M10×1
207612	SW-12	φ16	φ2.1	1.5	M12×1
207613	SW-14	φ18	φ14.1	1.5	M14×1.5

Material : C2600



Part Number

Nylon tubing

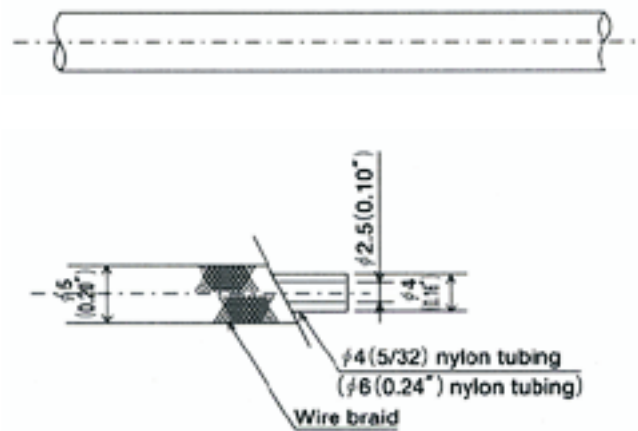
Part Number	Outer diameter	Inner diameter	Standard length	Working pressure	Burst Pressure	Working temperature range	Minimum bending radius	Color
106801	φ4	φ2.5	100M (330F)	2.5MPa (25kgf/cm ²) 362psi	9.8MPa (100kgf/cm ²) 1,450psi	-20°C/-40°F ~+70°C/158°F	R12	Opaque white
106806	φ4	φ2.5		4.4MPa (45kgf/cm ²) 652psi	17.6MPa (180kgf/cm ²) 2,610psi		R16	
218005	φ6	φ4		2.2MPa (22kgf/cm ²) 319psi	8.6MPa (88kgf/cm ²) 1,276psi		R24	Opaque white
208006	φ6	φ4		3.7MPa (38kgf/cm ²) 551psi	15.2MPa (155kgf/cm ²) 2,247psi		R27	
218003	φ8	φ6		1.5MPa (15kgf/cm ²) 217psi	6.2MPa (63kgf/cm ²) 913psi		R48	

Material:nylon

Braided tubing

Part Number	Outer diameter	Standard length	Working pressure	Burst Pressure	Working temperature range	Minumum bending radius	Surface treatment
106803	φ4	100M (330F)	2.5MPa (25kgf/cm ²) 362psi	9.8MPa (100kgf/cm ²) 1,450psi	-20°C/-40°F ~+70°C/158°	R16	EP-Fe/Zn
218007	φ6	100M (330F)	2.2MPa (22kgf/cm ²) 319psi	8.6MPa (88kgf/cm ²) 1,276psi	-20°C/-40°F ~+70°C/158°	R27	EP-Fe/Zn

Tubing



Aluminium tubing

Part Number	Outer diameter	Inner diameter	Standard length	Tensile strength	Extension
106811	φ4	φ3	2M (65F)	6~10kgf/mm	41%
206811	φ6	φ4.4			

Material: JIS H4080A1050TD-0 (aluminium drawn tube)

Copper Tubing

Part Number	Outer diameter	Inner diameter	Standard length	Working pressure	Tensile strength	Inner diameter
106821	φ4	φ3	5M (16F)	6.9MPa (70kgf/cm ²) 1,015psi	20kgf/mm	40%
218015	φ6	φ4.4		7.9MPa (80kgf/cm ²) 1,160psi	21kgf/mm	
206823	φ8	φ6		5.9MPa (60kgf/cm ²) 870psi	23kgf/mm	

Material: JIS H3300C1220T-0L (phosphor deoxydized copper)

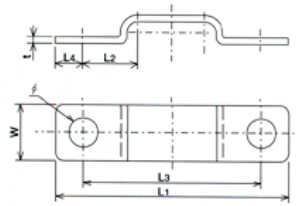
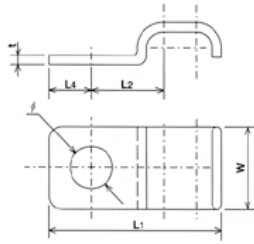
Steel tubing

Part Number	Outer diameter	Inner diameter	Standard length	Standard length	Tensile strength	Extension	Surface treatment
218011	φ4	φ2.6	2M (6.5F)	24.5MPa (250kgf/cm ²) 3,625psi	Over 30kgf/mm	25%	Ep-Fe/Zn 8/CM
218012	φ6	φ4.6					
206836	φ8	φ6.6					
206837	φ10	φ8.6					

Material: JIS G3141 (Equivalent to SPCC)

Tube clips

Dimensional drawing



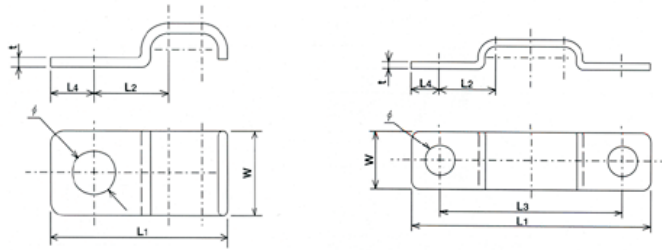
Part Number

Straight tube end

Part Number	Model	Number and O.D. of tubing		L1	L2	L3	L4	t	W	φ
106301	PC-4.1	φ4×1	One side fixed	17 (0.67")	9 (0.35")	-	5 (0.20")	1.2	10	5.2
106302	PC-4.2	φ4×2		21 (0.87")	9 (0.35")	-				
106303	PC-4.3	φ4×3		25 (0.98")	9 (0.35")	-				
106304	PC-4.4	φ4×4	Two side fixed	42 (1.65")	10 (0.39")	32 (1.26")				
106305	PC-4.5	φ4×5		46 (1.81")	10 (0.39")	36 (1.42")				
106306	PC-4.6	φ4×6		50 (1.97")	10 (0.39")	40 (1.57")				
106311	PC-4.1L	φ4×1	One side fixed	16 (0.63")	9 (0.35")	-	8 (0.31")	1.2	15	8.5
106312	PC-4.2L	φ4×2		20 (0.79")	9 (0.35")	-				
106314	PC-4.4L	φ4×4	Two side fixed	42 (1.65")	10 (0.39")	32 (1.26")				
106315	PC-4.5L	φ4×5		46 (1.81")	10 (0.39")	36 (1.42")				
106316	PC-4.6L	φ4×6		50 (1.97")	10 (0.39")	40 (1.57")				
106321	PC-4.4-8.5	φ4×1	One side fixed	22 (0.87")	11 (0.43")	-				
106322	PC-4.2-8.5	φ4×2		26.2 (1.03")	11 (0.43")	-				
106323	PC-4.3-8.5	φ4×3		30.4 (1.20")	11.2 (0.44")	-				
106324	PC-4.4-8.5	φ4×4	Two side fixed	50 (1.97")		34 (1.34")				
106325	PC-4.5-8.5	φ4×5	One side fixed	38.4 (1.51")	11.2 (0.44")	-				

