

# Series MS

## Industrial Interchange



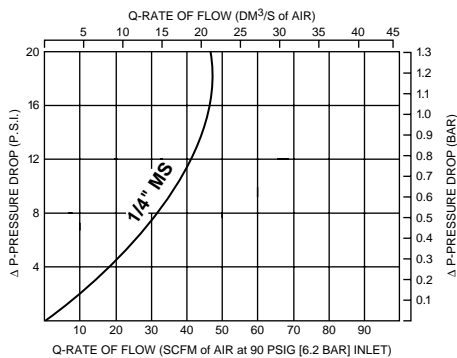
The MS Series is an economical automatic-type one-way shutoff coupler that provides the ease of push-to-connect use. With steel pins securing the mating connector, the MS Series is available in 1/4" capacity and conforms to MIL-C-4109 dimensional requirements.

### Features

- Average Flow:  
36 cfm at 90 PSIG (6.2 BAR) inlet  
10 PSIG (0.69 BAR) pressure drop
- Temperature Range:  
-40°F to 200°F (-40°C to 93°C)
- Maximum Inlet Pressure:  
250 PSIG (17 BAR)

### Operating Pressure

Series	PSI	BAR
MS	250	17



PART DESCRIPTION	STANDARD MATERIAL
Socket Body	Carbon Steel
Socket Sleeve	Carbon Steel
Socket Sleeve Spring	Hard Drawn Steel Wire
Socket Ends	Carbon Steel
Socket Valve	Carbon Steel
Socket Valve Spring	Hard Drawn Steel Wire
Socket Valve Washer	Buna-N
Socket Locking Pins	Alloy Steel
Plug Body	Carbon Steel

## 1/4" MS Series - Any 1/4" Socket will work with any 1/4" Plug

### Male End Connections

#### SOCKET

Body Size	Part No. Steel	Thread Size
1/4"	MSCM22-000	1/4" NPT
1/4"	MSCM23-000	3/8" NPT



#### PLUG

Body Size	Part No. Steel	Male End Connections
1/4"	12	1/8" NPT
1/4"	10	1/4" NPT
1/4"	14	3/8" NPT



### Female End Connections

#### SOCKET

Body Size	Part No. Steel	Thread Size
1/4"	MSCF22-000	1/4" NPT
1/4"	MSCF23-000	3/8" NPT



#### PLUG

Body Size	Part No. Steel	Female End Connections
1/4"	13	1/8" NPT
1/4"	11	1/4" NPT
1/4"	15	3/8" NPT



### Hose Stem End Connections

#### SOCKET

Body Size	Part No. Steel	Hose I.D.
1/4"	MSCH22-000	1/4"
1/4"	MSCH23-000	3/8"



#### PLUG

Body Size	Part No. Steel	Hose I.D.
1/4"	16	1/4"
1/4"	17	3/8"



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