

Air Couplers - Plugs

Standard Type

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

Male Threaded

Type	Material	Surface Treatment
MCPM	Steel	Chrome Plating
MCPMS	SUS303	-

Part Number	Type	No.	Thread Dia. T	L	Wrench Flats H	Mass (g)		Unit Price		Volume Discount Rate	
						MCPM	MCPMS	1-29 pcs	30-50	1-9 pcs	10-30
MCPM MCPMS	20	R 1 / 4	41	14	25	27					
	30	R 3 / 8	42	19	43	40					
	40	R 1 / 2	46	22	59	62					

For orders larger than indicated quantity, please check with WOS.

Hose Mounting

Type	Material	Surface Treatment
MCPH	Steel	Chrome Plating
MCPHS	SUS303	-

Part Number	Type	No.	Applicable Hose I.D. (mm)	L	A	T	Mass (g)		Unit Price		Volume Discount Rate	
							MCPH	MCPHS	1-29 pcs	30-50	1-9 pcs	10-30
MCPH MCPHS	6.5	8	6.5	54	27	7.2	24					
	8	8	8	57	30	9	28					
	10	8	10	57	30	9	28					

For orders larger than indicated quantity, please check with WOS.

One-Touch Coupling

Type	Material	Surface Treatment
MCPC	Brass	Chrome Plating
MCPCS	SUS303	-

Part Number	Type	No.	L	T	I.D. B	Mass (g)		Unit Price		Volume Discount Rate	
						MCPC	MCPCS	1-9 pcs	10-30	1-9 pcs	10-30
MCPC MCPCS	8	8	41.0(46.5)	16.5(12.5)	6.5(7.5)	30(40)					
	10	10	45.0(50)	19.5(15)	7.5	43(50)					
	12	12	49.0(54)	22.5(18)	8.5	46(54)					

When MCPC is used in combination with tube, select the same number as that of the tube O.D.
Values in () are for MCPCS. For orders larger than indicated quantity, please check with WOS.

Tapped (Rotary Type)

Type	Material	Surface Treatment
MCPRF	Steel	Nickel Plating

Part Number	Type	No.	Thread Dia. F	L	H	Mass (g)	Unit Price		Volume Discount Rate	
							1-4 pc(s)	5-20	1-4 pc(s)	5-20
MCPRF	20	20	G 1 / 4	51.3	33.3	57				
	30	30	G 3 / 8	60.5	41.3	67				
	40	40	G 1 / 2	76.2	51.3	87				

Rotary function allows 360° rotation. For orders larger than indicated quantity, please check with WOS.

Tapped

Type	Material	Surface Treatment
MCPF	Steel	Chrome Plating
MCPFS	SUS303	-

Part Number	Type	No.	Thread Dia. T	L	Wrench Flats H	Mass (g)		Unit Price		Volume Discount Rate	
						MCPF	MCPFS	1-29 pcs	30-50	1-29 pcs	30-50
MCPF MCPFS	20	Rc 1 / 4	36	17	28	30					
	30	Rc 3 / 8	37	21	39	41					
	40	Rc 1 / 2	38	29	70	69					

For orders larger than indicated quantity, please check with WOS.

Nut Tightening

Type	Material	Surface Treatment
MCPCN	Steel	Chrome Plating

Part Number	Type	No.	L	A	B	H	Mass (g)	Unit Price		Volume Discount Rate	
								1-29 pc(s)	30-50	1-29 pc(s)	30-50
MCPCN	8	8	43	17	4.5	17	30				
	10	10	43	17	5.3	17	42				
	12	12	45	19	7.5	19	50				

When MCPCN is used in combination with tube, select the same number as that of the tube O.D.
For orders larger than indicated quantity, please check with WOS.

Male Threaded (Rotary Type)

Type	Material	Surface Treatment
MCPRM	Steel	Nickel Plating

Part Number	Type	No.	Thread Dia. T	L	H	Mass (g)	Unit Price		Volume Discount Rate	
							1-4 pc(s)	5-20	1-4 pc(s)	5-20
MCPRM	20	20	R 1 / 4	52.1	34.1	52				
	30	30	R 3 / 8	60.8	42.8	62				
	40	40	R 1 / 2	76.2	52.1	82				

Rotary function allows 360° rotation. For orders larger than indicated quantity, please check with WOS.