☛ Tube clips

Dimensional drawing



Part Number	Model	Number and O.D. of tubing		L1	L2	L3	L4	t	W	φ
206301	PC-6-1	φ6×1	One side fixed	20 (0.79")	10 (0.39")	-	5 (0.20")	1.2	10	5.2
206302	PC-6-2	φ6×2		25 (0.98")	10 (0.39")	-				
206303	PC-6-3	φ6×3		31 (1.22")	10 (0.39")	-				
206311	PC-6-1L	φ6×1		19 (0.75")	10 (0.39")	-				
2063012	PC-6-2L	φ6×2		24 (0.94")	10 (0.39")	-	8 (0.31")		15	8.5
206313	PC-6-3L	φ6×3		30 (1.18")	10 (0.39")	-				
206321	PC-6-1-8.5	φ6×1		24.2 (0.95")	12 (0.47")	-				
206322	PC-6-2-8.5	φ6×2		30.4 (1.20")	12 (0.47")	-				

Part Number	301Model	Number and O.D. of tubing		L1	L2	L3	L4	t	W	φ
207301	PC-8-1	φ8×1	One side fixed	23.7 (0.93")	12 (0.47")	-	5 (0.20")	1.6	11.5	6.4
207302	PC-8-2	φ8×2		31.8 (1.25")	12 (0.47")	-				
208301	PC-10-3	φ10×3		29.2 (1.15")	14 (0.57")	-	8 (0.31")			

Flexible hose

For low pressure



Dimensional drawing



Part Number		L(mm)
φ4	φ6	
106701	206701	125
106702	206702	150
106731	206703	175
106704	206704	200
106705	206705	225
106706	206706	250
106707	206707	300
106708	206708	350
106709	206709	400
106710	206710	450
106711	206711	500
106712	206712	6550
106713	206712	600
106770	206736	625
106771	206735	650
106714	206714	675
106772	206717	700
106715	206715	750
106773	206718	800
106716	206716	825

Flexible hose

For low pressure

106717	206719	850
106718	206720	900
106764	206721	950
106719	206722	1000
106774	206723	1100
106775	206724	1200
106776	206725	1300
106765	206726	1400
106766	206727	1500
106767	206728	1600
106768	206729	1700
106777	206730	1800
106769	206731	1900
106778	206732	2000
166783	206737	2500
166794	206734	3000
166795	203738	4000
166796	203739	5000

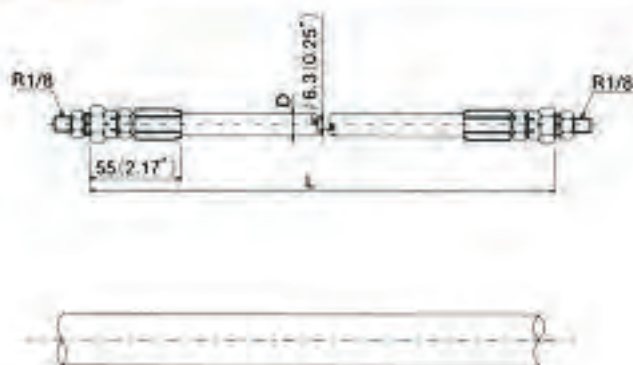
Tubing O.D.	φ4	φ6
Working pressure	2.9MPa(30kgf/cm ²)435psi	3.9MPa(40kgf/cm ²)580psi
Working temperature range	-20℃+90~℃(-4°F+194°F)	
Minimum bending radius	R40	R120
d1	φ4	φ6
d2	φ8	φ10
d3	φ10	φ13.5

Flexible hose

For moderate and high pressure



Dimensional drawing



Part Number

For moderate pressure and high pressure
(working temperature $-40^{\circ}\text{C} \sim +100^{\circ}\text{C} / -40^{\circ}\text{F} \sim +212^{\circ}\text{F}$)

Part Number	L(m/m)	Working Pressure		Minimum bending radius		D	
		10.3MPa (105kgf/cm ²) 1,520psi	34.2MPa (350kgf/cm ²) 5,075psi	R85	R105	φ13.5	φ15
250151	500	○		○		○	
250152	700	○		○		○	
250153	1000	○		○		○	
250154	1500	○		○		○	
250161	500		○		○		○
250162	700		○		○		○
250163	1000		○		○		○
250164	1500		○		○		○

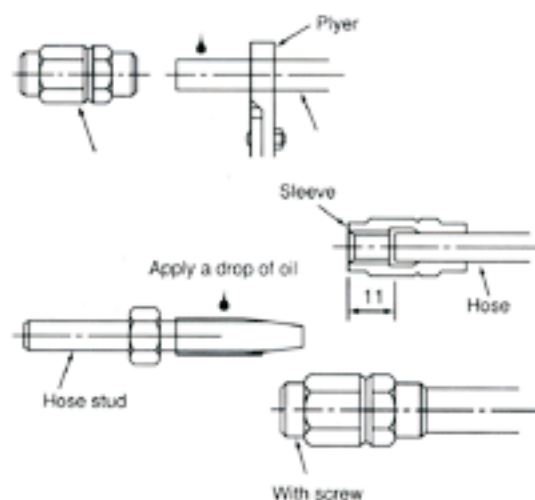
Flexible hose

For high pressure
 (working temperature $-30^{\circ}\text{C}\sim+80^{\circ}\text{C}/-22^{\circ}\text{F}\sim+176^{\circ}\text{F}$)

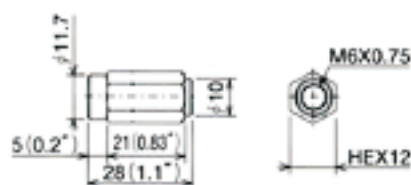
Part Number	Outer diameter		Inner diameter		Standard length		Working pressure		Burst Pressure		Minimum bending radius		Material	Color
	$\phi 8.4$	$\phi 6.0$	$\phi 4.2$	$\phi 3.0$	50m	100m	34.3MPa (350kgf/cm ²) 5,075psi	7.4MPa (600kgf/cm ²) 1,087psi	58.8MPa (600kgf/cm ²) 8,700psi	24.5MPa (250kgf/cm ²) 3,625psi	R35	R50		
403010	○		○		○		○		○		○		○	○
Mk0102		○		○		○		○		○		○	○	○

● Hose connections (for 403010)

Insert the hose sleeve (403001) into the hose. Then rotate counter-clockwise. Applying some oil on the hose surface will make it easier to handle. Stop when reaching the position 11mm away from the end. Then insert the hose stud by rotating clockwise until the hexagonal portion of the hose stud touches the hose sleeve.



