
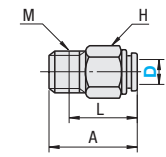


# All Stainless Steel One-Touch Couplings

# Heat-Resistant One-Touch Fittings

Plugging / Unplugging of tubes becomes much easier than ever.


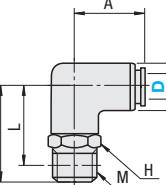
**Male Connectors** **MLCNLSS**

Material: SUS316 (Gasket: Fluoro Rubber)

Part Number Type	D	Nominal	A	Wrench Flats H	L	Thread Size M	Mass (g)	Unit Price 1-9 pc(s).	Volume Discount Rate 10-30
MLCNLSS	4	M5	21.5	10	18.5	M5x0.8	26.8		
		1	21	10	17	R1/8	27.6		
		2	19.5	14	14	R1/4	33.9		
	6	M5	23.5	12	21.5	M5x0.8	26.7		
		1	23	12	19	R1/8	27.5		
		2	23.5	14	17	R1/4	35.0		
	8	1	21	17	15	R3/8	45.0		
		2	27.5	14	23.5	R1/8	38.0		
		3	26.5	14	21	R1/4	41.7		
	10	1	22	17	16	R3/8	53.5		
		2	32.5	17	24	R1/4	60.1		
		3	28.5	17	22.5	R3/8	68.6		
4		26.5	22	19	R1/2	91.4			
12	1	30.5	19	24.5	R3/8	116.2			
	2	29.5	22	22.5	R1/2	131.8			

**Male Elbows** **MLELLSS**


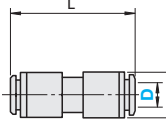



Material: SUS316 (Gasket: Fluoro Rubber)

Part Number Type	D	Nominal	A	B	P	Wrench Flats H	L	Thread Size M	Mass (g)	Unit Price 1-9 pc(s).	Volume Discount Rate 10-30
MLELLSS	4	M5	22.5	18	12	20.5	M5x0.8	6.5			
		1	24.5	12	20.5	R1/8	8.9				
		2	27.5	14	22	R1/4	14.8				
	6	M5	23.5	12	21.5	M5x0.8	9.8				
		1	25.5	12	21.5	R1/8	10.9				
		2	28.5	14	23	R1/4	16.0				
	8	1	29.5	17	23.5	R3/8	23.9				
		2	26.5	14	22.5	R1/8	17.6				
		3	29.5	14	24	R1/4	18.4				
	10	1	31.5	17	25.5	R3/8	23.1				
		2	31.5	17	26	R1/4	23.6				
		3	33	17	27	R3/8	28.4				
4		36	22	28.5	R1/2	44.8					
12	1	34.5	22	28.5	R3/8	30.3					
	2	37.5	22	30	R1/2	46.4					

Ordering Example: Part Number - Nominal  
MLELLSS4 - 2


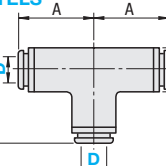
**Union Straight** **UNSTLS**

Material: SUS316 (Gasket: Fluoro-rubber)

Part Number Type	D	L	P	Mass (g)	Unit Price 1-9 pc(s).	Volume Discount Rate 10-30
UNSTLS	4	34	10	11.5		
	6	37	12	15.8		
	8	40	14	21.3		
	10	45	17	34.3		
	12	48	20	47.0		


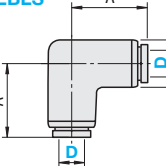
**Union Tees** **UNTELS**

Material: SUS316 (Gasket: Fluoro Rubber)

Part Number Type	D	A	P	Mass (g)	Unit Price 1-9 pc(s).	Volume Discount Rate 10-30
UNTELS	4	19	12	29.8		
	6	21.5	12	29.7		
	8	24	14	42.3		
	10	27.5	17	66.4		
	12	30	22	124.6		


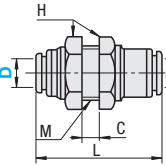
**Union Elbows** **UNEELS**

Material: SUS316 (Gasket: Fluoro Rubber)

