

Air Couplers - Plugs / Sockets

Miniature

For combination of plugs and sockets, refer to P.1414.

Plugs - Threaded

Type: **NMCPM** (Material: Brass, Surface Treatment: Electroless Nickel Plating), **NMCPMS** (Material: EN 1.4301 Equiv., Surface Treatment: -)

Part Number	Thread Dia. T	L	C	A	Wrench Flats H	I.D. B	Mass (g)	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Type	No.							1-9 pc(s)	10-50	1-9 pc(s)	20-50
NMCPM	5	M5	17	9.2	4.5	8	2.4				
NMCPMS	10	R 1 / 8	26	12.5	9	11	2.4				

Plugs - Tapped

Type: **NMCPF** (Material: Brass, Surface Treatment: Electroless Nickel Plating), **NMCPFS** (Material: EN 1.4301 Equiv., Surface Treatment: -)

Part Number	Thread Dia. T	L	C	A	Wrench Flats H	I.D. B	Mass (g)	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Type	No.							1-9 pc(s)	20-50	1-9 pc(s)	20-50
NMCPF	5	M5	16	9.2	4.5	8	2.9				
NMCPFS	10	Rc 1 / 8	21.4	9.2	7	14	2.4				

Plugs - Tube Connecting

Type: **NMCPH** (Material: Brass, Surface Treatment: Electroless Nickel Plating), **NMCPHS** (Material: EN 1.4301 Equiv., Surface Treatment: -)

Part Number	Applicable Tube I.D. (mm)	L	C	A	T	H	I.D. B	Mass (g)	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Type	No.								1-9 pc(s)	20-50	1-9 pc(s)	20-50
NMCPH	2.5	18	9.2	7	3.5	6	1.6	1.4				
NMCPHS	4	19	8	4.8	4	8	2.4	1.5				

Plugs - L-Shape Tube Connecting

Type: **NMCPHL** (Material: Brass, Surface Treatment: Electroless Nickel Plating), **NMCPHLS** (Material: EN 1.4301 Equiv., Surface Treatment: -)

Part Number	Applicable Tube I.D. (mm)	L	C	A	E	T	Wrench Flats H	I.D. B	Mass (g)	Unit Price	Volume Discount Rate
Type	No.								1-9 pc(s)	20-50	
NMCPHL	4	4	22.5	17.5	8	18	4.8	8	2.4	9.4	

Sockets - Threaded

Type: **NMCSM** (Material: Brass, Surface Treatment: Electroless Nickel Plating), **NMCSMS** (Material: EN 1.4301 Equiv., Surface Treatment: -)

Part Number	Thread Dia. T	L	D	A	Wrench Flats H	I.D. B	Mass (g)	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Type	No.							1-9 pc(s)	10-30	1-9 pc(s)	10-30
NMCSM	5	M5	23.6	9.5	4.5	9	2.5	9			
NMCSMS	10	R 1 / 8	30	9.5	9	11	4	13.5			

Sockets - Panel Mounting

Type: **NMCSHB** (Material: Brass, Surface Treatment: Electroless Nickel Plating), **NMCSHBS** (Material: EN 1.4301 Equiv., Surface Treatment: -)

Part Number	Applicable Tube I.D. (mm)	L	C	A	D	T	Wrench Flats H	I.D. B	J	Mass (g)	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Type	No.										1-9 pc(s)	10-30	1-9 pc(s)	10-30
NMCSHB	4	4	35	15	8	9.5	4.8	11	2.4	1	7	9	11.6	

Sockets - Tube Connecting

Type: **NMCSH** (Material: Brass, Surface Treatment: Electroless Nickel Plating), **NMCSHS** (Material: EN 1.4301 Equiv., Surface Treatment: -)

Part Number	Applicable Tube I.D. (mm)	L	D	A	T	H	I.D. B	Mass (g)	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Type	No.								1-9 pc(s)	10-30	1-9 pc(s)	10-30
NMCSH	2.5	26	9.5	7	3.5	9	1.6	7.9				
NMCSHS	4	27	8	4.8	4	9	2.4	8				