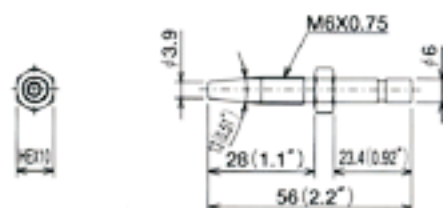
● Hose sleeve



Part Number

403001

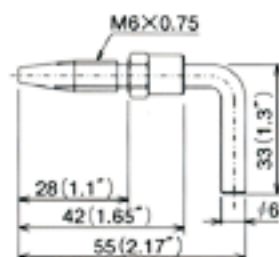
● Hose stud



Part Number

403002

● Hose stud elbow



Part Number

403003

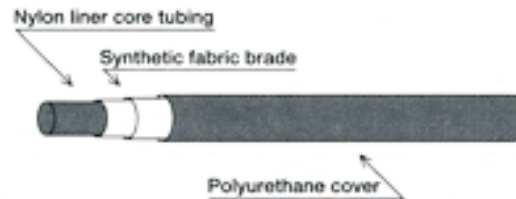
Flexible hose

For high pressure

Dimensional drawing

● N3130 Series

- Soft, yet hard to break



Part Number

Part Number	Outer diameter	Innerr diameter		Max Operating pressure		Max Inpact pressure		Min Burst pressure		Min Bending pressure	Whight
	(mm)	(in)	(mm)	MPa	kgf/cm ²	MPa	kgf/cm ²	MPa	kgf/cm ²	(mm)	(g/m)
N3130-03	10.4	3/16	4.8	21.0	210	26.3	263	840	840	20	65
N3130-04	12.5	4/1	6.3	19.5	195	24.4	244	770	770	40	105
N3130-05	14.7	5/16	7.9	17.5	175	21.9	219	700	770	45	130
N3130-06	16.4	3/8	9.5	16.0	160	20.0	200	630	630	50	150
N3130-08	20.3	1/2	17.7	14.0	140	17.5	175	560	560	75	210
N3130-12	26.6	3/4	19.0	9.0	90	11.3	113	350	350	130	290
N3130-16	33.4	1	25.4	7.0	70	8.8	88	280	280	165	400

Flexible hose

For high pressure

Dimensional drawing

● 3130 Series

- Excellent oil -proof and chemical -proof characteristics.



Part Number

Part Number	Outer diameter	Innerr diameter		Max Operating pressure		Max Impact pressure		Min Burst pressure		Min Bending pressure	Whight
	(mm)	(in)	(mm)	MPa	kgf/cm ²	MPa	kgf/cm ²	MPa	kgf/cm ²	(mm)	(g/m)
3130-02	8.3	1/8	3.6	20.0	200	25.0	250	72.0	720	15	45
3130-03	10.4	3/16	4.8	20.0	200	25.0	250	72.0	720	30	65
3130-04	12.4	1/4	6.3	20.0	200	25.0	250	72.0	720	40	105
3130-05	13.8	5/16	7.9	18.0	180	22.5	225	65.0	650	50	115
3130-06	16.1	3/8	9.5	18.0	180	22.5	225	65.0	650	60	150
3130-08	19.9	1/2	12.7	16.0	160	20.0	200	58.0	580	80	210
3130-12	26.2	3/4	19.0	10.0	160	12.5	125	36.0	360	160	290

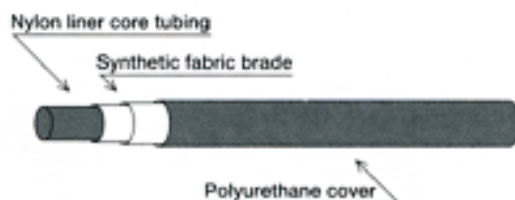
Flexible hose

For high pressure

Dimensional drawing

● 3700 Series

- Excellent flexibility and stable performance under low temperature (-55°C).



Part Number

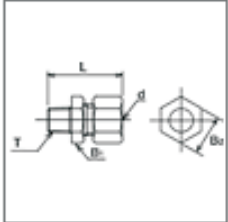
Part Number	Outer diameter		Innerr diameter		Max Operating pressure		Max Inpact pressure		Min Burst pressure		Min Bending pressure	Whight
	(mm)	(in)	(mm)	(in)	MPa	kgf/cm ²	MPa	kgf/cm ²	MPa	kgf/cm ²	(mm)	(g/m)
3003-03	10.4	3/16	4.8		34.0	340	24.5	425	100.0	1000	70	76
3000-04	12.5	1/4	6.3		30.0	300	37.5	375	90.0	900	75	98
3000-06	16.0	3/8	9.5		24.0	240	30.0	300	70.0	700	120	140
3000-08	19.8	1/2	12.7		20.0	200	25.0	250	60.0	600	160	199
3000-12	26.2	3/4	19.0		13.0	130	16.3	163	38.0	380	250	276
3000-16	33.0	1	25.4		10.0	100	12.5	125	30.0	300	300	366

Fittings For Copper tubing



Part Number

Straight nipple



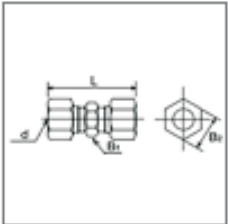
Dimensional drawing

Model	Part Number	Pipe O.D	T	L	B1	B2
S61-BD	250101	φ6	R1/8	27.0	12.0	12.0
S62-BD	290219		R1/4	34.0		
S81-BD	250121	φ8	R1/8	31.0	14.0	17.0
S82-BD	290245		R1/4	35.0		

Material: Brass (C3604BD)

Part Number

Union



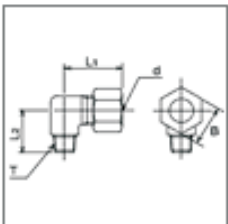
Dimensional drawing

Model	Part Number	Pipe O.D	L	B1	B2
U6-BD	250102	φ6	32.0	12.0	12.0
U8-BD	250122	φ8	40.0	14.0	17.0

Material: Brass (C3604BD)

Part Number

Elbow Nipple



Dimensional drawing

Model	Part Number	Pipe O.D	T	L1	L2	B
E61-BD	250103	φ6	R1/8	20.0	17.0	12.0
E62-BD	290277		R1/4	25.0	22.0	
E81-BD	250123	φ8	R1/8	26.0	19.0	17.0
E82-BD	290246		R1/4		22.0	

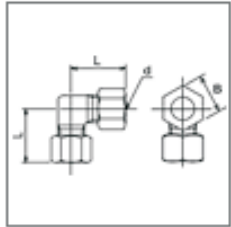
Material: Brass (C3604BD)

Note: All Adapter Assemblies come with fitting and correct amount of associated Nut and Sleeve to make connections

Fittings For Copper tubing



Part Number



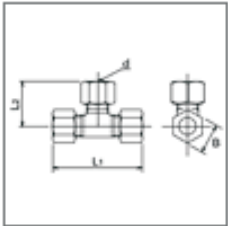
Elbow Union

Model	Part Number	Pipe O.D	L	B
EU6-BD	250104	φ6	20.0	14.0
EU8-BD	250124	φ8	29.0	17.0

Dimensional drawing

Material: Brass (C3604BD)

