Chrome Plating

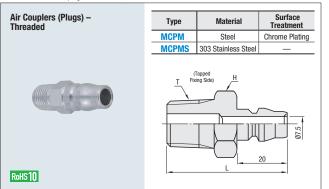
\*MCSFS is for Ø25.4.

303

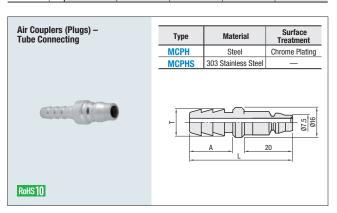
# **Air Couplers (Plugs)**

## Threaded / Tapped / Tube Connecting / Nut Tightening / One-Touch Coupling

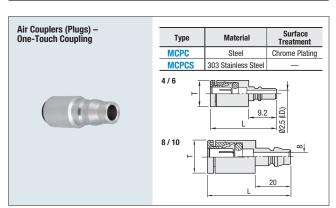
O For combination of plugs and sockets, refer to P.3515.



Part Numb	er	Thread Dia.		Wrench Flats	Mass (g)		
Туре	No.	T		Н	МСРМ	MCPMS	
	20	R 1/4	41	14	25	27	
MCPM MCPMS	30	R 3/8	42	19	43	40	
MICPINIS	40	R 1/2	46	22	59	62	

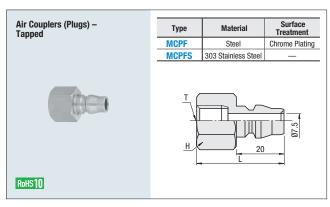


Part Number		Tube			-	Mass (g)	
Туре	No.	Inner Dia. (mm)		A	'	MCPH	MCPHS
МСРН	6.5	6.5	54	27	7.2	24	00
MCPHS	8	8	57	30	9	28	26

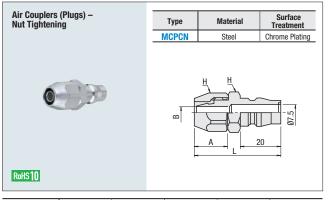


Part Number			, .	Inner Dia.	Mass	
Туре	No.	-	•	B	(g)	
МСРС	8	41.0 (46.5)	16.5 (12.5)	6.5 (7.5)	30 (40)	
MCPCS	10	45.0 (50)	19.5 (15)	7.5	43 (50)	

O Values in ( ) are for MCPCS.



Part Numb	er	Thread Dia.		Wrench Flats	Mas	s (g)
Туре	No.	T		Н	MCPF	MCPFS
	20	Rc 1/4	36	17	28	30
MCPF MCPFS	30	Rc 3/8	37	21	39	41
MOFFS	40	Rc 1/2	38	29	70	69



Part Number				В	н	Mass	
Туре	No.		А	В	п	(g)	
MCPCN	8	43	17	4.5	17	30	
	10	43	17	5.3	17	42	
	12	45	19	7.5	19	50	

① When MCPCN is used in combination with tube, select the same number as that of the tube outer diameter



Part Number Example

Part Number MCPC4 MCSCG

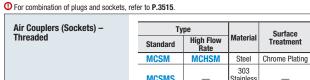
#### **Specifications**

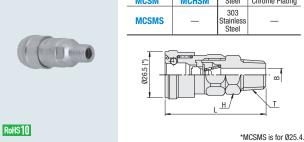
Туре	Plugs
Applicable Fluid	Air / Water (Stainless Steel Type)
Operating Temperature Range	-20-80°C
Max. Operating Pressure	1.5 mPa
Pressure Resistant	2.0 MPa
Seal Material	Nitrile Rubber
Structure of Valve	Single Passage Opening Closing Type

- O Single Passage Opening Closing System (Valve is provided on the socket side.)
- ① For combination with a tube, select the same number as that of the tube diameter.
- ① The specifications are related to the coupling bodies. The actual pressure specification, operating rature range and etc. vary depending on the material of the tubes.

