

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	EN 1.4305 Equiv.	-

Part Number Table:

Part Number	Thread Dia. T	L	Wrench Flats H	Mass (g)	Unit Price	Volume Discount Rate
Type	No.					
MCPM	20	R 1 / 4	41	14	25	27
MCPMS	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	EN 1.4305 Equiv.	-

Part Number Table:

Part Number	Applicable Hose I.D. (mm)	L	A	T	Mass (g)	Unit Price	Volume Discount Rate
Type	No.						
MCPH	6.5	6.5	54	27	7.2	24	26
MCPHS	8	8	57	30	9	28	26

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

One-Touch Coupling

Type	Material	Surface Treatment
MCPC	Brass	Chrome Plating
MCPCS	EN 1.4305 Equiv.	-

Part Number Table:

Part Number	L	T	I.D. B	Mass (g)	Unit Price	Volume Discount Rate
Type	No.					
MCPC	8	41.0(46.5)	16.5(12.5)	6.5(7.5)	30(40)	1-9 pc(s)
MCPCS	10	45.0(50)	19.5(15)	7.5	43(50)	1-9 pc(s)

☞ 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 Table:

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

☞ 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	EN 1.4305 Equiv.	-

Part Number Table:

Part Number	Thread Dia. T	L	Wrench Flats H	Mass (g)	Unit Price	Volume Discount Rate
Type	No.					
MCPF	20	Rc 1 / 4	36	17	28	30
MCPFS	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 Table:

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

☞ 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 Table:

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

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

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

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	EN 1.4305 Equiv.	-

Part Number Table:

Part Number	Thread Dia. T	L	Wrench Flats H	I.D. B	Mass (g)	Unit Price	Volume Discount Rate
Type	No.						
MCSM	20	R 1 / 4	55.5	19	7	101	96
MCSMS	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	-	-
	30	R 3 / 8	60.5	19	10	-	-
	40	R 1 / 2	56	24	13	-	-

* MCSMS is for Ø25.4.

Part Number	Thread Dia. T	L	Wrench Flats H	I.D. B	Mass (g)	MCSM		MCSMS		MCHSM	
						Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Type	No.										
MCSM	20	R 1 / 4	55.5	19	7	101	96	-	-	-	-
MCSMS	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	EN 1.4305 Equiv.	-

Part Number Table:

Part Number	Applicable Hose I.D. (mm)	L	A	T	I.D. B	Mass (g)	Unit Price	Volume Discount Rate
Type	No.							
MCSH	6.5	6.5	60.5	27	7.2	4.5	99	99
MCSHS	8	8	72.5	30	9	5	103	100
MCHSH	6.3	6.3	77	27	7.2	4.5	-	-
	9.5	9.5	79	32	11.3	7.5	-	-
	12.7	12.7	79.5	32	15	10	-	-

* MCSHS is for Ø25.4.

Part Number	Applicable Hose I.D. (mm)	L	A	T	I.D. B	Mass (g)	MCSH		MCSHS		MCHSH	
							Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Type	No.											
MCSH	6.5	6.5	60.5	27	7.2	4.5	99	99	-	-	-	-
MCSHS	8	8	72.5	30	9	5	103	100	-	-	-	-
MCHSH	6.3	6.3	77	27	7.2	4.5	-	-	-	-	-	-
	9.5	9.5	79	32	11.3	7.5	-	-	-	-	-	-
	12.7	12.7	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	EN 1.4305 Equiv.	-

Part Number Table:

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

☞ 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 Table:

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

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

Specifications	
Type	Sockets
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 (Only socket has valve structure)

Tapped

Type	Material	Surface Treatment
Standard	Steel	Chrome Plating
MCSF	EN 1.4305 Equiv.	-

Part Number Table:

Part Number	Thread Dia. T	L	Wrench Flats H	Mass (g)	Unit Price	Volume Discount Rate
Type	No.					
MCSF	20	Rc 1 / 4	49.5	19	95	98
MCSFS	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	-	-
	30	Rc 3 / 8	55.5	22	-	-
	40	Rc 1 / 2	57.5	29	-	-

* MCSFS is for Ø25.4.

Part Number	Thread Dia. T	L	Wrench Flats H	Mass (g)	MCSF		MCSFS		MCHSF	
					Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Type	No.									
MCSF	20	Rc 1 / 4	49.5	19	95	98	-	-	-	-
MCSFS	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 Table:

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

☞ 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 Table:

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

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

Tapped (Locking Mechanism built-in)

Type	Material	Surface Treatment
MCSTFN	Steel	Nickel Plating

Part Number Table:

Part Number	Thread Dia. T	(L)	H	Mass (g)	Unit Price	Volume Discount Rate
Type	No.					
MCSTFN	20	Rc 1 / 4	57.5	19	94	1-4 pc(s)
	30	Rc 3 / 8	55.5	22	103	5-20
	40	Rc 1 / 2	57.5	29	138	5-20

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

Ordering Example
Part Number
MCSCS10