
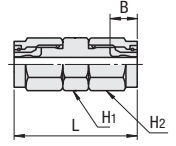

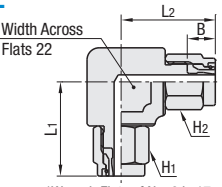

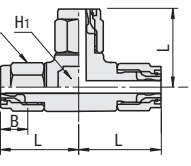

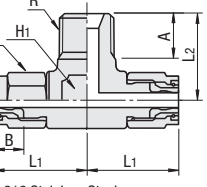
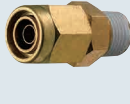
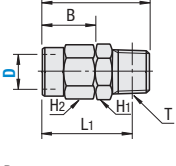

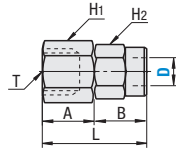


Couplings for Tubes

Unions / Union Elbows / Union Tee / Tees / Nipples / Socket

<p>Couplings for Tubes – Unions</p>  <p>RoHS 10</p>	<p>MCUN</p>  <p>Material: 316 Stainless Steel</p>
<p>Couplings for Tubes – Union Elbows</p>  <p>RoHS 10</p>	<p>MCUE</p>  <p>*Width Across Flats 22 *Wrench Flats of No. 6 is 17. Material: 316 Stainless Steel</p>
<p>Couplings for Tubes – Union Tee</p>  <p>RoHS 10</p>	<p>MCUT</p>  <p>Material: 316 Stainless Steel</p>
<p>Couplings for Tubes – Tees</p>  <p>RoHS 10</p>	<p>MCTPT</p>  <p>Material: 316 Stainless Steel</p>
<p>Couplings for Tubes – Nipples</p>  <p>RoHS 10</p>	<p>TJBNC</p>  <p>Material: Brass</p>
<p>Couplings for Tubes – Socket</p>  <p>RoHS 10</p>	<p>TJBSC</p>  <p>Material: Brass</p>

Specifications

Material	316 Stainless Steel	Brass
Applicable Fluid	Air / Water	
Operating Temperature Range	-65~260°C (Air) 0~100°C (Water)	-40~80°C
Max. Operating Pressure	It applies to Maximum Operating Pressure of tubes.	
Operating Vacuum Level	-100 kPa	

Part Number Type	No.	Applicable Tube Outer Dia. (mm)	Applicable Tube Inner Dia. (mm)	L	B	Wrench Flats	
						H ₁	H ₂
MCUN	4	4	2.5	28	6	10	10
	6	6	4	32	7	12	12
	8	8	6	36	7.5	14	14
	10-6	10	6.5	40	8	17	17
	12-8	12	8	44	9.5	17	19
	12-9	12	9	44	9.5	17	19
12	12	10	44	9.5	17	19	

Part Number Type	No.	Applicable Tube Outer Dia. (mm)	Applicable Tube Inner Diameter (mm)	L ₁	L ₂	B	Wrench Flats	
							H ₁	H ₂
MCUE	6	6	4	23.5	23.5	7	12	12
	8	8	6	27	27	7.5	14	14
	10	10	8	28.5	28.5	8	17	17
	12	12	10	30	30	9.5	19	19

Part Number Type	No.	Applicable Tube Outer Dia. (mm)	Applicable Tube Inner Dia. (mm)	L	B	Wrench Flats	
						H ₁	H ₂
MCUT	4	4	2.5	20	6	12	10
	6	6	4	21.5	7	12	12
	8-5	8	5	23.5	7.5	14	14
	8	8	6	23.5	7.5	14	14
	10	10	8	28.5	8	22	17
	12-8	12	8	30	9.5	22	19
	12-9	12	9	30	9.5	22	19
12	12	10	30	9.5	22	19	

