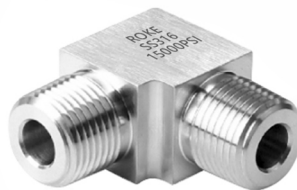


Medium and High Pressure Fittings



ROKE

Valves ,Fittings and Tubing

www.chinaroke.com

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Medium & High Pressure Fittings

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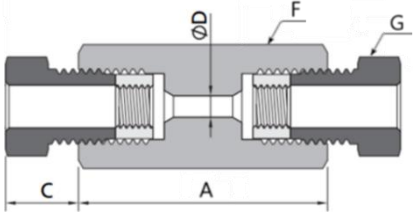
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Medium Pressure Fittings (20,000 psig /1378 bar)

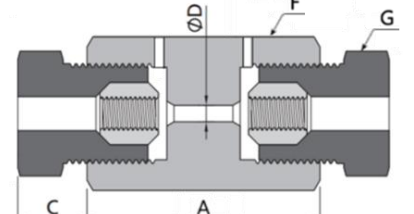
High Pressure Fittings (60,000 psig /4134 bar)

Couplings

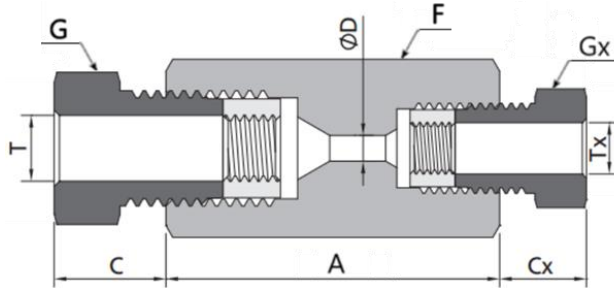
20,000 psig (1378 bar)

	Tube OD In.	Ordering NO.	Dimensions in.(mm)				
			A	C	D	F (Hex)	G (Hex)
	1/4	-MPC-T04	1.61 (40.9)	0.38 (9.7)	0.11 (2.8)	0.75 (19.1)	0.50 (12.7)
	3/8	-MPC-T06	1.75 (44.5)	0.44 (11.2)	0.20 (5.1)	0.75 (19.1)	0.63 (15.9)
	9/16	-MPC-T09	2.14 (54.3)	0.55 (14.0)	0.31 (7.9)	1.00 (25.4)	0.94 (23.8)
	3/4	-MPC-T12	2.50 (63.5)	0.60 (15.2)	0.44 (11.1)	1.38 (34.9)	1.19 (30.2)
	1	-MPC-T16	3.50 (88.9)	0.74 (18.8)	0.56 (14.3)	1.75 (44.5)	1.38 (34.9)

60,000 psig (4134 bar)

	Tube OD In.	Ordering NO.	Dimensions in.(mm)				
			A	C	D	F (Hex)	G (Hex)
	1/4	-HPC-T04	1.38 (35.1)	0.47 (11.9)	0.09 (2.3)	0.75 (19.1)	0.63 (15.9)
	3/8	-HPC-T06	1.75 (44.5)	0.61 (15.6)	0.13 (3.2)	1.00 (25.4)	0.87 (22.2)
	9/16	-HPC-T09	2.30 (58.9)	0.95 (24.1)	0.19 (4.8)	1.38 (34.9)	1.19 (30.2)

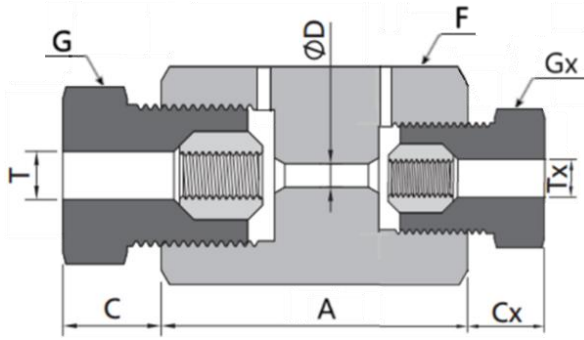
Reducing Couplings



20,000 psig (1378 bar)

T-Tube OD In.	Tx-Tube OD In.	Ordering NO.	Dimensions in.(mm)						
			A	C	Cx	D	F (Hex)	G (Hex)	Gx (Hex)
3/8	1/4	-MPR-T06-T04	1.75 (44.5)	0.48 (12.2)	0.38 (9.7)	0.11 (2.8)	0.75 (19.1)	0.63 (15.9)	0.50 (12.7)
9/16	1/4	-MPR-T09-T04	2.00 (50.8)	0.55 (14.0)	0.38 (9.7)	0.11 (2.8)	1.00 (25.4)	0.94 (23.8)	0.50 (12.7)
9/16	3/8	-MPR-T09-T06	2.00 (50.8)	0.55 (14.0)	0.48 (12.2)	0.20 (5.1)	1.00 (25.4)	0.94 (23.8)	0.63 (15.9)
3/4	1/4	-MPR-T12-T04	2.25 (57.2)	0.59 (15.0)	0.38 (9.7)	0.11 (2.8)	1.38 (34.9)	1.19 (30.2)	0.50 (12.7)
3/4	3/8	-MPR-T12-T06	2.25 (57.2)	0.59 (15.0)	0.48 (12.2)	0.20 (5.1)	1.38 (34.9)	1.19 (30.2)	0.63 (15.9)
3/4	9/16	-MPR-T12-T09	2.50 (63.5)	0.59 (15.0)	0.55 (14.0)	0.31 (7.9)	1.38 (34.9)	1.19 (30.2)	0.94 (23.8)
1	1/4	-MPR-T16-T04	2.75 (70.1)	0.74 (18.8)	0.38 (9.7)	0.11 (2.8)	1.75 (44.5)	1.38 (34.9)	0.50 (12.7)
1	3/8	-MPR-T16-T06	2.88 (73.0)	0.74 (18.8)	0.48 (12.2)	0.20 (5.1)	1.75 (44.5)	1.38 (34.9)	0.63 (15.9)
1	9/16	-MPR-T16-T09	3.00 (76.2)	0.74 (18.8)	0.55 (14.0)	0.31 (7.9)	1.75 (44.5)	1.38 (34.9)	0.94 (23.8)
1	3/4	-MPR-T16-T12	3.00 (76.2)	0.74 (18.8)	0.59 (15.0)	0.44 (11.1)	1.75 (44.5)	1.38 (34.9)	1.19 (30.2)

Reducing Couplings



60,000 psig (4134 bar)

T-Tube OD In.	Tx-Tube OD In.	Ordering NO.	Dimensions in.(mm)						
			A	C	Cx	D	F (Hex)	G (Hex)	Gx (Hex)
3/8	1/4	-HPR-T06-T04	1.63 (41.3)	0.61 (15.6)	0.47 (11.9)	0.09 (2.3)	1.00 (25.4)	0.81 (20.6)	0.63 (15.9)
9/16	1/4	-HPR-T09-T04	1.75 (44.5)	0.95 (24.1)	0.47 (11.9)	0.09 (2.3)	1.38 (34.9)	1.19 (30.2)	0.63 (15.9)
9/16	3/8	-HPR-T09-T06	2.00 (50.8)	0.95 (24.1)	0.61 (15.6)	0.13 (3.2)	1.38 (34.9)	1.19 (30.2)	0.81 (20.6)

Elbows

20,000 psig (1378 bar)

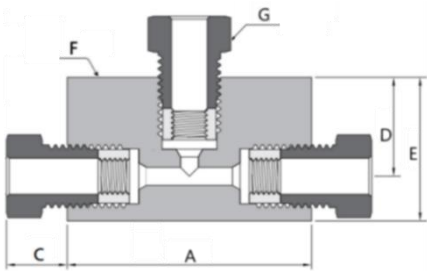
Tube OD In.	Ordering NO.	Dimensions in.(mm)						
		A	B	C	D	E	F (Thk.)	G (Hex)
1/4	-MPE-T04	1.12 (28.4)	0.75 (19.1)	0.38 (9.7)	0.75 (19.1)	1.12 (28.4)	0.63 (15.9)	0.50 (12.7)
3/8	-MPE-T06	1.38 (34.9)	1.00 (25.4)	0.44 (11.2)	1.00 (25.4)	1.38 (34.9)	0.75 (19.1)	0.63 (15.9)
9/16	-MPE-T09	1.75 (44.5)	1.25 (31.8)	0.55 (14.0)	1.25 (31.8)	1.75 (44.5)	1.00 (25.4)	0.94 (23.8)
3/4	-MPE-T12	2.25 (57.2)	1.50 (38.1)	0.60 (15.2)	1.50 (38.1)	2.25 (57.2)	1.38 (34.9)	1.19 (30.2)
1	-MPE-T16	3.00 (76.2)	2.06 (52.3)	0.74 (18.8)	2.06 (52.3)	3.00 (76.2)	1.75 (44.5)	1.38 (34.9)

60,000 psig (4134 bar)

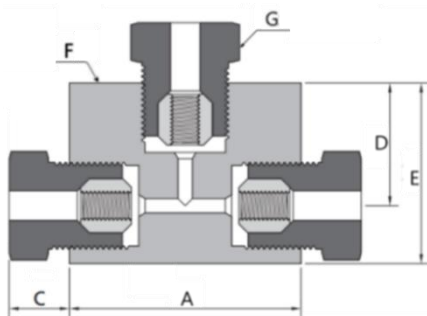
Tube OD In.	Ordering NO.	Dimensions in.(mm)						
		A	B	C	D	E	F (Thk.)	G (Hex)
1/4	-HPE-T04	1.50 (38.1)	0.88 (22.4)	0.47 (11.9)	0.62 (15.7)	1.00 (25.4)	0.75 (19.1)	0.63 (15.9)
3/8	-HPE-T06	2.00 (50.8)	1.25 (31.8)	0.61 (15.6)	1.00 (25.4)	1.50 (38.1)	1.00 (25.4)	0.81 (20.6)
9/16	-HPE-T09	2.62 (66.5)	1.88 (47.8)	0.95 (24.1)	1.12 (28.4)	1.88 (47.8)	1.38 (34.9)	1.19 (30.2)

Tees

20,000 psig (1378 bar)

	Tube OD In.	Ordering NO.	Dimensions in.(mm)					
			A	C	D	E	F (Thk.)	G (Hex)
	1/4	-MPT-T04	1.50 (38.1)	0.38 (9.7)	0.75 (19.1)	1.12 (28.4)	0.63 (15.9)	0.50 (12.7)
	3/8	-MPT-T06	2.00 (50.8)	0.44 (11.2)	1.00 (25.4)	1.38 (34.9)	0.75 (19.1)	0.63 (15.9)
	9/16	-MPT-T09	2.50 (63.5)	0.55 (14.0)	1.25 (31.8)	1.75 (44.5)	1.00 (25.4)	0.94 (23.8)
	3/4	-MPT-T12	3.00 (76.2)	0.60 (15.2)	1.50 (38.1)	2.25 (57.2)	1.38 (34.9)	1.19 (30.2)
	1	-MPT-T16	4.12 (105)	0.74 (18.8)	2.06 (52.3)	3.00 (76.2)	1.75 (44.5)	1.38 (34.9)

60,000 psig (4134 bar)

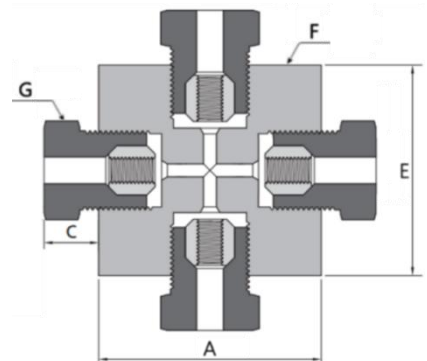
	Tube OD In.	Ordering NO.	Dimensions in.(mm)					
			A	C	D	E	F (Thk.)	G (Hex)
	1/4	-HPT-T04	2.00 (50.8)	0.47 (11.9)	0.88 (22.4)	1.25 (31.8)	0.75 (19.1)	0.63 (15.9)
	3/8	-HPT-T06	2.00 (50.8)	0.61 (15.6)	1.06 (27.0)	1.56 (39.6)	1.00 (25.4)	0.81 (20.6)
	9/16	-HPT-T09	2.62 (66.5)	0.95 (24.1)	1.38 (34.9)	2.12 (53.8)	1.38 (34.9)	1.19 (30.2)

Crosses

20,000 psig (1378 bar)

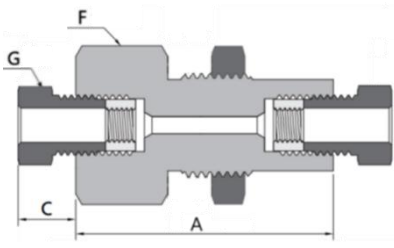
Tube OD In.	Ordering NO.	Dimensions in.(mm)				
		A	C	E	F (Thk.)	G (Hex)
1/4	-MPX-T04	1.50 (38.1)	0.38 (9.7)	1.50 (38.1)	0.63 (15.9)	0.50 (12.7)
3/8	-MPX-T06	2.00 (50.8)	0.44 (11.2)	2.00 (50.8)	0.75 (19.1)	0.63 (15.9)
9/16	-MPX-T09	2.50 (63.5)	0.55 (14.0)	2.50 (63.5)	1.00 (25.4)	0.94 (23.8)
3/4	-MPX-T12	3.00 (76.2)	0.60 (15.2)	3.00 (76.2)	1.38 (34.9)	1.19 (30.2)
1	-MPX-T16	4.12 (105)	0.74 (18.8)	4.12 (105)	1.75 (44.5)	1.38 (34.9)

60,000 psig (4134 bar)

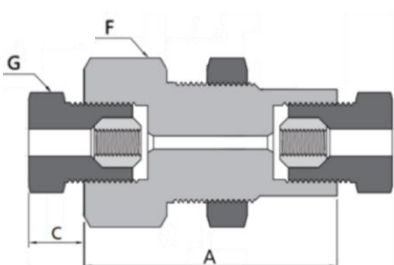
	Tube OD In.	Ordering NO.	Dimensions in.(mm)				
			A	C	E	F (Thk.)	G (Hex)
	1/4	-HPX-T04	2.00 (50.8)	0.47 (11.9)	1.25 (31.8)	0.75 (19.1)	0.63 (15.9)
	3/8	-HPX-T06	2.00 (50.8)	0.61 (15.6)	2.12 (53.8)	1.00 (25.4)	0.81 (20.6)
	9/16	-HPX-T09	2.62 (66.5)	0.95 (24.1)	2.75 (69.8)	1.38 (34.9)	1.19 (30.2)

Bulkheads

20,000 psig (1378 bar)

	Tube OD In.	Ordering NO.	Dimensions in.(mm)					
			A	C	F (Hex)	G (Hex)	Panel Hole Size	Panel Thk.
	1/4	-MPB-T04	1.88 (47.8)	0.38 (9.7)	1.00 (25.4)	0.50 (12.7)	0.81 (20.6)	0.38 (9.7)
	3/8	-MPB-T06	2.00 (50.8)	0.44 (11.2)	1.06 (27.0)	0.63 (15.9)	0.94 (23.9)	0.38 (9.7)
	9/16	-MPB-T09	2.38 (60.5)	0.55 (14.0)	1.38 (34.9)	0.94 (23.8)	1.13 (28.6)	0.38 (9.7)
	3/4	-MPB-T12	2.62 (66.5)	0.60 (15.2)	1.88 (47.6)	1.19 (30.2)	1.69 (42.9)	0.38 (9.7)
	1	-MPB-T16	3.502 (88.9)	0.74 (18.8)	2.13 (54.0)	1.38 (34.9)	1.94 (49.3)	0.38 (9.7)

60,000 psig (4134 bar)

	Tube OD In.	Ordering NO.	Dimensions in.(mm)					
			A	C	F (Hex)	G (Hex)	Panel Hole Size	Panel Thk.
	1/4	-HPB-T04	1.88 (47.8)	0.47 (11.9)	1.06 (27.0)	0.63 (15.9)	0.94 (23.9)	0.38 (9.7)
	3/8	-HPB-T06	2.38 (60.5)	0.61 (15.6)	1.38 (34.9)	0.81 (20.6)	1.13 (28.6)	0.38 (9.7)
	9/16	-HPB-T09	2.75 (69.9)	0.95 (24.1)	1.88 (47.6)	1.19 (30.2)	1.65 (42.9)	0.38 (9.7)

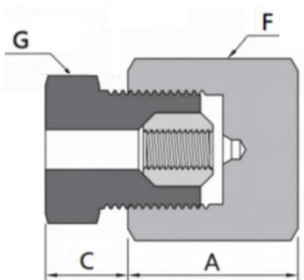
Caps

20,000 psig (1378 bar)

The diagram illustrates a cross-section of a 20,000 psig cap assembly. It features a central threaded plug with a hexagonal base (labeled F) and a hexagonal flange (labeled G). The plug is seated within a cap body. Dimension C represents the length of the plug's threaded section, and dimension A represents the total length of the cap body. The plug has a conical tip at its end.

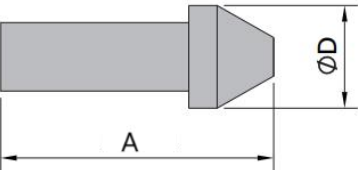
Tube OD In.	Ordering NO.	Dimensions in.(mm)			
		A	C	F (Hex)	G (Hex)
1/4	-MCP-T04	0.81 (20.6)	0.38 (9.7)	0.63 (15.9)	0.50 (12.7)
3/8	-MCP-T06	1.13 (28.6)	0.44 (11.2)	0.75 (19.1)	0.63 (15.9)
9/16	-MCP-T09	1.38 (34.9)	0.55 (14.0)	1.00 (25.4)	0.94 (23.8)
3/4	-MCP-T12	1.75 (44.5)	0.60 (15.2)	1.38 (34.9)	1.19 (30.2)
1	-MCP-T16	2.25 (57.2)	0.74 (18.8)	1.75 (44.5)	1.38 (34.9)

60,000 psig (4134 bar)

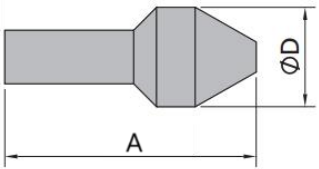
	Tube OD	Ordering	Dimensions in.(mm)			
	In.	NO.	A	C	F (Hex)	G (Hex)
	1/4	-HCP-T04	0.75 (19.1)	0.47 (11.9)	0.75 (19.1)	0.63 (15.9)
	3/8	-HCP-T06	1.13 (28.6)	0.61 (15.6)	1.00 (25.4)	0.81 (20.6)
9/16	-HCP-T09	1.38 (34.9)	0.95 (24.1)	1.38 (34.9)	1.19 (30.2)	

Plugs

20,000 psig (1378 bar)

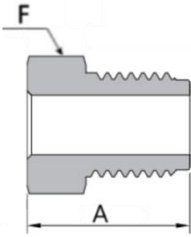
	Tube OD In.	Ordering NO.	Dimensions in.(mm)	
			A	D
	1/4	-MPP-T04	0.94 (23.8)	0.38 (9.7)
	3/8	-MPP-T06	1.18 (30.0)	0.47 (11.9)
	9/16	-MPP-T09	1.40 (35.6)	0.72 (18.3)
	3/4	-MPP-T12	1.69 (42.9)	0.94 (23.8)
	1	-MPP-T16	2.20 (55.9)	1.25 (31.8)

60,000 psig (4134 bar)

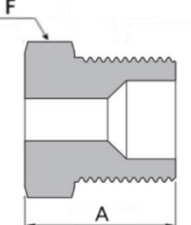
	Tube OD In.	Ordering NO.	Dimensions in.(mm)	
			A	D
	1/4	-HPP-T04	1.04 (26.4)	0.38 (9.7)
	3/8	-HPP-T06	1.35 (34.3)	0.50 (12.7)
	9/16	-HPP-T09	1.89 (48.0)	0.81 (20.6)

Glands

20,000 psig (1378 bar)

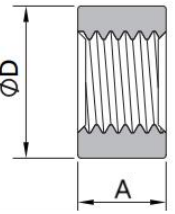
	Tube OD In.	Ordering NO.	Dimensions in.(mm)	
			A	F (Hex)
	1/4	-MPG-T04	0.58 (14.7)	0.50 (12.7)
	3/8	-MPG-T06	0.73 (18.5)	0.63 (15.9)
	9/16	-MPG-T09	0.88 (22.4)	0.94 (23.8)
	3/4	-MPG-T12	1.00 (25.4)	1.19 (30.2)
	1	-MPG-T16	1.38 (35.1)	1.38 (34.9)

60,000 psig (4134 bar)

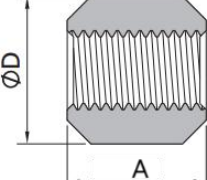
	Tube OD In.	Ordering NO.	Dimensions in.(mm)	
			A	F (Hex)
	1/4	-HPG-T04	0.82 (20.8)	0.63 (15.9)
	3/8	-HPG-T06	1.13 (28.7)	0.81 (20.6)
	9/16	-HPG-T09	1.50 (38.1)	1.19 (30.2)

Collars

20,000 psig (1378 bar)

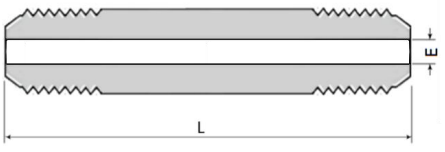
	Tube OD In.	Ordering NO.	Dimensions in.(mm)	
			A	D
	1/4	-MCL-T04	0.22 (5.6)	0.38 (9.7)
	3/8	-MCL-T06	0.25 (6.4)	0.47 (11.9)
	9/16	-MCL-T09	0.31 (27.9)	0.72 (18.3)
	3/4	-MCL-T12	0.37 (9.4)	0.94 (23.8)
	1	-MCL-T16	0.50 (12.7)	1.25 (31.8)

60,000 psig (4134 bar)

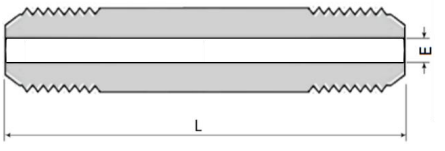
	Tube OD In.	Ordering NO.	Dimensions in.(mm)	
			A	D
	1/4	-HCL-T04	0.38 (9.7)	0.38 (9.7)
	3/8	-HCL-T06	0.54 (13.7)	0.50 (12.7)
	9/16	-HCL-T09	0.62 (15.8)	0.81 (20.6)

Tube Nipples for Cone and Thread Products

20,000 psig (1378 bar)

	Tube OD In.	Ordering NO.	Dimensions in.(mm)		
			E	L (min)	Tube Engagement Length
	-MTN-T04	1/4	0.11 (2.8)	2.00 (50.8)	0.56 (14.2)
	-MTN-T06	3/8	0.20 (5.1)	2.50 (63.5)	0.69 (17.5)
	-MTN-T09	9/16	0.31 (7.9)	3.00 (76.2)	0.84 (21.3)
	-MTN-T12	3/4	0.44 (11.1)	3.25 (82.6)	1.00 (25.4)
	-MTN-T16	1	0.56 (14.3)	4.50 (114)	1.47 (37.3)

60,000 psig (4134 bar)

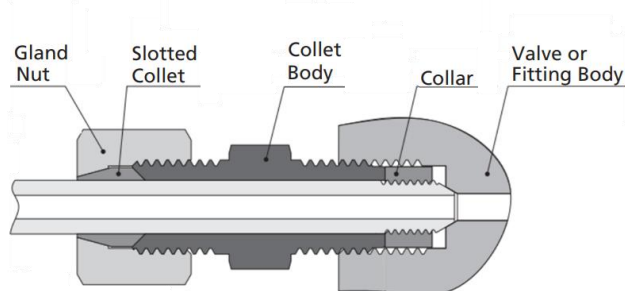
	Tube OD In.	Ordering NO.	Dimensions in.(mm)		
			E	L (min)	Tube Engagement Length
	-HTN-T04	1/4	0.09 (2.3)	2.75 (69.8)	0.50 (12.7)
	-HTN-T06	3/8	0.13 (3.2)	3.00 (76.2)	0.69 (17.5)
	-HTN-T09	9/16	0.19 (4.8)	4.00 (101.6)	0.88 (22.4)

Anti-Vibration Gland Assemblies

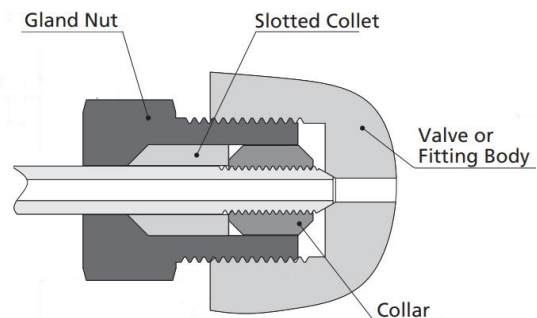
Tubing systems may be subject to extreme vibration or shock. In such applications, these assemblies provide the same reliable connection as glands to essentially prolong vibrational fatigue life.

