

Miniature One-Touch Coupling Connectors

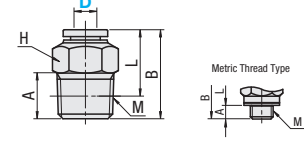
Note that, for some of the types shown here, order might be unable to be received by the MISUMI Malaysia, Indonesia and/or India offices.

Miniature Couplings



Connectors

MNCN



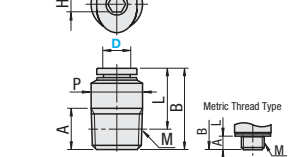
Metric Thread Type

M Material: PBT (Polybutylene Terephthalate)
Thread: Brass (Electroless Nickel Plating)



Connectors with Hex Socket

MNCNP



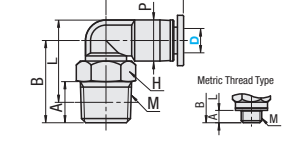
Metric Thread Type

M Material: PBT (Polybutylene Terephthalate)
Thread: Brass (Electroless Nickel Plating)



Elbows

MNCNL



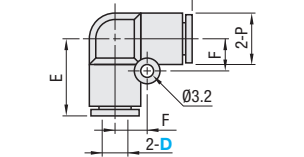
Metric Thread Type

M Material: PBT (Polybutylene Terephthalate)
Thread: Brass (Electroless Nickel Plating)



Union Elbows

MNCLYL

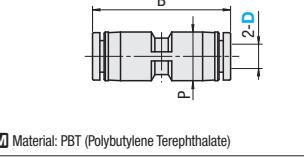


M Material: PBT (Polybutylene Terephthalate)



Unions

MNUN

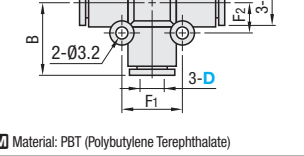


M Material: PBT (Polybutylene Terephthalate)



Union Tees

MNCLYT

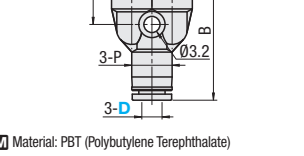


M Material: PBT (Polybutylene Terephthalate)



Union Y

MNUNY



M Material: PBT (Polybutylene Terephthalate)

Part Number	Nominal Dia.	A	B	L	Width Across H	Thread Size M	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate
Type	D								1 ~ 9 pcs	10 ~ 50
MNCN	4	M3	2.5	15.1	12.6	8	M3x0.5	0.9	2.4	
		M5	3	15.6	11.6	10	M5x0.8	3.8	3.2	
	6	M3	3	17	14	10	R1 / 8	6.4	6.6	
		M5	3	17.6	13.6	10	M5x0.8	3.6	4.5	

Part Number	Nominal Dia.	A	B	L	Width Across H	P	Thread Size M	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate
Type	D									1 ~ 9 pcs	10 ~ 50
MNCNP	4	M3	2.5	15.1	12.6	1.5	8	M3x0.5	1.8	2.2	
		M5	3	15.6	12.6	2.5	8	M5x0.8	5.1	3	
	6	M3	3	15.8	11.8	3	10	R1 / 8	7.4	6.2	
		M5	3	17.5	14.5	2.5	10	M5x0.8	5.2	4.4	

Part Number	Nominal Dia.	A	B	L	P	E	Width Across H	Thread Size M	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate
Type	D										1 ~ 9 pcs	10 ~ 50
MNCNL	4	M3	2.5	14	15.5		8	M3x0.5	1.3	3		
		M5	3	14	14.5		8	M5x0.8	2.2	3.4		
	6	M3	3	16	16		10	R1 / 8	4.8	6.2		
		M5	3	14.5	16.8		8	M5x0.8	3.5	4.1		

Part Number	Type	D	P	E	F	Mass (g)	Unit Price	Volume Discount Rate
							1 ~ 9 pcs	10 ~ 50
MNCLYL	4	8	13.1	5.6	2.3			
	6	10.5	15	6.6	3.6			

Part Number	Type	D	B	P	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate
							1 ~ 9 pcs	10 ~ 50
MNUN	4	22.7	8	5.4	2			
	6	24.4	10.4	11	3.1			

Part Number	Type	D	B	P	E	F ₁	F ₂	Mass (g)	Unit Price	Volume Discount Rate
									1 ~ 9 pcs	10 ~ 50
MNCLYT	4	13.1	8	13.1	11.2	5.6	3.3			
	6	15	10.5	14.95	13.2	6.6	5.3			

Part Number	Type	D	B	P	J	F	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate
									1 ~ 9 pcs	10 ~ 50
MNUNY	4	27.6	8	8	12.6	2.3	3.4			
	6	31	10.5	10.5	14	6.8	5.5			

Ordering Example
Part Number - Nominal Dia.
MNCN4 - M5

Specifications

Applicable Fluid	Air
Operating Temperature Range*	0 ~ 60°C
Max. Operating Pressure	1MPa
Operating Vacuum Level	~100kPa

