



One-Touch Couplings



* All prices are in \$S and subjected to change without prior notice

With the switch to RoHS-compliant products, the Low Cost Type and the Standard Type of the One-Touch Coupling of the conventional specification have been transferred to our website. (URL: http://www.misumi.jp/hg-item.jsp)

Male Connectors

MJCNL Thread: C3604 (Brass)
MJCNLS Thread: SUS304

Male Connectors
Hexagon Socket Head Type

MJCNLC Thread: C3604 (Brass)

Female Connectors

MJCNF

Union Straight

UJSTL

Stepped Diameter Union Straight

UJDST

Reducers

UJRDS

Part Number	D	Nominal	Body Color	A	W / Flats H	Thread Size M	Effective Sectional Area (mm²) (Urethane Tube)	Mass (g)	Unit Price Qty. 1-9 Qty. 10-49
MJCNL	3.2	M5	B(Black)	18	8	M5x0.8	2.7	3.3	4.97 3.85
		1	16.5	10	R1/8	6	4.65 3.69	—	—
		M5	21.5	10	M5x0.8	6	3.37 3.21	17.33	16.36
	4	M5	20.5	10	R1/8	8	2.89 2.73	16.85	15.88
		1	19.5	14	R1/4	15	3.21 3.21	21.02	19.89
		M5	23	12	M5x0.8	4.4	9.369 3.53	19.57	18.45
	6	1	23.5	14	R1/4	18	3.21 2.89	20.70	19.57
		1	21.5	17	R3/8	26	4.17 4.01	25.35	24.07
		B(Black)	28	14	R1/8	17.5	18.337 3.21	20.86	19.73
	8	2	27	R1/4	22.4	17	3.53 3.37	20.54	19.41
		3	22.5	14	R1/4	24	4.17 4.01	22.78	21.50
		1	W(White)	31	17	R1/8	17.5	26.417 4.01	30.48
10	2	32.5	R1/4	22	22	4.17 4.01	30.80	29.20	
	3	28.5	R3/8	26	26	4.17 4.01	30.80	29.20	
	4	26.5	R1/2	48	48	5.45 5.29	33.69	31.93	
12	2	35.5	R1/4	40	37	5.29 4.97	38.18	36.26	
	3	30.5	R3/8	40	32	5.29 4.97	38.18	36.26	
	4	29.5	R1/2	51	51	6.26 5.78	39.15	37.06	
16	3	42	R3/8	90	60	15.88 12.35	—	—	
	4	37.5	R1/2	66	66	16.20 12.67	—	—	

Bushing ring of MJCNLS is blue. * MLCNLC has been changed. Orders acceptable until April, 2009.

Part Number	D	Nominal	Body Color	A	C	Width across flats H	Thread Size M	Effective Sectional Area (mm²) (Urethane Tube)	Mass (g)	Unit Price Qty. 1-9 Qty. 10-49
MJCNLC	4	M5	B(Black)	21.5	9.8	2	M5x0.8	2.7	6	4.97 3.53
		1	20.5	9.8	2.5	R1/8	4	8	4.97 3.53	
		M5	23	11.8	2	M5x0.8	4.4	7	5.13 3.53	
	6	1	23	11.8	4	R1/8	9	9	3.53 3.53	
		2	23	13.8	4	R1/4	10.6	15	5.45 8.85	
		1	28	14	5	R1/8	20.4	15	5.62 4.01	
	8	2	27	14	6	R1/4	22	15	5.94 4.17	
		3	22.5	17	6	R3/8	22	21	6.74 4.65	
		1	W(White)	30.5	17.5	6	R1/8	20.1	26	7.38 5.13
	10	2	28.5	17.5	6	R1/4	26.3	21	7.22 5.13	
		3	28.5	17.5	8	R3/8	30.1	27	7.38 5.13	
		4	26.5	22	8	R1/2	30.1	46	9.15 6.42	
12	2	34	19.5	6	R1/4	26.3	33	8.82 6.26		
	3	29.5	19.5	8	R3/8	37.9	28	8.98 6.26		
	4	28.5	22	8	R1/2	37.9	47	9.95 6.90		

MLCNC has been changed. Orders acceptable until April, 2009.