A complete ordering number for anti-vibration gland assembly includes:

- 20,000 psig: Gland Nut, Slotted Collet and Collet Body.
- 60,000 psig: Gland Nut, Slotted Collet .

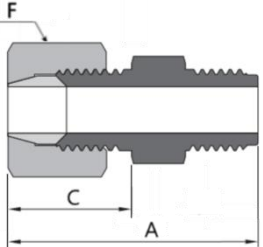


20,000 psig

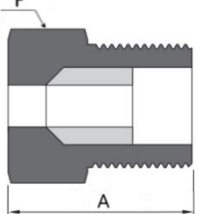


60,000 psig

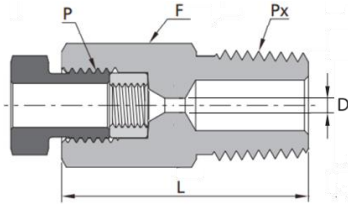
20,000 psig (1378 bar)

	Tube OD In.	Ordering NO.	Dimensions in.(mm)		
			A	C	F (Hex)
	1/4	-MVG-T04	1.24 (31.6)	1.05 (26.7)	0.63 (15.9)
	3/8	-MVG-T06	1.50 (38.1)	1.22 (30.9)	0.81 (20.6)
	9/16	-MVG-T09	1.78 (45.2)	1.42 (36.0)	0.94 (23.8)
	3/4	-MVG-T12	2.00 (50.8)	1.61 (40.8)	1.38 (34.9)
	1	-MVG-T16	2.38 (60.5)	1.74 (44.3)	1.50 (38.1)

60,000 psig (4134 bar)

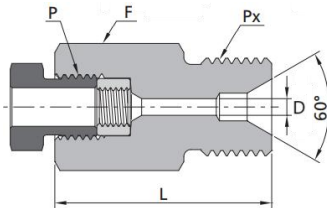
	Tube OD In.	Ordering NO.	Dimensions in.(mm)	
			A	F (Hex)
	1/4	-HVG-T04	0.81 (20.6)	0.63 (15.9)
	3/8	-HVG-T06	1.12 (28.4)	0.81 (20.6)
	9/16	-HVG-T09	1.50 (38.1)	1.19 (30.2)

Female Medium Pressure to Male NPT



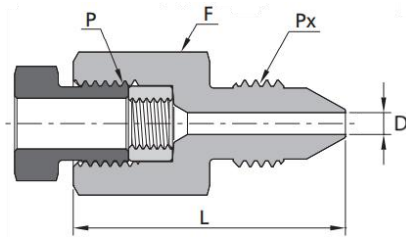
P Medium Pressure	Px NPT	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	1/8	-MTM-M04-MN2	1.19 (30.2)	0.11 (2.8)	0.63 (15.9)	15000 (1034)
1/4	1/4	-MTM-M04-MN4	1.37 (34.9)	0.11 (2.8)	0.63 (15.9)	15000 (1034)
1/4	3/8	-MTM-M04-MN6	1.37 (34.9)	0.11 (2.8)	0.69 (17.5)	15000 (1034)
1/4	1/2	-MTM-M04-MN8	1.37 (34.9)	0.11 (2.8)	0.87 (22.2)	15000 (1034)
3/8	1/8	-MTM-M06-MN2	1.37 (34.9)	0.20 (5.1)	0.75 (19.1)	15000 (1034)
3/8	1/4	-MTM-M06-MN4	1.50 (38.1)	0.20 (5.1)	0.75 (19.1)	15000 (1034)
3/8	3/8	-MTM-M06-MN6	1.50 (38.1)	0.20 (5.1)	0.75 (19.1)	15000 (1034)
3/8	1/2	-MTM-M06-MN8	1.75 (44.5)	0.20 (5.1)	0.87 (22.2)	15000 (1034)
3/8	3/4	-MTM-M06-MN12	2.00 (50.8)	0.20 (5.1)	1.06 (27.0)	10000 (690)
9/16	1/4	-MTM-M09-MN4	1.75 (44.5)	0.25 (6.4)	1.00 (25.4)	15000 (1034)
9/16	3/8	-MTM-M09-MN6	1.75 (44.5)	0.31 (7.9)	1.00 (25.4)	15000 (1034)
9/16	1/2	-MTM-M09-MN8	1.94 (49.2)	0.31 (7.9)	1.00 (25.4)	15000 (1034)
9/16	3/4	-MTM-M09-MN12	2.00 (50.8)	0.31 (7.9)	1.06 (27.0)	10000 (690)
9/16	1	-MTM-M09-MN16	2.25 (57.2)	0.31 (7.9)	1.38 (34.9)	10000 (690)
3/4	1/4	-MTM-M12-MN4	2.00 (50.8)	0.25 (6.4)	1.38 (34.9)	15000 (1034)
3/4	3/8	-MTM-M12-MN6	2.00 (50.8)	0.31 (7.9)	1.38 (34.9)	15000 (1034)
3/4	1/2	-MTM-M12-MN8	2.19 (55.6)	0.38 (9.6)	1.38 (34.9)	15000 (1034)
3/4	3/4	-MTM-M12-MN12	2.25 (57.2)	0.44 (11.1)	1.38 (34.9)	10000 (690)
3/4	1	-MTM-M12-MN16	2.63 (66.7)	0.44 (11.1)	1.38 (34.9)	10000 (690)
1	1/4	-MTM-M16-MN4	2.87 (73.0)	0.25 (6.4)	1.75 (44.5)	15000 (1034)
1	3/8	-MTM-M16-MN6	2.87 (73.0)	0.31 (7.9)	1.75 (44.5)	15000 (1034)
1	1/2	-MTM-M16-MN8	2.87 (73.0)	0.38 (9.6)	1.75 (44.5)	15000 (1034)
1	3/4	-MTM-M16-MN12	2.87 (73.0)	0.56 (14.3)	1.75 (44.5)	10000 (690)
1	1	-MTM-M16-MN16	3.06 (77.8)	0.56 (14.3)	1.75 (44.5)	10000 (690)

Female Medium Pressure to Male SAE



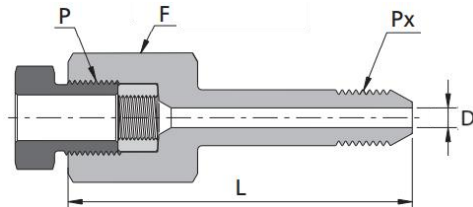
P Medium Pressure	Px UNF	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	9/16-18	-MTM-M04-MS9	1.19 (30.2)	0.09 (2.3)	0.63 (15.9)	20000 (1379)
1/4	3/4-16	-MTM-M04-MS12	1.31 (33.3)	0.11 (2.8)	0.75 (19.1)	20000 (1379)
1/4	7/8-14	-MTM-M04-MS14	1.50 (38.1)	0.11 (2.8)	1.00 (25.4)	20000 (1379)
3/8	9/16-18	-MTM-M06-MS9	1.37 (34.9)	0.09 (2.3)	0.75 (19.1)	20000 (1379)
3/8	3/4-16	-MTM-M06-MS12	1.50 (38.1)	0.09 (2.3)	0.75 (19.1)	20000 (1379)
3/8	7/8-14	-MTM-M06-MS14	1.75 (44.5)	0.15 (3.8)	1.00 (25.4)	20000 (1379)
9/16	9/16-18	-MTM-M09-MS9	1.69 (42.9)	0.09 (2.3)	1.00 (25.4)	20000 (1379)
9/16	3/4-16	-MTM-M09-MS12	1.81 (46.0)	0.29 (7.4)	1.00 (25.4)	20000 (1379)
9/16	7/8-14	-MTM-M09-MS14	1.94 (49.2)	0.15 (3.8)	1.00 (25.4)	20000 (1379)
9/16	1-12	-MTM-M09-MS16	1.81 (46.0)	0.31 (7.9)	1.00 (25.4)	20000 (1379)
3/4	7/8-14	-MTM-M12-MS14	2.19 (55.6)	0.15 (3.8)	1.38 (34.9)	20000 (1379)
3/4	1-12	-MTM-M12-MS16	2.13 (54.0)	0.39 (10.4)	1.38 (34.9)	20000 (1379)
3/4	1.5/16-12	-MTM-M12-MS21	2.00 (50.8)	0.44 (11.1)	1.38 (34.9)	20000 (1379)
1	1.5/16-12	-MTM-M16-MS21	2.56 (65.1)	0.56 (14.3)	1.75 (44.5)	20000 (1379)

Female Medium Pressure to Male Medium Pressure



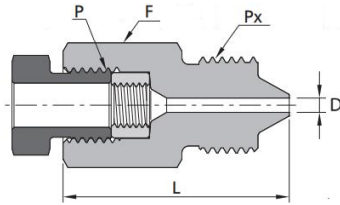
P Medium Pressure	Px Medium Pressure	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	1/4	-MTM-M04-M04	1.37 (34.9)	0.11 (2.8)	0.63 (15.9)	20000 (1379)
1/4	3/8	-MTM-M04-M06	1.50 (38.1)	0.11 (2.8)	0.63 (15.9)	20000 (1379)
1/4	9/16	-MTM-M04-M09	1.63 (41.3)	0.11 (2.8)	0.94 (23.8)	20000 (1379)
3/8	1/4	-MTM-M06-M04	1.69 (42.9)	0.11 (2.8)	0.75 (19.1)	20000 (1379)
3/8	3/8	-MTM-M06-M06	1.69 (42.9)	0.20 (5.1)	0.75 (19.1)	20000 (1379)
3/8	9/16	-MTM-M06-M09	1.87 (47.6)	0.20 (5.1)	0.94 (23.8)	20000 (1379)
3/8	3/4	-MTM-M06-M12	2.37 (60.3)	0.20 (5.1)	1.19 (30.2)	20000 (1379)
9/16	1/4	-MTM-M09-M04	1.94 (49.2)	0.11 (2.8)	1.00 (25.4)	20000 (1379)
9/16	3/8	-MTM-M09-M06	2.06 (52.4)	0.20 (5.1)	1.00 (25.4)	20000 (1379)
9/16	9/16	-MTM-M09-M09	2.13 (54.0)	0.31 (7.9)	1.00 (25.4)	20000 (1379)
9/16	3/4	-MTM-M09-M12	2.25 (57.2)	0.31 (7.9)	1.19 (30.2)	20000 (1379)
9/16	1	-MTM-M09-M16	2.50 (63.5)	0.31 (7.9)	1.50 (38.1)	20000 (1379)
3/4	1/4	-MTM-M12-M04	2.19 (55.6)	0.11 (2.8)	1.38 (34.9)	20000 (1379)
3/4	3/8	-MTM-M12-M06	2.31 (58.7)	0.20 (5.1)	1.38 (34.9)	20000 (1379)
3/4	9/16	-MTM-M12-M09	2.44 (61.9)	0.31 (7.9)	1.38 (34.9)	20000 (1379)
3/4	3/4	-MTM-M12-M12	2.56 (66.1)	0.44 (11.1)	1.50 (38.1)	20000 (1379)
3/4	1	-MTM-M12-M16	2.94 (74.6)	0.44 (11.1)	1.50 (38.1)	20000 (1379)
1	9/16	-MTM-M16-M09	3.06 (77.8)	0.31 (7.9)	1.75 (44.5)	20000 (1379)
1	3/4	-MTM-M16-M12	3.19 (81.0)	0.44 (11.1)	1.75 (44.5)	20000 (1379)
1	1	-MTM-M16-M16	3.50 (88.9)	0.56 (14.3)	1.75 (44.5)	20000 (1379)

Female Medium Pressure to Medium Pressure Coned and Threaded Nipples



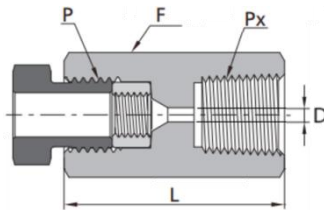
P Medium Pressure	Px Medium Pressure	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	1/4	-MTM-M04-MC04	1.63 (41.3)	0.11 (2.8)	0.63 (15.9)	20000 (1379)
1/4	3/8	-MTM-M04-MC06	1.88 (47.8)	0.11 (2.8)	0.63 (15.9)	20000 (1379)
1/4	9/16	-MTM-M04-MC09	2.09 (53.1)	0.11 (2.8)	0.63 (15.9)	20000 (1379)
3/8	1/4	-MTM-M06-MC04	1.89 (48.0)	0.11 (2.8)	0.75 (19.1)	20000 (1379)
3/8	3/8	-MTM-M06-MC06	2.14 (54.2)	0.20 (5.1)	0.75 (19.1)	20000 (1379)
3/8	9/16	-MTM-M06-MC09	2.35 (59.7)	0.20 (5.1)	0.75 (19.1)	20000 (1379)
9/16	1/4	-MTM-M09-MC04	2.20 (56.0)	0.11 (2.8)	1.00 (25.4)	20000 (1379)
9/16	3/8	-MTM-M09-MC06	2.46 (62.4)	0.20 (5.1)	1.00 (25.4)	20000 (1379)
9/16	9/16	-MTM-M09-MC09	2.67 (67.7)	0.31 (7.9)	1.00 (25.4)	20000 (1379)
9/16	3/4	-MTM-M09-MC12	2.91 (74.0)	0.31 (7.9)	1.00 (25.4)	20000 (1379)
9/16	1	-MTM-M09-MC16	3.45 (87.6)	0.31 (7.9)	1.13 (28.6)	20000 (1379)
3/4	9/16	-MTM-M12-MC09	2.94 (74.7)	0.31 (7.9)	1.38 (34.9)	20000 (1379)
3/4	3/4	-MTM-M12-MC12	3.19 (81.0)	0.44 (11.1)	1.38 (34.9)	20000 (1379)
3/4	1	-MTM-M12-MC16	3.72 (94.6)	0.44 (11.1)	1.38 (34.9)	20000 (1379)
1	9/16	-MTM-M16-MC09	3.49 (88.7)	0.31 (7.9)	1.75 (44.5)	20000 (1379)
1	3/4	-MTM-M16-MC12	3.74 (95.0)	0.44 (11.1)	1.75 (44.5)	20000 (1379)
1	1	-MTM-M16-MC16	4.27 (108.5)	0.56 (14.3)	1.75 (44.5)	20000 (1379)

Female Medium Pressure to Male High Pressure



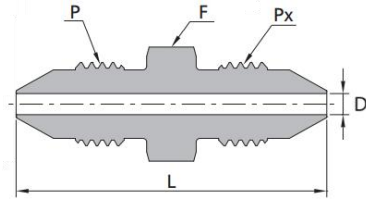
P Medium Pressure	Px High Pressure	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (六角)	
1/4	1/4	-MTM-M04-H04	1.31 (33.3)	0.09 (2.3)	0.63 (15.9)	20000 (1379)
1/4	3/8	-MTM-M04-H06	1.50 (38.1)	0.11 (2.8)	0.81 (20.6)	20000 (1379)
1/4	9/16	-MTM-M04-H09	1.63 (41.3)	0.11 (2.8)	1.19 (30.2)	20000 (1379)
3/8	1/4	-MTM-M06-H04	1.50 (38.1)	0.09 (2.3)	0.75 (19.1)	20000 (1379)
3/8	3/8	-MTM-M06-H06	1.69 (42.9)	0.13 (3.2)	0.81 (20.6)	20000 (1379)
3/8	9/16	-MTM-M06-H09	1.75 (44.5)	0.19 (4.8)	1.19 (30.2)	20000 (1379)
9/16	1/4	-MTM-M09-H04	1.81 (46.0)	0.09 (2.3)	1.00 (25.4)	20000 (1379)
9/16	3/8	-MTM-M09-H06	2.13 (54.0)	0.13 (3.2)	1.00 (25.4)	20000 (1379)
9/16	9/16	-MTM-M09-H09	2.13 (54.0)	0.19 (4.8)	1.19 (30.2)	20000 (1379)
3/4	1/4	-MTM-M12-H04	2.25 (57.2)	0.09 (2.3)	1.38 (34.9)	20000 (1379)
3/4	3/8	-MTM-M12-H06	2.50 (63.5)	0.13 (3.2)	1.38 (34.9)	20000 (1379)
3/4	9/16	-MTM-M12-H09	2.50 (63.5)	0.19 (4.8)	1.38 (34.9)	20000 (1379)
1	1/4	-MTM-M16-H04	2.94 (74.6)	0.09 (2.3)	1.75 (44.5)	20000 (1379)
1	3/8	-MTM-M16-H06	3.13 (79.4)	0.13 (3.2)	1.75 (44.5)	20000 (1379)
1	9/16	-MTM-M16-H09	3.19 (81.0)	0.19 (4.8)	1.75 (44.5)	20000 (1379)

Female Medium Pressure to Female NPT



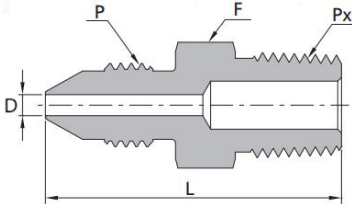
P Medium Pressure	Px NPT	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	1/8	-MTF-M04-FN2	1.37 (34.9)	0.11 (2.8)	0.63 (15.9)	15000 (1034)
1/4	1/4	-MTF-M04-FN4	1.63 (41.3)	0.11 (2.8)	0.94 (23.8)	15000 (1034)
1/4	3/8	-MTF-M04-FN6	1.63 (41.3)	0.11 (2.8)	1.13 (28.6)	15000 (1034)
1/4	1/2	-MTF-M04-FN8	2.00 (50.8)	0.11 (2.8)	1.38 (34.9)	15000 (1034)
3/8	1/8	-MTF-M06-FN2	1.50 (38.1)	0.20 (5.1)	0.75 (19.1)	15000 (1034)
3/8	1/4	-MTF-M06-FN4	1.75 (44.5)	0.20 (5.1)	0.94 (23.8)	15000 (1034)
3/8	3/8	-MTF-M06-FN6	1.81 (46.0)	0.20 (5.1)	1.13 (28.6)	15000 (1034)
3/8	1/2	-MTF-M06-FN8	2.13 (54.0)	0.20 (5.1)	1.38 (34.9)	15000 (1034)
3/8	3/4	-MTF-M06-FN12	2.25 (57.2)	0.20 (5.1)	1.50 (38.1)	10000 (690)
9/16	1/8	-MTF-M09-FN2	1.63 (41.3)	0.31 (7.9)	1.00 (25.4)	15000 (1034)
9/16	1/4	-MTF-M09-FN4	2.00 (50.8)	0.31 (7.9)	1.00 (25.4)	15000 (1034)
9/16	3/8	-MTF-M09-FN6	2.00 (50.8)	0.31 (7.9)	1.13 (28.6)	15000 (1034)
9/16	1/2	-MTF-M09-FN8	2.25 (57.2)	0.31 (7.9)	1.38 (34.9)	15000 (1034)
9/16	3/4	-MTF-M09-FN12	2.25 (57.2)	0.31 (7.9)	1.50 (38.1)	10000 (690)
9/16	1	-MTF-M09-FN16	2.63 (66.7)	0.31 (7.9)	1.75 (44.5)	10000 (690)
3/4	1/4	-MTF-M12-FN4	2.00 (50.8)	0.41 (10.4)	1.38 (34.9)	15000 (1034)
3/4	3/8	-MTF-M12-FN6	2.37 (60.3)	0.44 (11.1)	1.38 (34.9)	15000 (1034)
3/4	1/2	-MTF-M12-FN8	2.63 (66.7)	0.44 (11.1)	1.38 (34.9)	15000 (1034)
3/4	3/4	-MTF-M12-FN12	2.63 (66.7)	0.44 (11.1)	1.50 (38.1)	10000 (690)
3/4	1	-MTF-M12-FN16	2.63 (66.7)	0.44 (11.1)	1.75 (44.5)	10000 (690)
1	1/4	-MTF-M16-FN4	2.37 (60.3)	0.41 (10.4)	1.75 (44.5)	15000 (1034)
1	3/8	-MTF-M16-FN6	2.50 (63.5)	0.55 (13.9)	1.75 (44.5)	15000 (1034)
1	1/2	-MTF-M16-FN8	3.00 (76.2)	0.56 (14.3)	1.75 (44.5)	15000 (1034)
1	3/4	-MTF-M16-FN12	3.00 (76.2)	0.56 (14.3)	1.75 (44.5)	10000 (690)
1	1	-MTF-M16-FN16	3.00 (76.2)	0.56 (14.3)	1.75 (44.5)	10000 (690)

