

One-Touch Couplings

Long Elbows
MSELG Thread: C3604 (Brass)
 : Electroless Nickel Plating

Male Threaded 45° Elbows
MSEFE Thread: C3604 (Brass)
 : Electroless Nickel Plating

L-Connectors
USLCN

Turn Elbow Unions
USYELN Thread: C3604 (Brass)
 : Electroless Nickel Plating

2-Port Swivel Elbows
USTE Thread: C3604 (Brass)
 : Electroless Nickel Plating

Union Tees
MSTEL Thread: C3604 (Brass)
 : Electroless Nickel Plating

Material: Body: PBT (Polybutylene Terephthalate)

Part Number	Type	D	Nominal	A	B	C	Wrench Flats H	Thread Size R	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate	
											1-9 pcs(s)	10-50	
MSELG	4	1	17.1	30.3	9	10	R1/8	4.4	14.7	14.7			
													1
		2	18.0	34.4	11.2	14	R1/4	15.0	35.8	18.6	31.8		
		2	23.6	37.8	13.6	14	R1/4	31.5	58.2	94.4	59.4		
	2	25	47.8	16.3	17	R1/4	42.6	63.8					
													3
	2	25	50.3	16.3	21	R1/2	42.6	63.8					
													4
	2	32.2	49.2	19.7	17	R3/8	42.6	63.8					
													3

Part Number	Type	D	Nominal	A	B	C	Wrench Flats H	Thread Size M	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate	
											1-9 pcs(s)	10-50	
MSEFE	4	1	17.1	16.3	9	10	R1/8	4.4	6.5	14.5			
													2
		M5	18.0	13.7	11.2	9	M5x0.8	8.5	24	7.5	15		
		1	18.0	19.9	13.6	14	R1/4	15.0	23	18	22		
	2	23.6	20	13.6	14	R1/4	31.5	39.5	27	28			
													3
	2	25	19.6	16.3	17	R1/8	42.6	63.8					
													1
	1	25	22.1	16.3	17	R3/8	31.5	39.5	27	28			
													2
2	25	25.1	19.7	21	R1/2	42.6	63.8						
												3	32.2
3	32.2	23.6	19.7	17	R3/8	42.6	63.8						
												4	32.2

Part Number	Type	D	Nominal	A	B	C	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate							
									1-9 pcs(s)	10-50							
USLCN	4	1	17.1	33.5	9	3.2	1.5	1.5									
											6	18.0	42.1	11.2	6.3	3	
											8	23.6	47.8	13.6	20.3	5	
											10	25	53.7	16.3	27.0	7	
											12	32.2	60.9	19.7	40.6	13.5	

Part Number	Type	D	Nominal	L1	B	F	E	L2	C	Wrench Flats H	Thread Size M	Mass (g)	Unit Price	Volume Discount Rate		
													1-9 pcs(s)	10-50		
USYELN	4	1	21.5	14.5	2.5	14	26.5	9	13	R1/8	15.5	8.2				
															M5	20.5
		1	22.5	15.5	3	19	34	11.2	17	R1/4	30.5	16.5	30.5			
																2
		1	25.6	17.8	2.5	14	26.5	13.6	13	R1/8	17.5	17.5	17.5	17.5		
	2	28.9	4	22.4	39.8	21	R3/8	51	17	R1/4	33	33	33			
																3
	2	30.6	19.4	4	22.4	39.8	16.3	21	R3/8	52.5	52.5	52.5	52.5			
																3
	2	36.5	24.5	4.5	18.4	28.9	21.2	14	R1/4	64	64	64	64			
																3

Part Number	Type	D	L1	L2	L3	B	C	G	F	P	Wrench Flats H	Thread Size M	Mass (g)	Unit Price	Volume Discount Rate													
														1-9 pcs(s)	10-50													
USTE	4	1	18.6	11.8	17.8	14.5	9	2.5	18.3	9.3	8	M5x0.8	7.4															
																6	22	14.5	26.5	15.5	11.2	2.5	22.6	13	13	R1/8	18.5	
																8	28.1	18	34	17.8	13.6	3	27.8	17	17	R1/4	35	
																10	27.5	18	34	19.4	16.3	3	33.3	17	17	R1/4	57.5	
																12	34.9	22	44.8	22.4	19.7	5	39.7	20	24	R1/2	98	

