



High Pressure Tools

MCT1, MTT1 and MTR1 Series

Coning Tools

❖ CIR-LOK Coning Tools provide 1/4", 3/8", 9/16" diameter selection, it is used to make conical surfaces on tubing



Threading Tools

❖ CIR-LOK Threading Tools provide 1/4", 3/8", 9/16" diameter selection, it is used to make threads on tubing



Reseating Tools

❖ Reseating Tools provide 1/4", 3/8", 9/16" diameter selection, it is used for female tubing connection cone seat



How to Order

MCT1	—	MPF4
Tool Series	Connection Type	Connection Size
MCT1 Coning Tools	MPF Medium Pressure Connection	4 1/4 in.
MTT1 Threading Tools	HPF High Pressure Connection	6 3/8 in.
MRT1 Reseating Tools		9 9/16 in.



High Pressure Adapters and Couplings

LMH Series

High Pressure Adapters and Couplings

LMH Series Series

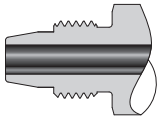
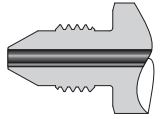
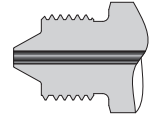
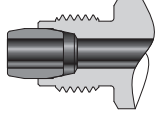
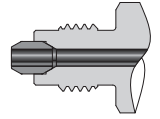
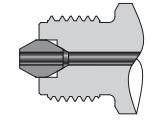
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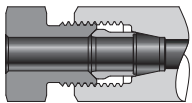
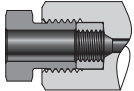
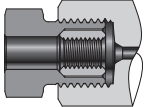
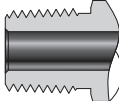
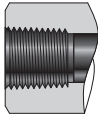
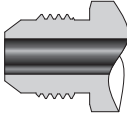
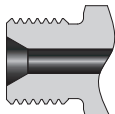
- ❖ Male to Male Adapters
- ❖ Male to Female Adapters
- ❖ Female to Male Adapters
- ❖ Female to Female Couplings
- ❖ Fittings can be manufactured to meet NACE MR0175/ISO 15156
- ❖ Antivibration connection components are available
- ❖ Strain-hardened 316 stainless steel standard, other materials available on request

How to Order

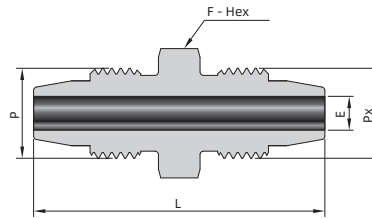
- ❖ To order CIR-LOK low, medium and high pressure adapters and couplings, add the material designator(316, A825) to the ordering number.
- ❖ Low, medium and high pressure male end connection, one-piece design is standard, to order two-piece design add -TP to the ordering number

End Connection Configuration, Size and Working Pressure

End Connection	Configuration	Size	Working Pressure psig (bar)
Low Pressure Male		1/8" : LPF2 1/4" : LPF4 3/8" : LPF6 1/2" : LPF8	15,000 (1,034)
Medium Pressure Male		1/4" : MPF4 3/8" : MPF6 9/16" : MPF9 3/4" : MPF12 1" : MPF16	20,000 (1,379)
High Pressure Male		1/4" : HPF4 3/8" : HPF6 9/16" : HPF9	60,000 (4,137)
Low Pressure Male (Two-piece Design)		1/8" : LPF2 1/4" : LPF4 3/8" : LPF6 1/2" : LPF8	15,000 (1,034)
Medium Pressure Male (Two-piece Design)		1/4" : MPF4 3/8" : MPF6 9/16" : MPF9 3/4" : MPF12 1" : MPF16	20,000 (1,379)
High Pressure Male (Two-piece Design)		1/4" : HPF4 3/8" : HPF6 9/16" : HPF9	60,000 (4,137)

End Connection	Configuration	Size	Working Pressure psig (bar)
Low Pressure Female		1/8" : LPF2 1/4" : LPF4 3/8" : LPF6	15,000 (1,034)
		1/2" : LPF8	10,000(690)
Medium Pressure Female		1/4" : MPF4 3/8" : MPF6 9/16" : MPF9 3/4" : MPF12 1" : MPF16	20,000 (1,379)
High Pressure Female		1/4" : HPF4 3/8" : HPF6 9/16" : HPF9	60,000 (4,137)
Male NPT Thread		1/4" : NPT4 3/8" : NPT6 1/2" : NPT8	15,000 (1,034)
		3/4" : NPT12 1" : NPT16	10,000 (689)
Female NPT Thread		1/4" : FNPT4 3/8" : FNPT6 1/2" : FNPT8	15,000 (1,034)
		3/4" : FNPT12 1" : FNPT16	10,000 (689)
Male JIC		7/16-20: AN4 9/16-18: AN6 3/4-16: AN8 7/8-14: AN10	20,000 (1,379)
		1-1/16-12: AN12 1-5/16-12: AN16	15,000 (1,034)
Type M hose		9/16-18: RH9 3/4-16: RH12 7/8-14: RH14	30,000 (2,068)
		1-12: RH16 1-5/16-12: RH21	20,000 (1,379)

Low Pressure Male to Low Pressure Male

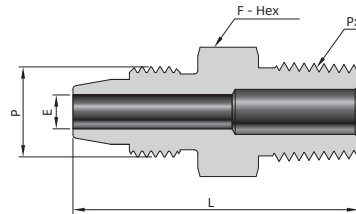


Low Pressure Male

Low Pressure Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
LPF2	LPF2	LPF2-MTM-LPF2-	1.37 (34.9)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
LPF4	LPF2	LPF4-MTM-LPF2-	1.63 (41.3)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
LPF4	LPF4	LPF4-MTM-LPF4-	1.75 (44.5)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
LPF6	LPF2	LPF6-MTM-LPF2-	1.69 (42.9)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
LPF6	LPF4	LPF6-MTM-LPF4-	1.87 (47.6)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
LPF6	LPF6	LPF6-MTM-LPF6-	1.87 (47.6)	0.75 (19.1)	0.25 (6.4)	15000 (1034)
LPF8	LPF2	LPF8-MTM-LPF2-	1.81 (46.0)	0.94 (23.8)	0.09 (2.4)	10000 (690)
LPF8	LPF4	LPF8-MTM-LPF4-	2.00 (50.8)	0.94 (23.8)	0.19 (4.8)	10000 (690)
LPF8	LPF6	LPF8-MTM-LPF6-	2.00 (50.8)	0.94 (23.8)	0.25 (6.4)	10000 (690)
LPF8	LPF8	LPF8-MTM-LPF8-	2.06 (52.4)	0.94 (23.8)	0.37 (9.5)	10000 (690)

