

Couplings for Tubes

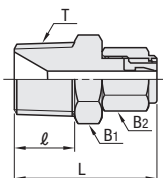
Nut and Sleeve Integrated Type

Straight



RoHS10

MCPTK



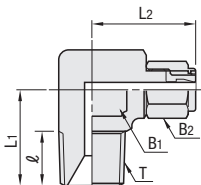
Material: EN 1.4401 Equiv.

Elbows



RoHS10

MCLPTK



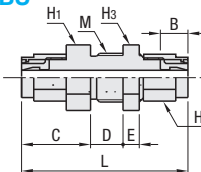
Material: EN 1.4401 Equiv.

Panel Mount



RoHS10

MCBU



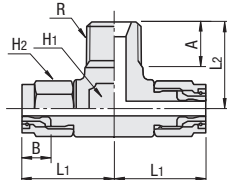
Material: EN 1.4401 Equiv.

Tees



RoHS10

MCTPT



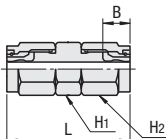
Material: EN 1.4401 Equiv.

Unions



RoHS10

MCUN



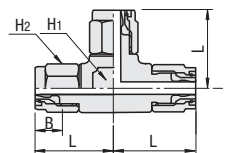
Material: EN 1.4401 Equiv.

Union Tees



RoHS10

MCUT



Material: EN 1.4401 Equiv.

Part Number	Thread	Applicable	Applicable	L	B	Wrench	Unit Price	Volume Discount Rate
Type	No.	Tube O.D. (mm)	Tube I.D. (mm)	H1	H2	Flats	1-4 pcs	5-20
MCPTK	3.2	1	1/8	1.6	24	9	10	10
	4	1	1/8	2	24	9	10	10
	2	1/4		26	11	14		
	1	1/8		26	9	12		
	6	2	1/4	4	28.5	11	14	12
	3	3/8		30	12	17		
	1	1/8		28	9	14		
	2	1/4		30	11	14		
	3	3/8		31	12	17		
	2	1/4		32	11	17		
	3	3/8		33	12	17		
	4	1/2		36	15	22		
10	2	1/4		34	11	17		
	3	3/8		35	12	17		
	3	3/8		35	12	17		
	4	1/2		38	15	22		

Part Number	Thread	Applicable	Applicable	L1	L2	Wrench	Unit Price	Volume Discount Rate
Type	No.	Tube O.D. (mm)	Tube I.D. (mm)	H1	H2	Flats	1-4 pcs	5-20
MCLPTK	3.2	1	1/8	1.6	18	20	9	12
	4	1	1/8	2	18	20	9	12
	2	1/4		21	21	11	14	10
	1	1/8		18	21.5	9	12	
	6	2	1/4	4	21	22.5	11	14
	3	3/8		23	23.5	12	17	12
	1	1/8		19	24	9	14	
	2	1/4		21	24	11	14	
	3	3/8		23	25	12	17	
	2	1/4		22	26.5	11	17	
	3	3/8		23	26.5	12	17	17
	4	1/2		29	28.5	15	22	
10	2	1/4		23	27.5	11	17	
	3	3/8		27	30	12	22	
	3	3/8		30	30	15	22	
	4	1/2		30	30	15	22	

Part Number	Thread	Applicable	Applicable	L	B	Wrench	Unit Price	Volume Discount Rate
Type	No.	Tube O.D. (mm)	Tube I.D. (mm)	H1	H2	Flats	1-4 pcs	5-20
MCBU	4	4	2.5	41	6	14	10	14
	6	6	4	44	7	17	12	17
	8	8	6	47	7.5	19	14	19
	10	10	8	50	8	22	17	22
	12	12	10	54	9.5	24	19	24

Part Number	Thread	Applicable	Applicable	L1	L2	A	B	Wrench	Unit Price	Volume Discount Rate
Type	No.	Size R (PT)	Tube O.D. (mm)	H1	H2		H1	H2	1-9 pcs	10-20
MCTPT	4-1	1/8	4	2.5	20	18	9	6	12	10
	4-2	1/4			21	21	11	6	14	10
	6-1	1/8	6	4	21.5	18	9	7	12	12
	6-2	1/4			22.5	21	11	7	14	12
	8-15	1/8		5	23.5	19	9	7.5	14	14
	8-1	1/8		6	23.5	19	9	7.5	14	14
	8-2	1/4		6	23.5	21	11	7.5	14	14
	8-3	3/8		5	25	23	12	7.5	17	14
	8-36	3/8		6	25	23	12	7.5	17	14
	10-2	1/4		8	28.5	25	11	8	22	17
	10-36	3/8		6.5	28.5	26	12	8	22	17
	10-3	3/8		8	28.5	26	12	8	22	17
12-28	12-2	1/4		8	30	26	11	9.5	22	19
	12-2	1/4		10	30	26	11	9.5	22	19
	12-3	3/8		10	30	27	12	9.5	22	19
	3/8									