Part Number



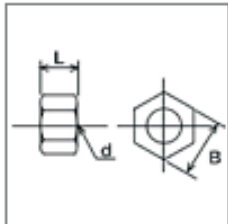
Tee

Model	Part Number	Pipe O.D	L1	L2	B
T6-BD	250105	φ6	40.0	20.0	14.0
T8-BD	250125	φ8	58.0	29.0	17.0

Dimensional drawing

Material: Brass (C3604BD)

Part Number



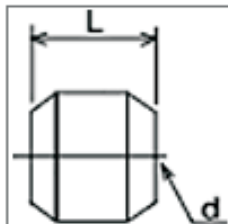
Nut

Model	Part Number	Pipe O.D	L	B
N6-BD	250109	φ6	11.0	14.0
N8-BD	250129	φ8	13.0	17.0

Dimensional drawing

Material: Brass (C3604BD)

Part Number



Sleeve

Model	Part Number	Pipe O.D	L
F6-BD	250108	φ6	6.5
F8-BD	250128	φ8	8.0

Dimensional drawing

Material: Brass (C3604BD)

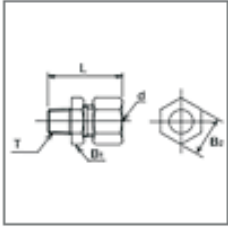
Note: All Adapter Assemblies come with fitting and correct amount of associated Nut and Sleeve to make connections

Fittings For Steel Tubing



Part Number

Straight nipple



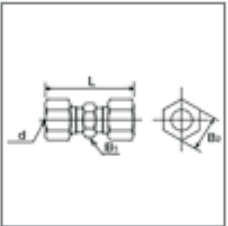
Dimensional drawing

Model	Part Number	Pipe O.D	T	L	B1	B2
S61-SC	250111	φ6	R1/8	34.5	14.0	14.0
S62-SC	290191		R1/4	37.5	17.0	
S81-SC	250131	φ8	R1/8	35.5	17.0	17.0
S82-SC	290290		R1/4	37.5		

Material: Carbon Steel (S25C)

Part Number

Union



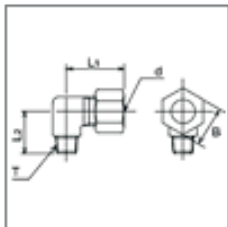
Dimensional drawing

Model	Part Number	Pipe O.D	L	B1	B2
U6-SC	250112	φ6	43.0	14.0	14.0
U8-SC	250132	φ8	52.0	17.0	17.0

Material: Carbon Steel (S25C)

Part Number

Elbow Nipple



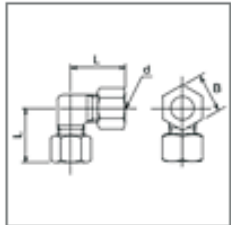
Dimensional drawing

Model	Part Number	Pipe O.D	T	L1	L2	B
E61-SC	250113	φ6	R1/8	30.5	14.0	14.0
E62-SC	290184		R1/4		17.0	
E81-SC	250133	φ8	R1/8	33.5	16.0	17.0
E82-SC	290043		R1/4		18.0	

Material: Carbon Steel (S25C)

Note: All Adapter Assemblies come with fitting and correct amount of associated Nut and Sleeve to make connections

Fittings For Steel Tubing



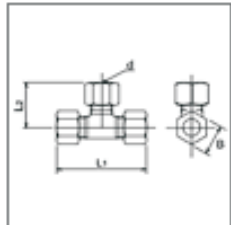
Dimensional drawing

Part Number

Elbow Union

Model	Part Number	Pipe O.D	L	B
EU6-SC	250114	φ6	26.5	14.0
EU8-SC	250134	φ8	33.5	17.0

Material: Carbon Steel (S25C)



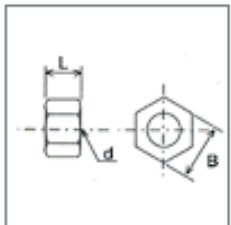
Dimensional drawing

Part Number

Tee

Model	Part Number	Pipe O.D	L1	L2	B
T6-SC	250115	φ6	53.0	26.5	14.0
T8-SC	250135	φ8	67.0	33.5	17.0

Material: Carbon Steel (S25C)



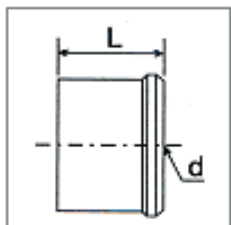
Dimensional drawing

Part Number

Nut

Model	Part Number	Pipe O.D	L	B
H6-SC	250119	φ6	13.0	17.0
H8-SC	250139	φ8	15.0	14.0

Material: Carbon Steel (S25C)



Dimensional drawing

Part Number

Sleeve

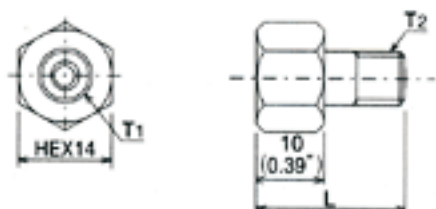
Model	Part Number	Pipe O.D	L
F6-SC	250118	φ6	14
F8-SC	250138	φ8	

Material: Carbon Steel (S25C)

Note: All Adapter Assemblies come with fitting and correct amount of associated Nut and Sleeve to make connections



Dimensional drawing

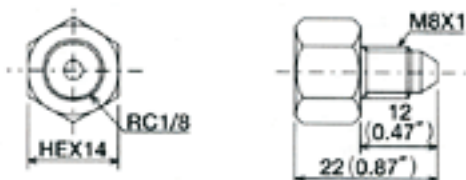


Part Number

Straight connector

Part Number	L	T1	T2
106141	20(0.79")	Rc 1/8	R 1/8
186141	20(0.79")	1/8 NPT	1/8 NPT
106142	25(0.98")	Rc 1/8	R 1/8
186142	25(0.98")	1/8 NPT	1/8 NPT
① 106143	30(1.18")	Rc 1/8	R 1/8
186143	30(1.18")	1/8 NPT	1/8 NPT
① 106144	40(1.57")	Rc 1/8	R 1/8
① 106145	50(1.97")	Rc 1/8	R 1/8
① 106146	60(2.36")	Rc 1/8	R 1/8
① 206141	20(0.79")	Rc 1/8	R 1/4

Dimensional drawing



Part Number

Part Number

106147

Dimensional drawing



Part Number

Part Number	T
106151	2-R1/8
186151	2-1/8NPT

Dimensional drawing



[PAGE TOP](#)