Low Pressure Male to Male NPT Threads



Low Pressure Male

Male NPT Threads

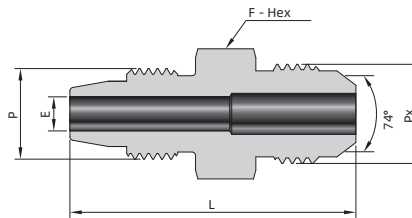
P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
LPF2	1/8" NPT	LPF2-MTM-NPT2-	1.19 (30.2)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
LPF2	1/4" NPT	LPF2-MTM-NPT4-	1.44 (36.5)	0.56 (14.3)	0.09 (2.4)	15000 (1034)
LPF2	3/8" NPT	LPF2-MTM-NPT6-	1.50 (38.1)	0.69 (17.5)	0.09 (2.4)	15000 (1034)
LPF2	1/2" NPT	LPF2-MTM-NPT8-	1.75 (44.5)	0.87 (22.2)	0.09 (2.4)	15000 (1034)
LPF2	3/4" NPT	LPF2-MTM-NPT12-	1.81 (46.0)	1.06 (27.0)	0.09 (2.4)	10000 (690)
LPF2	1" NPT	LPF2-MTM-NPT16-	2.13 (54.0)	1.37 (34.9)	0.09 (2.4)	10000 (690)
LPF4	1/8" NPT	LPF4-MTM-NPT2-	1.44 (36.5)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
LPF4	1/4" NPT	LPF4-MTM-NPT4-	1.63 (41.3)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
LPF4	3/8" NPT	LPF4-MTM-NPT6-	1.63 (41.3)	0.69 (17.5)	0.19 (4.8)	15000 (1034)
LPF4	1/2" NPT	LPF4-MTM-NPT8-	1.87 (47.6)	0.87 (22.2)	0.19 (4.8)	15000 (1034)
LPF4	3/4" NPT	LPF4-MTM-NPT12-	1.94 (49.2)	1.06 (27.0)	0.19 (4.8)	10000 (690)
LPF4	1" NPT	LPF4-MTM-NPT16-	2.25 (57.2)	1.37 (34.9)	0.19 (4.8)	10000 (690)

Low Pressure Male

Male NPT Threads

P-Connection Type	PX-Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
LPF6	1/8" NPT	LPF6-MTM-NPT2-	1.50 (38.1)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
LPF6	1/4" NPT	LPF6-MTM-NPT4-	1.69 (42.9)	0.75 (19.1)	0.25 (6.4)	15000 (1034)
LPF6	3/8" NPT	LPF6-MTM-NPT6-	1.69 (42.9)	0.75 (19.1)	0.25 (6.4)	15000 (1034)
LPF6	1/2" NPT	LPF6-MTM-NPT8-	1.94 (49.2)	0.87 (22.2)	0.25 (6.4)	15000 (1034)
LPF6	3/4" NPT	LPF6-MTM-NPT12-	2.00 (50.8)	1.06 (27.0)	0.25 (6.4)	10000 (690)
LPF6	1" NPT	LPF6-MTM-NPT16-	2.31 (58.7)	1.37 (34.9)	0.25 (6.4)	10000 (690)
LPF8	1/8" NPT	LPF8-MTM-NPT2-	1.63 (41.3)	0.94 (23.8)	0.19 (4.8)	10000 (690)
LPF8	1/4" NPT	LPF8-MTM-NPT4-	1.81 (46.0)	0.94 (23.8)	0.25 (6.4)	10000 (690)
LPF8	3/8" NPT	LPF8-MTM-NPT6-	1.81 (46.0)	0.94 (23.8)	0.31 (7.9)	10000 (690)
LPF8	1/2" NPT	LPF8-MTM-NPT8-	2.00 (50.8)	0.94 (23.8)	0.37 (9.5)	10000 (690)
LPF8	3/4" NPT	LPF8-MTM-NPT12-	2.06 (52.4)	1.06 (27.0)	0.37 (9.5)	10000 (690)
LPF8	1" NPT	LPF8-MTM-NPT16-	2.37 (60.3)	1.37 (34.9)	0.37 (9.5)	10000 (690)

Low Pressure Male to Male JIC

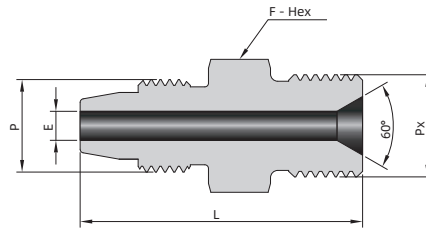


Low Pressure Male

Male JIC

P-Connection Type	PX-Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
LPF2	1/4" JIC	LPF2-MTM-AN4-	1.37 (34.9)	0.50 (12.7)	0.09 (2.4)	15000(1034)
LPF2	3/8" JIC	LPF2-MTM-AN6-	1.44 (36.5)	0.63 (15.9)	0.09 (2.4)	15000(1034)
LPF2	1/2" JIC	LPF2-MTM-AN8-	1.63 (41.3)	0.81 (20.6)	0.09 (2.4)	15000(1034)
LPF2	5/8" JIC	LPF2-MTM-AN10-	1.75 (44.5)	0.94 (23.8)	0.09 (2.4)	15000(1034)
LPF2	3/4" JIC	LPF2-MTM-AN12-	1.94 (49.2)	1.13 (28.6)	0.09 (2.4)	15000(1034)
LPF2	1" JIC	LPF2-MTM-AN16-	2.06 (52.4)	1.37 (34.9)	0.09 (2.4)	15000(1034)
LPF4	1/4" JIC	LPF4-MTM-AN4-	1.63 (41.3)	0.63 (15.9)	0.17 (4.4)	15000(1034)
LPF4	3/8" JIC	LPF4-MTM-AN6-	1.63 (41.3)	0.63 (15.9)	0.19 (4.8)	15000(1034)
LPF4	1/2" JIC	LPF4-MTM-AN8-	1.75 (44.5)	0.81 (20.6)	0.19 (4.8)	15000(1034)
LPF4	5/8" JIC	LPF4-MTM-AN10-	1.94 (49.2)	0.94 (23.8)	0.19 (4.8)	15000(1034)
LPF4	3/4" JIC	LPF4-MTM-AN12-	2.06 (52.4)	1.13 (28.6)	0.19 (4.8)	15000(1034)
LPF4	1" JIC	LPF4-MTM-AN16-	2.25 (57.2)	1.37 (34.9)	0.19 (4.8)	15000(1034)
LPF6	1/4" JIC	LPF6-MTM-AN4-	1.69 (42.9)	0.75 (19.1)	0.17 (4.4)	15000(1034)
LPF6	3/8" JIC	LPF6-MTM-AN6-	1.69 (42.9)	0.75 (19.1)	0.23 (5.8)	15000(1034)
LPF6	1/2" JIC	LPF6-MTM-AN8-	1.81 (46.0)	0.81 (20.6)	0.25 (6.4)	15000(1034)
LPF6	5/8" JIC	LPF6-MTM-AN10-	1.94 (49.2)	0.94 (23.8)	0.25 (6.4)	15000(1034)
LPF6	3/4" JIC	LPF6-MTM-AN12-	2.13 (54.0)	1.13 (28.6)	0.25 (6.4)	15000(1034)
LPF6	1" JIC	LPF6-MTM-AN16-	2.25 (57.2)	1.37 (34.9)	0.25 (6.4)	15000(1034)
LPF8	1/4" JIC	LPF8-MTM-AN4-	1.81 (46.0)	0.94 (23.8)	0.17 (4.4)	10000 (690)
LPF8	3/8" JIC	LPF8-MTM-AN6-	1.81 (46.0)	0.94 (23.8)	0.23 (5.8)	10000 (690)
LPF8	1/2" JIC	LPF8-MTM-AN8-	1.94 (49.2)	0.94 (23.8)	0.31 (8.0)	10000 (690)
LPF8	5/8" JIC	LPF8-MTM-AN10-	2.00 (50.8)	0.94 (23.8)	0.37 (9.4)	10000 (690)
LPF8	3/4" JIC	LPF8-MTM-AN12-	2.19 (55.6)	1.13 (28.6)	0.37 (9.5)	10000 (690)
LPF8	1" JIC	LPF8-MTM-AN16-	2.31 (58.7)	1.37 (34.9)	0.37 (9.5)	10000 (690)