Male Medium Pressure to Male Medium Pressure



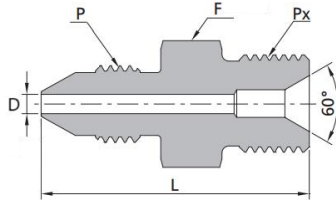
P Medium Pressure	Px Medium Pressure	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	1/4	-MNM-M04-M04	1.63 (41.3)	0.11 (2.8)	0.50 (12.7)	20000 (1379)
3/8	1/4	-MNM-M06-M04	1.87 (47.6)	0.11 (2.8)	0.63 (15.9)	20000 (1379)
3/8	3/8	-MNM-M06-M06	2.00 (50.8)	0.20 (5.1)	0.63 (15.9)	20000 (1379)
9/16	1/4	-MNM-M09-M04	2.13 (54.0)	0.11 (2.8)	0.94 (23.8)	20000 (1379)
9/16	3/8	-MNM-M09-M06	2.31 (58.7)	0.20 (5.1)	0.94 (23.8)	20000 (1379)
9/16	9/16	-MNM-M09-M09	2.50 (63.5)	0.31 (7.9)	0.94 (23.8)	20000 (1379)
3/4	1/4	-MNM-M12-M04	2.44 (61.9)	0.11 (2.8)	1.19 (30.2)	20000 (1379)
3/4	3/8	-MNM-M12-M06	2.56 (66.1)	0.20 (5.1)	1.19 (30.2)	20000 (1379)
3/4	9/16	-MNM-M12-M09	2.75 (69.9)	0.31 (7.9)	1.19 (30.2)	20000 (1379)
3/4	3/4	-MNM-M12-M12	2.94 (74.6)	0.44 (11.1)	1.19 (30.2)	20000 (1379)
1	1/4	-MNM-M16-M04	3.00 (76.2)	0.11 (2.8)	1.50 (38.1)	20000 (1379)
1	3/8	-MNM-M16-M06	3.13 (79.4)	0.20 (5.1)	1.50 (38.1)	20000 (1379)
1	9/16	-MNM-M16-M09	3.31 (84.2)	0.31 (7.9)	1.50 (38.1)	20000 (1379)
1	3/4	-MNM-M16-M12	3.44 (87.4)	0.44 (11.1)	1.50 (38.1)	20000 (1379)
1	1	-MNM-M16-M16	3.94 (100.2)	0.56 (14.3)	1.50 (38.1)	20000 (1379)

Male Medium Pressure to Male NPT



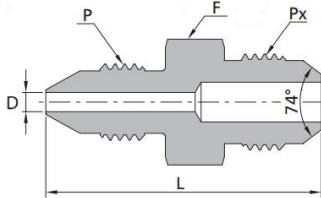
P Medium Pressure	Px NPT	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	1/8	-MNM-M04-MN2	1.37 (34.9)	0.11 (2.8)	0.50 (12.7)	15000 (1034)
1/4	1/4	-MNM-M04-MN4	1.56 (39.7)	0.11 (2.8)	0.56 (14.3)	15000 (1034)
1/4	3/8	-MNM-M04-MN6	1.63 (41.3)	0.11 (2.8)	0.69 (17.5)	15000 (1034)
1/4	1/2	-MNM-M04-MN8	1.87 (47.6)	0.11 (2.8)	0.87 (22.2)	15000 (1034)
3/8	1/8	-MNM-M06-MN2	1.56 (39.7)	0.19 (4.8)	0.63 (15.9)	15000 (1034)
3/8	1/4	-MNM-M06-MN4	1.75 (44.5)	0.20 (5.1)	0.63 (15.9)	15000 (1034)
3/8	3/8	-MNM-M06-MN6	1.75 (44.5)	0.20 (5.1)	0.69 (17.5)	15000 (1034)
3/8	1/2	-MNM-M06-MN8	2.00 (50.8)	0.20 (5.1)	0.87 (22.2)	15000 (1034)
9/16	1/4	-MNM-M09-MN4	2.06 (52.4)	0.25 (6.4)	0.94 (23.8)	15000 (1034)
9/16	3/8	-MNM-M09-MN6	2.06 (52.4)	0.31 (7.9)	0.94 (23.8)	15000 (1034)
9/16	1/2	-MNM-M09-MN8	2.25 (57.2)	0.31 (7.9)	0.94 (23.8)	15000 (1034)
9/16	3/4	-MNM-M09-MN12	2.31 (58.7)	0.31 (7.9)	1.06 (27.0)	10000 (690)
3/4	1/4	-MNM-M12-MN4	2.31 (58.7)	0.25 (6.4)	1.19 (30.2)	15000 (1034)
3/4	3/8	-MNM-M12-MN6	2.31 (58.7)	0.31 (7.9)	1.19 (30.2)	15000 (1034)
3/4	1/2	-MNM-M12-MN8	2.50 (63.5)	0.38 (9.6)	1.19 (30.2)	15000 (1034)
3/4	3/4	-MNM-M12-MN12	2.50 (63.5)	0.44 (11.1)	1.19 (30.2)	15000 (1034)
3/4	1	-MNM-M12-MN16	2.75 (69.9)	0.44 (11.1)	1.37 (34.9)	10000 (690)
1	1/4	-MNM-M16-MN4	2.81 (71.4)	0.25 (6.4)	1.50 (38.1)	15000 (1034)
1	3/8	-MNM-M16-MN6	2.81 (71.4)	0.31 (7.9)	1.50 (38.1)	15000 (1034)
1	1/2	-MNM-M16-MN8	3.06 (77.7)	0.38 (9.6)	1.50 (38.1)	15000 (1034)
1	3/4	-MNM-M16-MN12	3.06 (77.7)	0.56 (14.3)	1.50 (38.1)	10000 (690)
1	1	-MNM-M16-MN16	3.25 (82.6)	0.56 (14.3)	1.50 (38.1)	10000 (690)

Male Medium Pressure to Male SAE



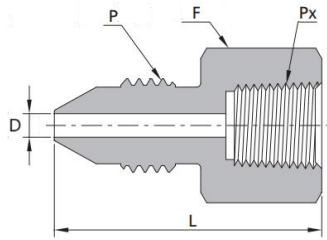
P Medium Pressure	Px UNF	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	9/16-18	-MNM-M04-MS9	1.52 (38.7)	0.09 (2.4)	0.63 (15.9)	20000 (1379)
1/4	3/4-16	-MNM-M04-MS12	1.69 (43.0)	0.11 (2.8)	0.75 (19.1)	20000 (1379)
1/4	7/8-14	-MNM-M04-MS14	1.90 (48.2)	0.11 (2.8)	1.00 (25.4)	20000 (1379)
1/4	1-12	-MNM-M04-MS16	1.78 (45.3)	0.11 (2.8)	1.00 (25.4)	20000 (1379)
3/8	9/16-18	-MNM-M06-MS9	1.67 (42.4)	0.09 (2.4)	0.63 (15.9)	20000 (1379)
3/8	3/4-16	-MNM-M06-MS12	1.84 (46.7)	0.20 (5.1)	0.75 (19.1)	20000 (1379)
3/8	7/8-14	-MNM-M06-MS14	2.04 (51.9)	0.15 (3.8)	1.00 (25.4)	20000 (1379)
3/8	1-12	-MNM-M06-MS16	1.93 (49.0)	0.20 (5.1)	1.00 (25.4)	20000 (1379)
9/16	9/16-18	-MNM-M09-MS9	1.95 (49.6)	0.09 (2.4)	0.94 (23.8)	20000 (1379)
9/16	3/4-16	-MNM-M09-MS12	2.08 (52.9)	0.29 (7.4)	0.94 (23.8)	20000 (1379)
9/16	7/8-14	-MNM-M09-MS14	2.23 (56.7)	0.15 (3.8)	1.00 (25.4)	20000 (1379)
9/16	1-12	-MNM-M09-MS16	2.12 (53.8)	0.31 (7.9)	1.00 (25.4)	20000 (1379)
3/4	9/16-18	-MNM-M12-MS9	2.22 (56.3)	0.09 (2.4)	1.19 (30.2)	20000 (1379)
3/4	3/4-16	-MNM-M12-MS12	2.35 (59.6)	0.29 (7.4)	1.19 (30.2)	20000 (1379)
3/4	7/8-14	-MNM-M12-MS14	2.47 (62.8)	0.15 (3.8)	1.19 (30.2)	20000 (1379)
3/4	1-12	-MNM-M12-MS16	2.36 (59.9)	0.39 (10.0)	1.19 (30.2)	20000 (1379)
3/4	1.5/16-12	-MNM-M12-MS21	2.41 (61.1)	0.44 (11.1)	1.37 (34.9)	20000 (1379)
1	9/16-18	-MNM-M16-MS9	2.77 (70.3)	0.09 (2.4)	1.50 (38.1)	20000 (1379)
1	3/4-16	-MNM-M16-MS12	2.90 (73.6)	0.29 (7.4)	1.50 (38.1)	20000 (1379)
1	7/8-14	-MNM-M16-MS14	3.02 (76.8)	0.15 (3.8)	1.50 (38.1)	20000 (1379)
1	1-12	-MNM-M16-MS16	2.91 (73.9)	0.39 (10.0)	1.50 (38.1)	20000 (1379)
1	1.5/16-12	-MNM-M16-MS21	2.89 (73.3)	0.56 (14.3)	1.50 (38.1)	20000 (1379)

Male Medium Pressure to Male JIC



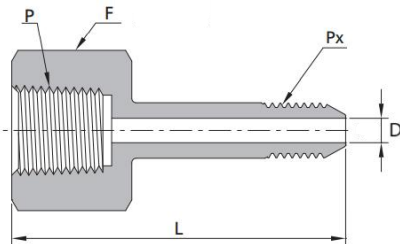
P Medium Pressure	Px JIC	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	1/4	-MNM-M04-AN9	1.50 (38.1)	0.11 (2.8)	0.50 (12.7)	20000 (1379)
1/4	3/8	-MNM-M04-AN12	1.63 (41.3)	0.11 (2.8)	0.63 (15.9)	20000 (1379)
1/4	1/2	-MNM-M04-AN14	1.75 (44.5)	0.11 (2.8)	0.81 (20.6)	20000 (1379)
3/8	1/4	-MNM-M06-MS9	1.75 (44.5)	0.17 (4.4)	0.63 (15.9)	20000 (1379)
3/8	3/8	-MNM-M06-MS12	1.75 (44.5)	0.20 (5.1)	0.63 (15.9)	20000 (1379)
3/8	1/2	-MNM-M06-MS14	1.87 (47.6)	0.20 (5.1)	0.81 (20.6)	20000 (1379)
3/8	5/8	-MNM-M06-MS16	2.06 (52.4)	0.20 (5.1)	0.94 (23.8)	20000 (1379)
9/16	1/4	-MNM-M09-MS9	2.00 (50.8)	0.17 (4.4)	0.94 (23.8)	20000 (1379)
9/16	3/8	-MNM-M09-MS12	2.01 (51.0)	0.23 (5.8)	0.94 (23.8)	20000 (1379)
9/16	1/2	-MNM-M09-MS14	2.13 (54.0)	0.31 (7.9)	0.94 (23.8)	20000 (1379)
9/16	5/8	-MNM-M09-MS16	2.25 (57.2)	0.31 (7.9)	0.94 (23.8)	20000 (1379)
9/16	3/4	-MNM-M09-MS16	2.44 (61.9)	0.31 (7.9)	1.13 (28.6)	15000 (1034)
3/4	1/2	-MNM-M12-MS9	2.37 (60.3)	0.31 (7.9)	1.19 (30.2)	20000 (1379)
3/4	5/8	-MNM-M12-MS12	2.50 (63.5)	0.37 (9.4)	1.19 (30.2)	20000 (1379)
3/4	3/4	-MNM-M12-MS14	2.63 (66.7)	0.44 (11.1)	1.19 (30.2)	15000 (1034)
3/4	1	-MNM-M12-MS16	2.69 (68.3)	0.44 (11.1)	1.19 (30.2)	15000 (1034)
1	3/4	-MNM-M16-MS9	3.13 (79.4)	0.46 (11.6)	1.50 (38.1)	15000 (1034)
1	1	-MNM-M16-MS12	3.19 (81.0)	0.56 (14.3)	1.50 (38.1)	15000 (1034)

Male Medium Pressure to Female NPT



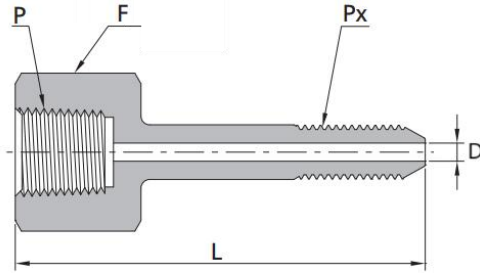
P Medium Pressure	Px NPT	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	1/8	-MNF-M04-FN2	1.25 (31.8)	0.11 (2.8)	0.63 (15.9)	15000 (1034)
1/4	1/4	-MNF-M04-FN4	1.50 (38.1)	0.11 (2.8)	0.94 (23.8)	15000 (1034)
1/4	3/8	-MNF-M04-MF6	1.50 (38.1)	0.11 (2.8)	1.13 (28.6)	15000 (1034)
1/4	1/2	-MNF-M04-FN8	1.75 (44.5)	0.11 (2.8)	1.37 (34.9)	15000 (1034)
3/8	1/8	-MNF-M06-FN2	1.37 (34.9)	0.20 (5.1)	0.63 (15.9)	15000 (1034)
3/8	1/4	-MNF-M06-FN4	1.63 (41.3)	0.20 (5.1)	0.94 (23.8)	15000 (1034)
3/8	3/8	-MNF-M06-FN6	1.69 (42.9)	0.20 (5.1)	1.13 (28.6)	15000 (1034)
3/8	1/2	-MNF-M06-FN8	1.87 (47.6)	0.20 (5.1)	1.37 (34.9)	15000 (1034)
9/16	1/4	-MNF-M09-FN4	1.75 (44.5)	0.31 (7.9)	0.94 (23.8)	15000 (1034)
9/16	3/8	-MNF-M09-FN6	1.81 (46.0)	0.31 (7.9)	1.13 (28.6)	15000 (1034)
9/16	1/2	-MNF-M09-FN8	2.06 (52.4)	0.31 (7.9)	1.37 (34.9)	15000 (1034)
9/16	3/4	-MNF-M09-FN12	2.13 (54.0)	0.31 (7.9)	1.50 (38.1)	10000 (690)
3/4	1/4	-MNF-M12-FN4	1.87 (47.6)	0.41 (10.4)	1.19 (30.2)	15000 (1034)
3/4	3/8	-MNF-M12-FN6	2.00 (50.8)	0.44 (11.1)	1.19 (30.2)	15000 (1034)
3/4	1/2	-MNF-M12-FN8	2.19 (55.6)	0.44 (11.1)	1.37 (34.9)	15000 (1034)
3/4	3/4	-MNF-M12-FN12	2.31 (58.7)	0.44 (11.1)	1.50 (38.1)	10000 (690)
3/4	1	-MNF-M12-FN16	2.56 (63.5)	0.44 (11.1)	1.75 (44.5)	10000 (690)
1	1/4	-MNF-M16-FN4	2.37 (60.3)	0.41 (10.4)	1.50 (38.1)	15000 (1034)
1	3/8	-MNF-M16-FN6	2.37 (60.3)	0.56 (14.3)	1.50 (38.1)	15000 (1034)
1	1/2	-MNF-M16-FN8	2.56 (63.5)	0.56 (14.3)	1.50 (38.1)	15000 (1034)
1	3/4	-MNF-M16-FN12	2.75 (69.9)	0.56 (14.3)	1.50 (38.1)	10000 (690)
1	1	-MNF-M16-FN16	3.25 (82.6)	0.56 (14.3)	1.75 (44.5)	10000 (690)

Female NPT to Medium Pressure Coned and Threaded Nipples



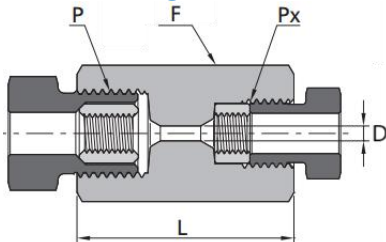
P NPT	P Medium Pressure	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/8	1/4	-MNF-FN2-MC04	1.50 (38.1)	0.11 (2.8)	0.56 (14.3)	15000 (1034)
1/8	3/8	-MNF-FN2-MC06	1.75 (44.5)	0.20 (5.1)	0.63 (15.9)	15000 (1034)
1/8	9/16	-MNF-FN2-MC09	1.94 (49.2)	0.31 (7.9)	0.63 (15.9)	15000 (1034)
1/4	1/4	-MNF-FN4-MC04	1.75 (44.5)	0.11 (2.8)	0.94 (23.8)	15000 (1034)
1/4	3/8	-MNF-FN4-MC06	2.00 (50.8)	0.20 (5.1)	0.94 (23.8)	15000 (1034)
1/4	9/16	-MNF-FN4-MC09	2.19 (55.6)	0.31 (7.9)	0.94 (23.8)	15000 (1034)
3/8	3/8	-MNF-FN6-MC06	2.06 (52.4)	0.20 (5.1)	1.13 (28.6)	15000 (1034)
3/8	9/16	-MNF-FN6-MC09	2.25 (57.2)	0.31 (7.9)	1.13 (28.6)	15000 (1034)
1/2	9/16	-MNF-FN8-MC09	2.50 (63.5)	0.31 (7.9)	1.37 (34.9)	15000 (1034)
1/2	3/4	-MNF-FN8-MC12	2.75 (69.9)	0.44 (11.1)	1.37 (34.9)	15000 (1034)
3/4	9/16	-MNF-M12-MC09	2.56 (65.1)	0.31 (7.9)	1.50 (38.1)	10000 (690)
3/4	3/4	-MNF-M12-MC12	2.81 (71.4)	0.44 (11.1)	1.50 (38.1)	10000 (690)
3/4	1	-MNF-M12-MC16	3.39 (86.0)	0.56 (14.3)	1.50 (38.1)	10000 (690)
1	3/4	-MNF-M16-MC12	3.13 (79.4)	0.44 (11.1)	1.75 (44.5)	10000 (690)
1	1	-MNF-M16-MC16	3.63 (92.2)	0.56 (14.3)	1.75 (44.5)	10000 (690)

Female NPT to High Pressure Coned and Threaded Nipples



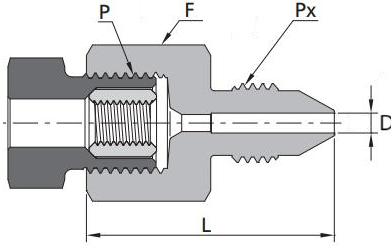
P NPT	P High Pressure	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/8	1/4	-MNF-FN2-HC04	1.87 (47.6)	0.09 (2.3)	0.63 (15.9)	15000 (1034)
1/8	3/8	-MNF-FN2-HC06	2.19 (55.6)	0.13 (3.2)	0.63 (15.9)	15000 (1034)
1/4	1/4	-MNF-FN4-HC04	2.13 (54.0)	0.09 (2.3)	0.94 (23.8)	15000 (1034)
1/4	3/8	-MNF-FN4-HC06	2.50 (63.5)	0.13 (3.2)	0.94 (23.8)	15000 (1034)
1/4	9/16	-MNF-FN4-HC09	3.06 (77.8)	0.19 (4.8)	0.94 (23.8)	15000 (1034)
3/8	1/4	-MNF-FN6-HC04	2.13 (54.0)	0.09 (2.3)	1.13 (28.6)	15000 (1034)
3/8	3/8	-MNF-FN6-HC06	2.50 (63.5)	0.13 (3.2)	1.13 (28.6)	15000 (1034)
3/8	9/16	-MNF-FN6-HC09	3.13 (79.4)	0.19 (4.8)	1.13 (28.6)	15000 (1034)
1/2	1/4	-MNF-FN8-HC04	2.37 (60.3)	0.09 (2.3)	1.37 (34.9)	15000 (1034)
1/2	3/8	-MNF-FN8-HC06	2.75 (69.9)	0.13 (3.2)	1.37 (34.9)	15000 (1034)
1/2	9/16	-MNF-FN8-HC09	3.31 (84.2)	0.19 (4.8)	1.37 (34.9)	15000 (1034)
3/4	1/4	-MNF-FN12-HC04	2.44 (61.9)	0.09 (2.3)	1.50 (38.1)	10000 (690)
3/4	3/8	-MNF-FN12-HC06	2.81 (71.4)	0.13 (3.2)	1.50 (38.1)	10000 (690)
3/4	9/16	-MNF-FN12-HC09	3.38 (85.8)	0.19 (4.8)	1.50 (38.1)	10000 (690)
1	1/4	-MNF-FN16-HC04	2.69 (68.3)	0.09 (2.3)	1.75 (44.5)	10000 (690)
1	3/8	-MNF-FN16-HC06	3.10 (78.8)	0.13 (3.2)	1.75 (44.5)	10000 (690)
1	9/16	-MNF-FN16-HC09	3.69 (93.8)	0.19 (4.8)	1.75 (44.5)	10000 (690)

Female High Pressure to Female Medium Pressure



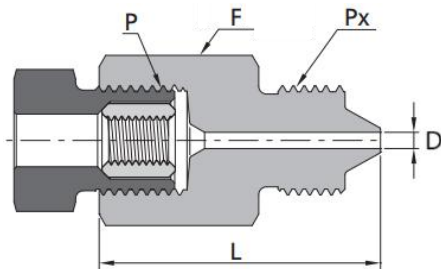
P High Pressure	P Medium Pressure	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	1/4	-HCM-H04-M04	1.37 (34.9)	0.09 (2.3)	0.75 (19.1)	20000 (1379)
1/4	3/8	-HCM-H04-M06	1.56 (39.7)	0.09 (2.3)	0.75 (19.1)	20000 (1379)
1/4	9/16	-HCM-H04-M09	1.81 (46.0)	0.09 (2.3)	1.00 (25.4)	20000 (1379)
1/4	3/4	-HCM-H04-M12	2.06 (52.4)	0.09 (2.3)	1.38 (34.9)	20000 (1379)
1/4	1	-HCM-H04-M16	2.56 (65.1)	0.09 (2.3)	1.75 (44.5)	20000 (1379)
3/8	1/4	-HCM-H06-M04	1.63 (41.3)	0.13 (3.2)	1.00 (25.4)	20000 (1379)
3/8	3/8	-HCM-H06-M06	1.81 (46.0)	0.13 (3.2)	1.00 (25.4)	20000 (1379)
3/8	9/16	-HCM-H06-M09	2.06 (52.4)	0.13 (3.2)	1.00 (25.4)	20000 (1379)
3/8	3/4	-HCM-H06-M12	2.31 (58.7)	0.13 (3.2)	1.38 (34.9)	20000 (1379)
3/8	1	-HCM-H06-M16	2.81 (71.4)	0.13 (3.2)	1.75 (44.5)	20000 (1379)
9/16	1/4	-HCM-H09-M04	1.81 (46.0)	0.19 (4.8)	1.38 (34.9)	20000 (1379)
9/16	3/8	-HCM-H09-M06	1.94 (49.2)	0.19 (4.8)	1.38 (34.9)	20000 (1379)
9/16	9/16	-HCM-H09-M09	2.25 (57.2)	0.19 (4.8)	1.38 (34.9)	20000 (1379)
9/16	3/4	-HCM-H09-M12	2.44 (61.9)	0.19 (4.8)	1.38 (34.9)	20000 (1379)
9/16	1	-HCM-H09-M16	3.00 (76.2)	0.19 (4.8)	1.75 (44.5)	20000 (1379)