Part Number

Part Number
① 106154

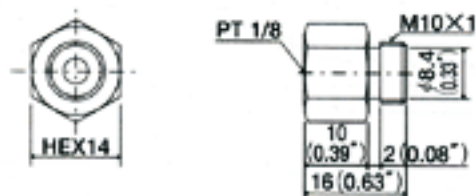
Dimensional drawing



Part Number

Part Number	T1	T2
① 106174	Rc1/8	M8x1
106231	M8x1	M8x1
186231	5/16-24	5/16-24

Dimensional drawing

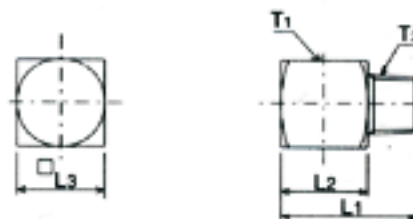


Part Number

Part Number

① 106177

Dimensional drawing

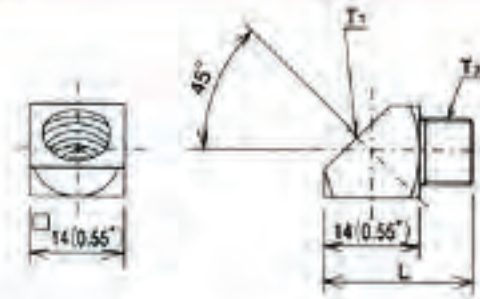


Part Number

Elbow connector

Part Number	L1	L2	L3	T1	T2
106101	22(0.87")	14(0.55")	14(0.55")	Rc 1/8	R 1/8
186101	22(0.87")	14(0.55")	14(0.55")	1/8 NPT	1/8 NPT
106102	25(0.98")	14(0.55")	14(0.55")	Rc 1/8	R 1/8
186102	25(0.98")	14(0.55")	14(0.55")	1/8 NPT	1/8 NPT
106103	30(1.18")	14(0.55")	14(0.55")	Rc 1/8	R 1/8
106104	40(1.57")	14(0.55")	14(0.55")	Rc 1/8	R 1/8
① 106105	50(1.97")	14(0.55")	14(0.55")	Rc 1/8	R 1/8
① 106106	60(2.36")	14(0.55")	14(0.55")	Rc 1/8	R 1/8
① 106107	20(0.79")	12(0.47")	12(0.47")	Rc 1/8	R 1/8

Dimensional drawing



Part Number

Part number	L	T1	T2
① 106121	22(0.87")	Rc 1/8	R 1/8
186121	22(0.87")	1/8 NPT	1/8 NPT
① 106122	25(0.98")	Rc 1/8	R 1/8
186122	25(0.98")	1/8 NPT	1/8 NPT
① 106123	30(1.18")	Rc 1/8	R 1/8
① 106124	40(1.57")	Rc 1/8	R 1/8
① 106125	50(1.97")	Rc 1/8	R 1/8
① 106126	60(2.36")	Rc 1/8	R 1/8

PAGE TOP

Dimensional drawing



Part Number

Part Number	L	T1	T2
① 106181	14(0.55")	R1/8	M6×1
920730	12(0.47")	1/2-28	1/2-28

Connectors

Dimensional drawing



Part Number

Part Number

① 106182

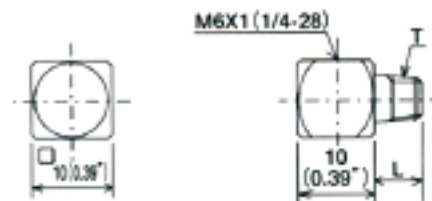
Dimensional drawing



Part Number

Part Number	L	T
① 106183	6(0.24")	M5×0.8
① 106184	6(0.24")	M6×0.75
① 106185	6(0.24")	M6×1
① 106189	6(0.24")	M7×1
① 106192	8(0.31")	M6×0.75
① 166039	14(0.55")	M6×0.75
186032	8.6(0.34")	1/4-28

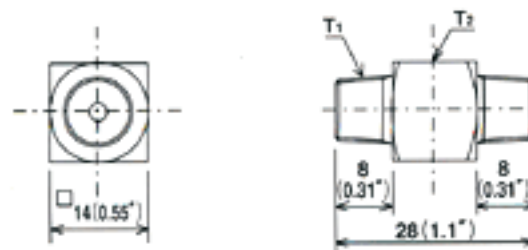
Dimensional drawing



Part Number

Part Number	T	d
⑩ 106186	M6×1	5
⑩ 106187	M6×1	6
⑩ 106188	M6×1	7

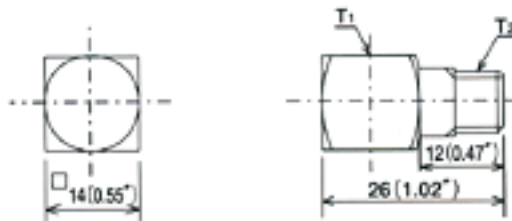
Dimensional drawing



Part Number

Part Number	T1	T2
106161	2-R1/8	Rc1/8
186161	2-11/8 NPT	1/8 NPT

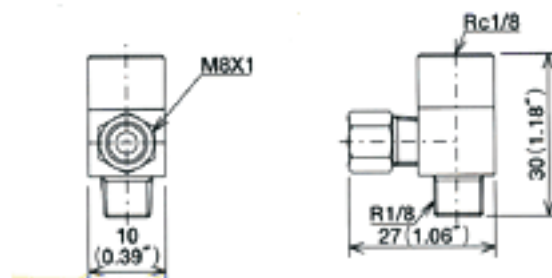
Dimensional drawing



Part Number

Part Number	T1	T2
106171	2-Rc 1/8	R 1/8
186171	2-1/8 NPT	1/8 NPT

Dimensional drawing



Part Number

Part Number

W619322

Adapters

Straight adapter



Dimensional drawing



Part Number

Part Number	Tubing O.D			L1	L1	T1	T2	B
	φ4	φ6	φ8					
106001	○			16(0.63")	8(0.31")	M8×1	R1/8	HEX10
186001	○			16(0.63")	8(0.31")	5/16-24	1/8NPT	HEX10
106002	○			20(0.79")	12(0.47")	M8×1	R1/8	HEX10
186002	○			20(0.79")	8(0.31")	5/16-24	1/8NPT	HEX10
① 106003	○			25(0.98")	17(0.67")	M8×1	R1/8	HEX10
① 106004	○			30(1.18")	22(0.87")	M8×1	R1/8	HEX10
① 106005	○			35(1.38")	27(1.06")	M8×1	R1/8	HEX10
① 166004	○			22(0.87")	10(0.40")	M8×1	1/4-28UNF	HEX10
166142				20(0.79")	10(0.40")	1/8NPT	R1/8	HEX14
206001		○		20(0.79")	8(0.31")	M10×1	R1/8	HEX12
① 207001			○	25(0.98")	10(0.40")	M14×1.5	R1/4	HEX17