Low Pressure Male to Type M hose Male

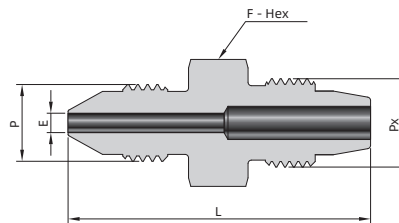


Low Pressure Male

Type M hose Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
LPF2	RH9	LPF2-MTM-RH9-	1.38 (35.1)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
LPF2	RH12	LPF2-MTM-RH12-	1.55 (39.4)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
LPF2	RH14	LPF2-MTM-RH14-	1.76 (44.6)	1.00 (25.4)	0.09 (2.4)	15000 (1034)
LPF2	RH16	LPF2-MTM-RH16-	1.64 (41.7)	1.00 (25.4)	0.09 (2.4)	15000 (1034)
LPF2	RH21	LPF2-MTM-RH21-	1.76 (44.7)	1.37 (34.9)	0.09 (2.4)	15000 (1034)
LPF4	RH9	LPF4-MTM-RH9-	1.54 (39.0)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
LPF4	RH12	LPF4-MTM-RH12-	1.70 (43.3)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
LPF4	RH14	LPF4-MTM-RH14-	1.91 (48.5)	1.00 (25.4)	0.15 (3.8)	15000 (1034)
LPF4	RH16	LPF4-MTM-RH16-	1.80 (45.6)	1.00 (25.4)	0.19 (4.8)	15000 (1034)
LPF4	RH21	LPF4-MTM-RH21-	1.91 (48.6)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
LPF6	RH9	LPF6-MTM-RH9-	1.63 (41.3)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
LPF6	RH12	LPF6-MTM-RH12-	1.76 (44.6)	0.75 (19.1)	0.25 (6.4)	15000 (1034)
LPF6	RH14	LPF6-MTM-RH14-	1.95 (49.6)	1.00 (25.4)	0.15 (3.8)	15000 (1034)
LPF6	RH16	LPF6-MTM-RH16-	1.85 (46.9)	1.00 (25.4)	0.25 (6.4)	15000 (1034)
LPF6	RH21	LPF6-MTM-RH21-	1.96 (49.9)	1.37 (34.9)	0.25 (6.4)	15000 (1034)
LPF8	RH9	LPF8-MTM-RH9-	1.73 (44.0)	0.94 (23.8)	0.09 (2.4)	10000 (690)
LPF8	RH12	LPF8-MTM-RH12-	1.86 (47.3)	0.94 (23.8)	0.29 (7.4)	10000 (690)
LPF8	RH14	LPF8-MTM-RH14-	2.01 (51.1)	1.00 (25.4)	0.15 (3.8)	10000 (690)
LPF8	RH16	LPF8-MTM-RH16-	1.90 (48.2)	1.00 (25.4)	0.37 (9.5)	10000 (690)
LPF8	RH21	LPF8-MTM-RH21-	2.02 (51.2)	1.37 (34.9)	0.37 (9.5)	10000 (690)

Medium Pressure Male to Low Pressure Male



Medium Pressure Male

Low Pressure Male

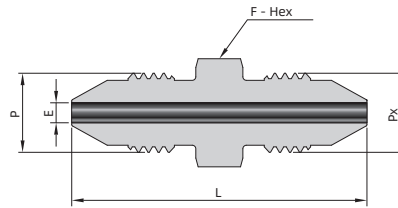
P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
MPF4	LPF2	MPF4-MTM-LPF2-	1.50 (38.1)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
MPF4	LPF4	MPF4-MTM-LPF4-	1.75 (44.5)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
MPF4	LPF6	MPF4-MTM-LPF6-	1.81 (46.0)	0.75 (19.1)	0.11 (2.8)	15000 (1034)
MPF4	LPF8	MPF4-MTM-LPF8-	1.94 (49.2)	0.94 (23.8)	0.11 (2.8)	10000 (690)
MPF6	LPF2	MPF6-MTM-LPF2-	1.75 (44.5)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
MPF6	LPF4	MPF6-MTM-LPF4-	1.87 (47.6)	0.63 (15.9)	0.19 (4.8)	15000 (1034)

Medium Pressure Male

Low Pressure Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
MPF6	LPF6	MPF6-MTM-LPF6-	1.94 (49.2)	0.75 (19.1)	0.20 (5.2)	15000 (1034)
MPF6	LPF8	MPF6-MTM-LPF8-	2.06 (52.4)	0.94 (23.8)	0.20 (5.2)	10000 (690)
MPF9	LPF2	MPF9-MTM-LPF2-	2.00 (50.8)	0.94 (23.8)	0.09 (2.4)	15000 (1034)
MPF9	LPF4	MPF9-MTM-LPF4-	2.19 (55.6)	0.94 (23.8)	0.19 (4.8)	15000 (1034)
MPF9	LPF6	MPF9-MTM-LPF6-	2.19 (55.6)	0.94 (23.8)	0.25 (6.4)	15000 (1034)
MPF9	LPF8	MPF9-MTM-LPF8-	2.25 (57.2)	0.94 (23.8)	0.31 (7.9)	10000 (690)
MPF12	LPF2	MPF12-MTM-LPF2-	2.25 (57.2)	1.18 (30)	0.09 (2.4)	15000 (1034)
MPF12	LPF4	MPF12-MTM-LPF4-	2.44 (61.9)	1.18 (30)	0.19 (4.8)	15000 (1034)
MPF12	LPF6	MPF12-MTM-LPF6-	2.50 (63.5)	1.18 (30)	0.25 (6.4)	15000 (1034)
MPF12	LPF8	MPF12-MTM-LPF8-	2.50 (63.5)	1.18 (30)	0.37 (9.5)	10000 (690)
MPF16	LPF2	MPF16-MTM-LPF2-	2.81 (71.4)	1.50 (38.1)	0.09 (2.4)	15000 (1034)
MPF16	LPF4	MPF16-MTM-LPF4-	3.00 (76.2)	1.50 (38.1)	0.19 (4.8)	15000 (1034)
MPF16	LPF6	MPF16-MTM-LPF6-	3.06 (77.8)	1.50 (38.1)	0.37 (9.5)	15000 (1034)
MPF16	LPF8	MPF16-MTM-LPF8-	3.06 (77.8)	1.50 (38.1)	0.37 (9.5)	10000 (690)

Medium Pressure Male to Medium Pressure Male

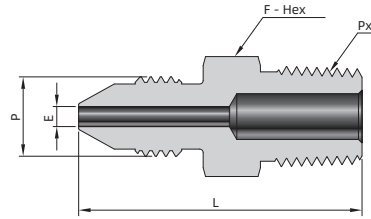


Medium Pressure Male

Medium Pressure Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
MPF4	MPF4	MPF4-MTM-MPF4-	1.63 (41.3)	0.50 (12.7)	0.11 (2.8)	20000 (1379)
MPF6	MPF4	MPF6-MTM-MPF4-	1.87 (47.6)	0.63 (15.9)	0.11 (2.8)	20000 (1379)
MPF6	MPF6	MPF6-MTM-MPF6-	2.00 (50.8)	0.63 (15.9)	0.20 (5.2)	20000 (1379)
MPF9	MPF4	MPF9-MTM-MPF4-	2.13 (54.0)	0.94 (23.8)	0.11 (2.8)	20000 (1379)
MPF9	MPF6	MPF9-MTM-MPF6-	2.31 (58.7)	0.94 (23.8)	0.20 (5.2)	20000 (1379)
MPF9	MPF9	MPF9-MTM-MPF9-	2.50 (63.5)	0.94 (23.8)	0.31 (7.9)	20000 (1379)
MPF12	MPF4	MPF12-MTM-MPF4-	2.44 (61.9)	1.18 (30)	0.11 (2.8)	20000 (1379)
MPF12	MPF6	MPF12-MTM-MPF6-	2.56 (65.1)	1.18 (30)	0.20 (5.2)	20000 (1379)
MPF12	MPF9	MPF12-MTM-MPF9-	2.75 (69.9)	1.18 (30)	0.31 (7.9)	20000 (1379)
MPF12	MPF12	MPF12-MTM-MPF12-	2.94 (74.6)	1.18 (30)	0.44 (11.1)	20000 (1379)
MPF16	MPF4	MPF16-MTM-MPF4-	3.00 (76.2)	1.50 (38.1)	0.11 (2.8)	20000 (1379)
MPF16	MPF6	MPF16-MTM-MPF6-	3.13 (79.4)	1.50 (38.1)	0.20 (5.2)	20000 (1379)
MPF16	MPF9	MPF16-MTM-MPF9-	3.31 (84.2)	1.50 (38.1)	0.31 (7.9)	20000 (1379)
MPF16	MPF12	MPF16-MTM-MPF12-	3.44 (87.4)	1.50 (38.1)	0.44 (11.1)	20000 (1379)
MPF16	MPF16	MPF16-MTM-MPF16-	3.94 (100.2)	1.50 (38.1)	0.56 (14.3)	20000 (1379)