Part Number Type	D	A	P	Mass (g)	Unit Price 1-9 pc(s).	Volume Discount Rate 10-30
UNEELS	4	19	12	23.2		
	6	21.5	12	23.1		
	8	24	14	32.5		
	10	27.5	17	57.1		
	12	30	22	107.0		

**Bulkhead Unions** **MLBULSS**

Material: SUS316 (Gasket: Fluoro Rubber)

Part Number Type	D	L	Wrench Flats H	Thread Size M	C (max)	Mass (g)	Unit Price 1-9 pc(s).	Volume Discount Rate 10-30
MLBULSS	4	33.5	14	M12x1.0	4	18.8		
	6	36.5	17	M14x1.0	6	29.3		
	8	40.5	19	M16x1.0	9	38.0		
	10	45.5	23	M20x1.0	11.5	63.5		
	12	48.5	26	M22x1.0	11.5	79.3		


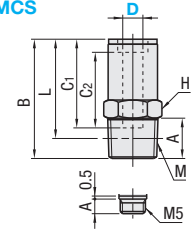
Ordering Example: Part Number - Nominal  
UNSTLS8

**Specifications**

Applicable Fluid	Air, Water
Max. Operating Pressure	1.0MPa
Operating Vacuum Level	-100kPa
Operating Temperature	-15~120°C (No Freezing)

\*When using with water, keep the surge pressure to below max. pressure rating. For water, inserts for Soft Tubes (P1390 PUIT / PUSIT) must be used.


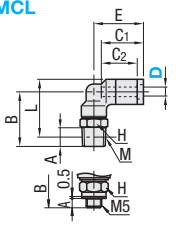
**Heat-Resistant One-Touch Fittings Straight** **KPMCS**

Operating Temperature: 0 ~ 100°C  
Material: Gasket: Hydrogenated Nitrile Rubber

Part Number Type	D	Nominal	Thread Size M	B	C1	C2	A	L	Width Across H	Effective Sectional Area (mm²)	Mass (g)	Unit Price 1-9 pc(s).	Volume Discount Rate 10-30
KPMCS	4	M5	M5x0.8	22.7	17.6	15	3	19.7	10	2	12		
		1	R1/8	23.7	8	19.7	4.5	13					
		2	R1/4	26.7	11	20.7	14	22					
	6	M5	M5x0.8	25.5	19.5	16	3	22.5	12	2	17		
		1	R1/8	25.1	8	21.1	4	14					
		2	R1/4	29.1	11	23.0	14	23					
	8	1	R1/8	29.9	8	25.9	5	17	20	25	27		
		2	R1/4	28.6	11	22.6	6	23	20	25	32		
		3	R3/8	28.9	12	22.6	17	23	40	39			
	10	1	R1/8	33.3	8	29.3	5	17	35	46	67		
		2	R1/4	31.8	11	27.3	6	23	47	61			
		3	R3/8	35.8	12	25.5	17	22	50	74			
4		R1/2	38.9	15	32.9	21	22						
12	1	R1/8	34.9	26.3	23	11	28.6	21	62				
	2	R1/2	36.9	41.5	44.1	15	28.7	22					


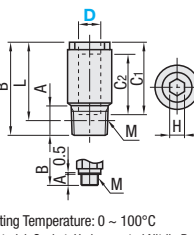
**Heat-Resistant One-Touch Fittings Elbows** **KPMCL**

