

Half Unions

MCTPTY

RoHS10

Material: SUS316

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

Half Elbows

MCUNE

Material: SUS316

Part Number Type	No.	Thread Size R (PT)	Applicable Tube O.D. (mm)	Applicable Tube I.D. (mm)	L ₁	L ₂	A	B	Wrench Flats		Unit Price	Volume Discount Rate
									H ₁	H ₂		
MCUNE	4-1	1/8	4	2.5	20	18	9	6	12	10	1-9 pcs/	10-30
	4-2	1/4			21	21	11	6	14	10		
	8-1	1/8			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	10	6.5	26.5	22	11	8	17	17		
	10-3	3/8			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	12	8	30	27	12	9.5	22	19		
	12-4	1/2			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.

Union Elbows

MCUE

* Wrench flats of No. 6 is 17. Material: SUS316

Part Number Type	No.	Applicable Tube O.D. (mm)	Applicable Tube I.D. (mm)	L ₁	L ₂	B	Wrench Flats		Unit Price	Volume Discount Rate
							H ₁	H ₂		
MCUE	6	6	4	23.5	23.5	7	12	12	1-4 pcs/	5-10
	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		

Nipples

TJBNC

Material: Brass

Part Number Type	D (Hose O.D.)	Nominal	Tube I.D. (mm)	L	L ₁	B	H ₁	H ₂	T R(PT)	Mass (g)	Unit Price	Volume Discount Rate
TJBNC	6	1	4	26	22	12.5	12	12	R1/8	18	1-9 pcs/	10-20
		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		
		2		34	28		17	19	R1/4	49		
	12	3	8	35	28.6	17	17	19	R3/8	57		

Sockets

TJBSC

Material: Brass

Part Number Type	D (Hose O.D.)	Nominal	Tube I.D. (mm)	L	A	B	H ₁	H ₂	T Rc(PT), G(PP)	Mass (g)	Unit Price	Volume Discount Rate
TJBSC	6	1	4	23.5	11	12.5	14	12	Rc1/8	20	1-9 pcs/	10-20
		2		26.5	14		17	12	Rc1/4	31		
	8	2	5	28	14	14	17	14	Rc1/4	33		
		2F		28	14		17	14	G1/4	33		
		3		30	16		22	14	Rc3/8	51		
	10	2F	6.5	29.5	14	15.5	17	17	G1/4	42		
		3		31.5	16		22	17	Rc3/8	59		
		2		31	14		19	19	Rc1/4	55		
	12	2F	8	31	14	17	19	19	G1/4	55		
		3		33	16		22	19	Rc3/8	66		

Specifications

Material	SUS316	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.

Ordering Example

Part Number
MCUE6