Medium Pressure Male to Male NPT Threads

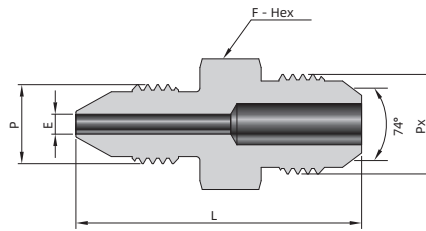


Medium Pressure Male

Male NPT Threads

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
MPF4	1/8" NPT	MPF4-MTM-NPT2-	1.37 (34.9)	0.50 (12.7)	0.11 (2.8)	15000 (1034)
MPF4	1/4" NPT	MPF4-MTM-NPT4-	1.56 (39.7)	0.56 (14.3)	0.11 (2.8)	15000 (1034)
MPF4	3/8" NPT	MPF4-MTM-NPT6-	1.63 (41.3)	0.69 (17.5)	0.11 (2.8)	15000 (1034)
MPF4	1/2" NPT	MPF4-MTM-NPT8-	1.87 (47.6)	0.87 (22.2)	0.11 (2.8)	15000 (1034)
MPF4	3/4" NPT	MPF4-MTM-NPT12-	1.94 (49.2)	1.06 (27.0)	0.11 (2.8)	10000 (690)
MPF4	1" NPT	MPF4-MTM-NPT16-	2.25 (57.2)	1.37 (34.9)	0.11 (2.8)	10000 (690)
MPF6	1/8" NPT	MPF6-MTM-NPT2-	1.56 (39.7)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
MPF6	1/4" NPT	MPF6-MTM-NPT4-	1.75 (44.5)	0.63 (15.9)	0.20 (5.2)	15000 (1034)
MPF6	3/8" NPT	MPF6-MTM-NPT6-	1.75 (44.5)	0.69 (17.5)	0.20 (5.2)	15000 (1034)
MPF6	1/2" NPT	MPF6-MTM-NPT8-	2.00 (50.8)	0.87 (22.2)	0.20 (5.2)	15000 (1034)
MPF6	3/4" NPT	MPF6-MTM-NPT12-	2.06 (52.4)	1.06 (27.0)	0.20 (5.2)	10000 (690)
MPF6	1" NPT	MPF6-MTM-NPT16-	2.37 (60.3)	1.37 (34.9)	0.20 (5.2)	10000 (690)
MPF9	1/8" NPT	MPF9-MTM-NPT2-	1.87 (47.6)	0.94 (23.8)	0.19 (4.8)	15000 (1034)
MPF9	1/4" NPT	MPF9-MTM-NPT4-	2.06 (52.4)	0.94 (23.8)	0.25 (6.4)	15000 (1034)
MPF9	3/8" NPT	MPF9-MTM-NPT6-	2.06 (52.4)	0.94 (23.8)	0.31 (7.9)	15000 (1034)
MPF9	1/2" NPT	MPF9-MTM-NPT8-	2.25 (57.2)	0.94 (23.8)	0.31 (7.9)	15000 (1034)
MPF9	3/4" NPT	MPF9-MTM-NPT12-	2.31 (58.7)	1.06 (27.0)	0.31 (7.9)	10000 (690)
MPF9	1" NPT	MPF9-MTM-NPT16-	2.56 (65.1)	1.37 (34.9)	0.31 (7.9)	10000 (690)
MPF12	1/8" NPT	MPF12-MTM-NPT2-	2.13 (54.0)	1.18 (30)	0.19 (4.8)	15000 (1034)
MPF12	1/4" NPT	MPF12-MTM-NPT4-	2.31 (58.7)	1.18 (30)	0.25 (6.4)	15000 (1034)
MPF12	3/8" NPT	MPF12-MTM-NPT6-	2.31 (58.7)	1.18 (30)	0.31 (7.9)	15000 (1034)
MPF12	1/2" NPT	MPF12-MTM-NPT8-	2.50 (63.5)	1.18 (30)	0.38 (9.6)	15000 (1034)
MPF12	3/4" NPT	MPF12-MTM-NPT12-	2.50 (63.5)	1.18 (30)	0.44 (11.1)	10000 (690)
MPF12	1" NPT	MPF12-MTM-NPT16-	2.75 (69.9)	1.37 (34.9)	0.44 (11.1)	10000 (690)
MPF16	1/8" NPT	MPF16-MTM-NPT2-	2.69 (68.3)	1.50 (38.1)	0.19 (4.8)	15000 (1034)
MPF16	1/4" NPT	MPF16-MTM-NPT4-	2.81 (71.4)	1.50 (38.1)	0.25 (6.4)	15000 (1034)
MPF16	3/8" NPT	MPF16-MTM-NPT6-	2.81 (71.4)	1.50 (38.1)	0.31 (7.9)	15000 (1034)
MPF16	1/2" NPT	MPF16-MTM-NPT8-	3.06 (77.8)	1.50 (38.1)	0.38 (9.6)	15000 (1034)
MPF16	3/4" NPT	MPF16-MTM-NPT12-	3.06 (82.6)	1.50 (38.1)	0.56 (14.3)	10000 (690)
MPF16	1" NPT	MPF16-MTM-NPT16-	3.25 (82.6)	1.50 (38.1)	0.56 (14.3)	10000 (690)

