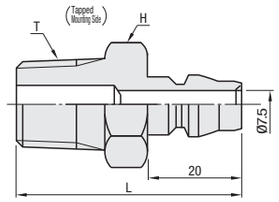
Air Couplers - Plugs

Standard Type

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

Male Threaded

Type	Material	Surface Treatment
MCPM	Steel	Chrome Plating
MCPMS	SUS303	-

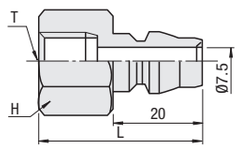


Part Number Type	No.	Thread Dia. T	L	Wrench Flats H	Mass (g) MCPM	Mass (g) MCPMS	MCPM Unit Price 1~29 pc(s).	MCPM Volume Discount Rate 30~50	MCPMS Unit Price 1~9 pc(s).	MCPMS Volume Discount Rate 10~30
MCPM MCPMS	20	R 1 / 4	41	14	25	27				
	30	R 3 / 8	42	19	43	40				
	40	R 1 / 2	46	22	59	62				

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

Tapped

Type	Material	Surface Treatment
MCPF	Steel	Chrome Plating
MCPFS	SUS303	-

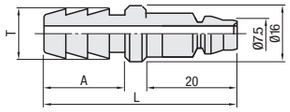


Part Number Type	No.	Thread Dia. T	L	Wrench Flats H	Mass (g) MCPF	Mass (g) MCPFS	MCPF Unit Price 1~29 pc(s).	MCPF Volume Discount Rate 30~50	MCPFS Unit Price 1~29 pc(s).	MCPFS Volume Discount Rate 30~50
MCPF MCPFS	20	Rc 1 / 4	36	17	28	30				
	30	Rc 3 / 8	37	21	39	41				
	40	Rc 1 / 2	38	29	70	69				

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

Hose Mounting

Type	Material	Surface Treatment
MCPH	Steel	Chrome Plating
MCPHS	SUS303	-

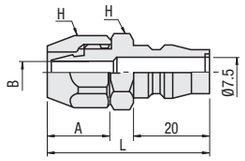


Part Number Type	No.	Applicable Hose I.D. (mm)	L	A	T	Mass (g) MCPH	Mass (g) MCPHS	MCPH Unit Price 1~29 pc(s).	MCPH Volume Discount Rate 30~50	MCPHS Unit Price 1~9 pc(s).	MCPHS Volume Discount Rate 10~30
MCPH MCPHS	6.5	6.5	54	27	7.2	24	26			-	-
	8	8	57	30	9	28					

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

Nut Tightening

Type	Material	Surface Treatment
MCPCN	Steel	Chrome Plating



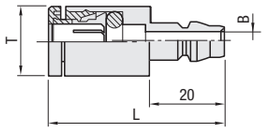
Part Number Type	No.	L	A	B	H	Mass (g)	Unit Price 1 ~ 29 pc(s).	Volume Discount Rate 30~50
MCPCN	8	43	17	4.5	17	30		
	10	43	17	5.3	17	42		
	12	45	19	7.5	19	50		

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.

One-Touch Coupling

Type	Material	Surface Treatment
MCPC	Brass	Chrome Plating
MCPCS	SUS303	-



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

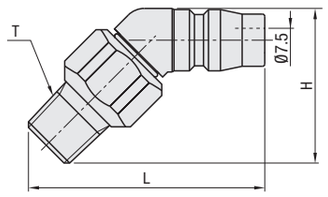
When MCPC is used in combination with tube, select the same number as that of the tube O.D.

Values in ( ) are for MCPCS.

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

Male Threaded (Rotary Type)

Type	Material	Surface Treatment
MCPRM	Steel	Nickel Plating



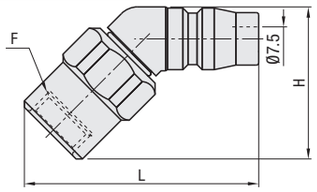
Part Number Type	No.	Thread Dia. T	L	H	Mass (g)	Unit Price 1 ~ 4 pc(s).	Volume Discount Rate 5~20
MCPRM	20	R 1 / 4	52.1	34.1	52		
	30	R 3 / 8	50.8	32.8	73		

Rotary function allows 360° rotation.

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 1 ~ 4 pc(s).	Volume Discount Rate 5~20
MCPRF	20	G 1 / 4	51.3	33.3	57		

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

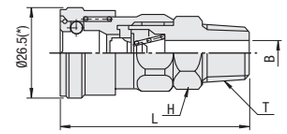
Air Couplers - Sockets

Standard Type

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

Male Threaded

Type Standard	Type High Flow Rate	Material	Surface Treatment
MCSM	MCHSM	Steel	Chrome Plating
MCSMS	-	SUS303	-



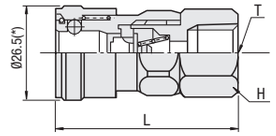
* MCSMS is for Ø25.4.

Part Number Type	No.	Thread Dia. T	L	Wrench Flats H	I.D. B	Mass (g) MCSM	Mass (g) MCSMS	Mass (g) MCHSM	MCSM Unit Price 1~29 pc(s).	MCSM Volume Discount Rate 30~50	MCSMS Unit Price 1~9 pc(s).	MCSMS Volume Discount Rate 10~30	MCHSM Unit Price 1~9 pc(s).	MCHSM Volume Discount Rate 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.