Part Number	D	Nominal	Body Color	A	B	Width across flats H	Thread Size M	Effective Sectional Area (mm²) (Urethane Tube)	Mass (g)	Unit Price Qty. 1-9 Qty. 10-49
UJSTL	4	1	B(Black)	25.5	11	12	Rc1/8	4	9	6.58 4.17
		2	28.5	14	17	Rc1/4	10.3	23	7.06 4.65	
		1	27	11	14	Rc1/8	16	6.58 4.17		
	6	3	30	14	17	Rc1/4	10.3	24	7.06 4.65	
		1	31	15	19	Rc3/8	25	7.70 5.13		
		2	28.5	11	17	Rc1/8	26	6.74 4.33		
	8	1	31.5	14	17	Rc1/4	22.4	27	7.06 4.65	
		2	32.5	15	19	Rc3/8	29	7.70 5.13		
		3	34.5	14	19	Rc1/4	42	7.70 5.13		
	10	3	35.5	15	19	Rc3/8	30.5	35	8.18 5.62	
		4	38.5	18	24	Rc1/2	51	9.47 6.90		
		2	36	14	22	Rc1/4	57	8.34 5.78		
12	3	37	15	22	Rc3/8	35.5	53	8.50 5.94		
	4	40	19	24	Rc1/2	56	9.63 7.06			

UJSTL has been changed. Orders acceptable until April, 2009.

Part Number	D	Nominal	Body Color	A	C	Effective Sectional Area (mm²) (Urethane Tube)	Mass (g)	Unit Price Qty. 1-9 Qty. 10-49
UJDST	4	1	B(Black)	33.5	10	4	4	3.37 3.21
		2	36.5	12.5	10	6	3.37 3.21	
		3	39.5	14.5	8	10	8.38 3.69	
	10	1	W(White)	45	17.5	30	13	4.81 4.65
		2	47.5	20	35	17	5.45 5.13	
		3	58	26.5	90	38	12.35 9.63	

UJSTL has been changed. Orders acceptable until April, 2009.

Part Number	D	Nominal	Body Color	A	C	Effective Sectional Area (mm²) (Urethane Tube)	Mass (g)	Unit Price Qty. 1-9 Qty. 10-49	
UJRDS	4	1	B(Black)	36.5	12.5	6	6	7.22 4.65	
		2	39.5	14.5	8	10	8.38 4.81		
		3	45	17.5	10	22	12.86 5.62		
	10	1	W(White)	47.5	20	12	30	17	9.15 5.94

UJSTL has been changed. Orders acceptable until April, 2009.

Part Number	D	Nominal	Body Color	A	C	Effective Sectional Area (mm²) (Urethane Tube)	Mass (g)	Unit Price Qty. 1-9 Qty. 10-49
UJRDS	4	1	B(Black)	38.5	10	21	3.2	6 8.26 4.01
		2	40.4	10	21	3.2	4 6.58 4.33	
		3	41	12.5	22	9.6	4 6.58 4.33	
	6	1	W(White)	42	12.5	20.5	9.6	5 6.90 4.49
		2	44.5	14.5	23	22	6 7.22 4.65	
		3	44	14.5	21	22	7 7.38 4.81	
	8	1	W(White)	48	17.5	25	30	9 8.50 5.45

UJSTL has been changed. Orders acceptable until April, 2009.

Male Elbows

MJELL Thread: C3604 (Brass)
MJELLS Thread: SUS304

Long Elbows

MJELG Thread: C3604 (Brass)

Union Elbows

UJEBL

45° Elbows

MJEFE

L-Connectors

UJLCN

Bulkhead Unions

MJBUL Thread: C3604 (Brass)
MJBULS Thread: SUS304

Specification

Permissible Fluid	Compressed Air	Water
Operating Temp. Range	-15~60°C	5~40°C
Max. Operating Pressure	1MPa	—
Operating Vacuum Level	-100kPa	—

Fit Soft Tube Insert (P.1666) into the tube for water service.