Medium Pressure Male to Male JIC

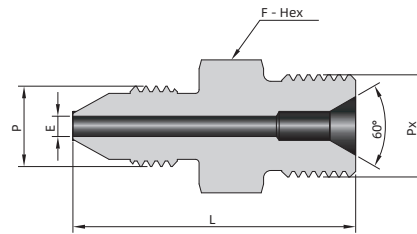


Medium Pressure Male

Male JIC

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
MPF4	1/4" JIC	MPF4-MTM-AN4-	1.50 (38.1)	0.50 (12.7)	0.11 (2.8)	20000 (1379)
MPF4	3/8" JIC	MPF4-MTM-AN6-	1.63 (41.3)	0.63 (15.9)	0.11 (2.8)	20000 (1379)
MPF4	1/2" JIC	MPF4-MTM-AN8-	1.75 (44.5)	0.81 (20.6)	0.11 (2.8)	20000 (1379)
MPF4	5/8" JIC	MPF4-MTM-AN10-	1.87 (47.6)	0.94 (23.8)	0.11 (2.8)	20000 (1379)
MPF4	3/4" JIC	MPF4-MTM-AN12-	2.06 (52.4)	1.13 (28.6)	0.11 (2.8)	15000 (1034)
MPF4	1" JIC	MPF4-MTM-AN16-	2.19 (55.6)	1.37 (34.9)	0.11 (2.8)	15000 (1034)
MPF6	1/4" JIC	MPF6-MTM-AN4-	1.75 (44.5)	0.63 (15.9)	0.17 (4.4)	20000 (1379)
MPF6	3/8" JIC	MPF6-MTM-AN6-	1.75 (44.5)	0.63 (15.9)	0.20 (5.2)	20000 (1379)
MPF6	1/2" JIC	MPF6-MTM-AN8-	1.87 (47.6)	0.81 (20.6)	0.20 (5.2)	20000 (1379)
MPF6	5/8" JIC	MPF6-MTM-AN10-	2.06 (52.4)	0.94 (23.8)	0.20 (5.2)	20000 (1379)
MPF6	3/4" JIC	MPF6-MTM-AN12-	2.25 (57.2)	1.13 (28.6)	0.20 (5.2)	15000 (1034)
MPF6	1" JIC	MPF6-MTM-AN16-	2.37 (60.3)	1.37 (34.9)	0.20 (5.2)	15000 (1034)
MPF9	1/4" JIC	MPF9-MTM-AN4-	2.00 (50.8)	0.94 (23.8)	0.17 (4.4)	20000 (1379)
MPF9	3/8" JIC	MPF9-MTM-AN6-	2.06 (52.4)	0.94 (23.8)	0.23 (5.8)	20000 (1379)
MPF9	1/2" JIC	MPF9-MTM-AN8-	2.13 (54.0)	0.94 (23.8)	0.31 (7.9)	20000 (1379)
MPF9	5/8" JIC	MPF9-MTM-AN10-	2.25 (57.2)	0.94 (23.8)	0.31 (7.9)	20000 (1379)
MPF9	3/4" JIC	MPF9-MTM-AN12-	2.44 (61.9)	1.13 (28.6)	0.31 (7.9)	15000 (1034)
MPF9	1" JIC	MPF9-MTM-AN16-	2.56 (65.1)	1.37 (34.9)	0.31 (7.9)	15000 (1034)
MPF12	1/4" JIC	MPF12-MTM-AN4-	2.31 (58.7)	1.18 (30)	0.17 (4.4)	20000 (1379)
MPF12	3/8" JIC	MPF12-MTM-AN6-	2.31 (58.7)	1.18 (30)	0.23 (5.8)	20000 (1379)
MPF12	1/2" JIC	MPF12-MTM-AN8-	2.37 (60.3)	1.18 (30)	0.31 (7.9)	20000 (1379)
MPF12	5/8" JIC	MPF12-MTM-AN10-	2.50 (63.5)	1.18 (30)	0.37 (9.4)	20000 (1379)
MPF12	3/4" JIC	MPF12-MTM-AN12-	2.63 (66.7)	1.18 (30)	0.44 (11.1)	15000 (1034)
MPF12	1" JIC	MPF12-MTM-AN16-	2.69 (68.3)	1.37 (34.9)	0.44 (11.1)	15000 (1034)
MPF16	1/4" JIC	MPF16-MTM-AN4-	2.81 (71.4)	1.50 (38.1)	0.17 (4.4)	20000 (1379)
MPF16	3/8" JIC	MPF16-MTM-AN6-	2.81 (71.4)	1.50 (38.1)	0.23 (5.8)	20000 (1379)
MPF16	1/2" JIC	MPF16-MTM-AN8-	2.94 (74.6)	1.50 (38.1)	0.31 (7.9)	20000 (1379)
MPF16	5/8" JIC	MPF16-MTM-AN10-	3.06 (77.8)	1.50 (38.1)	0.37 (9.4)	20000 (1379)
MPF16	3/4" JIC	MPF16-MTM-AN12-	3.13 (79.4)	1.50 (38.1)	0.46 (11.6)	15000 (1034)
MPF16	1" JIC	MPF16-MTM-AN16-	3.19 (81.0)	1.50 (38.1)	0.56 (14.3)	15000 (1034)

Medium Pressure Male to Type M hose Male

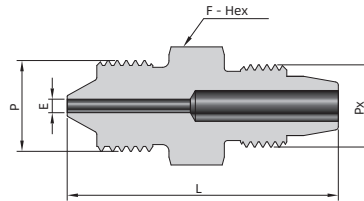


Medium Pressure Male

Type M hose Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
MPF4	RH9	MPF4-MTM-RH9-	1.52 (38.7)	0.63 (15.9)	0.09 (2.4)	20000 (1379)
MPF4	RH12	MPF4-MTM-RH12-	1.69 (43.0)	0.75 (19.1)	0.11 (2.8)	20000 (1379)
MPF4	RH14	MPF4-MTM-RH14-	1.90 (48.2)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
MPF4	RH16	MPF4-MTM-RH16-	1.78 (45.3)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
MPF4	RH21	MPF4-MTM-RH21-	1.90 (48.3)	1.37 (34.9)	0.11 (2.8)	20000 (1379)
MPF6	RH9	MPF6-MTM-RH9-	1.67 (42.4)	0.63 (15.9)	0.09 (2.4)	20000 (1379)
MPF6	RH12	MPF6-MTM-RH12-	1.84 (46.7)	0.75 (19.1)	0.20 (5.2)	20000 (1379)
MPF6	RH14	MPF6-MTM-RH14-	2.04 (51.9)	1.00 (25.4)	0.15 (3.8)	20000 (1379)
MPF6	RH16	MPF6-MTM-RH16-	1.93 (49.0)	1.00 (25.4)	0.20 (5.2)	20000 (1379)
MPF6	RH21	MPF6-MTM-RH21-	2.05 (52.0)	1.37 (34.9)	0.20 (5.2)	20000 (1379)
MPF9	RH9	MPF9-MTM-RH9-	1.95 (49.6)	0.94 (23.8)	0.09 (2.4)	20000 (1379)
MPF9	RH12	MPF9-MTM-RH12-	2.08 (52.9)	0.94 (23.8)	0.29 (7.4)	20000 (1379)
MPF9	RH14	MPF9-MTM-RH14-	2.23 (56.7)	1.00 (25.4)	0.15 (3.8)	20000 (1379)
MPF9	RH16	MPF9-MTM-RH16-	2.12 (53.8)	1.00 (25.4)	0.31 (7.9)	20000 (1379)
MPF9	RH21	MPF9-MTM-RH21-	2.24 (56.8)	1.37 (34.9)	0.31 (7.9)	20000 (1379)
MPF12	RH9	MPF12-MTM-RH9-	2.22 (56.3)	1.19 (30.2)	0.09 (2.4)	20000 (1379)
MPF12	RH12	MPF12-MTM-RH12-	2.35 (59.6)	1.19 (30.2)	0.29 (7.4)	20000 (1379)
MPF12	RH14	MPF12-MTM-RH14-	2.47 (62.8)	1.19 (30.2)	0.15 (3.8)	20000 (1379)
MPF12	RH16	MPF12-MTM-RH16-	2.36 (59.9)	1.19 (30.2)	0.39 (10.0)	20000 (1379)
MPF12	RH21	MPF12-MTM-RH21-	2.41 (61.1)	1.37 (34.9)	0.44 (11.1)	20000 (1379)
MPF16	RH9	MPF16-MTM-RH9-	2.77 (70.3)	1.50 (38.1)	0.09 (2.4)	20000 (1379)
MPF16	RH12	MPF16-MTM-RH12-	2.90 (73.6)	1.50 (38.1)	0.29 (7.4)	20000 (1379)
MPF16	RH14	MPF16-MTM-RH14-	3.02 (76.8)	1.50 (38.1)	0.15 (3.8)	20000 (1379)
MPF16	RH16	MPF16-MTM-RH16-	2.91 (73.9)	1.50 (38.1)	0.39 (10.0)	20000 (1379)
MPF16	RH21	MPF16-MTM-RH21-	2.89 (73.3)	1.50 (38.1)	0.56 (14.3)	20000 (1379)