Female High Pressure to Male Medium Pressure



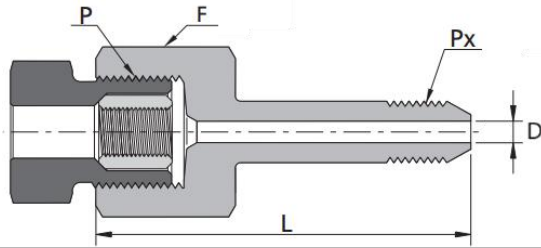
P High Pressure	P Medium Pressure	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	1/4	-HFM-H04-M04	1.37 (34.9)	0.09 (2.3)	0.75 (19.1)	20000 (1379)
1/4	3/8	-HFM-H04-M06	1.50 (38.1)	0.09 (2.3)	0.75 (19.1)	20000 (1379)
1/4	9/16	-HFM-H04-M09	1.69 (42.9)	0.09 (2.3)	0.94 (23.8)	20000 (1379)
1/4	3/4	-HFM-H04-M12	1.75 (44.5)	0.09 (2.3)	1.19 (30.2)	20000 (1379)
1/4	1	-HFM-H04-M16	2.37 (60.3)	0.09 (2.3)	1.50 (38.1)	20000 (1379)
3/8	1/4	-HFM-H06-M04	1.67 (42.3)	0.11 (2.8)	1.00 (25.4)	20000 (1379)
3/8	3/8	-HFM-H06-M06	1.81 (46.0)	0.13 (3.2)	1.00 (25.4)	20000 (1379)
3/8	9/16	-HFM-H06-M09	1.94 (49.2)	0.13 (3.2)	1.00 (25.4)	20000 (1379)
3/8	3/4	-HFM-H06-M12	2.13 (54.0)	0.13 (3.2)	1.19 (30.2)	20000 (1379)
3/8	1	-HFM-H06-M16	2.50 (63.5)	0.13 (3.2)	1.50 (38.1)	20000 (1379)
9/16	1/4	-HFM-H09-M04	1.87 (47.6)	0.11 (2.8)	1.38 (34.9)	20000 (1379)
9/16	3/8	-HFM-H09-M06	2.00 (50.8)	0.19 (4.8)	1.38 (34.9)	20000 (1379)
9/16	9/16	-HFM-H09-M09	2.19 (55.6)	0.19 (4.8)	1.38 (34.9)	20000 (1379)
9/16	3/4	-HFM-H09-M12	2.37 (60.3)	0.19 (4.8)	1.38 (34.9)	20000 (1379)
9/16	1	-HFM-H09-M16	2.81 (71.4)	0.19 (4.8)	1.50 (38.1)	20000 (1379)

Female High Pressure to Male High Pressure



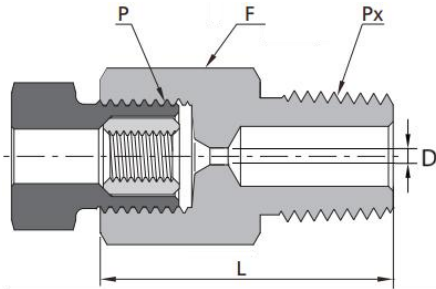
P High Pressure	P High Pressure	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	1/4	-HFM-H04-H04	1.44 (36.5)	0.09 (2.3)	0.75 (19.1)	60000 (4137)
1/4	3/8	-HFM-H04-H06	1.69 (42.9)	0.09 (2.3)	0.81 (20.6)	60000 (4137)
1/4	9/16	-HFM-H04-H09	1.75 (44.5)	0.09 (2.3)	1.19 (30.2)	60000 (4137)
3/8	1/4	-HFM-H06-H04	1.75 (44.5)	0.09 (2.3)	1.00 (25.4)	60000 (4137)
3/8	3/8	-HFM-H06-H06	2.00 (50.8)	0.13 (3.2)	1.00 (25.4)	60000 (4137)
3/8	9/16	-HFM-H06-H09	2.13 (54.0)	0.13 (3.2)	1.19 (30.2)	60000 (4137)
9/16	1/4	-HFM-H09-H04	2.06 (52.4)	0.09 (2.3)	1.38 (34.9)	60000 (4137)
9/16	3/8	-HFM-H09-H06	2.37 (60.3)	0.13 (3.2)	1.38 (34.9)	60000 (4137)
9/16	9/16	-HFM-H09-H09	2.50 (63.5)	0.19 (4.8)	1.38 (34.9)	60000 (4137)

Female High Pressure to High Pressure Coned and Threaded Nipples



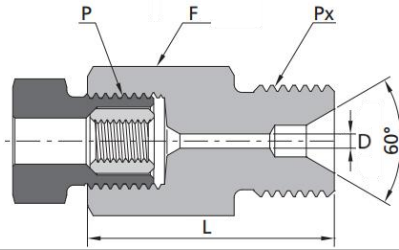
P High Pressure	P High Pressure	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	1/4	-HFM-H04-HC04	1.93 (49.0)	0.09 (2.3)	0.75 (19.1)	60000 (4137)
1/4	3/8	-HFM-H04-HC06	2.32 (59.0)	0.09 (2.3)	0.75 (19.1)	60000 (4137)
1/4	9/16	-HFM-H04-HC09	2.91 (74.0)	0.09 (2.3)	0.75 (19.1)	60000 (4137)
3/8	1/4	-HFM-H06-HC04	2.20 (56.0)	0.09 (2.3)	1.00 (25.4)	60000 (4137)
3/8	3/8	-HFM-H06-HC06	2.60 (66.0)	0.13 (3.2)	1.00 (25.4)	60000 (4137)
3/8	9/16	-HFM-H06-HC09	3.19 (81.0)	0.13 (3.2)	1.00 (25.4)	60000 (4137)
9/16	1/4	-HFM-H09-HC04	2.48 (63.0)	0.09 (2.3)	1.38 (34.9)	60000 (4137)
9/16	3/8	-HFM-H09-HC06	2.87 (73.0)	0.13 (3.2)	1.38 (34.9)	60000 (4137)
9/16	9/16	-HFM-H09-HC09	3.46 (88.0)	0.19 (4.8)	1.38 (34.9)	60000 (4137)

Female High Pressure to Male NPT



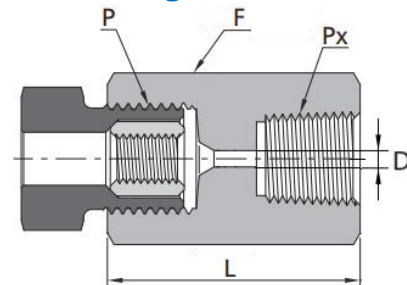
P High Pressure	P NPT	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	1/8	-HFM-H04-MN2	1.19 (30.2)	0.11 (2.8)	0.75 (19.1)	15000 (1034)
1/4	1/4	-HFM-H04-MN4	1.37 (34.9)	0.11 (2.8)	0.75 (19.1)	15000 (1034)
1/4	3/8	-HFM-H04-MN6	1.37 (34.9)	0.11 (2.8)	0.75 (19.1)	15000 (1034)
1/4	1/2	-HFM-H04-MN8	1.37 (34.9)	0.11 (2.8)	0.87 (22.2)	15000 (1034)
3/8	1/4	-HFM-H06-MN4	1.50 (38.1)	0.20 (5.1)	1.00 (25.4)	15000 (1034)
3/8	3/8	-HFM-H06-MN6	1.50 (38.1)	0.20 (5.1)	1.00 (25.4)	15000 (1034)
3/8	1/2	-HFM-H06-MN8	1.75 (44.5)	0.20 (5.1)	1.00 (25.4)	15000 (1034)
9/16	3/8	-HFM-H09-MN6	1.75 (44.5)	0.31 (7.9)	1.37 (34.9)	15000 (1034)
9/16	1/2	-HFM-H09-MN8	1.94 (49.2)	0.31 (7.9)	1.37 (34.9)	15000 (1034)
9/16	3/4	-HFM-H09-MN12	2.00 (50.8)	0.31 (7.9)	1.37 (34.9)	10000 (690)
9/16	1	-HFM-H09-MN16	2.63 (66.7)	0.31 (7.9)	1.37 (34.9)	10000 (690)

Female High Pressure to Male SAE



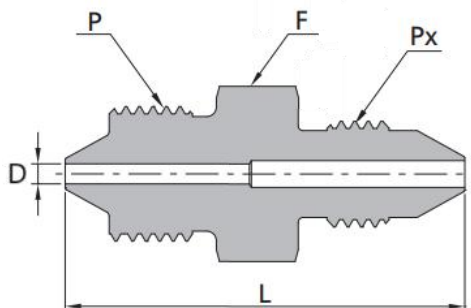
P High Pressure	P UNF	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	9/16-18	-HFM-H04-MS9	1.25 (31.8)	0.09 (2.3)	0.75 (19.1)	60000 (4137)
1/4	3/4-16	-HFM-H04-MS12	1.38 (35.0)	0.09 (2.3)	0.75 (19.1)	30000 (2058)
1/4	7/8-14	-HFM-H04-MS14	1.56 (39.7)	0.09 (2.3)	1.00 (25.4)	50000 (3447)
1/4	1-12	-HFM-H04-MS16	1.37 (34.9)	0.09 (2.3)	1.00 (25.4)	30000 (2058)
3/8	9/16-18	-HFM-H06-MS9	1.50 (38.1)	0.09 (2.3)	1.00 (25.4)	60000 (4137)
3/8	3/4-16	-HFM-H06-MS12	1.63 (41.4)	0.13 (3.2)	1.00 (25.4)	30000 (2058)
3/8	7/8-14	-HFM-H06-MS14	1.81 (46.0)	0.13 (3.2)	1.00 (25.4)	50000 (3447)
3/8	1-12	-HFM-H06-MS16	1.64 (41.6)	0.13 (3.2)	1.00 (25.4)	30000 (2058)
3/8	1.5/16-12	-HFM-H06-MS21	1.56 (39.7)	0.13 (3.2)	1.38 (34.9)	20000 (1379)
9/16	7/8-14	-HFM-H09-MS14	2.00 (50.8)	0.15 (3.8)	1.38 (34.9)	50000 (3447)
9/16	1-12	-HFM-M09-MS16	1.81 (46.0)	0.19 (4.8)	1.38 (34.9)	30000 (2058)
9/16	1.5/16-12	-HFM-M09-MS21	1.81 (46.0)	0.19 (4.8)	1.38 (34.9)	20000 (1379)

Female High Pressure to Male High Pressure



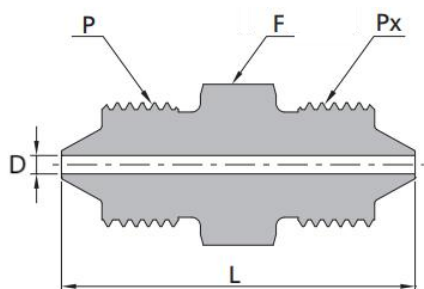
P High Pressure	P NPT	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	1/8	-HFM-H04-FN2	1.37 (34.9)	0.09 (2.3)	0.75 (19.1)	15000 (1034)
1/4	1/4	-HFM-H04-FN4	1.63 (41.4)	0.09 (2.3)	0.94 (23.8)	15000 (1034)
1/4	3/8	-HFM-H04-FN6	1.63 (41.4)	0.09 (2.3)	1.13 (28.6)	15000 (1034)
1/4	1/2	-HFM-H04-FN8	2.00 (50.8)	0.09 (2.3)	1.37 (34.9)	15000 (1034)
3/8	1/4	-HFM-H06-FN4	1.87 (47.6)	0.13 (3.2)	1.00 (25.4)	15000 (1034)
3/8	3/8	-HFM-H06-FN6	1.87 (47.6)	0.13 (3.2)	1.13 (28.6)	15000 (1034)
3/8	1/2	-HFM-H06-FN8	2.13 (54.0)	0.13 (3.2)	1.37 (34.9)	15000 (1034)
9/16	3/8	-HFM-H09-FN6	2.00 (50.8)	0.19 (4.8)	1.37 (34.9)	15000 (1034)
9/16	1/2	-HFM-H09-FN8	2.37 (60.3)	0.19 (4.8)	1.37 (34.9)	15000 (1034)
9/16	3/4	-HFM-H09-FN12	2.37 (60.3)	0.19 (4.8)	1.50 (38.1)	10000 (690)
9/16	1	-HFM-H09-FN16	2.50 (63.5)	0.19 (4.8)	1.75 (44.5)	10000 (690)

Male High Pressure to Male Medium Pressure



P High Pressure	P Medium Pressure	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	1/4	-HTM-H04-M04	1.69 (42.9)	0.09 (2.3)	0.63 (15.9)	20000 (1379)
1/4	3/8	-HTM-H04-M06	1.81 (46.0)	0.09 (2.3)	0.63 (15.9)	20000 (1379)
1/4	9/16	-HTM-H04-M09	2.06 (52.4)	0.09 (2.3)	0.94 (23.8)	20000 (1379)
1/4	3/4	-HTM-H04-M12	2.37 (60.3)	0.09 (2.3)	1.19 (30.2)	20000 (1379)
1/4	1	-HTM-H04-M16	2.94 (74.6)	0.09 (2.3)	1.50 (38.1)	20000 (1379)
3/8	1/4	-HTM-H06-M04	2.00 (50.8)	0.11 (2.8)	1.19 (30.2)	20000 (1379)
3/8	3/8	-HTM-H06-M06	2.13 (54.0)	0.13 (3.2)	1.19 (30.2)	20000 (1379)
3/8	9/16	-HTM-H06-M09	2.37 (60.3)	0.13 (3.2)	1.19 (30.2)	20000 (1379)
3/8	3/4	-HTM-H06-M12	2.63 (66.7)	0.13 (3.2)	1.19 (30.2)	20000 (1379)
3/8	1	-HTM-H06-M16	3.13 (79.4)	0.13 (3.2)	1.50 (38.1)	20000 (1379)
9/16	1/4	-HTM-H09-M04	2.25 (57.2)	0.11 (2.8)	1.19 (30.2)	20000 (1379)
9/16	3/8	-HTM-H09-M06	2.44 (61.9)	0.19 (4.8)	1.19 (30.2)	20000 (1379)
9/16	9/16	-HTM-H09-M09	2.63 (66.7)	0.19 (4.8)	1.19 (30.2)	20000 (1379)
9/16	3/4	-HTM-H09-M12	2.80 (71.0)	0.19 (4.8)	1.19 (30.2)	20000 (1379)
9/16	1	-HTM-H09-M16	3.31 (84.2)	0.19 (4.8)	1.50 (38.1)	20000 (1379)

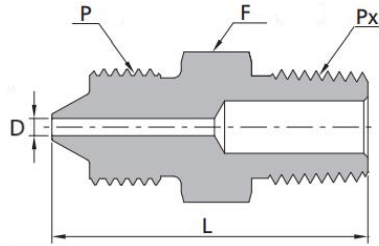
Male High Pressure to Male High Pressure



60,000 psig 外螺纹

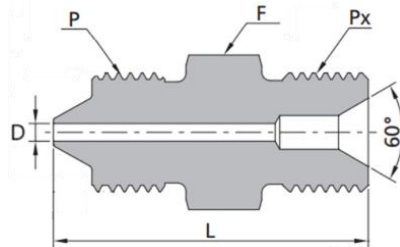
P High Pressure	P High Pressure	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	1/4	-HTH-H04-H04	1.63 (41.4)	0.09 (2.3)	0.63 (15.9)	60000 (4137)
3/8	1/4	-HTH-H06-H04	1.94 (49.2)	0.09 (2.3)	0.81 (20.6)	60000 (4137)
3/8	3/8	-HTH-H06-H06	2.19 (55.6)	0.13 (3.2)	0.81 (20.6)	60000 (4137)
9/16	1/4	-HTH-H09-H04	2.19 (55.6)	0.09 (2.3)	1.19 (30.2)	60000 (4137)
9/16	3/8	-HTH-H09-H06	2.50 (63.5)	0.13 (3.2)	1.19 (30.2)	60000 (4137)
9/16	9/16	-HTH-H09-H09	2.63 (66.7)	0.19 (4.8)	1.19 (30.2)	60000 (4137)

Male High Pressure to Male NPT



P High Pressure	P NPT	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	1/8	-HMM-H04-MN2	1.37 (34.9)	0.09 (2.3)	0.63 (15.9)	15000 (1034)
1/4	1/4	-HMM-H04-MN4	1.56 (39.7)	0.09 (2.3)	0.63 (15.9)	15000 (1034)
1/4	3/8	-HMM-H04-MN6	1.56 (39.7)	0.09 (2.3)	0.69 (17.5)	15000 (1034)
1/4	1/2	-HMM-H04-MN8	1.81 (46.0)	0.09 (2.3)	0.87 (22.2)	15000 (1034)
3/8	1/4	-HMM-H06-MN4	1.87 (47.6)	0.13 (3.2)	0.81 (20.6)	15000 (1034)
3/8	3/8	-HMM-H06-MN6	1.87 (47.6)	0.13 (3.2)	0.81 (20.6)	15000 (1034)
3/8	1/2	-HMM-H06-MN8	2.06 (52.4)	0.13 (3.2)	0.87 (22.2)	15000 (1034)
3/8	3/4	-HMM-H06-MN12	2.13 (54.0)	0.13 (3.2)	1.06 (27.0)	10000 (690)
9/16	1/4	-HMM-H09-MN4	2.13 (54.0)	0.19 (4.8)	1.19 (30.2)	15000 (1034)
9/16	3/8	-HMM-H09-MN6	2.13 (54.0)	0.19 (4.8)	1.19 (30.2)	15000 (1034)
9/16	1/2	-HMM-H09-MN8	2.37 (60.3)	0.19 (4.8)	1.19 (30.2)	15000 (1034)
9/16	3/4	-HMM-H09-MN12	2.37 (60.3)	0.19 (4.8)	1.19 (30.2)	10000 (690)
9/16	1	-HMM-H09-MN16	2.63 (66.7)	0.19 (4.8)	1.37 (34.9)	10000 (690)

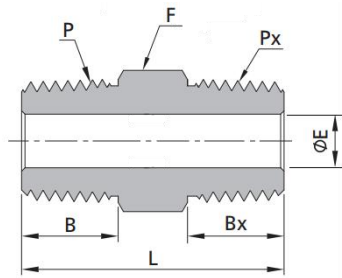
Male High Pressure to Male SAE



P High Pressure	P NPT	Ordering NO.	Dimensions in.(mm)			Working Pressure Psig(bar)
			L	D	F (Hex)	
1/4	9/16-18	-HMM-H04-MS9	1.46 (37.1)	0.09 (2.3)	0.63 (15.9)	60000 (4137)
1/4	3/4-16	-HMM-H04-MS12	1.63 (41.4)	0.09 (2.3)	0.75 (19.1)	30000 (2058)
1/4	7/8-14	-HMM-H04-MS14	1.83 (46.6)	0.09 (2.3)	1.00 (25.4)	50000 (3447)
1/4	1-12	-HMM-H04-MS16	1.72 (43.7)	0.09 (2.3)	1.00 (25.4)	30000 (2058)
3/8	9/16-18	-HMM-H06-MS9	1.77 (44.9)	0.09 (2.3)	0.81 (20.6)	60000 (4137)
3/8	3/4-16	-HMM-H06-MS12	1.90 (48.2)	0.13 (3.2)	0.81 (20.6)	30000 (2058)
3/8	7/8-14	-HMM-H06-MS14	2.09 (53.1)	0.13 (3.2)	1.00 (25.4)	50000 (3447)
3/8	1-12	-HMM-H06-MS16	1.97 (50.1)	0.13 (3.2)	1.00 (25.4)	30000 (2058)
3/8	1.5/16-12	-HMM-H06-MS21	2.09 (53.1)	0.13 (3.2)	1.38 (34.9)	20000 (1379)
9/16	9/16-18	-HMM-H09-MS9	2.07 (52.6)	0.09 (2.3)	1.19 (30.2)	60000 (4137)
9/16	3/4-16	-HMM-H09-MS12	2.20 (55.9)	0.19 (4.8)	1.19 (30.2)	30000 (2058)
9/16	7/8-14	-HMM-H09-MS14	2.33 (59.1)	0.15 (3.8)	1.19 (30.2)	50000 (3447)
9/16	1-12	-HMM-M09-MS16	2.21 (56.2)	0.19 (4.8)	1.19 (30.2)	30000 (2058)
9/16	1.5/16-12	-HMM-M09-MS21	2.26 (57.4)	0.19 (4.8)	1.38 (34.9)	20000 (1379)