Part Number	Type	D	Nominal	A	B	C	Wrench Flats H	Thread Size M	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate	
											1-9 pcs(s)	10-50	
MSTEL	4	M5	17.1	16.6	9	9	M5x0.8	3.2	6.2	6.2			
													1
		2	22.8	17.7	11.2	9	M5x0.8	8.5	20.2	29.5	18.7		
		1	23.9	13.6	10	R1/4	15	14.9	23.6	26.3	26.3		
	2	25	28.8	16.3	17	R1/4	41.7	41.7	43.7	43.7			
													3
	2	32.2	30	19.7	21	R1/2	42.6	63.4					
													3

Specifications

Applicable Fluid	Air
Operating Temperature Range*	0-60°C
Max. Operating Pressure	0.9MPa
Operating Vacuum Level	-100kPa

* No Freezing

The whole of the threaded part C3604 (brass) is plated with electroless nickel. It is also seal-coated and does not need sealant tape (except for M5).

FY Type Elbow Unions
UNYLF

Material: PBT (Polybutylene Terephthalate)

Bulkhead Unions
MSBUL Threads: C3604 (Brass)
 : Electroless Nickel Plating

MJBULS Thread: SUS304

Material: Ring: PBT (Polybutylene Terephthalate)

Caps
MSCAP

Material: PBT (Polybutylene Terephthalate)

Y Type
MSYL Thread: C3604 (Brass)
 : Electroless Nickel Plating

Material: PBT (Polybutylene Terephthalate)

Stepped Diameter Union-Y
USDY

Material: PBT (Polybutylene Terephthalate)

Stepped Unions Tees
USDTE

Material: PBT (Polybutylene Terephthalate)

Part Number	Type	D	L1	L2	B	C	D1	E	L	G	N	P	Mass (g)	Unit Price	Volume Discount Rate													
														1-9 pcs(s)	10-50													
UNYLF	4	17.5	23.5	16	10	21	3.2	11	18	15.5	11	8																
																6	19.5	27	17.5	12.5	26	4.2	13.5	22.5	17	13.5	12	
																8	22	29	19	14.5	30	4.2	15.5	26.5	18	15.5	16	
																10	25.5	33	21.5	17.5	36	4.2	18.5	31.5	20	18.5	25	
																12	28	35.5	23	20	41	4.2	21	37	21.5	21	34	

Part Number	Type	D	A	Wrench Flats H	Thread Size MxPitch	C(max)	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate								
									1-9 pcs(s)	10-50	1-9 pcs(s)	10-50								
MSBUL	4	30 (33)	14	M12x1	8.6 (7.5)	3.2 (4)	16 (20)	22(33)												
													6	31.9 (36)	17	M14x1	9.4 (9.5)	11.0 (10)	22(33)	
													8	37 (39)	19	M16x1	10.6 (12.5)	25.2 (22)	31.5 (42)	
													10	40.1 (44.5)	24	M20x1	12.9 (18)	38.7 (30)	54.5 (75)	
													12	45.8 (47)	26	M22x1	15.4 (21)	44.6 (35)	70.5 (92)	

Values in () are for MJBULS.

Part Number	Type	D	A	C	Mass (g)	Unit Price	Volume Discount Rate					
						1-9 pcs(s)	10-50					
MSCAP	4	15.6	9	1.5	1.5							
								6	17	11.2	2	
								8	19.8	13.6	3.5	
								10	21	16.3	5	
								12	25.4	19.7	9.5	

Part Number	Type	D	Nominal	A	B	E	Wrench Flats H	P	Thread Size M	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate
												1-9 pcs(s)	10-50
MSYL	4	M5	18.3	37.4	9	9.3	M5x0.8	3.2	8.9	3.2	8.9		
		2	43.6	14	R1								