High Pressure Male to Low Pressure Male

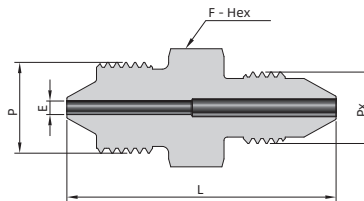


High Pressure Male

Low Pressure Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
HPF4	LPF2	HPF4-MTM-LPF2-	1.50 (38.1)	0.63 (15.9)	0.08 (2.1)	15000 (1034)
HPF4	LPF4	HPF4-MTM-LPF4-	1.69 (42.9)	0.63 (15.9)	0.08 (2.1)	15000 (1034)
HPF4	LPF6	HPF4-MTM-LPF6-	1.75 (44.5)	0.75 (19.1)	0.08 (2.1)	15000 (1034)
HPF4	LPF8	HPF4-MTM-LPF8-	1.87 (47.6)	0.94 (23.8)	0.08 (2.1)	10000 (690)
HPF6	LPF2	HPF6-MTM-LPF2-	1.81 (46.0)	0.81 (20.6)	0.09 (2.4)	15000 (1034)
HPF6	LPF4	HPF6-MTM-LPF4-	2.00 (50.8)	0.81 (20.6)	0.13 (3.2)	15000 (1034)
HPF6	LPF6	HPF6-MTM-LPF6-	2.06 (52.4)	0.81 (20.6)	0.13 (3.2)	15000 (1034)
HPF6	LPF8	HPF6-MTM-LPF8-	2.13 (54.0)	0.94 (23.8)	0.13 (3.2)	10000 (690)
HPF9	LPF2	HPF9-MTM-LPF2-	2.13 (54.0)	1.18 (30)	0.09 (2.4)	15000 (1034)
HPF9	LPF4	HPF9-MTM-LPF4-	2.31 (58.7)	1.18 (30)	0.19 (4.8)	15000 (1034)
HPF9	LPF6	HPF9-MTM-LPF6-	2.31 (58.7)	1.18 (30)	0.19 (4.8)	15000 (1034)
HPF9	LPF8	HPF9-MTM-LPF8-	2.37 (60.3)	1.18 (30)	0.19(4.8)	10000 (690)

High Pressure Male to Medium Pressure Male

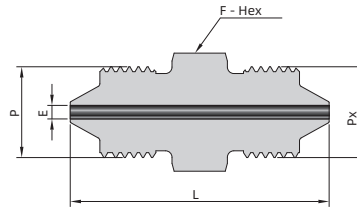


High Pressure Male

Medium Pressure Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
HPF4	MPF4	HPF4-MTM-MPF4-	1.69 (42.9)	0.63 (15.9)	0.08 (2.1)	20000 (1379)
HPF4	MPF6	HPF4-MTM-MPF6-	1.81 (46.0)	0.63 (15.9)	0.08 (2.1)	20000 (1379)
HPF4	MPF9	HPF4-MTM-MPF9-	2.06 (52.4)	0.94 (23.8)	0.08 (2.1)	20000 (1379)
HPF4	MPF12	HPF4-MTM-MPF12-	2.37 (60.3)	1.19 (30.2)	0.08 (2.1)	20000 (1379)
HPF4	MPF16	HPF4-MTM-MPF16-	2.94 (74.6)	1.50 (38.1)	0.08 (2.1)	20000 (1379)
HPF6	MPF4	HPF6-MTM-MPF4-	2.00 (50.8)	0.81 (20.6)	0.11 (2.8)	20000 (1379)
HPF6	MPF6	HPF6-MTM-MPF6-	2.13 (54.0)	0.81 (20.6)	0.13 (3.2)	20000 (1379)
HPF6	MPF9	HPF6-MTM-MPF9-	2.37 (60.3)	0.94 (23.8)	0.13 (3.2)	20000 (1379)
HPF6	MPF12	HPF6-MTM-MPF12-	2.63 (66.7)	1.19 (30.2)	0.13 (3.2)	20000 (1379)
HPF6	MPF16	HPF6-MTM-MPF16-	3.13 (79.4)	1.50 (38.1)	0.13 (3.2)	20000 (1379)
HPF9	MPF4	HPF9-MTM-MPF4-	2.25 (57.2)	1.18 (30)	0.11 (2.8)	20000 (1379)
HPF9	MPF6	HPF9-MTM-MPF6-	2.44 (61.9)	1.18 (30)	0.19 (4.8)	20000 (1379)
HPF9	MPF9	HPF9-MTM-MPF9-	2.63 (66.7)	1.18 (30)	0.19 (4.8)	20000 (1379)
HPF9	MPF12	HPF9-MTM-MPF12-	2.80 (71.0)	1.18 (30)	0.19 (4.8)	20000 (1379)
HPF9	MPF16	HPF9-MTM-MPF16-	3.31 (84.2)	1.50 (38.1)	0.19 (4.8)	20000 (1379)

High Pressure Male to High Pressure Male

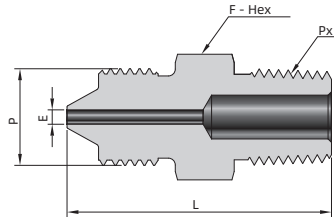


High Pressure Male

High Pressure Male

P-Connection Type	PX-Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
HPF4	HPF4	HPF4-MTM-HPF4-	1.63 (41.3)	0.63 (15.9)	0.08 (2.1)	60000 (4137)
HPF6	HPF4	HPF6-MTM-HPF4-	1.94 (49.2)	0.81 (20.6)	0.08 (2.1)	60000 (4137)
HPF6	HPF6	HPF6-MTM-HPF6-	2.19 (55.6)	0.81 (20.6)	0.13 (3.2)	60000 (4137)
HPF9	HPF4	HPF9-MTM-HPF4-	2.19 (55.6)	1.18 (30)	0.08 (2.1)	60000 (4137)
HPF9	HPF6	HPF9-MTM-HPF6-	2.50 (63.5)	1.18 (30)	0.13 (3.2)	60000 (4137)
HPF9	HPF9	HPF9-MTM-HPF9-	2.63 (66.7)	1.18 (30)	0.19 (4.8)	60000 (4137)