Operating Temperature: 0 ~ 100°C  
Material: Gasket: Hydrogenated Nitrile Rubber

Part Number Type	D	Nominal	Thread Size M	A	B	L	C1	C2	E	Width Across H	Effective Sectional Area (mm²)	Mass (g)	Unit Price 1-9 pc(s).	Volume Discount Rate 10-30
KPMCL	4	M5	M5x0.8	3	19.8	22	17.6	15	20.7	10	1.5	18		
		1	R1/8	8	22.8	24.1	8	19.7	2.5	12				
		2	R1/4	11	25.8	25	11	18.7	2.5	19				
	6	M5	M5x0.8	3	22	25.3	19.4	16	23	14	1.9	26		
		1	R1/8	8	25	27.3	8	25.9	5	17	20	36		
		2	R1/4	11	28	28.2	11	19.4	4	18				
	8	1	R1/8	8	28	31.3	11	22.6	6	23	20	26		
		2	R1/4	11	31	32.2	20.2	17	24.8	14	16	41		
		3	R3/8	12	32.8	33.7	23.2	19.5	29.3	17	22.5	67		
	10	1	R1/8	8	32.5	37.8	11	35.5	38.8	30	74			
		2	R1/4	11	35.5	38.8	23.2	19.5	29.3	17	30	107		
		3	R3/8	12	38.5	39.5	22	22			38	107		
4		R1/2	15	39.5	40.6	26.3	23	33.4	21	39	113			
12	1	R1/8	8	37.5	42.3	21	38.5	43	22	39	129			
	2	R1/2	15	41.5	44.1	26.3	23	33.4	22					


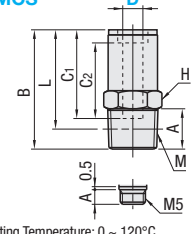
**Heat-Resistant One-Touch Fittings Hex Socket Straight** **KPMCC**

Operating Temperature: 0 ~ 100°C  
Material: Gasket: Hydrogenated Nitrile Rubber

Part Number Type	D	Nominal	Thread Size M	B	C1	C2	A	L	Width Across H	Effective Sectional Area (mm²)	Mass (g)	Unit Price 1-9 pc(s).	Volume Discount Rate 10-30
KPMCC	4	M5	M5x0.8	22.6	17.6	15	3	19.6	2	11			
		1	R1/8	23.7	8	19.7	2.5	12					
		2	R1/4	24.7	11	18.7	2.5	19					
	6	M5	M5x0.8	25.5	19.5	16	3	22.5	2	15			
		1	R1/8	25.1	8	21.1	4	13					
		2	R1/4	29.1	11	23.0	4	18					
	8	1	R1/8	29.9	8	25.9	5	17	20	26			
		2	R1/4	28.6	11	22.6	6	23	20	26			
		3	R3/8	28.9	12	22.6	17	23	40	39			
	10	1	R1/8	33.3	8	29.3	5	17	35	46	67		
		2	R1/4	32.3	11	26.3	6	23	40	49			
		3	R3/8	31.8	12	25.4	17	22	56				
4		R1/2	32.8	15	24.6	21	22						
12	1	R1/8	34.9	26.3	23	11	28.6	8	40	49			
	2	R1/2	36.9	41.5	44.1	15	28.7	22					

**High Heat-Resistant One-Touch Fittings Straight** **KKMCS**

Operating Temperature: 0 ~ 120°C  
Material: Gasket: Fluoro Rubber

Part Number Type	D	Nominal	Thread Size M	B	C1	C2	A	L	Width Across H	Effective Sectional Area (mm²)	Mass (g)	Unit Price 1-9 pc(s).	Volume Discount Rate 10-30
KKMCS	4	M5	M5x0.8	22.7	17.6	15	2.9	19.7	10	2	12		
		1	R1/8	23.7	8	19.7	4.5	13					
		2	R1/4	24.7	11	18.7	2.5	19					
	6	M5	M5x0.8	25.5	19.5	16	2.9	22.5	12	2	17		
		1	R1/8	25.1	8	21.1	4	14					
		2	R1/4	29.1	11	23.0	14	23					
	8	1	R1/8	29.9	8	25.9	5	17	20	25	27		
		2	R1/4	28.6	11	22.6	6	23	20	25	32		
		3	R3/8	28.9	12	22.6	17	23	40	39			
	10	1	R1/8	33.3	8	29.3	5	17	35	46	67		