Sockets - L-Shape Tube Connecting

Type: **NMCSHL** (Material: Brass, Surface Treatment: Electroless Nickel Plating), **NMCSHLS** (Material: EN 1.4301 Equiv., Surface Treatment: -)

Part Number	Applicable Tube I.D. (mm)	L	C	E	A	D	T	Wrench Flats H	I.D. B	Mass (g)	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Type	No.										1-9 pc(s)	10-30	1-9 pc(s)	10-30
NMCSHL	4	4	29	24	18	8	9.5	4.8	9	2.4	15.2			

Ordering Example: Part Number **NMCPH4**

Specifications: Seal Material: Nitrile Rubber (NBR), Operating Temperature Range: -20°C~60°C, Applicable Fluid: Air

Max. Operating Pressure MPa (kgf/cm²) Pressure Resistance MPa (kgf/cm²)
 Brass: 1.0 (10) Stainless Steel: 1.0 (10) / Brass: 1.5 (15) Stainless Steel: 1.5 (15)
 *Single Passage Opening Closing System (Valve is provided on the socket side.)

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Chemical Resistant Type - EN 1.4401 Equiv.

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Plugs - Threaded **Plugs - Tapped** **Plugs - Tube Connection**

MCPMSS (Threaded Mounting Side) No.10 (Socket Side) (Threaded Mounting Side) No.5 (Socket Side)
MCPFSS (Threaded Mounting Side) No.10 (Socket Side) (Threaded Mounting Side) No.5 (Socket Side)
MCPHSS

Part Number	Thread Dia. T	L	A	E	Wrench Flats H	I.D. d	Mass (g)	Unit Price	Volume Discount Rate
Type	No.							1 ~ 9 pc(s)	10-30
MCPMSS	5	M5	19.8	12.5	4.5	8	3		
	10	R 1 / 8	27	10	12	2.4	9		

Part Number	Thread Dia. T	L	A	E	Wrench Flats H	I.D. d	Mass (g)	Unit Price	Volume Discount Rate
Type	No.							1 ~ 9 pc(s)	10-30
MCPFSS	5	M5	18.5	12.5	5	8	3		
	10	Rc 1 / 8	24	9	14	2.4	12		

Part Number	Applicable Tube I.D. (mm)	L	A	D	C	E	I.D. d	Mass (g)	Unit Price	Volume Discount Rate
Type	No.								1 ~ 9 pc(s)	10-30
MCPHSS	2.5	2.5	23.3	12.5	8	2.9	7	1.6	4	
	4	4	23.3	12.5	8	4.7	8	2.4	12	

Sockets - Threaded **Sockets - Tube Connection**

MCSMSS (Plug Side) No.10 (Tapped Mounting Side) (Plug Side) No.5 (Tapped Mounting Side)
MCSHSS (Plug Side) (Hose Fixing Side)

Part Number	Thread Dia. T	L	D	E	Wrench Flats H	I.D. d	Mass (g)	Unit Price	Volume Discount Rate
Type	No.							1 ~ 9 pc(s)	10-30
MCSMSS	5	M5	28.2	11	4.5	10	2.5	10	
	10	R 1 / 8	34.9	10	12	4	16		

Part Number	Applicable Tube I.D. (mm)	L	D	C	E	H	I.D. d	Mass (g)	Unit Price	Volume Discount Rate
Type	No.								1 ~ 9 pc(s)	10-30
MCSHSS	2.5	2.5	30.7	11	2.9	7	1.6	12		
	4	4	31.7	11	4.7	8	2.4	19		

Ordering Example: Part Number **MCPMSS5** / **MCSMSS10**

Specifications

Type	Plugs, Sockets
Applicable Fluid	Air, Water
Operating Temperature Range	-15~180°C
Max. Operating Pressure	0.98MPa
Pressure Resistant	1.47MPa
Seal Material	Fluorine

Structure of Valve Single Passage Opening Closing Type (Only socket has valve structure)

Features

- The socket has the embedded automatic valve which is excellent in pressure resistance.
- Made of EN 1.4401 Equiv. and excellent in chemical and corrosion resistance.