Part Number	D	Nominal	Body Color	A	B	C	W / Flats H	Thread Size M	Effective Sectional Area (mm²) (Urethane Tube)	Mass (g)	Unit Price Qty. 1-9 Qty. 10-49
MJELL	3.2	M5	B(Black)	15.5	13	8.5	8	M5x0.8	2.3	3.5	5.94 4.65
		1	15.5	17.5	10	R1/8	6.4	5.62 4.49	—	—	
		M5	18	15	10	M5x0.8	3.2	5 3.69 3.53	17.33	16.36	
	4	M5	18.5	20.5	10	R1/8	8	3.21 3.05	17.33	16.36	
		1	18.5	24	10	R1/4	15	3.53 3.53	20.22	19.09	
		M5	20	15	12.5	10	M5x0.8	4.2	7 3.69 3.53	18.93	17.97
	6	1	21	24	12.5	12	R1/8	13	3.21 3.05	19.41	18.29
		2	21	27.5	12.5	14	R1/4	18	3.53 3.37	20.70	19.57
		3	21	29	12.5	17	R3/8	8	26 4.17 4.01	26.15	24.71
	8	1	23.5	25.5	14.5	14	R1/8	17	3.69 3.53	20.86	19.73
		2	23.5	28.5	14.5	14	R1/4	20	3.85 3.69	21.82	20.70
		3	23.5	30	14.5	17	R3/8	28	4.17 4.01	25.19	23.81
10	1	W(White)	27	28	17.5	17	R1/8	18.3	26 4.97 4.81	28.68	28.08
	2	27	31	17.5	17	R1/4	28	4.97 4.81	30.80	29.20	
	3	27	32.5	17.5	17	R3/8	27	33 5.13 4.97	30.96	29.36	
12	3	27	35.5	17.5	22	R1/2	49	6.26 6.10	43.00	40.75	
	2	29.5	33	20	19	R1/4	33	37 6.26 5.94	41.71	39.63	
	4	29.5	34.5	20	19	R3/8	35	36 7.06 6.58	43.96	41.71	
16	3	35.5	41	26.5	22	R3/8	80	63 14.44 11.71	—	—	
	4	35.5	44	26.5	22	R1/2	76	14.76 11.87	—	—	

Bushing ring of MJELLS is blue. * The specifications of MJELL, MJELLS have been changed. Orders acceptable until April, 2009.

Part Number	D	Nominal	Body Color	A	B	C	W / Flats H	Thread Size M	Effective Sectional Area (mm²) (Urethane Tube)	Mass (g)	Unit Price Qty. 1-9 Qty. 10-49
MJELG	4	1	B(Black)	18.5	35.5	10	10	R1/8	3.5	15	7.54 5.29
		2	18.5	39	10	14	R1/4	24	8.66 6.40		
		M5	21	12.5	12	R1/8	8	26 7.86 5.45			
	6	1	21	43.5	11.8	14	R1/4	34	8.50 5.94		
		2	23.5	44.5	14.5	14	R1/8	39	8.82 6.26		
		3	23.5	47.5	14.5	14	R1/4	18	39 9.31 6.58		
	8	2	23.5	49	14.5	17	R3/8	56	10.59 7.38		
		3	27	56	17.5	17	R1/4	69	11.39 8.02		
		4	27	57.5	17.5	17	R3/8	70	11.87 8.34		
	10	3	27	60.5	17.5	22	R1/2	109	13.48 9.47		
		2	29.5	60	20	19	R1/4	34	94 13.00 9.15		
		4	29.5	61.5	20	19	R3/8	95	13.16 9.15		
12	3	29.5	64.5	20	22	R1/2	33	122 15.08 10.59			

The specification of MJELG has been changed. Orders acceptable until April, 2009.

Part Number	D	Nominal	Body Color	A	C	E	Effective Sectional Area (mm²) (Urethane Tube)	Mass (g)	Unit Price Qty. 1-9 Qty. 10-49
UJEBL	4	1	B(Black)	18.5	10	4.2	3	5	3.53 3.37
		2	21	12.5	4.2	7.5	7	3.53 3.37	