High Pressure Male to Male NPT Threads

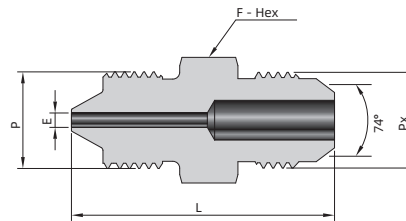


High Pressure Male

Male NPT Threads

P-Connection Type	PX-Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
HPF4	1/8" NPT	HPF4-MTM-NPT2-	1.37 (34.9)	0.63(15.9)	0.08 (2.1)	15000 (1034)
HPF4	1/4" NPT	HPF4-MTM-NPT4-	1.56 (39.7)	0.63 (15.9)	0.08(2.1)	15000 (1034)
HPF4	3/8" NPT	HPF4-MTM-NPT6-	1.56 (39.7)	0.69 (17.5)	0.08(2.1)	15000 (1034)
HPF4	1/2" NPT	HPF4-MTM-NPT8-	1.81 (46.0)	0.87 (22.2)	0.08(2.1)	15000 (1034)
HPF4	3/4" NPT	HPF4-MTM-NPT12-	1.87(47.6)	1.06 (27.0)	0.08(2.1)	10000 (690)
HPF4	1" NPT	HPF4-MTM-NPT16-	2.19 (55.6)	1.37 (34.9)	0.08(2.1)	10000 (690)
HPF6	1/8" NPT	HPF6-MTM-NPT2-	1.69 (42.9)	0.81(20.6)	0.13 (3.2)	15000 (1034)
HPF6	1/4" NPT	HPF6-MTM-NPT4-	1.87 (47.6)	0.81(20.6)	0.13 (3.2)	15000 (1034)
HPF6	3/8" NPT	HPF6-MTM-NPT6-	1.87 (47.6)	0.81(20.6)	0.13 (3.2)	15000 (1034)
HPF6	1/2" NPT	HPF6-MTM-NPT8-	2.06 (52.4)	0.87 (22.2)	0.13 (3.2)	15000 (1034)
HPF6	3/4" NPT	HPF6-MTM-NPT12-	2.13 (54.0)	1.06 (27.0)	0.13 (3.2)	10000 (690)
HPF6	1" NPT	HPF6-MTM-NPT16-	2.44 (61.9)	1.37 (34.9)	0.13(3.2)	10000 (690)
HPF9	1/8" NPT	HPF9-MTM-NPT2-	2.00 (50.8)	1.18 (30)	0.19 (4.8)	15000 (1034)
HPF9	1/4" NPT	HPF9-MTM-NPT4-	2.13 (54.0)	1.18 (30)	0.19(4.8)	15000 (1034)
HPF9	3/8" NPT	HPF9-MTM-NPT6-	2.13 (54.0)	1.18 (30)	0.19(4.8)	15000 (1034)
HPF9	1/2" NPT	HPF9-MTM-NPT8-	2.37 (60.3)	1.18 (30)	0.19(4.8)	15000 (1034)
HPF9	3/4" NPT	HPF9-MTM-NPT12-	2.37 (60.3)	1.18 (30)	0.19(4.8)	10000 (690)
HPF9	1" NPT	HPF9-MTM-NPT16-	2.63 (66.7)	1.37(34.9)	0.19(4.8)	10000 (690)

High Pressure Male to Male JIC

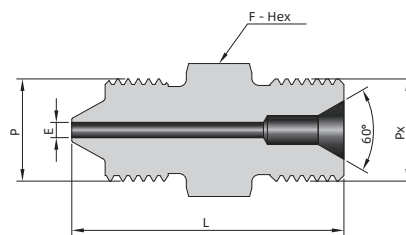


High Pressure Male

Male JIC

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
HPF4	1/4" JIC	HPF4-MTM-AN4-	1.56 (39.7)	0.63 (15.9)	0.08 (2.1)	20000 (1379)
HPF4	3/8" JIC	HPF4-MTM-AN6-	1.56 (39.7)	0.63 (15.9)	0.08 (2.1)	20000 (1379)
HPF4	1/2" JIC	HPF4-MTM-AN8-	1.69 (42.9)	0.81 (20.6)	0.08 (2.1)	20000 (1379)
HPF4	5/8" JIC	HPF4-MTM-AN10-	1.81 (46.0)	0.94 (23.8)	0.08 (2.1)	20000 (1379)
HPF4	3/4" JIC	HPF4-MTM-AN12-	2.00 (50.8)	1.13 (28.6)	0.08 (2.1)	15000 (1034)
HPF4	1" JIC	HPF4-MTM-AN16-	2.13 (54.0)	1.37 (34.9)	0.08 (2.1)	15000 (1034)
HPF6	1/4" JIC	HPF6-MTM-AN4-	1.81 (46.0)	0.81 (20.6)	0.13 (3.2)	20000 (1379)
HPF6	3/8" JIC	HPF6-MTM-AN6-	1.81 (46.0)	0.81 (20.6)	0.13 (3.2)	20000 (1379)
HPF6	1/2" JIC	HPF6-MTM-AN8-	1.94 (49.2)	0.81 (20.6)	0.13 (3.2)	20000 (1379)
HPF6	5/8" JIC	HPF6-MTM-AN10-	2.06 (52.4)	0.94 (23.8)	0.13 (3.2)	20000 (1379)
HPF6	3/4" JIC	HPF6-MTM-AN12-	2.25 (57.2)	1.13 (28.6)	0.13 (3.2)	15000 (1034)
HPF6	1" JIC	HPF6-MTM-AN16-	2.37 (60.3)	1.37 (34.9)	0.13 (3.2)	15000 (1034)
HPF9	1/4" JIC	HPF9-MTM-AN4-	2.13 (54.0)	1.18 (30)	0.17 (4.4)	20000 (1379)
HPF9	3/8" JIC	HPF9-MTM-AN6-	2.13 (54.0)	1.18 (30)	0.19 (4.8)	20000 (1379)
HPF9	1/2" JIC	HPF9-MTM-AN8-	2.25 (57.2)	1.18 (30)	0.19 (4.8)	20000 (1379)
HPF9	5/8" JIC	HPF9-MTM-AN10-	2.37 (60.3)	1.18 (30)	0.19 (4.8)	20000 (1379)
HPF9	3/4" JIC	HPF9-MTM-AN12-	2.44 (61.9)	1.18 (30)	0.19 (4.8)	15000 (1034)
HPF9	1" JIC	HPF9-MTM-AN16-	2.56 (65.0)	1.37 (34.9)	0.19 (4.8)	15000 (1034)

High Pressure Male to Type M hose Male



High Pressure Male

Type M hose Male

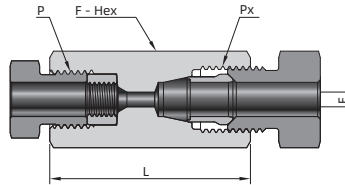
P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
HPF4	RH9	HPF4-MTM-RH9-	1.46 (37.1)	0.63 (15.9)	0.08 (2.1)	30000 (2068)
HPF4	RH12	HPF4-MTM-RH12-	1.63 (41.4)	0.75 (19.1)	0.08 (2.1)	30000 (2068)
HPF4	RH14	HPF4-MTM-RH14-	1.83 (46.6)	1.00 (25.4)	0.08 (2.1)	30000 (2068)
HPF4	RH16	HPF4-MTM-RH16-	1.72 (43.7)	1.00 (25.4)	0.08 (2.1)	20000 (1379)
HPF4	RH21	HPF4-MTM-RH21-	1.84 (46.7)	1.37 (34.9)	0.08 (2.1)	20000 (1379)
HPF6	RH9	HPF6-MTM-RH9-	1.77 (44.9)	0.81 (20.6)	0.09 (2.4)	30000 (2068)
HPF6	RH12	HPF6-MTM-RH12-	1.90 (48.2)	0.81 (20.6)	0.13 (3.2)	30000 (2068)

High Pressure Male

Type M hose Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
HPF6	RH14	HPF6-MTM-RH14-	2.09 (53.0)	1.00 (25.4)	0.13 (3.2)	30000 (2068)
HPF6	RH16	HPF6-MTM-RH16-	1.97 (50.1)	1.00 (25.4)	0.13 (3.2)	20000 (1379)
HPF6	RH21	HPF6-MTM-RH21-	2.09 (53.1)	1.37 (34.9)	0.13 (3.2)	20000 (1379)
HPF9	RH9	HPF9-MTM-RH9-	2.07 (52.6)	1.18 (30)	0.09 (2.4)	30000 (2068)
HPF9	RH12	HPF9-MTM-RH12-	2.20 (55.9)	1.18 (30)	0.19 (4.8)	30000 (2068)
HPF9	RH14	HPF9-MTM-RH14-	2.33 (59.1)	1.18 (30)	0.15 (3.8)	30000 (2068)
HPF9	RH16	HPF9-MTM-RH16-	2.21 (56.2)	1.18 (30)	0.19 (4.8)	20000 (1379)
HPF9	RH21	HPF9-MTM-RH21-	2.26 (57.4)	1.37 (34.9)	0.19 (4.8)	20000 (1379)

