

Miniature One-Touch Coupling Connectors

Miniature Couplings

Connectors

MNCN

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

Part Number Type	Nominal Dia. D	A	B	L	Width Across H	Thread Size M	Effective Sectional Area (mm ²)	Mass (g)	Unit Price (1-9 pcs)	Volume Discount Rate (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	
		1	8	17.6	13.6	10	R1/8	6.4	6.6	
	6	M5	3	17	14	10	M5x0.8	3.6	4.5	
		1	8	17.6	13.6	10	R1/8	6.3	6	

Connectors with Hex Socket

MNCNP

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

Part Number Type	Nominal Dia. D	A	B	L	Width Across H	P	Thread Size M	Effective Sectional Area (mm ²)	Mass (g)	Unit Price (1-9 pcs)	Volume Discount Rate (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	
		1	8	15.8	11.8	3	10	R1/8	7.4	6.2	
	6	M5	3	17.5	14.5	2.5	10	M5x0.8	5.2	4.4	
		1	8	17.9	13.9	4	10	R1/8	13	5.6	

Elbows

MNCNL

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

Part Number Type	Nominal Dia. D	A	B	L	P	E	Width Across H	Thread Size M	Effective Sectional Area (mm ²)	Mass (g)	Unit Price (1-9 pcs)	Volume Discount Rate (10-50)
MNCNL	4	M3	2.5	14	15.5	8	15.1	8	M3x0.5	1.3	3	
		M5	3	14	14.5	8	15.1	10	M5x0.8	2.2	3.4	
		1	8	16	16	10	16	R1/8	4.8	6.2		
	6	M5	3	14.5	16.8	8	16	10	M5x0.8	3.5	4.1	
		1	8	17	18.3	10.5	16	10	R1/8	8.5	6	

Union Elbows

MNCLYL

M Material: PBT (Polybutylene Terephthalate)

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

Unions

MNUN

M Material: PBT (Polybutylene Terephthalate)

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

Union Tees

MNCLYT

M Material: PBT (Polybutylene Terephthalate)

Part Number Type	D	B	P	E	F1	F2	Mass (g)	Unit Price (1-9 pcs)	Volume Discount Rate (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		

Union Y

MNUNY

M Material: PBT (Polybutylene Terephthalate)

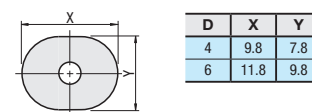
Part Number Type	D	B	P	J	F	Effective Sectional Area (mm ²)	Mass (g)	Unit Price (1-9 pcs)	Volume Discount Rate (10-50)
MNUNY	4	27.6	8	8	12.6	2.3	3.4		
	6	31	10.5	10.5	14	6.8	5.5		

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

Release Ring Shape of Miniature One-Touch Couplings



* No Freezing

Barbed Couplers

SRTG BOX-SRTG (50 pcs. / pack)

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

Part Number Type	No.	Tube I.D. (mm)	Tube O.D. (mm)	M	A	B	L	C	Width Across H (mm)	Mass (g)	Effective Sectional Area (mm ²)	Unit Price (1-49 pcs)	Volume Discount Rate (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	M3x0.5	2.5	12	10	5.5	1.3	0.9			
	4N	2.5	4	M5x0.8	3	13	10	7	1.5	1.7			
	6N	4	6	M5x0.8	3	13	10	7	1.5	3.8			
	4N-1	2.5	4	R1/8	8	19	15	10	1.9	1.7			
	6N-1	4	6	R1/8	8	19	15	10	7.5	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
A Accessory: Gasket: SUS304, NBR

Part Number	Effective Sectional Area (mm ²)	Mass (g)	Unit Price (1-49 pcs)	Volume Discount Rate (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)

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

Part Number Type	No.	Tube I.D. (mm)	Tube O.D. (mm)	M	A	B	C	L1	L2	L3	P	Width Across H (mm)	Mass (g)	Effective Sectional Area (mm ²)	Unit Price (1-49 pcs)	Volume Discount Rate (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	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: Polyacetal

Ordering Example: Part Number
SRTG4N BOX-SRTG4N

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