Medium Pressure Pipe Fittings

Hex Nipples



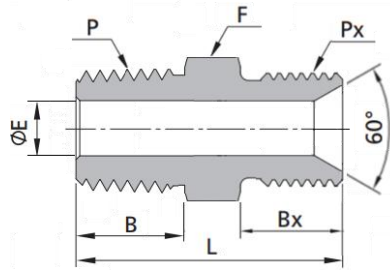
Male NPT Thread

P NPT	Px NPT	Basic Ordering Number	Dimension,in(mm)					Working Pressure psig(bar)
			L	F (Hex)	B	Bx	E	
1/8	1/8	-MHN-MN2	1.05 (26.6)	0.44 (11.1)	0.38 (9.7)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	1/8	-MHN-MN4-MN2	1.30 (32.9)	0.56 (14.3)	0.56 (14.2)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	1/4	-MHN-MN4	1.47 (37.4)	0.56 (14.3)	0.56 (14.2)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	1/8	-MHN-MN6-MN2	1.34 (34.1)	0.69 (17.5)	0.56 (14.2)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
3/8	1/4	-MHN-MN6-MN4	1.52 (38.6)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	3/8	-MHN-MN6	1.52 (38.6)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	1/8	-MHN-MN8-MN2	1.58 (40.2)	0.87 (22.2)	0.75 (19.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/2	1/4	-MHN-MN8-MN4	1.76 (44.7)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/2	3/8	-MHN-MN8-MN6	1.76 (44.7)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	1/2	-MHN-MN8	1.95 (49.6)	0.87 (22.2)	0.75 (19.1)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/4	1/8	-MHN-MN12-MN2	1.67 (42.4)	1.06 (27.0)	0.75 (19.1)	0.38 (9.7)	0.19 (4.8)	10000 (689)
3/4	1/4	-MHN-MN12-MN4	1.85 (46.9)	1.06 (27.0)	0.75 (19.1)	0.56 (14.2)	0.25 (6.4)	10000 (689)
3/4	3/8	-MHN-MN12-MN6	1.85 (46.9)	1.06 (27.0)	0.75 (19.1)	0.56 (14.2)	0.31 (7.9)	10000 (689)
3/4	1/2	-MHN-MN12-MN8	2.04 (51.8)	1.06 (27.0)	0.75 (19.1)	0.75 (19.1)	0.38 (9.6)	10000 (689)
3/4	3/4	-MHN-MN12	2.04 (51.8)	1.06 (27.0)	0.75 (19.1)	0.75 (19.1)	0.58 (14.8)	10000 (689)
1	1/8	-MHN-MN16-MN2	1.96 (49.8)	1.37 (34.9)	0.94 (23.9)	0.38 (9.7)	0.19 (4.8)	10000 (689)
1	1/4	-MHN-MN16-MN4	2.14 (54.3)	1.37 (34.9)	0.94 (23.9)	0.56 (14.2)	0.25 (6.4)	10000 (689)
1	3/8	-MHN-MN16-MN6	2.14 (54.3)	1.37 (34.9)	0.94 (23.9)	0.56 (14.2)	0.31 (7.9)	10000 (689)
1	1/2	-MHN-MN16-MN8	2.33 (59.2)	1.37 (34.9)	0.94 (23.9)	0.75 (19.1)	0.38 (9.6)	10000 (689)
1	3/4	-MHN-MN16-MN12	2.33 (59.2)	1.37 (34.9)	0.94 (23.9)	0.75 (19.1)	0.58 (14.8)	10000 (689)
1	1	-MHN-MN16	2.52 (64.0)	1.37 (34.9)	0.94 (23.9)	0.94 (23.9)	0.79 (20.0)	10000 (689)

Male ISO Tapered Thread

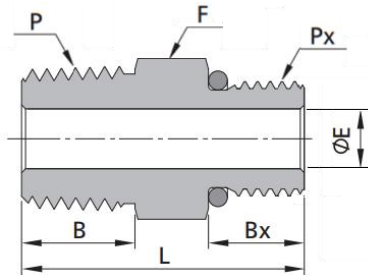
P BSPT	Px BSPT	Basic Ordering Number	Dimension,in(mm)					Working Pressure psig(bar)
			L	F (Hex)	B	Bx	E	
1/8	1/8	-MHN-MR2	1.05 (26.6)	0.44 (11.1)	0.38 (9.7)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	1/8	-MHN-MR4-MR2	1.30 (32.9)	0.56 (14.3)	0.56 (14.2)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	1/4	-MHN-MR4	1.47 (37.4)	0.56 (14.3)	0.56 (14.2)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	1/8	-MHN-MR6-MR2	1.34 (34.1)	0.69 (17.5)	0.56 (14.2)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
3/8	1/4	-MHN-MR6-MR4	1.52 (38.6)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	3/8	-MHN-MR6	1.52 (38.6)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	1/4	-MHN-MR8-MR4	1.76 (44.7)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/2	3/8	-MHN-MR8-MR6	1.76 (44.7)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	1/2	-MHN-MR8	1.95 (49.6)	0.87 (22.2)	0.75 (19.1)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/4	1/4	-MHN-MR12-MR4	1.85 (46.9)	1.06 (27.0)	0.75 (19.1)	0.56 (14.2)	0.25 (6.4)	10000 (689)
3/4	3/8	-MHN-MR12-MR6	1.85 (46.9)	1.06 (27.0)	0.75 (19.1)	0.56 (14.2)	0.31 (7.9)	10000 (689)
3/4	1/2	-MHN-MR12-MNR8	2.04 (51.8)	1.06 (27.0)	0.75 (19.1)	0.75 (19.1)	0.38 (9.6)	10000 (689)
3/4	3/4	-MHN-MR12	2.04 (51.8)	1.06 (27.0)	0.75 (19.1)	0.75 (19.1)	0.58 (14.8)	10000 (689)
1	1/4	-MHN-MR16-MR4	2.14 (54.3)	1.37 (34.9)	0.94 (23.9)	0.56 (14.2)	0.25 (6.4)	10000 (689)
1	1/2	-MHN-MR16-MR8	2.33 (59.2)	1.37 (34.9)	0.94 (23.9)	0.75 (19.1)	0.38 (9.6)	10000 (689)
1	3/4	-MHN-MR16-MR12	2.33 (59.2)	1.37 (34.9)	0.94 (23.9)	0.75 (19.1)	0.58 (14.8)	10000 (689)
1	1	-MHN-MR16	2.52 (64.0)	1.37 (34.9)	0.94 (23.9)	0.94 (23.9)	0.79 (20.0)	10000 (689)

Hex Nipples



Male NPT to ISO Parallel Thread

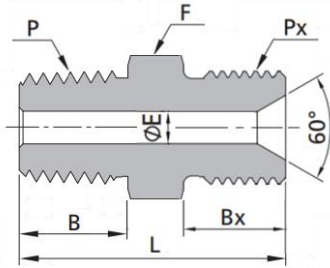
P NPT	Px BSPP	Basic Ordering Number	Dimension, in(mm)					Working Pressure psig(bar)
			L	F (Hex)	B	Bx	E	
1/8	1/4	-MHN-MN2-MG4	1.15 (29.3)	0.63 (15.9)	0.38 (9.7)	0.43 (11.0)	0.15 (3.8)	15000 (1034)
1/8	3/8	-MHN-MN2-MG6	1.25 (31.7)	0.81 (20.6)	0.38 (9.7)	0.47 (12.0)	0.19 (4.8)	15000 (1034)
1/4	1/4	-MHN-MN4-MG4	1.47 (37.4)	0.63 (15.9)	0.56 (14.2)	0.43 (11.0)	0.15 (3.8)	15000 (1034)
1/4	3/8	-MHN-MN4-MG6	1.33 (33.8)	0.81 (20.6)	0.56 (14.2)	0.47 (12.0)	0.25 (6.4)	15000 (1034)
1/4	1/2	-MHN-MN4-MG8	1.56 (39.7)	1.00 (25.4)	0.56 (14.2)	0.55 (14.0)	0.25 (6.4)	15000 (1034)
3/8	1/4	-MHN-MN6-MG4	1.35 (34.4)	0.69 (17.5)	0.56 (14.2)	0.43 (11.0)	0.15 (3.8)	15000 (1034)
3/8	3/8	-MHN-MN6-MG6	1.39 (35.4)	0.81 (20.6)	0.56 (14.2)	0.47 (12.0)	0.25 (6.4)	15000 (1034)
3/8	1/2	-MHN-MN6-MG8	1.56 (39.7)	1.00 (25.4)	0.56 (14.2)	0.55 (14.0)	0.31 (7.9)	15000 (1034)
1/2	1/4	-MHN-MN8-MG4	1.59 (40.5)	0.87 (22.2)	0.75 (19.1)	0.43 (11.0)	0.15 (3.8)	15000 (1034)
1/2	3/8	-MHN-MN8-MG6	1.63 (41.5)	0.87 (22.2)	0.75 (19.1)	0.47 (12.0)	0.25 (6.4)	15000 (1034)
1/2	1/2	-MHN-MN8-MG8	1.75 (44.5)	1.00 (25.4)	0.75 (19.1)	0.55 (14.0)	0.37 (9.5)	15000 (1034)
1/2	3/4	-MHN-MN8-MG12	1.95 (49.6)	1.25 (31.8)	0.75 (19.1)	0.63 (16.0)	0.37 (9.5)	15000 (1034)
1/2	1	-MHN-MN8-MG16	2.11 (53.7)	1.50 (38.1)	0.75 (19.1)	0.75 (19.1)	0.37 (9.5)	15000 (1034)
3/4	1/2	-MHN-MN12-MG8	1.80 (45.6)	1.06 (27.0)	0.75 (19.1)	0.55 (14.0)	0.37 (9.5)	10000 (689)
3/4	3/4	-MHN-MN12-MG12	1.95 (49.6)	1.25 (31.8)	0.75 (19.1)	0.63 (16.0)	0.50 (12.7)	10000 (689)
3/4	1	-MHN-MN12-MG16	2.11 (53.7)	1.50 (38.1)	0.75 (19.1)	0.75 (19.1)	0.58 (14.8)	10000 (689)
1	1/2	-MHN-MN16-MG8	2.08 (52.9)	1.37 (34.9)	0.94 (23.9)	0.55 (14.0)	0.37 (9.5)	10000 (689)
1	3/4	-MHN-MN16-MG12	2.16 (54.9)	1.37 (34.9)	0.94 (23.9)	0.63 (16.0)	0.50 (12.7)	10000 (689)
1	1	-MHN-MN16-MG16	2.52 (64.0)	1.50 (38.1)	0.94 (23.9)	0.75 (19.1)	0.63 (15.9)	10000 (689)



Male NPT to Male SAE Thread (O-ring)

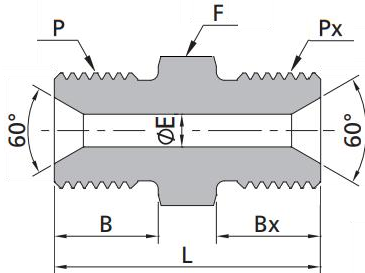
P NPT	Px UNF	Basic Ordering Number	Dimension, in(mm)					Working Pressure psig(bar)
			L	F (Hex)	B	Bx	E	
1/4	7/16-20	-MHN-MN4-MS7O	1.35 (34.2)	0.56 (14.3)	0.56 (14.2)	0.43 (11.0)	0.18 (4.5)	10000 (689)
1/4	9/16-18	-MHN-MN4-MS9O	1.43 (36.4)	0.69 (17.5)	0.56 (14.2)	0.47 (12.0)	0.28 (7.1)	10000 (689)
3/8	7/16-20	-MHN-MN6-MS7O	1.39 (35.4)	0.69 (17.5)	0.56 (14.2)	0.43 (11.0)	0.18 (4.5)	10000 (689)
3/8	9/16-18	-MHN-MN6-MS9O	1.43 (36.4)	0.69 (17.5)	0.56 (14.2)	0.47 (12.0)	0.30 (7.5)	10000 (689)
3/8	3/4-16	-MHN-MN6-MS12O	1.56 (39.6)	0.87 (22.2)	0.56 (14.2)	0.55 (14.0)	0.38 (9.6)	10000 (689)
1/2	9/16-18	-MHN-MN8-MS9O	1.67 (42.5)	0.87 (22.2)	0.75 (19.1)	0.47 (12.0)	0.30 (7.5)	10000 (689)
1/2	3/4-16	-MHN-MN8-MS12O	1.75 (44.5)	0.87 (22.2)	0.75 (19.1)	0.55 (14.0)	0.39 (10.0)	10000 (689)
1/2	7/8-14	-MHN-MN8-MS14O	1.88 (47.7)	1.00 (25.4)	0.75 (19.1)	0.63 (16.0)	0.47 (11.9)	10000 (689)
3/4	9/16-18	-MHN-MN12-MS9O	1.76 (44.7)	1.06 (27.0)	0.75 (19.1)	0.47 (12.0)	0.30 (7.5)	10000 (689)
3/4	3/4-16	-MHN-MN12-MS12O	1.84 (46.7)	1.06 (27.0)	0.75 (19.1)	0.55 (14.0)	0.39 (10.0)	10000 (689)
3/4	7/8-14	-MHN-MN12-MS14O	1.92 (48.7)	1.06 (27.0)	0.75 (19.1)	0.63 (16.0)	0.49 (12.5)	10000 (689)
1	3/4-16	-MHN-MN16-MS12O	2.13 (54.1)	1.37 (34.9)	0.94 (23.9)	0.55 (14.0)	0.39 (10.0)	10000 (689)
1	7/8-14	-MHN-MN1-MS14O	2.21 (56.1)	1.37 (34.9)	0.94 (23.9)	0.63 (16.0)	0.49 (12.5)	10000 (689)

Hex Nipples



Male NPT to Male SAE Thread

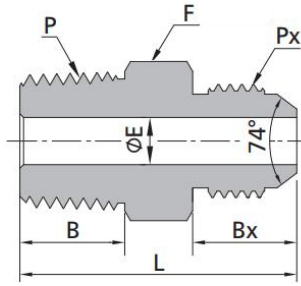
P NPT	Px UNF	Basic Ordering Number	Dimension, in(mm)					Working Pressure psig(bar)
			L	F (Hex)	B	Bx	E	
1/8	9/16-18	-MHN-MN2-MS9	1.22 (31.0)	0.63 (15.9)	0.38 (9.7)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
1/8	3/4-16	-MHN-MN2-MS12	1.39 (35.3)	0.75 (19.1)	0.38 (9.7)	0.63 (16.0)	0.19 (4.8)	15000 (1034)
1/4	9/16-18	-MHN-MN4-MS9	1.40 (35.5)	0.63 (15.9)	0.56 (14.2)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
1/4	3/4-16	-MHN-MN4-MS12	1.57 (39.8)	0.75 (19.1)	0.56 (14.2)	0.63 (16.0)	0.25 (6.4)	15000 (1034)
1/4	7/8-14	-MHN-MN6-MS14	1.77 (45.0)	1.00 (25.4)	0.56 (14.2)	0.76 (19.2)	0.15 (3.8)	15000 (1034)
3/8	9/16-18	-MHN-MN6-MS9	1.42 (36.1)	0.69 (17.5)	0.56 (14.2)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
3/8	3/4-16	-MHN-MN6-MS12	1.57 (39.8)	0.75 (19.1)	0.56 (14.2)	0.63 (16.0)	0.29 (7.4)	15000 (1034)
3/8	7/8-14	-MHN-MN6-MS14	1.77 (45.0)	1.00 (25.4)	0.56 (14.2)	0.76 (19.2)	0.15 (3.8)	15000 (1034)
1/2	9/16-18	-MHN-MN8-MS9	1.66 (42.2)	0.87 (22.2)	0.75 (19.1)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
1/2	3/4-16	-MHN-MN8-MS12	1.79 (45.5)	0.87 (22.2)	0.75 (19.1)	0.63 (16.0)	0.29 (7.4)	15000 (1034)
1/2	7/8-14	-MHN-MN8-MS14	1.96 (49.9)	1.00 (25.4)	0.75 (19.1)	0.76 (19.2)	0.15 (3.8)	15000 (1034)
1/2	1-14	-MHN-MN8-MS16	1.85 (47.0)	1.00 (25.4)	0.75 (19.1)	0.64 (16.3)	0.38 (9.6)	15000 (1034)
3/4	9/16-18	-MHN-MN12-MS9	1.75 (44.5)	1.06 (27.0)	0.75 (19.1)	0.50 (12.7)	0.09 (2.4)	10000 (689)
3/4	3/4-16	-MHN-MN12-MS12	1.88 (50.9)	1.06 (27.0)	0.75 (19.1)	0.63 (16.0)	0.29 (7.4)	10000 (689)
3/4	7/8-14	-MHN-MN12-MS14	2.00 (50.8)	1.06 (27.0)	0.75 (19.1)	0.76 (19.2)	0.15 (3.8)	10000 (689)
3/4	1-12	MHN-MN12-MS16	2.00 (50.8)	1.06 (27.0)	0.75 (19.1)	0.64 (16.3)	0.39 (10.0)	10000 (689)
1	1-12	-MHN-MN16-MS16	2.18 (55.4)	1.37 (34.9)	0.94 (23.9)	0.64 (16.3)	0.39 (10.0)	10000 (689)
1	1.5/16-12	-MHN-MN1-MS21	2.16 (54.8)	1.37 (34.9)	0.94 (23.9)	0.62 (15.8)	0.69 (17.5)	10000 (689)



Male SAE Thread

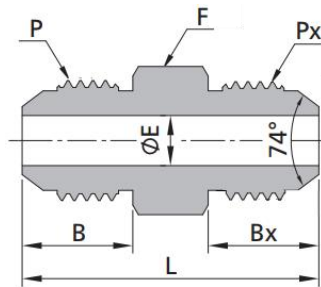
P UNF	Px UNF	Basic Ordering Number	Dimension, in(mm)					Working Pressure psig(bar)
			L	F (Hex)	B	Bx	E	
9/16-18	9/16-18	-MHN-MS9-MS9	1.34 (34.0)	0.63 (15.9)	0.50 (12.7)	0.50 (12.7)	0.09 (2.4)	60000 (4137)
3/4-16	9/16-18	-MHN-MS12-MS9	1.51 (38.3)	0.75 (19.1)	0.63 (16.0)	0.50 (12.7)	0.09 (2.4)	30000 (2068)
3/4-16	3/4-16	-MHN-MS12-MS12	1.64 (41.6)	0.75 (19.1)	0.63 (16.0)	0.63 (16.0)	0.29 (7.4)	30000 (2068)
7/8-14	9/16-18	-MHN-MS14-MS9	1.71 (43.5)	1.00 (25.4)	0.76 (19.2)	0.50 (12.7)	0.09 (2.4)	50000 (3447)
7/8-14	3/4-16	-MHN-MS14-MS12	1.84 (46.8)	1.00 (25.4)	0.76 (19.2)	0.63 (16.0)	0.15 (3.8)	30000 (2068)
7/8-14	7/8-14	-MHN-MS14-MS14	1.97 (50.0)	1.00 (25.4)	0.76 (19.2)	0.76 (19.2)	0.15 (3.8)	50000 (3447)
1-12	9/16-18	-MHN-MS16-MS9	1.60 (40.6)	1.00 (25.4)	0.64 (16.3)	0.50 (12.7)	0.09 (2.4)	30000 (2068)
1-12	3/4-16	-MHN-MS16-MS12	1.73 (43.9)	1.00 (25.4)	0.64 (16.3)	0.63 (16.0)	0.29 (7.4)	30000 (2068)
1-12	7/8-14	-MHN-MS16-MS14	1.85 (47.1)	1.00 (25.4)	0.64 (16.3)	0.76 (19.2)	0.15 (3.8)	30000 (2068)
1-12	1-12	-MHN-MS16-MS16	1.74 (44.2)	1.00 (25.4)	0.64 (16.3)	0.64 (16.3)	0.39 (10.0)	30000 (2068)
1.5/16-12	1-12	-MHN-MS21-MS16	1.86 (47.2)	1.37 (34.9)	0.62 (15.8)	0.64 (16.3)	0.39 (10.0)	20000 (1379)
1.5/16-12	1.5/16-12	-MHN-MS21-MS21	1.83 (46.6)	1.37 (34.9)	0.62 (15.8)	0.62 (15.8)	0.69 (17.5)	20000 (1379)

Hex Nipples



Male NPT to Male JIC

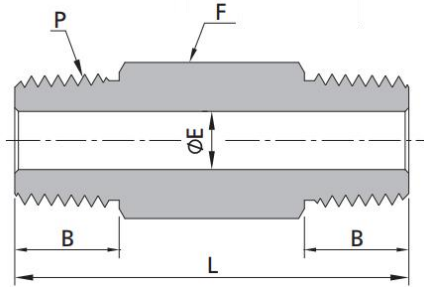
P NPT	Px JIC	Basic Ordering Number	Dimension, in(mm)					Working Pressure psig(bar)
			L	F (Hex)	B	Bx	E	
1/8	1/4	-MHN-MN2-AN4	1.23 (31.3)	0.50 (12.7)	0.38 (9.7)	0.55 (14.0)	0.17 (4.4)	15000 (1034)
1/8	3/8	-MHN-MN2-AN6	1.31 (33.4)	0.63 (15.9)	0.38 (9.7)	0.56 (14.2)	0.19 (4.8)	15000 (1034)
1/4	1/4	-MHN-MN4-AN4	1.46 (37.2)	0.56 (14.3)	0.56 (14.2)	0.55 (14.0)	0.17 (4.4)	15000 (1034)
1/4	3/8	-MHN-MN4-AN6	1.49 (37.9)	0.63 (15.9)	0.56 (14.2)	0.56 (14.2)	0.23 (5.8)	15000 (1034)
1/4	1/2	-MHN-MN4-AN8	1.65 (41.9)	0.81 (20.6)	0.56 (14.2)	0.66 (16.7)	0.25 (6.4)	15000 (1034)
3/8	1/4	-MHN-MN6-AN4	1.52 (38.4)	0.69 (17.5)	0.56 (14.2)	0.55 (14.0)	0.17 (4.4)	15000 (1034)
3/8	3/8	-MHN-MN6-AN6	1.52 (38.4)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	0.23 (5.8)	15000 (1034)
3/8	1/2	-MHN-MN6-AN8	1.62 (41.1)	0.81 (20.6)	0.56 (14.2)	0.66 (16.7)	0.31 (7.9)	15000 (1034)
1/2	1/4	-MHN-MN8-AN4	1.75 (44.5)	0.87 (22.2)	0.75 (19.1)	0.55 (14.0)	0.17 (4.4)	15000 (1034)
1/2	3/8	-MHN-MN8-AN6	1.75 (44.5)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	0.23 (5.8)	15000 (1034)
1/2	1/2	-MHN-MN8-AN8	1.86 (47.2)	0.87 (22.2)	0.75 (19.1)	0.66 (16.7)	0.31 (7.9)	15000 (1034)
1/2	5/8	-MHN-MN8-AN10	1.98 (50.4)	0.94 (23.8)	0.75 (19.1)	0.76 (19.3)	0.37 (9.5)	15000 (1034)
3/4	1/2	-MHN-MN12-AN8	1.94 (49.4)	1.06 (27.0)	0.75 (19.1)	0.66 (16.7)	0.39 (9.9)	10000 (689)
3/4	5/8	-MHN-MN12-AN10	2.05 (52.0)	1.06 (27.0)	0.75 (19.1)	0.76 (19.3)	0.48 (12.3)	10000 (689)
3/4	3/4	-MHN-MN12-AN12	2.17 (55.1)	1.13 (28.6)	0.75 (19.1)	0.86 (21.9)	0.58 (14.8)	10000 (689)
3/4	1	-MHN-MN12-AN16	2.30 (58.4)	1.37 (34.9)	0.75 (19.1)	0.91 (23.1)	0.58 (14.8)	10000 (689)
1	3/4	-MHN-MN16-AN12	2.44 (62.0)	1.37 (34.9)	0.94 (23.9)	0.86 (21.9)	0.61 (15.5)	10000 (689)
1	1	-MHN-MN16-AN16	2.49 (63.2)	1.37 (34.9)	0.94 (23.9)	0.91 (23.1)	0.79 (20.0)	10000 (689)



