

# Air Couplers (Lightweight Type / Lightweight Type Sockets)

Threaded / Tapped / Tube Connecting / Urethane Hose Mounting

**Air Couplers (Lightweight Type Plugs) – Threaded**

**KSCPM**

Material: Brass (Nickel Plating)

Part Number Type	No.	Thread Dia. T	(L)	C	D	Wrench Flats H	d	Mass (g)
KSCPM	10	R 1/8	31	15	—	12	6	12
	20	R 1/4	34	15	18.5	17	6	22.7

**Air Couplers (Lightweight Type Plugs) – Tapped**

**KSCPF**

Material: Brass (Nickel Plating)

Part Number Type	No.	Thread Dia. F	(L)	C	D	Wrench Flats H	d	Mass (g)
KSCPF	20	G 1/4	28	15	18.5	17	6	17.7

**Air Couplers (Lightweight Type Plugs) – Tube Connecting**

**KSCPH**

Material: Brass (Nickel Plating)

Part Number Type	No.	(L)	C	A	d	Mass (g)
KSCPH	20	51	15	30	6	16

**Air Couplers (Lightweight Type Plugs) – Urethane Hose Mounting**

**KSCPN**

Material: Brass (Nickel Plating)

Part Number Type	No.	(L)	C	A	d	Wrench Flats H	Mass (g)
KSCPN	8	38.5	15	17	3.8	17	27.6
	10				5.3		

**Air Couplers (Lightweight Type Sockets) – Threaded**

**KSCSM**

Material: Brass (Nickel Plating)

Part Number Type	No.	Thread Dia. T	(L)	D	Wrench Flats H	d	Mass (g)
KSCSM	20	R 1/4	50	19.5	17	6	57

**Air Couplers (Lightweight Type Sockets) – Tapped**

**KSCSF**

Material: Brass (Nickel Plating)

Part Number Type	No.	Thread Dia. T	(L)	D	Wrench Flats H	Mass (g)
KSCSF	20	Rc 1/4	47.5	19.5	17	26

**Air Couplers (Lightweight Type Sockets) – Tube Connecting**

**KSCSH**

Material: Brass (Nickel Plating)

Part Number Type	No.	(L)	C	D	Mass (g)
KSCSH	20	67	30	19.5	56

**Air Couplers (Lightweight Type Sockets) – Urethane Hose Mounting**

**KSCSN**

Material: Brass (Nickel Plating)

Part Number Type	No.	(L)	A	D	d	Wrench Flats H	Mass (g)
KSCSN	8	54.5	17	19.5	3.8	17	35
	10				5.3		

## Specifications

Seal Material	Nitrile Rubber (NBR Nitrile Rubber)
Operating Temperature Range	-20~80°C
Applicable Fluid	Air
Max. Operating Pressure MPa (kgf/cm <sup>2</sup> )	1.0 (10)
Pressure Resistance MPa(kgf/cm <sup>2</sup> )	1.5 (15)

① Single Passage Opening Closing System (Valve is provided on socket side.)

# Air Couplers (Miniature Type / Miniature Type Sockets)

Threaded / Tapped / Tube Connecting / L-Shape Tube Connecting

**Air Couplers (Miniature Type Plugs) – Threaded**

**NMCPM**  
**NMCPMS**

Material: Brass / 304 Stainless Steel  
Surface Treatment: Electroless Nickel Plating

Part Number Type	No.	Thread Dia. T	L	C	A	Wrench Flats H	Inner Dia. B	Mass (g)
NMCPM	5	M5	17	9.2	4.5	8	2.4	2
	10	R 1/8	26	12.5	9	11	2.4	8.7

**Air Couplers (Miniature Type Plugs) – Tube Connecting**

**NMCPH**  
**NMCPHS**

Material: Brass / 304 Stainless Steel  
Surface Treatment: Electroless Nickel Plating

Part Number Type	No.	Applicable Tube Inner Dia. (mm)	L	C	A	T	H	Inner Dia. B	Mass (g)
NMCPH	2.5	2.5	18	9.2	7	3.5	6	1.6	1.4
	4	4	19		8	4.8		2.4	1.5

**Air Couplers (Miniature Type Sockets) – Threaded**

**NMCSM**  
**NMCSMS**

Material: Brass / 304 Stainless Steel  
Surface Treatment: Electroless Nickel Plating

Part Number Type	No.	Thread Dia. T	L	D	A	Wrench Flats H	Inner Dia. B	Mass (g)
NMCSM	5	M5	23.6	9.5	4.5	9	2.5	9
	10	R 1/8	30		9	11	4	13.5

**Air Couplers (Miniature Type Sockets) – Tube Connecting**

**NMCSH**  
**NMCSHS**

Material: Brass / 304 Stainless Steel  
Surface Treatment: Electroless Nickel Plating

Part Number Type	No.	Applicable Tube I.D. (mm)	L	D	A	T	H	Inner Dia. B	Mass (g)
NMCSH	2.5	2.5	26	9.5	7	3.5	9	1.6	7.9
	4	4	27		8	4.8		2.4	8

Part Number Example: **NMCPH4**

**Air Couplers (Miniature Type Plugs) – Tapped**

**NMCPF**  
**NMCPFS**

Material: Brass / 304 Stainless Steel  
Surface Treatment: Electroless Nickel Plating

Part Number Type	No.	Thread Dia. T	L	C	A	Width Across Flats H	Inner Dia. B	Mass (g)
NMCPF	5	M5	16	9.2	4.5	8	2.4	2.9
	10	Rc 1/8	21.4	9.2	7	14	2.4	14

**Air Couplers (Miniature Type Plugs) – L-Shape Tube Connecting**

**NMCPHL**  
**NMCPHLS**

Material: Brass / 304 Stainless Steel  
Surface Treatment: Electroless Nickel Plating

Part Number Type	No.	Tube Inner Dia. (mm)	L	C	A	E	T	Wrench Flats H	Inner Dia. B	Mass (g)
NMCPHL	4	4	22.5	17.5	8	18	4.8	8	2.4	9.4

**Air Couplers (Miniature Type Sockets) – Panel Mounting**

**NMCSHB**  
**NMCSHBS**

Material: Brass / 304 Stainless Steel  
Surface Treatment: Electroless Nickel Plating

Part Number Type	No.	Applicable Tube I.D. (mm)	L	C	A	D	T	Wrench Flats H <sub>1</sub>	Inner Dia. B	F	J	Wrench Flats H <sub>2</sub>	Mass (g)
NMCSHB	4	4	35	15	8	9.5	4.8	11	2.4	1	7	9	11.6

**Air Couplers (Miniature Type Sockets) – L-Shape Tube Connecting**

**NMCSHL**  
**NMCSHLS**

Material: Brass / 304 Stainless Steel  
Surface Treatment: Electroless Nickel Plating

Part Number Type	No.	Tube Inner Dia. (mm)	L	C	E	A	D	T	Wrench Flats H	Inner Dia. B	Mass (g)
NMCSHL	4	4	29	24	18	8	9.5	4.8	9	2.4	15.2

① For combination of plugs and sockets, refer to P.3515.

## Specifications

Seal Material	Nitrile Rubber (NBR Nitrile Rubber)
Operating Temperature Range	-20~60°C
Applicable Fluid	Air
Max. Operating Pressure MPa (kgf/cm <sup>2</sup> )	Brass: 1.0 (10) Stainless Steel: 1.0 (10)
Pressure Resistance MPa(kgf/cm <sup>2</sup> )	Brass: 1.5 (15) Stainless Steel: 1.5 (15)

① Single Passage Opening Closing System (Valve is provided on socket side.)