

# 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: SUS304, Surface Treatment: -)

No.10 (Tapped Mounting Side) / No.5 (Socket Side)

Part Number	Thread Dia. T	L	C	A	Wrench Flats H	I.D. B	Mass (g)	Unit Price	Volume Discount Rate
Type	No.								
NMCPM	5	M5	17	9.2	4.5	8	2.4	2	1-19 pcs.
NMCPMS	10	R 1 / 8	26	12.5	9	11	8.7	2	1-19 pcs.

**Plugs - Tapped**

Type: **NMCPF** (Material: Brass, Surface Treatment: Electroless Nickel Plating), **NMCPFS** (Material: SUS304, Surface Treatment: -)

Part Number	Thread Dia. T	L	C	A	Wrench Flats H	I.D. B	Mass (g)	Unit Price	Volume Discount Rate
Type	No.								
NMCPF	5	M5	16	9.2	4.5	8	2.9	2	1-19 pcs.
NMCPFS	10	Rc 1 / 8	21.4	9.2	7	14	14	2	1-19 pcs.

**Plugs - Tube Connecting**

Type: **NMCPH** (Material: Brass, Surface Treatment: Electroless Nickel Plating), **NMCPHS** (Material: SUS304, Surface Treatment: -)

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

**Plugs - L-Shape Tube Connecting**

Type: **NMCPHL** (Material: Brass, Surface Treatment: Electroless Nickel Plating), **NMCPHLS** (Material: SUS304, 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.										
NMCPHL	4	4	22.5	17.5	8	18	4.8	8	2.4	9.4	1-19 pcs.
NMCPHLS	4	4	22.5	17.5	8	18	4.8	8	2.4	9.4	1-19 pcs.

**Sockets - Threaded**

Type: **NMCSM** (Material: Brass, Surface Treatment: Electroless Nickel Plating), **NMCSMS** (Material: SUS304, Surface Treatment: -)

No.10 (Plug Side) / No.5 (Tapped Mounting Side)

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

**Sockets - Panel Mounting**

Type: **NMCSHB** (Material: Brass, Surface Treatment: Electroless Nickel Plating), **NMCSHBS** (Material: SUS304, 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
Type	No.											
NMCSHB	4	4	35	15	8	9.5	4.8	11	2.4	1	7	9
NMCSHBS	4	4	35	15	8	9.5	4.8	11	2.4	1	7	9

**Sockets - Tube Connecting**

Type: **NMCSH** (Material: Brass, Surface Treatment: Electroless Nickel Plating), **NMCSHS** (Material: SUS304, Surface Treatment: -)

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

**Sockets - L-Shape Tube Connecting**

Type: **NMCSHL** (Material: Brass, Surface Treatment: Electroless Nickel Plating), **NMCSHLS** (Material: SUS304, Surface Treatment: -)

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

Ordering Example: **NMCPH4**

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

Max. Operating Pressure MPa (kgf/cm<sup>2</sup>) Pressure Resistance MPa (kgf/cm<sup>2</sup>)  
 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.)

# Air Couplers - Plugs / Sockets

## Chemical Resistant Type - SUS316

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

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

**MCPMSS** (Threaded Mounting Side) No.10 (Socket Side) / No.5 (Socket Side)  
**MCPFSS** (Threaded Mounting Side) No.10 (Socket 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.								
MCPMSS	5	M5	19.8	12.5	4.5	8	3	10-30	
MCPMSS	10	R 1 / 8	27	10	12	2.4	9	10-30	

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

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

**Sockets - Threaded** **Sockets - Tube Connection**

**MCSMSS** (Plug Side) No.10 (Tapped Mounting 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.								
MCSMSS	5	M5	28.2	11	4.5	10	2.5	10	10-30
MCSMSS	10	R 1 / 8	34.9	10	12	4	16	10-30	

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

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)

Ordering Example: **MCPMSS5** / **MCSMSS10**

Features

- The socket has the embedded automatic valve which is excellent in pressure resistance.
- Made of SUS316 and excellent in chemical and corrosion resistance.