Part Number Type	No.	Thread Size R (PT)	Applicable Tube Outer Dia. (mm)	Applicable Tube Inner Dia. (mm)	L ₁	L ₂	A	B	Wrench Flats	
									H ₁	H ₂
MCTPT	4-1	1/8	4	2.5	20	18	9	6	12	10
	4-2	1/4	4	2.5	21	21	11	6	14	10
	6-1	1/8	6	4	21.5	18	9	7	12	12
	6-2	1/4	6	4	22.5	21	11	7	14	12
	8-15	1/8	8	5	23.5	19	9	7.5	14	14
	8-1	1/8	8	6	23.5	19	9	7.5	14	14
	8-2	1/4	8	6	23.5	21	11	7.5	14	14
	8-3	3/8	8	5	25	23	12	7.5	17	14
	8-36	3/8	8	6	25	23	12	7.5	17	14
	10-2	1/4	10	8	28.5	25	11	8	22	17
	10-36	3/8	10	6.5	28.5	26	12	8	22	17
	10-3	3/8	10	8	28.5	26	12	8	22	17
	12-28	1/4	12	8	30	26	11	9.5	22	19
	12-2	1/4	12	10	30	26	11	9.5	22	19
	12-3	3/8	12	10	30	27	12	9.5	22	19

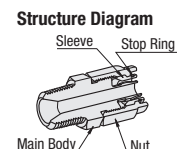
Part Number Type	D (Hose Outer Dia.)	Nom.	Tube Inner Dia. (mm)	L	L ₁	B	H ₁	H ₂	T R (PT)	Mass (g)
2	4	28.5	22.5	14	12	R1/4	26			
8	1	5	28	24	14	14	R1/8	25		
	2	5	30	24	14	14	R1/4	30		
	3	5	31	24.6	17	14	R3/8	41		
10	2	6.5	32	26	15.5	17	R1/4	43		
	3	6.5	33	26.6	17	17	R3/8	50		
	2	8	34	28	17	19	R1/4	49		
12	2	8	35	28.6	17	19	R3/8	57		
	3	8	35	28.6	17	19	R3/8	57		

Part Number Type	D (Hose Outer Dia.)	Nom.	Tube Inner Dia. (mm)	L	A	B	H ₁	H ₂	T Rc (PT) G (PF)	Mass (g)
2	4	26.5	14	17	12	Rc1/4	31			
8	2	5	28	14	17	14	Rc1/4	33		
	2F	5	28	14	17	14	G1/4	33		
	3	5	30	16	22	14	Rc3/8	51		
10	2	6.5	29.5	14	17	17	G1/4	42		
	3	6.5	31.5	16	15.5	22	17	Rc3/8	59	
	2	8	31	14	19	19	Rc1/4	55		
12	2	8	31	14	19	19	G1/4	55		
	2F	8	31	14	19	19	G1/4	55		
	3	8	33	16	22	19	Rc3/8	66		

Part Number Example	Part Number	Nominal
MCTPT6	6	2
TJBNC6	6	1
MCUE6	6	1


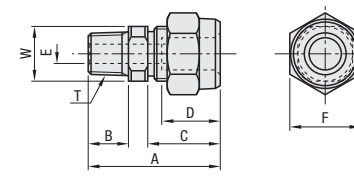

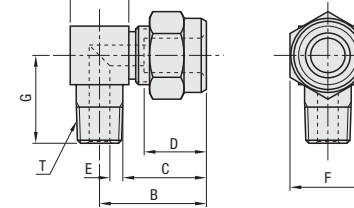

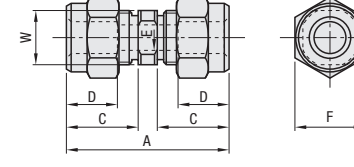

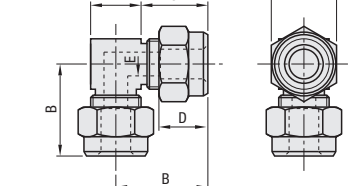

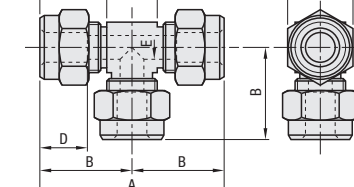

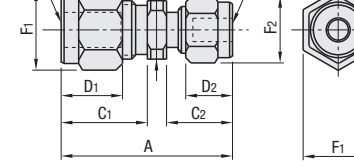
Features

With nut and sleeve in one piece, coupling does not twist the tube when being connected.