# **Air Couplers (Sockets)**

## Threaded / Tapped / Tube Connecting / Nut Tightening / One-Touch Coupling





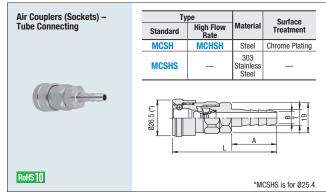
Part Nur	Part Number			Wrench Flats	Inner Dia.	Mass (g)		
Туре	No.	Dia. T		Н	В	MCSM	MCSMS	MCHSM
MCSM	20	R 1/4	55.5	19	7	101	96	_
	30	R 3/8	56.5	19	8	108	105	_
MCSMS	40	R 1/2	59.5	23	9	131	120	_
	20	R 1/4	60	19	7.5	_	_	89
MCHSM	30	R 3/8	60.5	19	10	_	_	91
	40	R 1/2	56	24	13	_	_	102

nber	Thread		Wrench Flats	Inner Dia.		Mass (g)		Part Nu	mber	Thread		Width		Mass (g)	
No.	Dia. T	L	Н	В	MCSM	MCSMS	MCHSM	Туре	No.	Dia. T	L	Across Flats H	MCSF	MCSFS	MCHSF
20	R 1/4	55.5	19	7	101	96	_	MCSF	20	Rc 1/4	49.5	19	95	98	_
30	R 3/8	56.5	19	8	108	105	_		30	Rc 3/8	50.5	21	103	99	_
40	R 1/2	59.5	23	9	131	120	_	MCSFS	40	Rc 1/2	52.5	29	139	138	_
20	R 1/4	60	19	7.5	_	_	89		20	Rc 1/4	57.5	19	_	_	94
30	R 3/8	60.5	19	10	_	_	91	MCHSF	30	Rc 3/8	55.5	22	_	_	103
40	R 1/2	56	24	13	_	_	102		40	Rc 1/2	57.5	29	_	_	138
plers (S	ockets) -	-		Туре		Cunt		Air Co	uplers	(Sockets	s) —	Ту	pe Material	Surface Treatment	

RoHS10

Air Couplers (Sockets) -

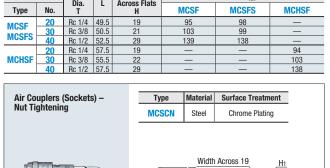
Tapped



Part Nur	Part Number			А	_	Inner		Mass (g)	
Туре	No.	Inner Dia. (mm)	-	LA	'	Diameter B	MCSH	MCSHS	MCHSH
MCSH	6.5	6.5	69.5	27	7.2	4.5	99	99	_
MCSHS	8	8	72.5	30	9	5	103	100	_
	6.3	6.3	77	27	7.2	4.5	_	_	86
MCHSH	9.5	9.5	79	32	11.3	7.5	_		92
	12.7	12.7	79.5	32	15	10	_	-	104

Air Couplers (Sockets) –	Туре	Material	Surface Treatment
One-Touch Coupling	MCSC	Brass	Chrome Plating
	MCSCS	303 Stainless Steel	_
	025.4		

Part Num	ber		0		Mass	
Туре	No.	L	C	•	(g)	
MCSC	8	52.5 (58)	14.0 (18.5)	13 (12.5)	97 (102)	
MCSCS	10	56.0 (62)	17.5 (22)	15.4 (14.5)	107 (115)	



Standard

Part Num	ber		В		Mass (g)	
Туре	No.	L	В	H <sub>1</sub>		
	8	64.5	4.5	17	105	
MCSCN	10	64.5	5.3	17	106	
	12	65.5	7.5	19	112	

#### **Features (High Flow Rate Type)**

- Unlike conventional types, pushing in the plug is all that is required to connect it to the socket.
- Low pressure-loss valve structure has increased the flow rate by 15%.

### **Precautions for Use (All Standard Type)**

- Be sure that the fluid flows from the socket side to the plug side.
- Not available for vacuum service as unit or connected.

#### **Specifications**

RoHS10

Specifications		
Туре	Sockets	Sockets: High Flow Rate Type
Applicable Fluid	Air / Water (Stainless Steel Type)	Air
Operating Temperature Range	-20-80°C	-20-60°C
Max. Operating Pressure	1.5 MPa	1.5 MPa
Pressure Resistant	2.0 MPa	2.0 MPa
Seal Material	Nitrile Rubber	
Structure of Valve	Single Passage Opening Closing Type (Only socket has valve structure)	



Part Number