Male NPT to Male JIC

P NPT	Px JIC	Basic Ordering Number	Dimension, in(mm)					Working Pressure psig(bar)
			L	F (Hex)	B	Bx	E	
1/4	1/4	-MHN-AN4-AN4	1.40 (35.6)	0.50 (12.7)	0.55 (14.0)	0.55 (14.0)	0.17 (4.4)	20000 (1379)
3/8	1/4	-MHN-AN6-AN4	1.48 (37.7)	0.63 (15.9)	0.56 (14.2)	0.55 (14.0)	0.17 (4.4)	20000 (1379)
3/8	3/8	-MHN-AN6-AN6	1.49 (37.9)	0.63 (15.9)	0.56 (14.2)	0.56 (14.2)	0.23 (5.8)	20000 (1379)
1/2	3/8	-MHN-AN8-AN6	1.65 (41.8)	0.81 (20.6)	0.66 (16.7)	0.56 (14.2)	0.23 (5.8)	20000 (1379)
1/2	1/2	-MHN-AN8-AN8	1.75 (44.5)	0.81 (20.6)	0.66 (16.7)	0.66 (16.7)	0.31 (7.9)	20000 (1379)
5/8	1/2	-MHN-AN10-AN8	1.89 (48.0)	0.94 (23.8)	0.76 (19.3)	0.66 (16.7)	0.31 (7.9)	20000 (1379)
5/8	5/8	-MHN-AN10-AN10	1.99 (50.6)	0.94 (23.8)	0.76 (19.3)	0.76 (19.3)	0.37 (9.5)	20000 (1379)
3/4	1/2	-MHN-AN12-AN8	2.07 (52.6)	1.06 (27.0)	0.86 (21.9)	0.66 (16.7)	0.31 (7.9)	15000 (1034)
3/4	5/8	-MHN-AN12-AN10	2.17 (55.1)	1.13 (28.6)	0.86 (21.9)	0.76 (19.3)	0.37 (9.5)	15000 (1034)
3/4	3/4	-MHN-AN12-AN12	2.28 (57.8)	1.13 (28.6)	0.86 (21.9)	0.86 (21.9)	0.46 (11.6)	15000 (1034)
1	5/8	-MHN-AN16-AN10	2.31 (58.6)	1.37 (34.9)	0.91 (23.1)	0.76 (19.3)	0.37 (9.5)	15000 (1034)
1	3/4	-MHN-AN16-AN12	2.41 (61.2)	1.37 (34.9)	0.91 (23.1)	0.86 (21.9)	0.46 (11.6)	15000 (1034)
1	1	-MHN-AN16-AN16	2.46 (62.4)	1.37 (34.9)	0.91 (23.1)	0.91 (23.1)	0.57 (14.6)	15000 (1034)

Hex Long Nipples



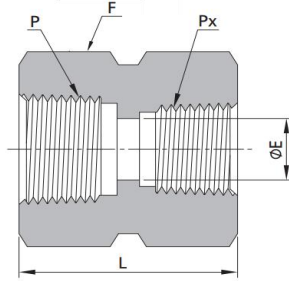
Male NPT Thread

P NPT	Basic Ordering Number	Dimension, in(mm)				Working Pressure psig(bar)
		L	F (Hex)	B	E	
1/8	-MHL-MN2-2	2.00 (50.8)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/8	-MHL-MN2-2.5	2.50 (63.5)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/8	-MHL-MN2-3	3.00 (76.2)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	-MHL-MN4-2	2.00 (50.8)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/4	-MHL-MN4-2.5	2.50 (63.5)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/4	-MHL-MN4-3	3.00 (76.2)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/4	-MHL-MN4-4	4.00 (101.6)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	-MHL-MN6-2	2.00 (50.8)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
3/8	-MHL-MN6-2.5	2.50 (63.5)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
3/8	-MHL-MN6-3	3.00 (76.2)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
3/8	-MHL-MN6-4	4.00 (101.6)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	-MHL-MN8-3	3.00 (76.2)	0.87 (22.2)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
1/2	-MHL-MN8-4	4.00 (101.6)	0.87 (22.2)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
1/2	-MHL-MN8-6	6.00 (152.4)	0.87 (22.2)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/4	-MHL-MN12-3	3.00 (76.2)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (689)
3/4	-MHL-MN12-4	4.00 (101.6)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (689)
3/4	-MHL-MN12-6	6.00 (152.4)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (689)
1	-MHL-MN16-3	3.00 (76.2)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (689)
1	-MHL-MN16-4	4.00 (101.6)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (689)
1	-MHL-MN16-6	6.00 (152.4)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (689)
1	-MHL-MN16-8	8.00 (203.2)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (689)

Male ISO Tapered Thread

P BSPT	Basic Ordering Number	Dimension, in(mm)				Working Pressure psig(bar)
		L	F (Hex)	B	E	
1/8	-MHL-MR2-2	2.00 (50.8)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/8	-MHL-MR2-2.5	2.50 (63.5)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/8	-MHL-MR2-3	3.00 (76.2)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	-MHL-MR4-2	2.00 (50.8)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/4	-MHL-MR4-2.5	2.50 (63.5)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/4	-MHL-MR4-3	3.00 (76.2)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/4	-MHL-MR4-4	4.00 (101.6)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	-MHL-MR6-2	2.00 (50.8)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
3/8	-MHL-MR6-2.5	2.50 (63.5)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
3/8	-MHL-MR6-3	3.00 (76.2)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
3/8	-MHL-MR6-4	4.00 (101.6)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	-MHL-MR8-3	3.00 (76.2)	0.87 (22.2)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
1/2	-MHL-MR8-4	4.00 (101.6)	0.87 (22.2)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
1/2	-MHL-MR8-6	6.00 (152.4)	0.87 (22.2)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/4	-MHL-MR12-3	3.00 (76.2)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (689)
3/4	-MHL-MR12-4	4.00 (101.6)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (689)
3/4	-MHL-MR12-6	6.00 (152.4)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (689)
1	-MHL-MR16-3	3.00 (76.2)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (689)
1	-MHL-MR16-4	4.00 (101.6)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (689)
1	-MHL-MR16-6	6.00 (152.4)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (689)

Hex Couplings



Female NPT Thread

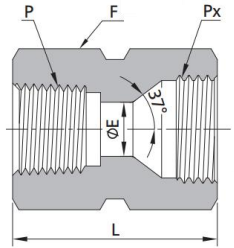
P NPT	Px NPT	Basic Ordering Number	Dimension,in(mm)			Working Pressure psig(bar)
			L	F (Hex)	E	
1/8	1/8	-MHC-FN2	0.94 (23.8)	0.63 (15.9)	0.31 (8.0)	15000 (1034)
1/4	1/8	-MHC-FN4-FN2	1.14 (28.9)	0.94 (23.8)	0.31 (8.0)	15000 (1034)
1/4	1/4	-MHC-FN4	1.32 (33.5)	0.94 (23.8)	0.41(10.4)	15000 (1034)
3/8	1/8	-MHC-FN6-FN2	1.14 (28.9)	1.13 (28.6)	0.31 (8.0)	15000 (1034)
3/8	1/4	-MHC-FN6-FN4	1.32 (33.5)	1.13 (28.6)	0.41(10.4)	15000 (1034)
3/8	3/8	-MHC-FN6	1.32 (33.5)	1.13 (28.6)	0.54 (13.8)	15000 (1034)
1/2	1/8	-MHC-FN8-FN2	1.35 (34.2)	1.37 (34.9)	0.31 (8.0)	15000 (1034)
1/2	1/4	-MHC-FN8-FN4	1.53 (33.8)	1.37 (34.9)	0.41(10.4)	15000 (1034)
1/2	3/8	-MHC-FN8-FN6	1.53 (33.8)	1.37 (34.9)	0.54 (13.8)	15000 (1034)
1/2	1/2	-MHC-FN8	1.72 (43.8)	1.37 (34.9)	0.67 (17.0)	15000 (1034)
3/4	1/8	-MHC-FN12-FN2	1.40 (35.5)	1.50 (38.1)	0.31 (8.0)	10000 (689)
3/4	1/4	-MHC-FN12-FN4	1.58 (40.1)	1.50 (38.1)	0.41(10.4)	10000 (689)
3/4	3/8	-MHC-FN12-FN6	1.58 (40.1)	1.50 (38.1)	0.54 (13.8)	10000 (689)
3/4	1/2	-MHC-FN12-FN8	1.79 (45.4)	1.50 (38.1)	0.67 (17.0)	10000 (689)
3/4	3/4	-MHC-FN12	1.84 (46.7)	1.50 (38.1)	0.88 (22.3)	10000 (689)
1	1/8	-MHC-FN16-FN2	1.59 (40.4)	1.75 (44.5)	0.31 (8.0)	10000 (689)
1	1/4	-MHC-FN16-FN4	1.76 (44.8)	1.75 (44.5)	0.41(10.4)	10000 (689)
1	3/8	-MHC-FN16-FN6	1.76 (44.8)	1.75 (44.5)	0.54 (13.8)	10000 (689)
1	1/2	-MHC-FN16-FN8	1.96 (49.7)	1.75 (44.5)	0.67 (17.0)	10000 (689)
1	3/4	-MHC-FN16-FN12	2.00 (50.8)	1.75 (44.5)	0.88 (22.3)	10000 (689)
1	1	-MHC-FN16	2.19 (55.6)	1.75 (44.5)	1.11 (28.1)	10000 (689)

Female ISO Tapered Thread

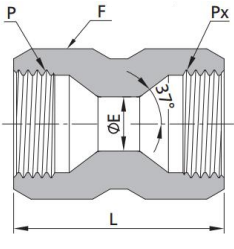
P BSPT	Px BSPT	Basic Ordering Number	Dimension,in(mm)			Working Pressure psig(bar)
			L	F (Hex)	E	
1/8	1/8	-MHC-FR2	0.94 (23.8)	0.63 (15.9)	0.31 (8.0)	15000 (1034)
1/4	1/8	-MHC-FR4-FR2	1.14 (28.9)	0.94 (23.8)	0.31 (8.0)	15000 (1034)
1/4	1/4	-MHC-FR4	1.32 (33.5)	0.94 (23.8)	0.41(10.4)	15000 (1034)
3/8	1/8	-MHC-FR6-FR2	1.14 (28.9)	1.13 (28.6)	0.31 (8.0)	15000 (1034)
3/8	1/4	-MHC-FR6-FR4	1.32 (33.5)	1.13 (28.6)	0.41(10.4)	15000 (1034)
3/8	3/8	-MHC-FR6	1.32 (33.5)	1.13 (28.6)	0.54 (13.8)	15000 (1034)
1/2	1/8	-MHC-FR8-FR2	1.35 (34.2)	1.37 (34.9)	0.31 (8.0)	15000 (1034)
1/2	1/4	-MHC-FR8-FR4	1.53 (33.8)	1.37 (34.9)	0.41(10.4)	15000 (1034)
1/2	3/8	-MHC-FR8-FR6	1.53 (33.8)	1.37 (34.9)	0.54 (13.8)	15000 (1034)
1/2	1/2	-MHC-FR8	1.72 (43.8)	1.37 (34.9)	0.67 (17.0)	15000 (1034)
3/4	1/8	-MHC-FR12-FR2	1.40 (35.5)	1.50 (38.1)	0.31 (8.0)	10000 (689)
3/4	1/4	-MHC-FR12-FR4	1.58 (40.1)	1.50 (38.1)	0.41(10.4)	10000 (689)
3/4	3/8	-MHC-FR12-FR6	1.58 (40.1)	1.50 (38.1)	0.54 (13.8)	10000 (689)
3/4	1/2	-MHC-FR12-FR8	1.79 (45.4)	1.50 (38.1)	0.67 (17.0)	10000 (689)
3/4	3/4	-MHC-FR12	1.84 (46.7)	1.50 (38.1)	0.88 (22.3)	10000 (689)
1	1/8	-MHC-FR16-FR2	1.59 (40.4)	1.75 (44.5)	0.31 (8.0)	10000 (689)
1	1/4	-MHC-FR16-FR4	1.76 (44.8)	1.75 (44.5)	0.41(10.4)	10000 (689)
1	3/8	-MHC-FR16-FR6	1.76 (44.8)	1.75 (44.5)	0.54 (13.8)	10000 (689)
1	1/2	-MHC-FR16-FR8	1.96 (49.7)	1.75 (44.5)	0.67 (17.0)	10000 (689)
1	3/4	-MHC-FR16-FR12	2.00 (50.8)	1.75 (44.5)	0.88 (22.3)	10000 (689)
1	1	-MHC-FR16	2.19 (55.6)	1.75 (44.5)	1.11 (28.1)	10000 (689)

Hex Couplings

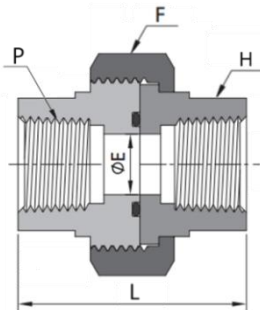
Female NPT to Female JIC

	P NPT	Px JIC	Basic Ordering Number	Dimension, in(mm)			Working Pressure psig(bar)
				L	F (Hex)	E	
	1/8	1/4	-MHC-FN2-AF4	1.12 (28.4)	0.63 (15.9)	0.17 (4.3)	15000 (1034)
	1/4	1/4	-MHC-FN4-AF4	1.33 (33.7)	0.94 (23.8)	0.17 (4.3)	15000 (1034)
	3/8	1/4	-MHC-FN6-AF4	1.33 (33.7)	1.13 (28.6)	0.17 (4.3)	15000 (1034)
	3/8	3/8	-MHC-FN6-AF6	1.36 (34.5)	1.13 (28.6)	0.30 (7.5)	15000 (1034)
	1/2	3/8	-MHC-FN8-AF6	1.56 (39.7)	1.37 (34.9)	0.30 (7.5)	15000 (1034)
	1/2	1/2	-MHC-FN8-AF8	1.64 (41.7)	1.37 (34.9)	0.39 (9.9)	15000 (1034)
	1/2	5/8	-MHC-FN8-AF10	1.74 (44.1)	1.37 (34.9)	0.48 (12.3)	15000 (1034)

Female JIC to Female JIC

	P JIC	Px JIC	Basic Ordering Number	Dimension, in(mm)			Working Pressure psig(bar)
				L	F (Hex)	E	
	1/4	1/4	-MHC-AF4-AF4	1.24 (31.5)	0.56 (14.3)	0.17 (4.3)	20000 (1379)
	3/8	1/4	-MHC-AF6-AF4	1.27 (32.3)	0.69 (17.5)	0.17 (4.3)	20000 (1379)
	3/8	3/8	-MHC-AF6-AF6	1.33 (33.7)	0.69 (17.5)	0.30 (7.5)	20000 (1379)
	1/2	3/8	-MHC-AF8-AF6	1.39 (35.4)	0.87 (22.2)	0.30 (7.5)	20000 (1379)
	1/2	1/2	-MHC-AF8-AF8	1.48 (37.6)	0.87 (22.2)	0.39 (9.9)	20000 (1379)
	5/8	1/2	-MHC-AF10-AF8	1.57 (40.0)	1.00 (25.4)	0.39 (9.9)	20000 (1379)
	5/8	5/8	-MHC-AF10-AF10	1.68 (42.6)	1.00 (25.4)	0.48 (12.3)	20000 (1379)
	3/4	5/8	-MHC-AF12-AF10	1.74 (44.1)	1.25 (31.8)	0.48 (12.3)	15000 (1034)
	3/4	3/4	-MHC-AF12-AF12	1.80 (45.8)	1.25 (31.8)	0.61 (15.5)	15000 (1034)
	1	3/4	-MHC-AF16-AF12	1.89 (48.1)	1.50 (38.1)	0.61 (15.5)	15000 (1034)
	1	1	-MHC-AF16-AF16	1.97 (50.1)	1.50 (38.1)	0.84 (21.4)	15000 (1034)

Unions



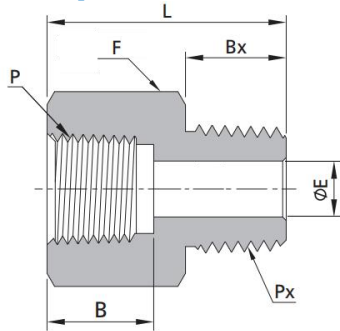
Female NPT Thread

P NPT	Basic Ordering Number	Dimension, in(mm)				Working Pressure psig(bar)
		L	F (Hex)	H (Hex)	E	
1/8	-MHN-FN2	1.06 (27.0)	1.75 (44.5)	0.63 (15.9)	0.31 (8.0)	15000 (1034)
1/4	-MHN-FN4	1.50 (38.1)	2.00 (50.8)	0.94 (23.8)	0.41 (10.4)	15000 (1034)
3/8	-MHN-FN6	1.75 (44.5)	2.25 (57.2)	1.13 (28.6)	0.54 (13.8)	15000 (1034)
1/2	-MHN-FN8	2.00 (50.8)	2.50 (63.5)	1.37 (34.9)	0.67 (17.0)	15000 (1034)
3/4	-MHN-FN12	2.25 (57.2)	2.75 (70.0)	1.50 (38.1)	0.88 (22.3)	10000 (689)

Female ISO Tapered Thread

P BSPT	Basic Ordering Number	Dimension, in(mm)				Working Pressure psig(bar)
		L	F (Hex)	H (Hex)	E	
1/8	-MHN-FR2	1.06 (27.0)	1.75 (44.5)	0.63 (15.9)	0.31 (8.0)	15000 (1034)
1/4	-MHN-FR4	1.50 (38.1)	2.00 (50.8)	0.94 (23.8)	0.41 (10.4)	15000 (1034)
3/8	-MHN-FR6	1.75 (44.5)	2.25 (57.2)	1.13 (28.6)	0.54 (13.8)	15000 (1034)
1/2	-MHN-FR8	2.00 (50.8)	2.50 (63.5)	1.37 (34.9)	0.67 (17.0)	15000 (1034)
3/4	-MHN-FR12	2.25 (57.2)	2.75 (70.0)	1.50 (38.1)	0.88 (22.3)	10000 (689)

Adapters



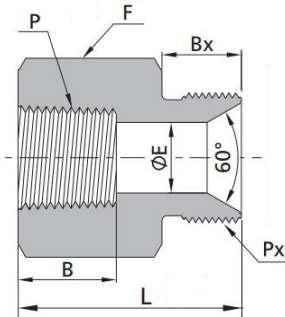
Female to Male NPT Thread

P NPT	Px NPT	Basic Ordering Number	Dimension, in(mm)					Working Pressure psig(bar)
			L	F (Hex)	B	Bx	E	
1/8	1/8	-MDP-FN2-MN2	0.96 (24.5)	0.63 (15.9)	0.41 (10.4)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/8	1/4	-MDP-FN2-MN4	1.13 (28.8)	0.63 (15.9)	0.41 (10.4)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/8	3/8	-MDP-FN2-MN6	1.14 (29.0)	0.69 (17.5)	0.41 (10.4)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/8	1/2	-MDP-FN2-MN8	1.08 (27.4)	0.87 (22.2)	0.41 (10.4)	0.75 (19.1)	0.31 (7.9)	15000 (1034)
1/4	1/8	-MDP-FN4-MN2	1.25 (31.8)	0.94 (23.8)	0.59 (15.0)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	1/4	-MDP-FN4-MN4	1.37 (34.9)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/4	3/8	-MDP-FN4-MN6	1.37 (34.9)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/4	1/2	-MDP-FN4-MN8	1.58 (40.1)	0.94 (23.8)	0.59 (15.0)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
1/4	3/4	-MDP-FN4-MN12	1.34 (34.1)	1.06 (27.0)	0.59 (15.0)	0.75 (19.1)	0.41 (10.4)	10000 (689)
1/4	1	-MDP-FN4-MN16	1.62 (41.1)	1.37 (34.9)	0.59 (15.0)	0.94 (23.9)	0.41 (10.4)	10000 (689)
3/8	1/4	-MDP-FN6-MN4	1.42 (36.0)	1.13 (28.6)	0.59 (15.0)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	3/8	-MDP-FN6-MN6	1.42 (36.0)	1.13 (28.6)	0.59 (15.0)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
3/8	1/2	-MDP-FN6-MN8	1.61 (41.0)	1.13 (28.6)	0.59 (15.0)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/8	3/4	-MDP-FN6-MN12	1.61 (41.0)	1.06 (27.0)	0.59 (15.0)	0.75 (19.1)	0.54 (13.8)	10000 (689)
3/8	1	-MDP-FN6-MN16	1.47 (37.3)	1.37 (34.9)	0.59 (15.0)	0.94 (23.9)	0.54 (13.8)	10000 (689)
1/2	1/4	-MDP-FN8-MN4	1.72 (43.1)	1.37 (34.9)	0.78 (19.8)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/2	3/8	-MDP-FN8-MN6	1.72 (43.1)	1.37 (34.9)	0.78 (19.8)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	1/2	-MDP-FN8-MN8	1.89 (48.0)	1.37 (34.9)	0.78 (19.8)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
1/2	3/4	-MDP-FN12-MN12	1.89 (48.0)	1.37 (34.9)	0.78 (19.8)	0.75 (19.1)	0.58 (14.8)	10000 (689)
1/2	1	-MDP-FN12-MN16	2.08 (52.8)	1.37 (34.9)	0.78 (19.8)	0.94 (23.9)	0.67 (17.0)	10000 (689)
3/4	1/2	-MDP-FN12-MN8	1.89 (48.0)	1.50 (38.1)	0.81 (20.6)	0.75 (19.1)	0.47 (11.9)	10000 (689)
3/4	3/4	-MDP-FN12-MN12	1.89 (48.0)	1.50 (38.1)	0.81 (20.6)	0.75 (19.1)	0.58 (14.8)	10000 (689)
3/4	1	-MDP-FN12-MN16	2.08 (52.8)	1.50 (38.1)	0.81 (20.6)	0.94 (23.9)	0.79 (20.0)	10000 (689)
1	1/2	-MDP-FN16-MN8	2.10 (53.3)	1.74 (44.5)	1.00 (25.4)	0.75 (19.1)	0.47 (11.9)	10000 (689)
1	3/4	-MDP-FN16-MN12	2.10 (53.3)	1.74 (44.5)	1.00 (25.4)	0.75 (19.1)	0.58 (14.8)	10000 (689)
1	1	-MDP-FN16-MN16	2.29 (58.1)	1.74 (44.5)	1.00 (25.4)	0.94 (23.9)	0.79 (20.0)	10000 (689)