Fluororesin Couplings

Threaded Connectors / Bore-Through Connectors / Threaded Elbows / Unions / Union Elbows / Union Tees / Stepped Unions

<p>Fluororesin Couplings – Threaded Connectors / Bore-Through Connectors</p>  <p>RoHS 10</p>	<p>FENL Female Connectors FECT Bore-Through Connectors *Through Fitting</p> 
<p>Fluororesin Couplings – Threaded Elbows</p>  <p>RoHS 10</p>	<p>FEMLT</p> 
<p>Fluororesin Couplings – Unions</p>  <p>RoHS 10</p>	<p>FETP</p> 
<p>Fluororesin Couplings – Union Elbows</p>  <p>RoHS 10</p>	<p>FEUE</p> 
<p>Fluororesin Couplings – Union Tees</p>  <p>RoHS 10</p>	<p>FEUT</p> 
<p>Fluororesin Couplings – Stepped Unions</p>  <p>RoHS 10</p>	<p>FEUR</p> 

Part Number Type	Applicable Tube Outer Dia. (mm)	Nominal	T R (PT)	A	B	C	D	E	F	W
2	1/4	30	13					14		
6	1	1/8	29	9					10	
	2	1/4	33	13	14	10	4	12	14	
	3	3/8	33						17	
8	1	1/8	33	9				4	14	
	2	1/4	36	13	18	12	6	17	14	
	3	3/8	37				6	17		
10	2	1/4	40				6	17		
	3	3/8	40				8	22		
	3	3/8	40				8	22		
	4	1/2	43	17			8	22		

FECT has inner diameter penetrated. Tube can pass through the body and set at free position.
Size 8-1 is applicable only for FENL.

Part Number Type	Applicable Tube Outer Dia. (mm)	Nominal	T R (PT)	B	C	D	E	F	G	W
2	1/4	18					20	14		
6	1	1/8	20					17	11	
	2	1/4	21	14	10	4	12	21	14	
	3	3/8	23					22	17	
8	1	1/8	25				4	20	14	
	2	1/4	25	18	12	6	17	24	14	
	3	3/8	27			6		25	17	
10	2	1/4	30			6		26	17	
	3	3/8	30	21	16	8	22	27	17	
	3	3/8	30			8		27	17	
	4	1/2	32			8		31	22	

Part Number Type	Applicable Tube Outer Dia. (mm)	A	C	D	E	F	W
6	33	14	10	4	12	10	
8	42	18	12	6	17	14	
8	42	18	12	6	17	14	
10	48	21	16	8	22	17	

Part Number Type	Applicable Tube Outer Dia. (mm)	B	C	D	E	F	W
6	19	14	10	4	12	10	
8	25	18	12	6	17	14	
8	25	18	12	6	17	14	
10	30	21	16	8	22	17	

Part Number Type	Applicable Tube Outer Dia. (mm)	A	B	C	D	E	F	W
6	38	19	14	10	4	12	10	
8	50	25	18	12	6	17	14	
10	60	30	21	16	8	22	17	

Part Number Type	Applicable Tube Outer Dia. (mm) T ₁	Applicable Tube Outer Dia. (mm) T ₂	A	C ₁	C ₂	D ₁	D ₂	W	F ₁	F ₂
8	6	37	18	14	12	10	14	17	12	
10	8	45	21	18	16	12	17	22	17	
12	10	53	25	21	18	16	19	26	22	

Part Number Example	Part Number	Nominal
FENL4	4	1