

Miniature One-Touch Coupling Connectors

Miniature Couplings

MNCN

Metric Thread Type

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

MNCNP

Metric Thread Type

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

MNCNL

Metric Thread Type

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

MNCLYL

Metric Thread Type

M Material: PBT (Polybutylene Terephthalate)

MNUN

Metric Thread Type

M Material: PBT (Polybutylene Terephthalate)

MNCLYT

Metric Thread Type

M Material: PBT (Polybutylene Terephthalate)

MNUNY

Metric Thread Type

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	M3x0.5	6.4	6.6	
		M5	8	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	8	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	8	16	16		10	R1 / 8	4.8	6.2		
		M5	3	14.5	16.8		8	M5x0.8	3.5	4.1		

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

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

Part Number	Nominal Dia.	B	P	E	F ₁	F ₂	Mass (g)	Unit Price	Volume Discount Rate
Type	D							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	Nominal Dia.	B	P	J	F	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate
Type	D							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

Release Ring Shape of Miniature One-Touch Couplings

	X	Y
4	9.8	7.8
6	11.8	9.8

* No Freezing

SRTG
BOX-SRTG (50 pcs. / pack)
4N-1 6N-1
4N 6N

Metric Thread Type

M Material: Brass (for M3 thread, free-cutting steel)
S Surface Treatment: Electroless Nickel Plating
A Accessory: Gasket: EN 1.4301 Equiv., NBR (M3, M5)

Part Number	No.	Tube I.D. (mm)	Tube O.D. (mm)	M	A	B	L	C	Width Across H	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate
Type												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	M3x0.5	2.5	13	10		5.5	1.3	0.9		
	4N	2.5	4	M3x0.5	3	13	10	7	7	1.5	1.7		
	6N	4	6	M3x0.5	3	13	10	7	7	1.5	3.8		

MNPLN

Metric Thread Type

M Material: Brass
S Surface Treatment: Electroless Nickel Plating
A Accessory: Gasket: EN 1.4301 Equiv., NBR

MPLGN

Metric Thread Type

M Material: Brass
S Surface Treatment: Electroless Nickel Plating
A Accessory: Gasket: EN 1.4301 Equiv., NBR

MBSGN

Metric Thread Type

M Material: Brass
S Surface Treatment: Electroless Nickel Plating

Part Number	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate
			1 ~ 49 pc(s)	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

SRTN
BOX-SRTN (50 pcs. / pack)
4N-1 6N-1
4N 6N

Metric Thread Type

M Material: Brass
S Surface Treatment: Electroless Nickel Plating
A Accessory: Gasket: EN 1.4301 Equiv., 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	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate
Type															1 ~ 49 pc(s)	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.

MELBN

Metric Thread Type

M Material: Brass
S Surface Treatment: Electroless Nickel Plating

MTEN

Metric Thread Type

M Material: Brass
S Surface Treatment: Electroless Nickel Plating

MUTEN

Metric Thread Type

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

Ordering Example
Part Number
SRTG4N
BOX-SRTG4N