Adapters

Dimensional drawing



Part Number

PartNumber	Tubing O.D	T1	T2
106011	φ4	M8×1	R1/8
186011	φ4	5/16-24	1/8NPT

Dimensional drawing



Part Number

PartNumber	Tubing O.D
106061	φ4

Dimensional drawing

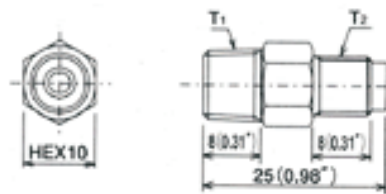


Part Number

PartNumber	Tubing O.D&φ4	L1	L2	T
① 106062	○	20(0.79")	4(0.16")	M6□×1
① 106064	○	30(1.18")	14(0.55")	M6×0.75
① 106065	○	23(0.91")	7(0.28")	M6×0.75

Adapters

Dimensional drawing



Part Number

PartNumber	Tubing O.D.Φ	T1	T2
⑩ 106081	φ4	R1/8	M8□×1
186081	φ4	1/8NPT	5/16-24

Dimensional drawing



Part Number

Part Number	Tubing O.D.		T1	T2	B
	φ4	φ6			
⑩ 106082	○		M8×1	M5□×0.8	HEX10
⑩ 106083	○		M8×1	M5□×0.9	HEX10
⑩ 106084	○		M8×1	M6×1	HEX10
⑩ 106085	○		M8×1	M6×0.75	HEX10
⑩ 106087	○		M8×1	M7×1	HEX10
⑩ 106088	○		M8×1	M8×1	HEX10
⑩ 106089	○		M8×1	M10×1	HEX12
⑩ 106094		○	M10×1	M6×1	HEX12
⑩ 106099	○		M8×1	1/4-28UNF	HEX10
⑩ 106353		○	M10×1	1/4-28UNF	HEX12
166144	○		R1/8	M6×1	HEX12
010014	○		5/16-24	1/4-28	HEX3/8
920749	○		R1/8	1/4-28	HEX12

Adapters

Dimensional drawing



Part Number

Part Number	Tubing O.D.		T1	T2	L
	φ4	φ6			
⑩ 106091	○		M8×1	R1/4	18(0.71")
⑩ 206081		○	M10×1	R1/4	20(0.79")

Dimensional drawing



Part Number

Part Number	Tubing O.D.
⑩ 106095	φ6

Dimensional drawing



Part Number

Part Number	Tubing O.D.		T	D
	φ6			
⑩ 106096	○		M8×1	φ5
⑩ 106097	○		M8×1	φ6.2
106098	○		M8×1	φ6.85

Adapters

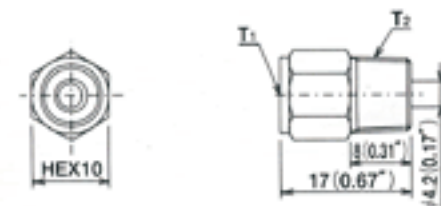
Dimensional drawing



Part Number

Part Number	Tubing O.D.		T	D
	φ6			
106096	○		M8×1	φ5
106097	○		M8×1	φ6.2
106098	○		M8×1	φ6.85

Dimensional drawing



Part Number

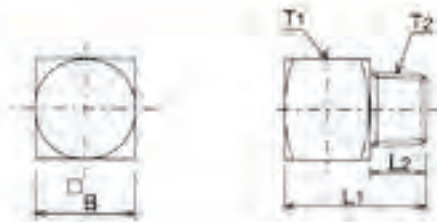
Part Number	Tubing O.D.		T	D	L
	φ4	φ6			
206012	○		M8×1	φ3	14 (0.55")
206011		○	M10×1	φ4	16 (0.63")

Adapters

Elbow adaptert-adapter



Dimensional drawing

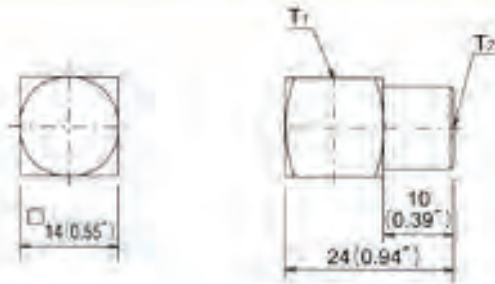


Part Number

Part Number	Tubing O.D.		L1	L2	T1	T2	B
	φ4	φ6					
106021	○		20(0.79")	8(0.31")	M8×1	R1/8	14
106022	○		25(0.98")	13(0.51")	M8×1	R1/8	14
① 106023	○		30(1.18")	18(0.71")	M8×1	R1/8	14
① 106024	○		40(1.57")	28(1.10")	M8×1	R1/8	14
① 106025	○		50(1.97")	38(1.50")	M8×1	R1/8	14
① 106026	○		60(2.36")	48(1.89")	M8×1	R1/8	14
186021	○		20(0.79")	8(0.31")	5/16-24	1/8NPT	14
186022	○		25(0.98")	13(0.51")	5/16-24	1/8NPT	14
① 206091	○		25(0.98")	11(0.43")	M8×1	R1/4	14
206092		○	22(0.87")	8(0.31")	M10×1	R1/8	16

Adapters

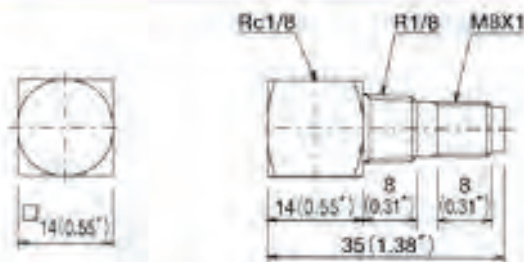
Dimensional drawing



Part Number

Part Number	Tubing O.D.	T1	T2
⑩ 106031	φ4	Rc1/8	M8×1
186031	φ4	1/8NPT	5/16-24UNF

Dimensional drawing

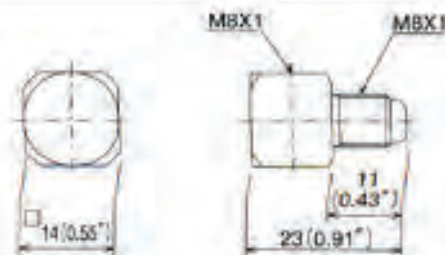


Part Number

Part Number	Tubing O.D.
106071	φ4

Note: Call for other dimensions.