Female to Male ISO Tapered Thread

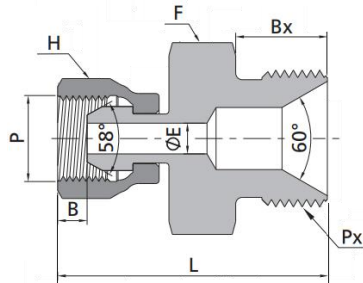
P BSPT	Px BSPT	Basic Ordering Number	Dimension, in(mm)					Working Pressure psig(bar)
			L	F (Hex)	B		E	
1/8	1/8	-MDP-FR2-MR2	0.96 (24.5)	0.63 (15.9)	0.41 (10.4)		0.38 (9.7)	15000 (1034)
1/8	1/4	-MDP-FR2-MR4	1.13 (28.8)	0.63 (15.9)	0.41 (10.4)		0.56 (14.2)	15000 (1034)
1/4	1/4	-MDP-FR4-MR4	1.37 (34.9)	0.94 (23.8)	0.59 (15.0)		0.56 (14.2)	15000 (1034)
1/4	3/8	-MDP-FR4-MR6	1.37 (34.9)	0.94 (23.8)	0.59 (15.0)		0.56 (14.2)	15000 (1034)
1/4	1/2	-MDP-FR4-MR8	1.58 (40.1)	0.94 (23.8)	0.59 (15.0)		0.75 (19.1)	15000 (1034)
3/8	1/4	-MDP-FR6-MR4	1.42 (36.0)	1.13 (28.6)	0.59 (15.0)		0.56 (14.2)	15000 (1034)
3/8	3/8	-MDP-FR6-MR6	1.42 (36.0)	1.13 (28.6)	0.59 (15.0)		0.56 (14.2)	15000 (1034)
3/8	1/2	-MDP-FR6-MR8	1.61 (41.0)	1.13 (28.6)	0.59 (15.0)		0.75 (19.1)	15000 (1034)
1/2	1/4	-MDP-FR8-MR4	1.72 (43.1)	1.37 (34.9)	0.78 (19.8)		0.56 (14.2)	15000 (1034)
1/2	1/2	-MDP-FR8-MR8	1.89 (48.0)	1.37 (34.9)	0.78 (19.8)		0.75 (19.1)	15000 (1034)
1/2	3/4	-MDP-FR12-MR12	1.89 (48.0)	1.37 (34.9)	0.78 (19.8)		0.75 (19.1)	10000 (689)
1/2	1	-MDP-FR12-MR16	2.08 (52.8)	1.37 (34.9)	0.78 (19.8)		0.94 (23.9)	10000 (689)
3/4	1/2	-MDP-FR12-MR8	1.89 (48.0)	1.50 (38.1)	0.81 (20.6)		0.75 (19.1)	10000 (689)
3/4	3/4	-MDP-FR12-MR12	1.89 (48.0)	1.50 (38.1)	0.81 (20.6)		0.75 (19.1)	10000 (689)
3/4	1	-MDP-FR12-MR16	2.08 (52.8)	1.50 (38.1)	0.81 (20.6)		0.94 (23.9)	10000 (689)
1	3/4	-MDP-FR16-MR12	2.10 (53.3)	1.74 (44.5)	1.00 (25.4)		0.75 (19.1)	10000 (689)
1	1	-MDP-FR16-MR16	2.29 (58.1)	1.74 (44.5)	1.00 (25.4)		0.94 (23.9)	10000 (689)

Adapters



Female NPT to Male Parallel Thread

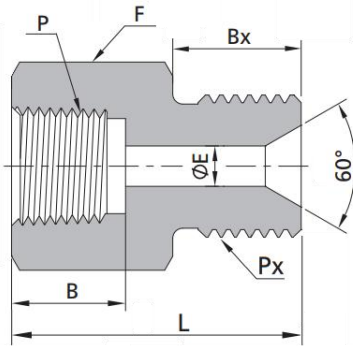
P NPT	Px BSPP	Basic Ordering Number	Dimension,in(mm)					Working Pressure psig(bar)
			L	F (Hex)	B	Bx	E	
1/8	1/4	-MDP-FN2-MG4	1.07 (27.1)	0.63 (15.9)	0.41 (10.4)	0.43 (11.0)	0.15 (3.8)	15000 (1034)
1/4	1/4	-MDP-FN4-MG4	1.25 (31.8)	0.94 (23.8)	0.59 (15.0)	0.43 (11.0)	0.15 (3.8)	15000 (1034)
1/4	3/8	-MDP-FN4-MG6	1.29 (32.7)	0.94 (23.8)	0.59 (15.0)	0.47 (12.0)	0.25 (6.4)	15000 (1034)
1/4	1/2	-MDP-FN4-MG8	1.32 (33.5)	1.00 (25.4)	0.59 (15.0)	0.55 (14.0)	0.37 (9.5)	15000 (1034)
3/8	1/4	-MDP-FN6-MG4	1.31 (33.2)	1.13 (28.6)	0.59 (15.0)	0.43 (11.0)	0.15 (3.8)	15000 (1034)
3/8	3/8	-MDP-FN6-MG6	1.31 (33.2)	1.13 (28.6)	0.59 (15.0)	0.47 (12.0)	0.25 (6.4)	15000 (1034)
3/8	1/2	-MDP-FN6-MG8	1.43 (36.2)	1.13 (28.6)	0.59 (15.0)	0.55 (14.0)	0.37 (9.5)	15000 (1034)
1/2	1/2	-MDP-FN8-MG8	1.69 (43.0)	1.37 (34.9)	0.78 (19.8)	0.55 (14.0)	0.37 (9.5)	15000 (1034)
1/2	3/4	-MDP-FN8-MG12	1.77 (45.0)	1.37 (34.9)	0.78 (19.8)	0.63(16.0)	0.50 (12.7)	15000 (1034)
1/2	1	-MDP-FN8-MG16	1.89 (48.0)	1.50 (38.1)	0.78 (19.8)	0.75 (19.1)	0.63 (15.9)	15000 (1034)
3/4	3/4	-MDP-FN12-MG12	1.78 (45.1)	1.50 (38.1)	0.81 (20.6)	0.63(16.0)	0.50 (12.7)	10000 (689)
3/4	1	-MDP-FN12-MG16	1.89 (48.0)	1.50 (38.1)	0.81 (20.6)	0.75 (19.1)	0.63 (15.9)	10000 (689)
1	1	-MDP-FN16-MG16	2.20 (56.0)	1.75 (44.5)	1.00 (25.4)	0.75 (19.1)	0.63 (15.9)	10000 (689)



Moveable Female ISO Parallel Thread

P BSPP	Px BSPP	Basic Ordering Number	Dimension,in(mm)						Working Pressure psig(bar)
			L	F (Hex)	H (Hex)	B	Bx	E	
1/4	1/4	-MDP-MFG4-MG4	1.42 (36.0)	0.63 (15.9)	0.63 (15.9)	0.18 (4.5)	0.43 (11.0)	0.15 (3.8)	10000 (689)
1/4	3/8	-MDP-MFG4-MG6	1.54 (39.0)	0.81 (20.6)	0.81 (20.6)	0.18 (4.5)	0.47 (12.0)	0.19 (4.7)	10000 (689)
1/4	1/2	-MDP-MFG4-MG8	1.62 (41.2)	1.00 (25.4)	0.63 (15.9)	0.18 (4.5)	0.55 (14.0)	0.19 (4.7)	10000 (689)
3/8	1/4	-MDP-MFG6-MG4	1.57 (40.0)	0.81 (20.6)	0.63 (15.9)	0.25 (6.4)	0.43 (11.0)	0.15 (3.8)	10000 (689)
3/8	3/8	-MDP-MFG6-MG6	1.61 (41.0)	0.81 (20.6)	0.81 (20.6)	0.25 (6.4)	0.47 (12.0)	0.25 (6.4)	10000 (689)
3/8	1/2	-MDP-MFG6-MG8	1.75 (44.5)	1.00 (25.4)	0.81 (20.6)	0.25 (6.4)	0.55 (14.0)	0.31 (7.9)	10000 (689)
1/2	1/2	-MDP-MFG8-MG8	1.82 (46.2)	1.00 (25.4)	0.81 (20.6)	0.28 (7.0)	0.55 (14.0)	0.37 (9.5)	10000 (689)
1/2	3/4	-MDP-MFG8-MG12	1.98 (50.2)	1.25 (31.8)	1.00 (25.4)	0.28 (7.0)	0.63(16.0)	0.44 (11.1)	10000 (689)
3/4	1/2	-MDP-MFG12-MG8	2.02 (51.2)	1.25 (31.8)	1.00 (25.4)	0.35 (9.0)	0.55 (14.0)	0.37 (9.5)	10000 (689)
3/4	3/4	-MDP-MFG12-MG12	2.19 (55.5)	1.25 (31.8)	1.37 (34.9)	0.35 (9.0)	0.63(16.0)	0.50 (12.7)	10000 (689)
3/4	1	-MDP-MFG12-MG16	2.34 (59.5)	1.50 (38.1)	1.37 (34.9)	0.35 (9.0)	0.75 (19.1)	0.63 (15.9)	10000 (689)
1	3/4	-MDP-MFG16-MG12	2.50 (63.5)	1.50 (38.1)	1.75 (44.5)	0.43 (9.8)	0.63(16.0)	0.50 (12.7)	10000 (689)
1	1	-MDP-MFG16-MG16	2.62 (66.5)	1.50 (38.1)	1.75 (44.5)	0.43 (9.8)	0.75 (19.1)	0.63 (15.9)	10000 (689)

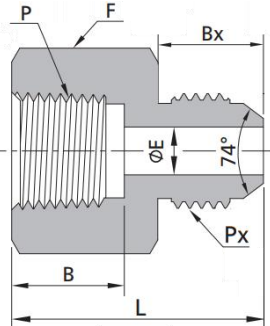
Adapters



Female NPT to Male SAE Thread

P NPT	Px UNF	Basic Ordering Number	Dimension, in (mm)					Working Pressure psig(bar)
			L	F (Hex)	B	Bx	E	
1/8	9/16-18	-MDP-FN2-MS9	1.13 (28.6)	0.63 (15.9)	0.41 (10.4)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
1/4	9/16-18	-MDP-FN4-MS9	1.37 (34.9)	0.94 (23.8)	0.59 (15.0)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
1/4	3/4-16	-MDP-FN4-MS12	1.50 (38.1)	0.94 (23.8)	0.59 (15.0)	0.63 (16.0)	0.29 (7.4)	15000 (1034)
3/8	9/16-18	-MDP-FN6-MS9	1.44 (36.5)	1.13 (28.6)	0.59 (15.0)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
3/8	3/4-16	-MDP-FN6-S12	1.56 (39.7)	1.13 (28.6)	0.59 (15.0)	0.63 (16.0)	0.29 (7.4)	15000 (1034)
1/2	9/16-18	-MDP-FN8-MS9	1.63 (41.3)	1.37 (34.9)	0.78 (19.8)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
1/2	3/4-16	-MDP-FN8-MS12	1.75 (44.5)	1.37 (34.9)	0.78 (19.8)	0.63 (16.0)	0.29 (7.4)	15000 (1034)
1/2	7/8-14	-MDP-FN8-MS14	1.87 (47.6)	1.37 (34.9)	0.78 (19.8)	0.76 (19.2)	0.15 (3.8)	15000 (1034)
3/4	1-12	-MDP-FN8-MS16	1.87 (47.6)	1.50 (38.1)	0.81 (20.6)	0.64 (16.3)	0.39 (10.0)	10000 (689)
1	1.5/16-12	-MDP-FN8-MS21	2.06 (52.4)	1.75 (44.5)	1.00 (25.4)	0.62 (15.8)	0.69 (17.5)	10000 (689)

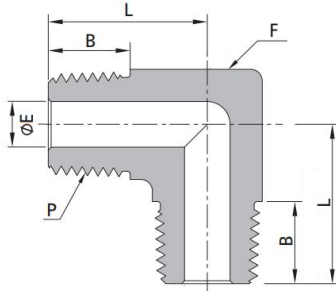
Adapters



Female NPT to Male JIC

P NPT	Px JIC	Basic Ordering Number	Dimension, in (mm)					Working Pressure psig(bar)
			L	F (Hex)	B	Bx	E	
1/8	1/4	-MDP-FN2-AN4	1.09 (27.8)	0.63 (15.9)	0.41 (10.4)	0.55 (14.0)	0.17 (4.4)	15000 (1034)
1/4	1/4	-MDP-FN4-AN4	1.37 (34.9)	0.94 (23.8)	0.59 (15.0)	0.55 (14.0)	0.17 (4.4)	15000 (1034)
1/4	3/8	-MDP-FN4-AN6	1.32 (33.5)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	0.23 (5.8)	15000 (1034)
3/8	3/8	-MDP-FN6-AN6	1.37 (34.9)	1.13 (28.6)	0.59 (15.0)	0.56 (14.2)	0.23 (5.8)	15000 (1034)
3/8	1/2	-MDP-FN6-AN8	1.47 (37.4)	1.13 (28.6)	0.59 (15.0)	0.66 (16.7)	0.31 (7.9)	15000 (1034)
1/2	1/2	-MDP-FN8-AN8	1.72 (43.6)	1.37 (34.9)	0.78 (19.8)	0.66 (16.7)	0.31 (7.9)	15000 (1034)
1/2	5/8	-MDP-FN8-AN10	1.82 (46.2)	1.37 (34.9)	0.78 (19.8)	0.76 (19.3)	0.41 (10.4)	15000 (1034)
1/2	3/4	-MDP-FN8-AN12	1.92 (48.8)	1.37 (34.9)	0.78 (19.8)	0.86 (21.9)	0.46 (11.6)	15000 (1034)
3/4	3/4	-MDP-FN8-AN12	1.89 (48.0)	1.50 (38.1)	0.81 (20.6)	0.86 (21.9)	0.46 (11.6)	10000 (689)
1	1	-MDP-FN8-AN16	2.18 (55.3)	1.75 (44.5)	1.00 (25.4)	0.91 (23.1)	0.84 (21.4)	10000 (689)

Male Elbows



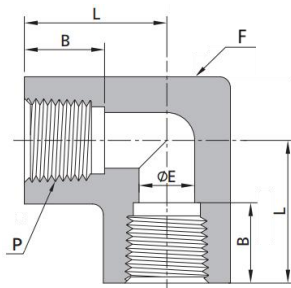
Male NPT Thread

P NPT	Basic Ordering Number	Dimension, in(mm)				Working Pressure psig(bar)
		L	F (Thickness)	B	E	
1/8	-MHE-MN2	0.75 (19.1)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	-MHE-MN4	1.00 (25.4)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	-MHE-MN6	1.10 (28.0)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	-MHE-MN8	1.44 (36.6)	0.87 (22.2)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/4	-MHE-MN12	1.56 (39.6)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (689)
1	-MHE-MN16	1.89 (48.0)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (689)

Male ISO Tapered Pipe Thread

P BSPT	Basic Ordering Number	Dimension, in(mm)				Working Pressure psig(bar)
		L	F (Thickness)	B	E	
1/8	-MHE-MR2	0.75 (19.1)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	-MHE-MR4	1.00 (25.4)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	-MHE-MR6	1.10 (28.0)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	-MHE-MR8	1.44 (36.6)	0.87 (22.2)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/4	-MHE-MR12	1.56 (39.6)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (689)
1	-MHE-MR16	1.89 (48.0)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (689)

Female Elbows



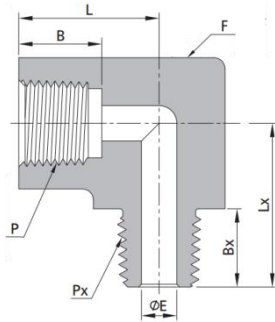
Female NPT Thread

P NPT	Basic Ordering Number	Dimension, in(mm)				Working Pressure psig(bar)
		L	F (Thickness)	B	E	
1/8	-MHF-MN2	0.75 (19.1)	0.63 (15.9)	0.41 (10.4)	0.31 (8.0)	15000 (1034)
1/4	-MHF-MN4	1.00 (25.4)	0.75 (19.1)	0.59 (15.0)	0.41 (10.4)	15000 (1034)
3/8	-MHF-MN6	1.20 (30.6)	1.00 (25.4)	0.59 (15.0)	0.54 (13.8)	15000 (1034)
1/2	-MHF-MN8	1.50 (38.1)	1.37 (34.9)	0.78 (19.8)	0.67 (17.0)	15000 (1034)
3/4	-MHF-MN12	1.50 (38.1)	1.50 (38.1)	0.81 (20.6)	0.88 (22.3)	10000 (689)
1	-MHF-MN16	1.91 (48.5)	1.75 (44.5)	1.00 (25.4)	1.11 (28.2)	10000 (689)

Female ISO Tapered Pipe Thread

P BSPT	Basic Ordering Number	Dimension, in(mm)				Working Pressure psig(bar)
		L	F (Thickness)	B	E	
1/8	-MHF-MR2	0.75 (19.1)	0.63 (15.9)	0.41 (10.4)	0.31 (8.0)	15000 (1034)
1/4	-MHF-MR4	1.00 (25.4)	0.75 (19.1)	0.59 (15.0)	0.41 (10.4)	15000 (1034)
3/8	-MHF-MR6	1.20 (30.6)	1.00 (25.4)	0.59 (15.0)	0.54 (13.8)	15000 (1034)
1/2	-MHF-MR8	1.50 (38.1)	1.37 (34.9)	0.78 (19.8)	0.67 (17.0)	15000 (1034)
3/4	-MHF-MR12	1.50 (38.1)	1.50 (38.1)	0.81 (20.6)	0.88 (22.3)	10000 (689)
1	-MHF-MR16	1.91 (48.5)	1.75 (44.5)	1.00 (25.4)	1.11 (28.2)	10000 (689)

Street Elbows



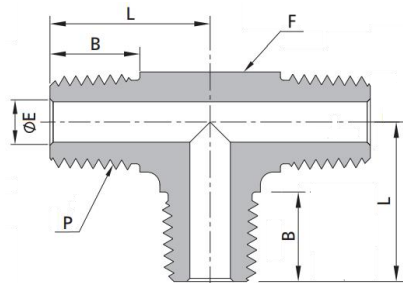
NPT Thread

P NPT	Px NPT	Basic Ordering Number	Dimension, in(mm)						Working Pressure psig(bar)
			L	Lx	F (Thk.)	B	Bx	E	
1/8	1/8	-MSE-FN2-MN2	0.75 (19.1)	0.75 (19.1)	0.63 (15.9)	0.41 (10.4)	0.38 (9.7)	0.31 (8.0)	15000 (1034)
1/4	1/4	-MSE-FN4-MN4	1.00 (25.4)	1.06 (27.0)	0.75 (19.1)	0.59 (15.0)	0.56 (14.2)	0.41 (10.4)	15000 (1034)
3/8	3/8	-MSE-FN6-MN6	1.20 (30.6)	1.20 (30.6)	1.00 (25.4)	0.59 (15.0)	0.56 (14.2)	0.54 (13.8)	15000 (1034)
1/2	1/2	-MSE-FN8-MN8	1.50 (38.1)	1.61 (40.8)	1.37 (34.9)	0.78 (19.8)	0.75 (19.1)	0.67 (17.0)	15000 (1034)
3/4	3/4	-MSE-FN12-MN12	1.50 (38.1)	1.77 (45.0)	1.50 (38.1)	0.81 (20.6)	0.75 (19.1)	0.88 (22.3)	10000 (689)
1	1	-MSE-FN16-MN16	1.91 (48.5)	20.7 (52.5)	1.75 (44.5)	1.00 (25.4)	0.94 (23.9)	1.11 (28.2)	10000 (689)

ISO Tapered Pipe Thread

P BSPT	Px BSPT	Basic Ordering Number	Dimension, in(mm)						Working Pressure psig(bar)
			L	Lx	F (Thk.)	B	Bx	E	
1/8	1/8	-MSE-FR2-MR2	0.75 (19.1)	0.75 (19.1)	0.63 (15.9)	0.41 (10.4)	0.38 (9.7)	0.31 (8.0)	15000 (1034)
1/4	1/4	-MSE-FR4-MR4	1.00 (25.4)	1.06 (27.0)	0.75 (19.1)	0.59 (15.0)	0.56 (14.2)	0.41 (10.4)	15000 (1034)
3/8	3/8	-MSE-FR6-MR6	1.20 (30.6)	1.20 (30.6)	1.00 (25.4)	0.59 (15.0)	0.56 (14.2)	0.54 (13.8)	15000 (1034)
1/2	1/2	-MSE-FR8-MR8	1.50 (38.1)	1.61 (40.8)	1.37 (34.9)	0.78 (19.8)	0.75 (19.1)	0.67 (17.0)	15000 (1034)
3/4	3/4	-MSE-FR12-MR12	1.50 (38.1)	1.77 (45.0)	1.50 (38.1)	0.81 (20.6)	0.75 (19.1)	0.88 (22.3)	10000 (689)
1	1	-MSE-FR16-MR16	1.91 (48.5)	20.7 (52.5)	1.75 (44.5)	1.00 (25.4)	0.94 (23.9)	1.11 (28.2)	10000 (689)

Male Tees



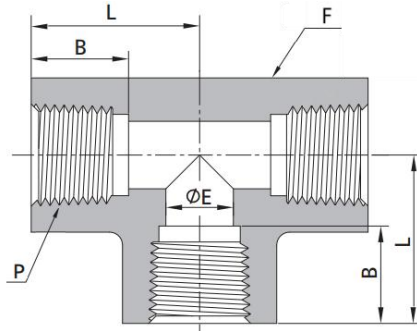
Male NPT Thread

P NPT	Basic Ordering Number	Dimension, in(mm)				Working Pressure psig(bar)
		L	F (Thickness)	B	E	
1/8	-MHT-MN2	0.75 (19.1)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	-MHT-MN4	1.00 (25.4)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	-MHT-MN6	1.10 (28.0)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	-MHT-MN8	1.44 (36.6)	0.87 (22.2)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/4	-MHT-MN12	1.56 (39.6)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (689)
1	-MHT-MN16	1.89 (48.0)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (689)

Male ISO Tapered Pipe Thread

P BSPT	Basic Ordering Number	Dimension, in(mm)				Working Pressure psig(bar)
		L	F (Thickness)	B	E	
1/8	-MHT-MR2	0.75 (19.1)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	-MHT-MR4	1.00 (25.4)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	-MHT-MR6	1.10 (28.0)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	-MHT-MR8	1.44 (36.6)	0.87 (22.2)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/4	-MHT-MR12	1.56 (39.6)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (689)
1	-MHT-MR16	1.89 (48.0)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (689)

