

Air Couplers - Plugs

Standard Type

For combination of plugs and sockets, refer to P.1320.

Threaded

Type	Material	Surface Treatment
MCPM	Steel	Chrome Plating
MCPMS	303 Stainless Steel	-

RoHS

Part Number	Thread Dia. T	L	Wrench Flats H	Mass (g)		MCPM		MCPMS	
				MCPM	MCPMS	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
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	-	-	-

Hose Mounting

Type	Material	Surface Treatment
MCPH	Steel	Chrome Plating
MCPHS	303 Stainless Steel	-

RoHS

Part Number	Applicable Hose I.D. (mm)	L	A	T	Mass (g)		MCPH		MCPHS	
					MCPH	MCPHS	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
MCPH MCPHS	6.5	6.5	54	27	7.2	24	-	-	-	-
	8	8	57	30	9	28	-	-	-	-
	-	-	-	-	-	-	-	-	-	-

One-Touch Coupling

Type	Material	Surface Treatment
MCPC	Brass	Chrome Plating
MCPCS	303 Stainless Steel	-

RoHS

Part Number	Type	No.	L	T	I.D. B	Mass (g)	MCPC		MCPCS	
							Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
MCPC MCPCS		8	41.0(46.5)	16.5(12.5)	6.5(7.5)	30(40)	-	-	-	-
							-	-	-	-
							-	-	-	-

When MCPC is used in combination with tube, select the same number as that of the tube I.D.
Values in () are for MCPCS.

Tapped (Rotary Type)

Type	Material	Surface Treatment
MCPRF	Steel	Nickel Plating

RoHS

Part Number	Type	No.	Thread Dia. F	L	H	Mass (g)	Unit Price	Volume Discount Rate
MCPRF		20	G 1/4	51.3	33.3	57	-	-

Rotary function allows 360° rotation.

Tapped

Type	Material	Surface Treatment
MCPF	Steel	Chrome Plating
MCPFS	303 Stainless Steel	-

RoHS

Part Number	Thread Dia. T	L	Wrench Flats H	Mass (g)		MCPF		MCPFS	
				MCPF	MCPFS	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
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	-	-	-

Nut Tightening

Type	Material	Surface Treatment
MCPCN	Steel	Chrome Plating

RoHS

Part Number	Type	No.	L	A	B	H	Mass (g)	Unit Price	Volume Discount Rate						
										1-29 pc(s)		30-49			
MCPCN		8	43	17	4.5	17	30	-	-						
								10	43	17	5.3	17	42	-	-
														12	45

When MCPCN is used in combination with tube, select the same number as that of the tube O.D.

Threaded (Rotary Type)

Type	Material	Surface Treatment
MCPRM	Steel	Nickel Plating

RoHS

Part Number	Type	No.	Thread Dia. T	L	H	Mass (g)	Unit Price	Volume Discount Rate					
									1-4 pc(s)		5-19		
MCPRM		20	R 1/4	52.1	34.1	52	-	-					
							30	R 3/8	50.8	32.8	73	-	-

Rotary function allows 360° rotation.

Specifications

Type	Plugs
Applicable Fluid	Air / Water (Stainless Steel 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

Days to Ship
Configure Online

Air Connectors - Sockets

Standard Type

For combination of plugs and sockets, refer to P.1320.

Threaded

Type	Material	Surface Treatment
MCSM	Steel	Chrome Plating
MCSMS	303 Stainless Steel	-

RoHS

*MCSMS is for Ø25.4.

Part Number	Thread Dia. T	L	Wrench Flats H	I.D. B	Mass (g)		MCSM		MCSMS		MCHSM	
					MCSM	MCSMS	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
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	-	-	-	-

Hose Mounting

Type	Material	Surface Treatment
MCSH	Steel	Chrome Plating
MCSHS	303 Stainless Steel	-

RoHS

*MCSHS is for Ø25.4.

Part Number	Applicable Hose I.D. (mm)	L	A	T	I.D. B	Mass (g)		MCSH		MCSHS		MCHSH	
						MCSH	MCSHS	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
MCSH MCSHS	6.5	6.5	69.5	27	7.2	4.5	99	99	-	-	-	-	-
	8	8	72.5	30	9	5	103	100	-	-	-	-	-
	12	12	77	27	7.2	4.5	-	-	86	-	-	-	-
MCHSH	9.5	9.5	79	32	11.3	7.5	-	-	92	-	-	-	-

One-Touch Coupling

Type	Material	Surface Treatment
MCSC	Brass	Chrome Plating
MCSCS	303 Stainless Steel	-

RoHS

Part Number	Type	No.	L	C	T	Mass (g)	MCSC		MCSCS	
							Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
MCSC MCSCS		8	52.5(58)	14.0(18.5)	13(12.5)	97(102)	-	-	-	-
							-	-	-	-
							-	-	-	-

Dimensions in () are for MCSCS.

Threaded (Locking Mechanism built-in)

Type	Material	Surface Treatment
MCSTM	Steel	Nickel Plating

RoHS

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

Ordering Example
Part Number
MCSCS10

Specifications

Type	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	1.5MPa	1.5MPa
Pressure Resistant	2.0MPa	2.0MPa
Seal Material	Nitrile Rubber	
Structure of Valve	Single Passage Opening Closing Type (Only socket has valve structure)	

Tapped

Type	Material	Surface Treatment
MCSF	Steel	Chrome Plating
MCSFS	303 Stainless Steel	-

RoHS

*MCSFS is for Ø25.4.

Part Number	Thread Dia. T	L	Wrench Flats H	Mass (g)		MCSF		MCSFS		MCHSF	
				MCSF	MCSFS	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
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	-	-	-	-

Nut Tightening

Type	Material	Surface Treatment
MCSCN	Steel	Chrome Plating

RoHS

Part Number	Type	No.	L	B	H1	Mass (g)	Unit Price	Volume Discount Rate					
									1-29 pc(s)		30-49		
MCSCN		8	64.5	4.5	17	105	-	-					
							10	64.5	5.3	17	106	-	-
												12	65.5

Tube Connecting (Locking Mechanism built-in)

Type	Material	Surface Treatment
MCSTH	Steel	Nickel Plating

RoHS

Part Number	Type	No.	(L)	A	T	d	Mass (g)	Unit Price	Volume Discount Rate						
										1-4 pc(s)		5-19			
MCSTH		20	77	27.5	9	5	90	-	-						
								30	79	32	11.3	7.5	92	-	-
														40	79.5

Tapped (Locking Mechanism built-in)

Type	Material	Surface Treatment
MCSTFN	Steel	Nickel Plating

RoHS

Part Number	Type	No.	Thread Dia. T (L)	H	Mass (g)	Unit Price	Volume Discount Rate					
								1-4 pc(s)		5-19		
MCSTFN		20	Rc 1/4	57.5	19	94	-					
							30	Rc 3/8	55.5	22	103	-
												40

Days to Ship
Configure Online