Dimensional drawing

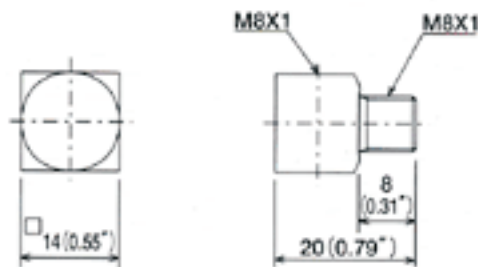


Part Number

Part Number	Tubing O.D.
106028	φ4

Adapters

Dimensional drawing

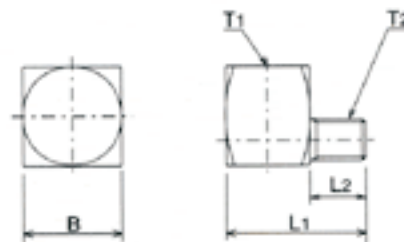


Part Number

Part Number	Tubing O.D.
106029	φ4

PAGE TOP

Dimensional drawing

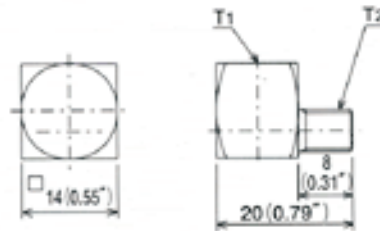


Part Number

Part Number	Material	L1	L2	T1	T2	B
106074	SS330B	20(0.79")	8(0.31")	M8×1	M6×1	14
166036	SUM-21	20(0.79")	8(0.31")	M8×1	1/4-28UNF	14
106033	C3604	20(0.79")	8(0.31")	M8×1	M8×1.25	14
166035	C3604	22(0.87")	8(0.31")	M10×1	M10×1	16
166040	C3604	22(0.87")	8(0.31")	M10×1	1/4-28UNF	16

Adapters

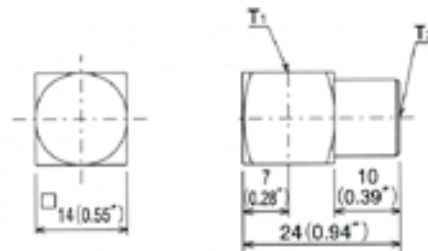
Dimensional drawing



Part Number

Part Number	Tubing O.D.	T1	T2
106075	○	M8×1	M6×0.75
106076	○	M8×1	M6×1

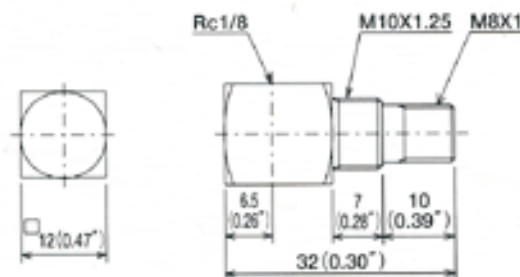
Dimensional drawing



Part Number

Part Number	T1	T2
Ⓢ 106041	2-Rc1/8	M8×1
186041	2-1/8NPT	5/16-24

Dimensional drawing



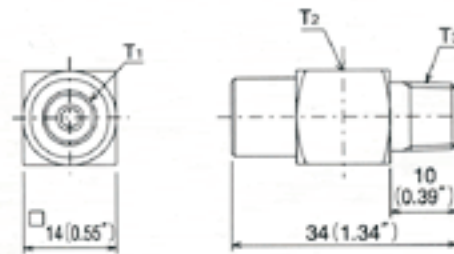
Part Number

Part Number

Ⓢ 106049

Adapters

Dimensional drawing



Part Number

Part Number	T1	T2	T3
106051	M8×1	Rc1/8	Rc1/8
186051	5/16-24UNF	1/8NPT	1/8NPT

Push to Connect Fittings

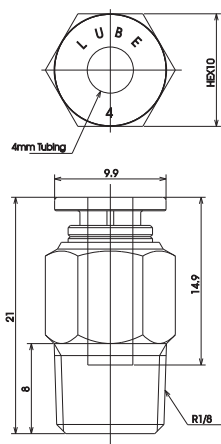


Push-to-connect Fitting (Straight)

Model	Part Number	Tubing O.D. (ϕ)	L1(ϕ)	L2(ϕ)	B
KBC4-01	209503	4mm	23	21	10
KBC6-01	209513	6mm	23	21	10

Material: The tubing that can be used is nylon tubing.

Drawing

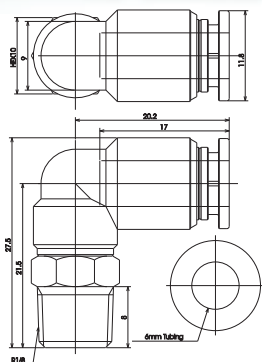


Push-to-connect Fitting (Elbow)

Model	Part Number	Tubing O.D. (ϕ)	B
KBL4-01	209508	4mm	11.8
KBL6-01	209518	6mm	11.8

Material: The tubing that can be used is nylon tubing.

Drawing



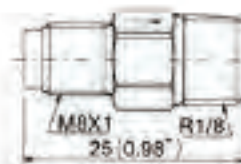
☛ Check valves/Swivel elbow/Banjo elbow



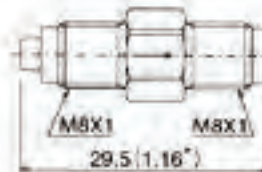
Dimensional drawing

● Check valve

109407



109415



109416



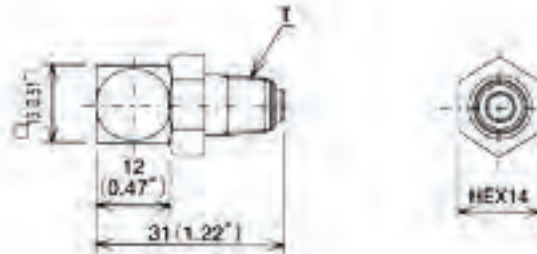
Part Number

Part Number	Model	Operating puresure
109407	HSA	0.034MPa (0.35kgf/cm ²)
109415	HJB	0.034MPa (0.35kgf/cm ²)
109416	HTU	0.016MPa (0.16kgf/cm ²)

Check valves/Swivel elbow/Banjo elbow

Dimensional drawing

● Swivel elbow



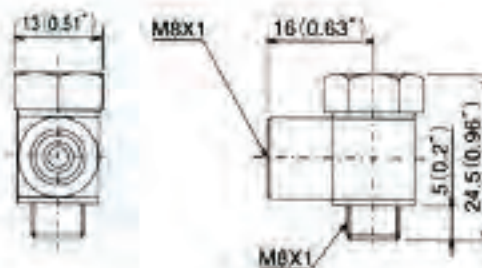
Part Number

Part Number	Model	Operating puressure
109412	100rpm/MAX	R 1/8
189402	100rpm/MAX	1/8NPT