Female Tees



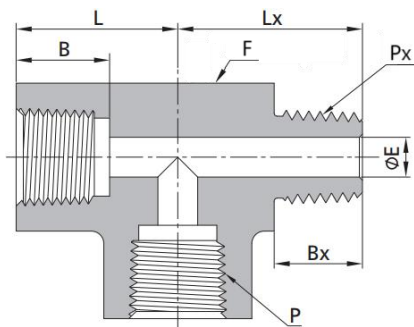
Female NPT Thread

P NPT	Basic Ordering Number	Dimension, in(mm)				Working Pressure psig(bar)
		L	F (Thickness)	B	E	
1/8	-MFT-MN2	0.75 (19.1)	0.63 (15.9)	0.41 (10.4)	0.31 (8.0)	15000 (1034)
1/4	-MFT-MN4	1.00 (25.4)	0.75 (19.1)	0.59 (15.0)	0.41 (10.4)	15000 (1034)
3/8	-MFT-MN6	1.20 (30.6)	1.00 (25.4)	0.59 (15.0)	0.54 (13.8)	15000 (1034)
1/2	-MFT-MN8	1.50 (38.1)	1.37 (34.9)	0.78 (19.8)	0.67 (17.0)	15000 (1034)
3/4	-MFT-MN12	1.50 (38.1)	1.50 (38.1)	0.81 (20.6)	0.88 (22.3)	10000 (689)
1	-MFT-MN16	1.91 (48.5)	1.75 (44.5)	1.00 (25.4)	1.11 (28.2)	10000 (689)

Female ISO Tapered Pipe Thread

P BSPT	Basic Ordering Number	Dimension, in(mm)				Working Pressure psig(bar)
		L	F (Thickness)	B	E	
1/8	-MFT-MR2	0.75 (19.1)	0.63 (15.9)	0.41 (10.4)	0.31 (8.0)	15000 (1034)
1/4	-MFT-MR4	1.00 (25.4)	0.75 (19.1)	0.59 (15.0)	0.41 (10.4)	15000 (1034)
3/8	-MFT-MR6	1.20 (30.6)	1.00 (25.4)	0.59 (15.0)	0.54 (13.8)	15000 (1034)
1/2	-MFT-MR8	1.50 (38.1)	1.37 (34.9)	0.78 (19.8)	0.67 (17.0)	15000 (1034)
3/4	-MFT-MR12	1.50 (38.1)	1.50 (38.1)	0.81 (20.6)	0.88 (22.3)	10000 (689)
1	-MFT-MR16	1.91 (48.5)	1.75 (44.5)	1.00 (25.4)	1.11 (28.2)	10000 (689)

Male Street Tees



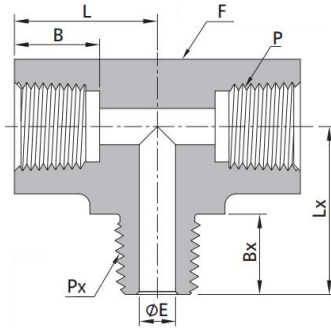
NPT Thread

P NPT	Px NPT	Basic Ordering Number	Dimension, in(mm)						Working Pressure psig(bar)
			L	Lx	F (Thk.)	B	Bx	E	
1/8	1/8	-MST-FN2-MN2	0.75 (19.1)	0.75 (19.1)	0.63 (15.9)	0.41 (10.4)	0.38 (9.7)	0.31 (8.0)	15000 (1034)
1/4	1/4	-MST-FN4-MN4	1.00 (25.4)	1.06 (27.0)	0.75 (19.1)	0.59 (15.0)	0.56 (14.2)	0.41 (10.4)	15000 (1034)
3/8	3/8	-MST-FN6-MN6	1.20 (30.6)	1.20 (30.6)	1.00 (25.4)	0.59 (15.0)	0.56 (14.2)	0.54 (13.8)	15000 (1034)
1/2	1/2	-MST-FN8-MN8	1.50 (38.1)	1.61 (40.8)	1.37 (34.9)	0.78 (19.8)	0.75 (19.1)	0.67 (17.0)	15000 (1034)
3/4	3/4	-MST-FN12-MN12	1.50 (38.1)	1.77 (45.0)	1.50 (38.1)	0.81 (20.6)	0.75 (19.1)	0.88 (22.3)	10000 (689)
1	1	-MST-FN16-MN16	1.91 (48.5)	20.7 (52.5)	1.75 (44.5)	1.00 (25.4)	0.94 (23.9)	1.11 (28.2)	10000 (689)

ISO Tapered Pipe Thread

P BSPT	Px BSPT	Basic Ordering Number	Dimension, in(mm)						Working Pressure psig(bar)
			L	Lx	F (Thk.)	B	Bx	E	
1/8	1/8	-MST-FR2-MR2	0.75 (19.1)	0.75 (19.1)	0.63 (15.9)	0.41 (10.4)	0.38 (9.7)	0.31 (8.0)	15000 (1034)
1/4	1/4	-MST-FR4-MR4	1.00 (25.4)	1.06 (27.0)	0.75 (19.1)	0.59 (15.0)	0.56 (14.2)	0.41 (10.4)	15000 (1034)
3/8	3/8	-MST-FR6-MR6	1.20 (30.6)	1.20 (30.6)	1.00 (25.4)	0.59 (15.0)	0.56 (14.2)	0.54 (13.8)	15000 (1034)
1/2	1/2	-MST-FR8-MR8	1.50 (38.1)	1.61 (40.8)	1.37 (34.9)	0.78 (19.8)	0.75 (19.1)	0.67 (17.0)	15000 (1034)
3/4	3/4	-MST-FR12-MR12	1.50 (38.1)	1.77 (45.0)	1.50 (38.1)	0.81 (20.6)	0.75 (19.1)	0.88 (22.3)	10000 (689)
1	1	-MST-FR16-MR16	1.91 (48.5)	20.7 (52.5)	1.75 (44.5)	1.00 (25.4)	0.94 (23.9)	1.11 (28.2)	10000 (689)

Male Runch Tees



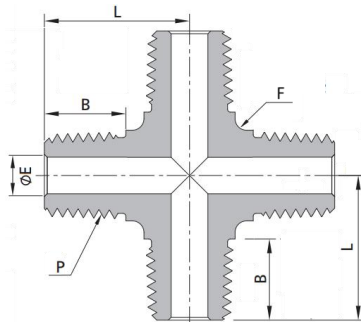
NPT Thread

P NPT	Px NPT	Basic Ordering Number	Dimension, in(mm)						Working Pressure psig(bar)
			L	Lx	F (Thk.)	B	Bx	E	
1/8	1/8	-MRT-FN2-MN2	0.75 (19.1)	0.75 (19.1)	0.63 (15.9)	0.41 (10.4)	0.38 (9.7)	0.31 (8.0)	15000 (1034)
1/4	1/4	-MRT-FN4-MN4	1.00 (25.4)	1.06 (27.0)	0.75 (19.1)	0.59 (15.0)	0.56 (14.2)	0.41 (10.4)	15000 (1034)
3/8	3/8	-MRT-FN6-MN6	1.20 (30.6)	1.20 (30.6)	1.00 (25.4)	0.59 (15.0)	0.56 (14.2)	0.54 (13.8)	15000 (1034)
1/2	1/2	-MRT-FN8-MN8	1.50 (38.1)	1.61 (40.8)	1.37 (34.9)	0.78 (19.8)	0.75 (19.1)	0.67 (17.0)	15000 (1034)
3/4	3/4	-MRT-FN12-MN12	1.50 (38.1)	1.77 (45.0)	1.50 (38.1)	0.81 (20.6)	0.75 (19.1)	0.88 (22.3)	10000 (689)
1	1	-MRT-FN16-MN16	1.91 (48.5)	20.7 (52.5)	1.75 (44.5)	1.00 (25.4)	0.94 (23.9)	1.11 (28.2)	10000 (689)

ISO Tapered Pipe Thread

P BSPT	Px BSPT	Basic Ordering Number	Dimension, in(mm)						Working Pressure psig(bar)
			L	Lx	F (Thk.)	B	Bx	E	
1/8	1/8	-MRT-FR2-MR2	0.75 (19.1)	0.75 (19.1)	0.63 (15.9)	0.41 (10.4)	0.38 (9.7)	0.31 (8.0)	15000 (1034)
1/4	1/4	-MRT-FR4-MR4	1.00 (25.4)	1.06 (27.0)	0.75 (19.1)	0.59 (15.0)	0.56 (14.2)	0.41 (10.4)	15000 (1034)
3/8	3/8	-MTR-FR6-MR6	1.20 (30.6)	1.20 (30.6)	1.00 (25.4)	0.59 (15.0)	0.56 (14.2)	0.54 (13.8)	15000 (1034)
1/2	1/2	-MTR-FR8-MR8	1.50 (38.1)	1.61 (40.8)	1.37 (34.9)	0.78 (19.8)	0.75 (19.1)	0.67 (17.0)	15000 (1034)
3/4	3/4	-MRT-FR12-MR12	1.50 (38.1)	1.77 (45.0)	1.50 (38.1)	0.81 (20.6)	0.75 (19.1)	0.88 (22.3)	10000 (689)
1	1	-MRT-FR16-MR16	1.91 (48.5)	20.7 (52.5)	1.75 (44.5)	1.00 (25.4)	0.94 (23.9)	1.11 (28.2)	10000 (689)

Male Crosses



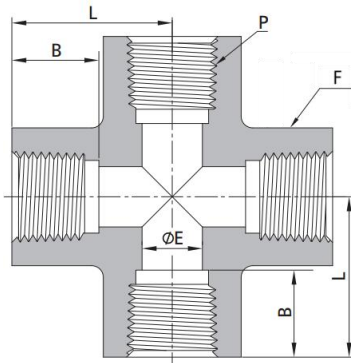
Male NPT Thread

P NPT	Basic Ordering Number	Dimension, in(mm)				Working Pressure psig(bar)
		L	F (Thickness)	B	E	
1/8	-MXC-MN2	0.75 (19.1)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	-MXC-MN4	1.00 (25.4)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	-MXC-MN6	1.10 (28.0)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	-MXC-MN8	1.44 (36.6)	0.87 (22.2)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/4	-MXC-MN12	1.56 (39.6)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (689)
1	-MXC-MN16	1.89 (48.0)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (689)

Male ISO Tapered Pipe Thread

P BSPT	Basic Ordering Number	Dimension, in(mm)				Working Pressure psig(bar)
		L	F (Thickness)	B	E	
1/8	-MXC-MR2	0.75 (19.1)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	-MXC-MR4	1.00 (25.4)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	-MXC-MR6	1.10 (28.0)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	-MXC-MR8	1.44 (36.6)	0.87 (22.2)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/4	-MXC-MR12	1.56 (39.6)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (689)
1	-MXC-MR16	1.89 (48.0)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (689)

Female Crosses



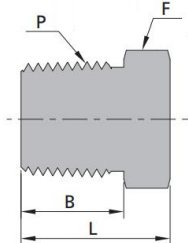
Female NPT Thread

P NPT	Basic Ordering Number	Dimension,in(mm)				Working Pressure psig(bar)
		L	F (Thickness)	B	E	
1/8	-MXF-MN2	0.75 (19.1)	0.63 (15.9)	0.41 (10.4)	0.31 (8.0)	15000 (1034)
1/4	-MFX-MN4	1.00 (25.4)	0.75 (19.1)	0.59 (15.0)	0.41 (10.4)	15000 (1034)
3/8	-MXF-MN6	1.20 (30.6)	1.00 (25.4)	0.59 (15.0)	0.54 (13.8)	15000 (1034)
1/2	-MXF-MN8	1.50 (38.1)	1.37 (34.9)	0.78 (19.8)	0.67 (17.0)	15000 (1034)
3/4	-MXF-MN12	1.50 (38.1)	1.50 (38.1)	0.81 (20.6)	0.88 (22.3)	10000 (689)
1	-MXF-MN16	1.91 (48.5)	1.75 (44.5)	1.00 (25.4)	1.11 (28.2)	10000 (689)

Female ISO Tapered Pipe Thread

P BSPT	Basic Ordering Number	Dimension,in(mm)				Working Pressure psig(bar)
		L	F (Thickness)	B	E	
1/8	-MXF-MR2	0.75 (19.1)	0.63 (15.9)	0.41 (10.4)	0.31 (8.0)	15000 (1034)
1/4	-MXF-MR4	1.00 (25.4)	0.75 (19.1)	0.59 (15.0)	0.41 (10.4)	15000 (1034)
3/8	-MXF-MR6	1.20 (30.6)	1.00 (25.4)	0.59 (15.0)	0.54 (13.8)	15000 (1034)
1/2	-MXF-MR8	1.50 (38.1)	1.37 (34.9)	0.78 (19.8)	0.67 (17.0)	15000 (1034)
3/4	-MXF-MR12	1.50 (38.1)	1.50 (38.1)	0.81 (20.6)	0.88 (22.3)	10000 (689)
1	-MXF-MR16	1.91 (48.5)	1.75 (44.5)	1.00 (25.4)	1.11 (28.2)	10000 (689)

Pipe Plugs



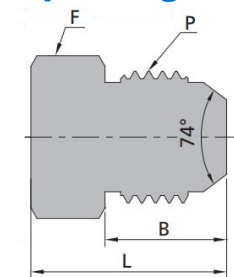
Male NPT Thread

P NPT	Basic Ordering Number	Dimension,in(mm)			Working Pressure psig(bar)
		L	F (Hex)	B	
1/8	-MPL-MN2	0.63 (16.0)	0.44 (11.1)	0.38 (9.7)	15000 (1034)
1/4	-MPL-MN4	0.87 (22.2)	0.56 (14.3)	0.56 (14.2)	15000 (1034)
3/8	-MPL-MN6	0.93 (23.6)	0.69 (17.5)	0.56 (14.2)	15000 (1034)
1/2	-MPL-MN8	1.16 (29.5)	0.87 (22.2)	0.75 (19.1)	15000 (1034)
3/4	-MPL-MN12	1.25 (31.8)	1.06 (27.0)	0.75 (19.1)	10000 (689)
1	-MPL-MN16	1.55 (39.3)	1.37 (34.9)	0.94 (23.9)	10000 (689)

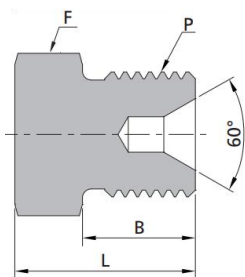
Male ISO Tapered Thread

P BSPT	Basic Ordering Number	Dimension,in(mm)			Working Pressure psig(bar)
		L	F (Hex)	B	
1/8	-MPL-MR2	0.63 (16.0)	0.44 (11.1)	0.38 (9.7)	15000 (1034)
1/4	-MPL-MR4	0.87 (22.2)	0.56 (14.3)	0.56 (14.2)	15000 (1034)
3/8	-MPL-MR6	0.93 (23.6)	0.69 (17.5)	0.56 (14.2)	15000 (1034)
1/2	-MPL-MR8	1.16 (29.5)	0.87 (22.2)	0.75 (19.1)	15000 (1034)
3/4	-MPL-MR12	1.25 (31.8)	1.06 (27.0)	0.75 (19.1)	10000 (689)
1	-MPL-MR16	1.55 (39.3)	1.37 (34.9)	0.94 (23.9)	10000 (689)

Pipe Plugs



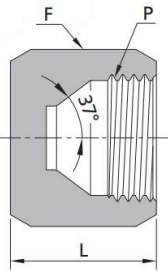
Male JIC					
P NPT	Basic Ordering Number	Dimension,in(mm)			Working Pressure psig(bar)
		L	F (Hex)	B	
1/4	-MPL-AN4	0.83 (21.0)	0.50 (12.7)	0.55 (14.0)	20000 (1379)
3/8	-MPL-AN6	0.89 (22.7)	0.63 (15.9)	0.56 (14.2)	20000 (1379)
1/2	-MPL-AN8	1.05 (26.7)	0.81 (20.6)	0.66 (16.7)	20000 (1379)
5/8	-MPL-AN10	1.19 (30.3)	0.94 (23.8)	0.76 (19.3)	20000 (1379)
3/4	-MPL-AN12	1.37 (34.9)	1.13 (28.6)	0.86 (21.9)	15000 (1034)
1	-MPL-AN16	1.51 (38.3)	1.37 (34.9)	0.91 (23.1)	15000 (1034)



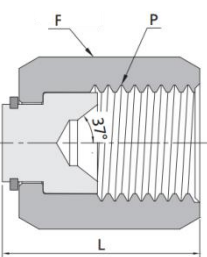
Male SAE Thread					
P UNF	Basic Ordering Number	Dimension,in(mm)			Working Pressure psig(bar)
		L	F (Hex)	B	
9/18-18	-MPL-MS9	0.84 (21.3)	0.63 (15.9)	0.50 (12.7)	60000 (4137)
3/4-16	-MPL-MS12	1.01 (25.6)	0.81 (20.6)	0.63 (16.0)	30000 (2068)
7/8-14	-MPL-MS14	1.21 (30.8)	0.94 (23.8)	0.76 (19.3)	50000 (3447)
1-12	-MPL-MS16	1.10 (27.9)	1.13 (28.6)	0.64 (16.3)	30000 (2068)
1.5/16-12	-MPL-MS21	1.22 (30.9)	1.37 (34.9)	0.62 (15.7)	20000 (1379)

Pipe Caps

Female JIC

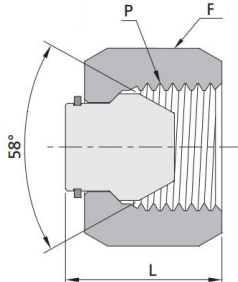
	P JIC	Basic Ordering Number	Dimension,in(mm)		Working Pressure psig(bar)
			L	F (Hex)	
	1/4	-MPC-AF4	0.63 (16.1)	0.56 (14.3)	20000 (1379)
	3/8	-MPC-AF6	0.72 (18.3)	0.69 (17.5)	20000 (1379)
	1/2	-MPC-AF8	0.85 (21.6)	0.87 (22.2)	20000 (1379)
	5/8	-MPC-AF10	0.98 (24.9)	1.00 (25.4)	20000 (1379)
	3/4	-MPC-AF12	1.06 (26.8)	1.25 (31.8)	15000 (1034)
	1	-MPC-AF16	1.18 (30.0)	1.50 (38.1)	15000 (1034)

Moveable Female JIC

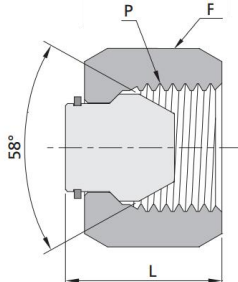
	P JIC	Basic Ordering Number	Dimension,in(mm)		Working Pressure psig(bar)
			L	F (Hex)	
	1/4	-MPC-MAF4	0.70 (17.8)	0.56 (14.3)	20000 (1379)
	3/8	-MPC-MAF6	0.81 (20.5)	0.69 (17.5)	20000 (1379)
	1/2	-MPC-MAF8	0.94 (23.9)	0.87 (22.2)	20000 (1379)
	5/8	-MPC-MAF10	1.07 (27.1)	1.00 (25.4)	20000 (1379)
	3/4	-MPC-MAF12	1.24 (31.6)	1.25 (31.8)	15000 (1034)
	1	-MPC-AF16	1.29 (32.8)	1.50 (38.1)	15000 (1034)

Pipe Caps

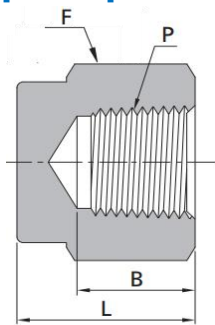
Moveable Female SAE Thread

	P UNF	Basic Ordering Number	Dimension,in(mm)		Working Pressure psig(bar)
			L	F (Hex)	
	9/16-18	-MPC-MFS9	0.85 (21.6)	0.69 (17.5)	60000 (4137)
	3/4-18	-MPC-MFS12	0.91 (23.1)	1.00 (25.4)	30000 (2068)
	7/8-14	-MPC-MFS14	1.28 (32.5)	1.19 (30.2)	50000 (3447)
	1-14	-MPC-MFS16	1.25 (31.8)	1.25 (31.8)	30000 (2068)
	1.5/16-12	-MPC-MFS21	1.18 (30.0)	1.50 (38.1)	20000 (1379)

Moveable Female ISO Parallel Thread

	P BSPP	Basic Ordering Number	Dimension,in(mm)		Working Pressure psig(bar)
			L	F (Hex)	
	1/4	-MPC-MFG4	0.70 (17.8)	0.63 (15.9)	20000 (1379)
	3/8	-MPC-MFG6	0.78 (19.8)	0.81 (20.6)	20000 (1379)
	1/2	-MPC-MFG8	0.94 (23.9)	1.00 (25.4)	20000 (1379)
	3/4	-MPC-MFG12	1.06 (26.9)	1.25 (31.8)	20000 (1379)
	1	-MPC-MFG16	1.33 (33.8)	1.50 (38.1)	20000 (1379)

Pipe Caps



Male NPT Thread

P NPT	Basic Ordering Number	Dimension,in(mm)			Working Pressure psig(bar)
		L	F (Hex)	B	
1/8	-MPC-MN2	0.75 (19.1)	0.63 (15.9)	0.41 (10.4)	15000 (1034)
1/4	-MPC-MN4	0.91 (23.1)	0.94 (23.8)	0.59 (15.0)	15000 (1034)
3/8	-MPC-MN6	1.03 (26.2)	1.13 (28.6)	0.59 (15.0)	15000 (1034)
1/2	-MPC-MN8	1.34 (34.0)	1.37 (34.9)	0.78 (19.8)	15000 (1034)
3/4	-MPC-MN12	1.44 (36.6)	1.50 (38.1)	0.81 (20.6)	10000 (689)
1	-MPC-MN16	1.62 (41.1)	1.75 (44.5)	1.00 (25.4)	10000 (689)

Male ISO Tapered Thread

P BSPT	Basic Ordering Number	Dimension,in(mm)			Working Pressure psig(bar)
		L	F (Hex)	B	
1/8	-MPC-MR2	0.75 (19.1)	0.63 (15.9)	0.41 (10.4)	15000 (1034)
1/4	-MPC-MR4	0.91 (23.1)	0.94 (23.8)	0.59 (15.0)	15000 (1034)
3/8	-MPC-MR6	1.03 (26.2)	1.13 (28.6)	0.59 (15.0)	15000 (1034)
1/2	-MPC-MR8	1.34 (34.0)	1.37 (34.9)	0.78 (19.8)	15000 (1034)
3/4	-MPC-MR12	1.44 (36.6)	1.50 (38.1)	0.81 (20.6)	10000 (689)
1	-MPC-MR16	1.62 (41.1)	1.75 (44.5)	1.00 (25.4)	10000 (689)

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