Tapped

Type Standard	Type High Flow Rate	Material	Surface Treatment
MCSF	MCHSF	Steel	Chrome Plating
MCSFS	-	SUS303	-



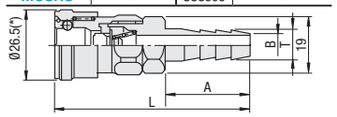
* MCSFS is for Ø25.4.

Part Number Type	No.	Thread Dia. T	L	Wrench Flats H	Mass (g) MCSF	Mass (g) MCSFS	Mass (g) MCHSF	MCSF Unit Price 1~29 pc(s).	MCSF Volume Discount Rate 30~50	MCSFS Unit Price 1~29 pc(s).	MCSFS Volume Discount Rate 30~50	MCHSF Unit Price 1~29 pc(s).	MCHSF Volume Discount Rate 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.

Hose Mounting

Type Standard	Type High Flow Rate	Material	Surface Treatment
MCSH	MCHSH	Steel	Chrome Plating
MCSHS	-	SUS303	-



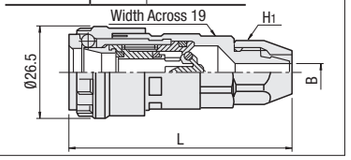
* MCSHS is for Ø25.4.

Part Number Type	No.	Applicable Hose I.D. (mm)	L	A	T	I.D. B	Mass (g) MCSH	Mass (g) MCSHS	Mass (g) MCHSH	MCSH Unit Price 1~29 pc(s).	MCSH Volume Discount Rate 30~50	MCSHS Unit Price 1~4 pc(s).	MCSHS Volume Discount Rate 5~20	MCHSH Unit Price 1~29 pc(s).	MCHSH Volume Discount Rate 30~50
MCSH MCSHS	6.5	6.5	69.5	27	7.2	4.5	99	99	-			-	-	-	-
	8	8	72.5	30	9	5	103	100	-					-	-
MCHSH	6.3	6.3	77	27	7.2	4.5	-	-	86	-	-	-	-		
	9.5	9.5	79	32	11.3	7.5	-	-	92	-	-	-	-		
	12.7	12.7	79.5	32	15	10	-	-	104	-	-	-	-		

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

Nut Tightening

Type	Material	Surface Treatment
MCSCN	Steel	Chrome Plating



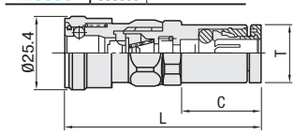
Part Number Type	No.	L	B	H1	Mass (g)	Unit Price 1 ~ 29 pc(s).	Volume Discount Rate 30~50
MCSCN	8	64.5	4.5	17	105		
	10	64.5	5.3	17	106		
	12	65.5	7.5	19	112		

Select the same number as that of the tube O.D.

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

One-Touch Coupling

Type	Material	Surface Treatment
MCSC	Brass	Chrome Plating
MCSCS	SUS303	-



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

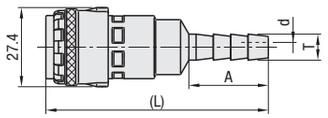
Dimensions in ( ) are for MCSCS.

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

Select the same number as that of the tube O.D.

Tube Connecting (Locking Mechanism built-in)

Type	Material	Surface Treatment
MCSTH	Steel	Nickel Plating

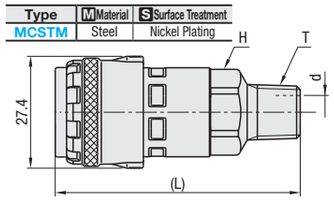


Part Number Type	No.	(L)	A	T	d	Mass (g)	Unit Price 1 ~ 4 pc(s).	Volume Discount Rate 5~20
MCSTH	20	77	27.5	9	5	90		
	30	79	32	11.3	7.5	92		
	40	79.5	32	15	10	104		

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

Male Threaded (Locking Mechanism built-in)

Type	Material	Surface Treatment
MCSTM	Steel	Nickel Plating

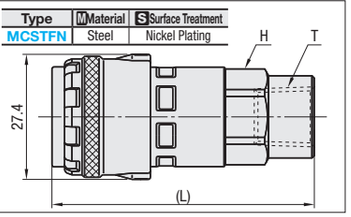


Part Number Type	No.	Thread Dia. T	(L)	H	d	Mass (g)	Unit Price 1 ~ 4 pc(s).	Volume Discount Rate 5~20
MCSTM	20	R 1 / 4	60	19	7.5	89		
	30	R 3 / 8	60.5	19	10	91		
	40	R 1 / 2	56	24	13	102		

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

Tapped (Locking Mechanism built-in)

Type	Material	Surface Treatment
MCSTFN	Steel	Nickel Plating



Part Number Type	No.	Thread Dia. T	(L)	H	Mass (g)	Unit Price 1 ~ 4 pc(s).	Volume Discount Rate 5~20
MCSTFN	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.

Specifications

Type	Sockets	Sockets - High Flow Rate Type
Applicable Fluid	Air / Water (SUS Type)	Air
Operating Temperature Range	-20~80°C	-20~60°C
Max. Operating Pressure	1.5MPa	1.5MPa

Type	Sockets	Sockets - High Flow Rate Type
Pressure Resistant	2.0MPa	2.0MPa
Seal Material	Nitrile Rubber	
Structure of Valve	Single Passage Opening Closing Type (Only socket has valve structure)	

Ordering Example

Part Number
MCSCS10