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Dimensional drawing

● Banjo elbow

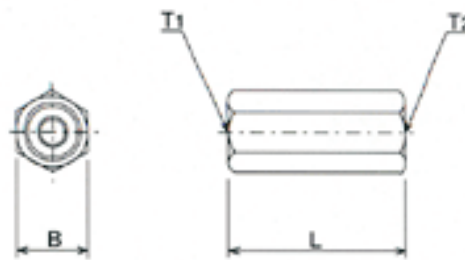


Part Number

Part Number

106027

Dimensional drawing

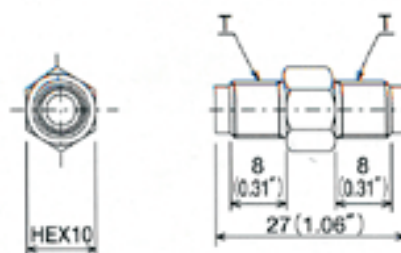


Part Number

Part Number	Tubing O.D.	T1	T1	L	B
106201	$\varphi 4 \times \varphi 4$	M8×1.0	M8×1.0	25(0.98")	HEX10
186201	$\varphi 4$	5/16-24	5/16-24	25(0.98")	HEX10
106202	$\varphi 4 \times \varphi 6$	M8×1.0	M8×1.0	27(1.06")	HEX12
Ⓞ 106291	$\varphi 4$	M8×1.0	Rc 1/8	25(0.98")	HEX14
Ⓞ 106292	$\varphi 6 \times \varphi 6$	M10×1.0	M10×1.0	29(1.14")	HEX14
Ⓞ 106293	$\varphi 6$	M10×1.0	Rc 1/8	25(0.98")	HEX14
Ⓞ 106294	-	Rc 1/8	Rc 1/8	25(0.98")	HEX14
Ⓞ 207201	$\varphi 8 \times \varphi 8$	M14×1.5	M14×1.5	40(1.57")	HEX17
Ⓞ 207202	-	Rc 3/8	Rc 1/8	25(0.98")	HEX21

Material:C3604

Dimensional drawing



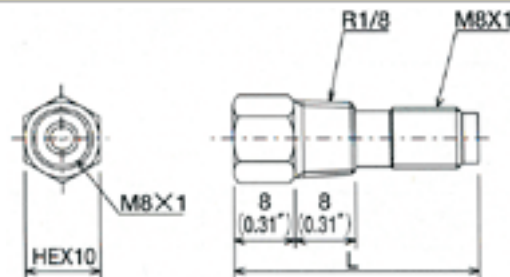
Part Number

Part Number	Tubing O.D.	T
106211	$\varphi 4$	2-M8×1
186211	5/32"	2-5-16-24 UNF

Material:C3604

Couplers/Unions

Dimensional drawing



Part Number

Part Number	Ttbing O.D.	L
106221	$\varphi 4$	32(1.26")
① 106222	$\varphi 4$	40(1.57")

Material:C3604

Dimensional drawing

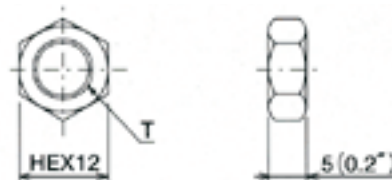


Part Number

Part Number	Tubing O.D.
106231	$\varphi 4$

Material:C3604

Dimensional drawing



Part Number

Part Number	T
106232	M8x1
186234	5/16-24 UNF

Material:SS400

Drive bushing/Barb fittings



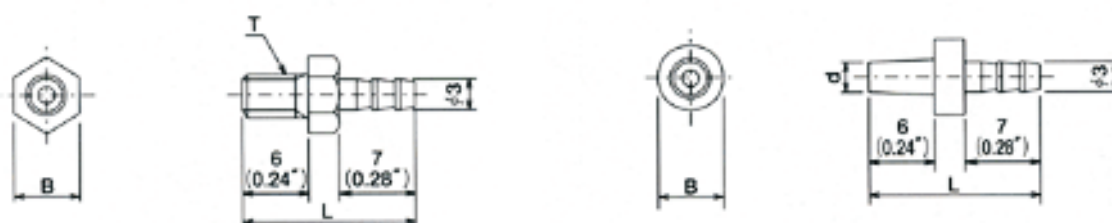
Dimensional drawing



Part Number

Part Number	Tubing O.D.	d1	d2	B
106257	φ4	φ4.7	φ4.5	6
106256	φ4	φ6	φ6	8
106258	φ4	φ7	φ6.8	8

Dimensional drawing



Part Number

Straight tube end

Part Number	Specification	T	L	B
106931	Threaded type	M4×0.75	16(0.63")	6
106933		M5×0.8	16(0.63")	6
① 106934		M5×0.9	16(0.63")	6
① 106935		M6×0.75	16(0.63")	8
106936		M6×1	16(0.63")	8
① 106937		M8×1.25	16(0.63")	9

Drive bushing/Barb fittings



Dimensional drawing

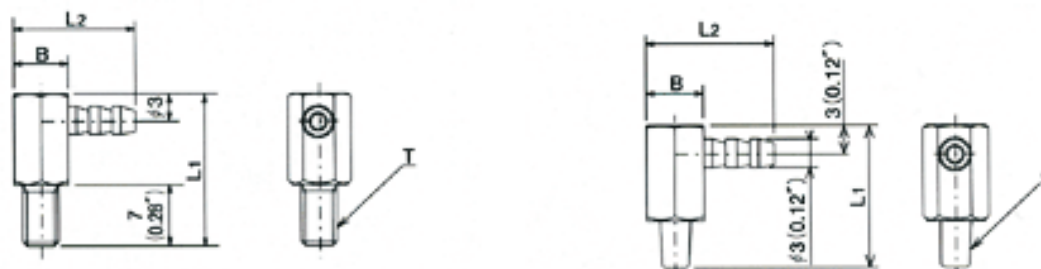


Part Number	Specification	d	L	B
106921	Driving type	$\varnothing 3$	16(0.63")	6
106923		$\varnothing 4$	16(0.63")	6
106924		$\varnothing 4.5$	16(0.63")	7
106925		$\varnothing 5$	16(0.63")	6
① 106926		$\varnothing 5.5$	16(0.63")	8
106927		$\varnothing 6$	16(0.63")	7
① 106928		$\varnothing 7$	16(0.63")	9
① 106929		$\varnothing 8$	16(0.63")	10
① 106930		$\varnothing 6.5$	16(0.63")	8
106931		0.125	16(0.63")	6

Drive bushing/Barb fittings



Dimensional drawing



Part Number

Part Number	Specification	T	L1	L2	B
106911	Threaded type	M4	17(0.98")	13.5(0.53")	6
106912		M4.5	17(0.98")	13.5(0.53")	6
106913		M5×0.8	17(0.98")	15(0.59")	8
106914		M5×0.9	17(0.98")	13.5(0.53")	6
106915		M6×0.75	17(0.98")	15(0.59")	8
106916		M6	17(0.98")	15(0.59")	8
106917		M8	17(0.98")	16(0.63")	9
106954		M4×0.75	15(0.59")	13(0.51")	6
106955		M4.5×0.7	15(0.59")	13(0.51")	6
106956		M5×0.8	15(0.59")	15(0.59")	8

Part Number	Specification	d	L1	L2	B
106901	Driving type	φ3	15(0.59")	13.5(0.53")	6
106902		φ3.5	15(0.59")	13.5(0.53")	6
① 106903		φ4	15(0.59")	13.5(0.53")	6
① 106904		φ4.5	15(0.59")	13.5(0.53")	6
① 106905		φ5	14(0.55")	13.5(0.53")	6
① 106907		φ6	15(0.59")	15(0.59")	8
① 106908		φ3	15(0.59")	15(0.59")	10
① 106909		φ8	14(0.55")	17(0.98")	8
106910		φ6.5	15(0.59")	15(0.59")	8