* No Freezing

Release Ring Shape of Miniature One-Touch Couplings

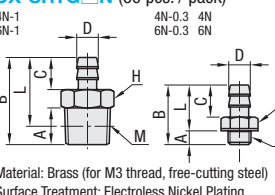
	X	Y
4	9.8	7.8
6	11.8	9.8



Barbed Couplers

SRTG BOX-SRTG (50 pcs. / pack)

4N-1 6N-1



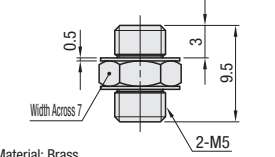
M Material: Brass (for M3 thread, free-cutting steel)
S Surface Treatment: Electroless Nickel Plating
A Accessory: Gasket: SUS304, NBR (M3, M5)

Part Number	No.	Tube I.D. (mm)	Tube O.D. (mm)	M	A	B	L	C	Width Across H	Mass (g)	Effective Sectional Area (mm ²)	Unit Price	Volume Discount Rate
												1 ~ 49 pcs	(50 pcs) / pack
SRTG BOX-SRTG	4N-0.3	2.5	4	M3x0.5	2.5	12	9.5	5.5	0.8	0.9			
	6N-0.3	4	6	M5x0.8	2.5	13	10	5.5	1.3	0.9			
	4N	2.5	4	M3x0.5	3	13	10	7	1.5	1.7			
	6N	4	6	M5x0.8	3	13	10	7	1.5	3.8			



Nipples

MNPLN

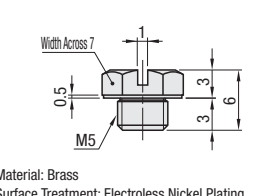


M Material: Brass
S Surface Treatment: Electroless Nickel Plating
A Accessory: Gasket: SUS304, NBR



Plugs

MPLGN

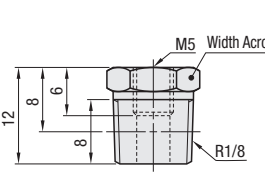


M Material: Brass
S Surface Treatment: Electroless Nickel Plating
A Accessory: Gasket: SUS304, NBR



Bushings

MBSGN



M Material: Brass
S Surface Treatment: Electroless Nickel Plating

Seal adhesive is applied to R1/8 thread portion.

Part Number	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate
			1 ~ 49 pcs	50 ~ 100
MNPLN	3.9	1.5		
MPLGN	-	1.5		
MBSGN	12	5.7		
MELBN	-	5.5		
MTEN	-	5.5		
MUTEN	1.5	6.5		

Specifications (SRTG)

Applicable Fluid	Air
Max. Operating Pressure	0.5MPa
Operating Vacuum Level	~100kPa
Operating Temperature Range	0 ~ 50°C

(SRTN, MNPLN, MELBN, MPLGN, MTEN, MBSGN, MUTEN)

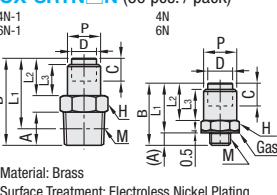
Applicable Fluid	Air
Max. Operating Pressure	1MPa
Operating Vacuum Level	~100kPa
Operating Temperature Range	0 ~ 50°C



Hose Nipples

SRTN BOX-SRTN (50 pcs. / pack)

4N-1 6N-1



M Material: Brass
S Surface Treatment: Electroless Nickel Plating
A Accessory: Gasket: SUS304, NBR (M5 only)

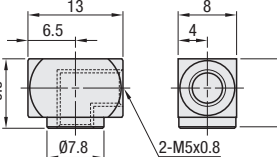
Part Number	No.	Tube I.D. (mm)	Tube O.D. (mm)	M	A	B	C	L ₁	L ₂	L ₃	P	Width Across H	Mass (g)	Effective Sectional Area (mm ²)	Unit Price	Volume Discount Rate
															1 ~ 49 pcs	(50 pcs) / pack
SRTN BOX-SRTN	4N	2.5	4	M5x0.8	3	14.5	5	11.5	8.5	7	6.5	7	2.5	2		
	6N	4	6	M5x0.8	3	15	5.5	12	9	7.5	8	8	3.4	3.8		
	4N-1	2.5	4	R1 / 8	8	20.5	5	16.5	8.5	7	6.5	10	7.9	2		
	6N-1	4	6	R1 / 8	8	21	5.5	17	9	7.5	8	10	8.9	3.8		

When SRT□□N-1 is selected, seal adhesive is applied to thread portion.
For combination with a tube, select the same number as that of the tube O.D.



Elbows

MELBN

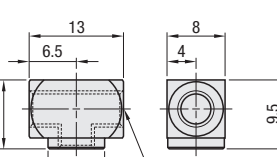


M Material: Brass
S Surface Treatment: Electroless Nickel Plating



Tees

MTEN

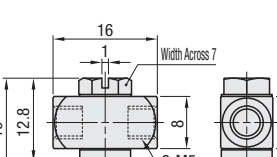


M Material: Brass
S Surface Treatment: Electroless Nickel Plating



Universal Tees

MUTEN



M Material: Brass
S Surface Treatment: Electroless Nickel Plating
A Accessory: Gasket: Polycetal

Ordering Example
Part Number
SRTG4N
BOX-SRTG4N