Part Number	Thread	Applicable	Applicable	L	B	Wrench	Unit Price	Volume Discount Rate
Type	No.	Tube O.D. (mm)	Tube I.D. (mm)	H1	H2	Flats	1-9 pcs	10-20
MCUN	4	4	2.5	28	6	10	10	10
	6	6	4	32	7	12	12	12
	8	8	6	36	7.5	14	14	14
	10-6	10	6.5	40	8	17	17	17
	10	10	8	40	8	17	17	17
	12-8	12	8	44	9.5	17	19	19
	12-9	12	9	44	9.5	17	19	19
	12	12	10	44	9.5	17	19	19

Part Number	Thread	Applicable	Applicable	L	B	Wrench	Unit Price	Volume Discount Rate
Type	No.	Tube O.D. (mm)	Tube I.D. (mm)	H1	H2	Flats	1-9 pcs	10-20
MCUT	4	4	2.5	20	6	12	10	10
	6	6	4	21.5	7	12	12	12
	8-5	8	5	23.5	7.5	14	14	14
	8	8	6	23.5	7.5	14	14	14
	10	10	8	28.5	8	22	17	17
	12-8	12	8	30	9.5	22	19	19
	12-9	12	9	30	9.5	22	19	19
	12	12	10	30	9.5	22	19	19



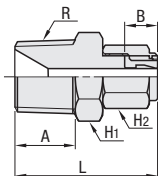
Part Number - T
MCPTK4 - 1

Half Unions



RoHS10

MCTPTY

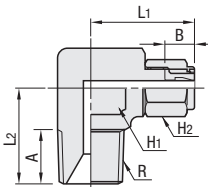


Material: EN 1.4401 Equiv.

Half Elbows



MCUNE

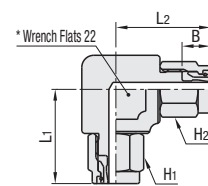


Material: EN 1.4401 Equiv.

Union Elbows



MCUE

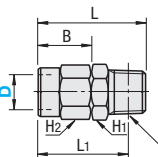


* Wrench flats of No. 6 is 17. Material: EN 1.4401 Equiv.

Nipples



TJBNC

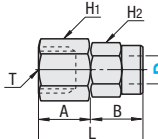


Material: Brass

Sockets



TJBSC

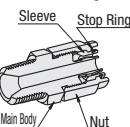


Material: Brass

Specifications

Material	EN 1.4401 Equiv.	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	-100kPa	

Structure Diagram



Features

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

Part Number	Thread	Applicable	Applicable	L	A	B	Wrench	Unit Price	Volume Discount Rate
Type	No.	Size R (PT)	Tube O.D. (mm)	Tube I.D. (mm)	H1	H2	Flats	1-9 pcs	10-30
MCTPTY	4-1	1/8		2.5	24	9	6	10	10
	4-2	1/4	4		26	11	6	14	10
	8-1	1/8			28	9	7.5	14	14
	8-2	1/4	8	5	30	11	7.5	14	14
	8-3	3/8			31	12	7.5	17	14
	10-2	1/4			32	11	8	17	17
	10-3	3/8	10	6.5	33	12	8	17	17
	10-4	1/2			36	15	8	22	17
	12-2	1/4			34	11	9.5	17	19
	12-3	3/8	12	8	35	12	9.5	17	19
	12-4	1/2			38	15	9.5	22	19

The difference between MCPTK and MCTPTY is the tube I.D.
Select parts according to the tube to be used.

Part Number		Thread	Applicable	Applicable	L1	L2	A	B	Wrench	Flats	Unit Price	Volume Discount Rate
Type	No.	Size R (PT)	Tube O.D. (mm)	Tube I.D. (mm)					H1	H2	1-9 pcs	10-30
MCUNE	4-1	1/8	4	2.5	20	18	9	6	12	10		
	4-2	1/4										
	8-1	1/8	8	5	24	19	9	7.5	14	14		
	8-2	1/4			24	21	11	7.5	14	14		
	8-3	3/8			25	23	12	7.5	17	14		
	10-2	1/4			26.5	22	11	8	17	17		
	10-3	3/8	10	6.5	26.5	23	12	8	17	17		
	10-4	1/2			28.5	29	15	8	22	17		
	12-2	1/4			27.5	23	11	9.5	17	19		
	12-3	3/8			30	27	12	9.5	22	19		
	12-4	1/2	12	8	30	30	15	9.5	22	19		

The difference between MCLPTK and MCUNE is the tube I.D.
Select parts according to the tube to be used.

Part Number		Applicable Tube	Applicable Tube	L1	L2	B	Wrench	Flats	Unit Price	Volume Discount Rate
Type	No.	O.D. (mm)	I.D. (mm)				H1	H2	1-4 pcs	5-10
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		Nominal	Tube I.D. (mm)	L	L ₁	B	H ₁	H ₂	T R(PT)	Mass (g)	Unit Price 1-9 pcs	Volume Discount Rate 10-20
Type	D (Hose O.D.)											
TJBNC	6	1	4	26	22	12.5	12	12	R1/8	18		
		2		28.5	22.5		14	12	R1/4	26		
	8	1	5	28	24	14	14	14	R1/8	25		
		2		30	24		14	14	R1/4	30		
		3		31	24.6		17	14	R3/8	41		
	10	2	6.5	32	26	15.5	17	17	R1/4	43		
		3		33	26.6		17	17	R3/8	50		
	12	2	8	34	28	17	17	19	R1/4	44		
		3		35	28.6		17	19	R3/8	57		