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

Ordering Example
Part Number
MCPC8

Air Couplers - Sockets

Standard Type

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

Male Threaded

Type	Material	Surface Treatment
Standard	Steel	Chrome Plating
MCSM	Steel	Chrome Plating
MCSMS	SUS303	-

Part Number	Type	No.	Thread Dia. T	L	Wrench Flats H	I.D. B	Mass (g)		Unit Price		Volume Discount Rate	
							MCSM	MCSMS	1-29 pcs	30-50	1-9 pcs	10-30
MCSM MCSMS	20	R 1 / 4	55.5	19	7	101	96					
	30	R 3 / 8	56.5	19	8	108	105					
	40	R 1 / 2	59.5	23	9	131	120					
MCHSM	20	R 1 / 4	60	19	7.5	-	-	89				
	30	R 3 / 8	60.5	19	10	-	-	91				
	40	R 1 / 2	56	24	13	-	-	102				

For orders larger than indicated quantity, please check with WOS.

Hose Mounting

Type	Material	Surface Treatment
Standard	Steel	Chrome Plating
MCSH	Steel	Chrome Plating
MCSHS	SUS303	-

Part Number	Type	No.	Applicable Hose I.D. (mm)	L	A	T	I.D. B	Mass (g)		Unit Price		Volume Discount Rate	
								MCSH	MCSHS	1-29 pcs	30-50	1-9 pcs	10-30
MCSH MCSHS	6.5	8	6.5	60.5	27	7.2	4.5	99	99				
	8	8	8	72.5	30	9	5	103	100				
	10	10	10	77	32	11.3	7.5	-	-				
MCHSH	6.5	8	6.5	77	27	7.2	4.5	-	-				
	8	8	8	79	32	11.3	7.5	-	-				
	12	12	12	79.5	32	15	10	-	-				

For orders larger than indicated quantity, please check with WOS.

One-Touch Coupling

Type	Material	Surface Treatment
MCSC	Brass	Chrome Plating
MCSCS	SUS303	-

Part Number	Type	No.	L	C	T	Mass (g)	Unit Price		Volume Discount Rate	
							1-4 pc(s)	5-20	1-4 pc(s)	5-20
MCSC MCSCS	8	8	52.5 (58)	14.0 (18.5)	13 (12.5)	97 (102)				
	10	10	56.0 (62)	17.5 (22)	15.4 (14.5)	107 (115)				
	12	12	59.5 (65)	20.5 (25)	17.5 (16.5)	117 (125)				

Dimensions in () are for MCSCS. For orders larger than indicated quantity, please check with WOS.
Select the same number as that of the tube O.D.

Male Threaded (Locking Mechanism built-in)

Type	Material	Surface Treatment
MCSTM	Steel	Nickel Plating

Part Number	Type	No.	Thread Dia. T	L	H	d	Mass (g)	Unit Price		Volume Discount Rate	
								1-4 pc(s)	5-20	1-4 pc(s)	5-20
MCSTM	20	20	R 1 / 4	60	19	7.5	89				
	30	30	R 3 / 8	60.5	19	10	91				
	40	40	R 1 / 2	56	24	13	102				

For orders larger than indicated quantity, please check with WOS.

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

Tapped

Type	Material	Surface Treatment
Standard	Steel	Chrome Plating
MCSF	Steel	Chrome Plating
MCSFS	SUS303	-

Part Number	Type	No.	Thread Dia. T	L	Wrench Flats H	I.D. B	Mass (g)		Unit Price		Volume Discount Rate	
							MCSF	MCSFS	1-29 pcs	30-50	1-29 pcs	30-50
MCSF MCSFS	20	Rc 1 / 4	49.5	19	95	98						
	30	Rc 3 / 8	50.5	21	103	99						
	40	Rc 1 / 2	52.5	29	139	138						
MCHSF	20	Rc 1 / 4	57.5	19	-	-	94					
	30	Rc 3 / 8	55.5	22	-	-	103					
	40	Rc 1 / 2	57.5	29	-	-	138					

For orders larger than indicated quantity, please check with WOS.

Nut Tightening

Type	Material	Surface Treatment
MCSCN	Steel	Chrome Plating

Part Number	Type	No.	L	B	H1	Mass (g)	Unit Price		Volume Discount Rate	
							1-29 pc(s)	30-50	1-29 pc(s)	30-50
MCSCN	8	8	64.5	4.5	17	105				
	10	10	64.5	5.3	17	106				
	12	12	65.5	7.5	19	112				

Select the same number as that of the tube O.D. For orders larger than indicated quantity, please check with WOS.

Tube Connecting (Locking Mechanism built-in)

Type	Material	Surface Treatment
MCSTH	Steel	Nickel Plating

Part Number		(L)	A	T	d	Mass (g)	Unit Price	Volume Discount Rate
Type	No.						1 ~ 4 pc(s).	5~20
MCSTH	20	77	27.5	9	5	90		
	30	79	32	11.3	7.5	92		
	40	79.5	32	15	10	104		