Medium Pressure Female to Low Pressure Female

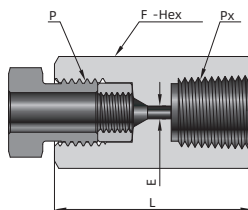


Medium Pressure Female

Low Pressure Female

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
MPF4	LPF2	MPF4-FTF-LPF2-	1.25 (31.8)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
MPF4	LPF4	MPF4-FTF-LPF4-	1.50 (38.1)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
MPF4	LPF6	MPF4-FTF-LPF6-	1.63 (41.3)	0.75 (19.1)	0.11 (2.8)	15000 (1034)
MPF4	LPF8	MPF4-FTF-LPF8-	1.75 (44.5)	1.00 (25.4)	0.11 (2.8)	10000 (690)
MPF6	LPF2	MPF6-FTF-LPF2-	1.44 (36.5)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
MPF6	LPF4	MPF6-FTF-LPF4-	1.69 (42.9)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
MPF6	LPF6	MPF6-FTF-LPF6-	1.75 (44.5)	0.75 (19.1)	0.20 (5.2)	15000 (1034)
MPF6	LPF8	MPF6-FTF-LPF8-	1.87 (47.6)	1.00 (25.4)	0.20 (5.2)	10000 (690)
MPF9	LPF2	MPF9-FTF-LPF2-	1.69 (42.9)	1.00 (25.4)	0.09 (2.4)	15000 (1034)
MPF9	LPF4	MPF9-FTF-LPF4-	1.87 (47.6)	1.00 (25.4)	0.19 (4.8)	15000 (1034)
MPF9	LPF6	MPF9-FTF-LPF6-	1.94 (49.2)	1.00 (25.4)	0.25 (6.4)	15000 (1034)
MPF9	LPF8	MPF9-FTF-LPF8-	2.06 (52.4)	1.00 (25.4)	0.31 (7.9)	10000 (690)
MPF12	LPF6	MPF12-FTF-LPF6-	2.25 (57.2)	1.37 (34.9)	0.25 (6.4)	15000 (1034)
MPF12	LPF8	MPF12-FTF-LPF8-	2.25 (57.2)	1.37 (34.9)	0.37 (9.5)	15000 (1034)
MPF16	LPF8	MPF16-FTF-LPF8-	2.81 (71.4)	1.75 (44.5)	0.37 (9.5)	10000 (690)

Medium Pressure Female to Female NPT Thread

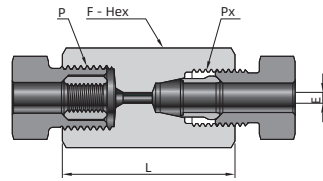


Medium Pressure Female

Female NPT Threads

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
MPF4	1/8" Female NPT	MPF4-FTF-FNPT2-	1.37 (34.9)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
MPF4	1/4" Female NPT	MPF4-FTF-FNPT4-	1.63 (41.3)	0.94 (23.8)	0.11 (2.8)	15000 (1034)
MPF4	3/8" Female NPT	MPF4-FTF-FNPT6-	1.63 (41.3)	1.13 (28.6)	0.11 (2.8)	15000 (1034)
MPF4	1/2" Female NPT	MPF4-FTF-FNPT8-	2.00 (50.8)	1.37 (34.9)	0.11 (2.8)	15000 (1034)
MPF6	1/8" Female NPT	MPF6-FTF-FNPT2-	1.50 (38.1)	0.75 (19.1)	0.20 (5.1)	15000 (1034)
MPF6	1/4" Female NPT	MPF6-FTF-FNPT4-	1.75 (44.5)	0.94 (23.8)	0.20 (5.1)	15000 (1034)
MPF6	3/8" Female NPT	MPF6-FTF-FNPT6-	1.81 (46.0)	1.13 (28.6)	0.20 (5.1)	15000 (1034)
MPF6	1/2" Female NPT	MPF6-FTF-FNPT8-	2.13 (54.0)	1.37 (34.9)	0.20 (5.1)	15000 (1034)
MPF6	3/4" Female NPT	MPF6-FTF-FNPT12-	2.25 (57.2)	1.50 (38.1)	0.20 (5.1)	10000 (690)
MPF9	1/8" Female NPT	MPF9-FTF-FNPT2-	1.63 (41.3)	1.00 (25.4)	0.31 (7.9)	15000 (1034)
MPF9	1/4" Female NPT	MPF9-FTF-FNPT4-	2.00 (50.8)	1.00 (25.4)	0.31 (7.9)	15000 (1034)
MPF9	3/8" Female NPT	MPF9-FTF-FNPT6-	2.00 (50.8)	1.13 (28.6)	0.31 (7.9)	15000 (1034)
MPF9	1/2" Female NPT	MPF9-FTF-FNPT8-	2.25 (57.2)	1.37 (34.9)	0.31 (7.9)	15000 (1034)
MPF9	3/4" Female NPT	MPF9-FTF-FNPT12-	2.25 (57.2)	1.50 (38.1)	0.31 (7.9)	10000 (690)
MPF9	1" Female NPT	MPF9-FTF-FNPT16-	2.63 (66.7)	1.75 (44.5)	0.31 (7.9)	10000 (690)
MPF12	1/8" Female NPT	MPF12-FTF-FNPT2-	1.75 (44.5)	1.37 (34.9)	0.32 (8.1)	15000 (1034)
MPF12	1/4" Female NPT	MPF12-FTF-FNPT4-	2.00 (50.8)	1.37 (34.9)	0.41 (10.4)	15000 (1034)
MPF12	3/8" Female NPT	MPF12-FTF-FNPT6-	2.37 (60.3)	1.37 (34.9)	0.44 (11.1)	15000 (1034)
MPF12	1/2" Female NPT	MPF12-FTF-FNPT8-	2.63 (66.7)	1.37 (34.9)	0.44 (11.1)	15000 (1034)
MPF12	3/4" Female NPT	MPF12-FTF-FNPT12-	2.63 (66.7)	1.50 (38.1)	0.44 (11.1)	10000 (690)
MPF12	1" Female NPT	MPF12-FTF-FNPT16-	2.63 (66.7)	1.75 (44.5)	0.44 (11.1)	10000 (690)
MPF16	1/4" Female NPT	MPF16-FTF-FNPT4-	2.37 (60.3)	1.75 (44.5)	0.41 (10.4)	15000 (1034)
MPF16	3/8" Female NPT	MPF16-FTF-FNPT6-	2.50 (63.5)	1.75 (44.5)	0.55 (13.9)	15000 (1034)
MPF16	1/2" Female NPT	MPF16-FTF-FNPT8-	3.00 (76.2)	1.75 (44.5)	0.56 (14.3)	15000 (1034)
MPF16	3/4" Female NPT	MPF16-FTF-FNPT12-	3.00 (76.2)	1.75 (44.5)	0.56 (14.3)	10000 (690)
MPF16	1" Female NPT	MPF16-FTF-FNPT16-	3.00 (76.2)	1.75 (44.5)	0.56 (14.3)	10000 (690)

High Pressure Female to Low Pressure Female

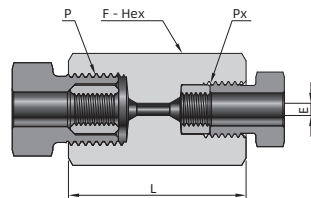


High Pressure Female

Low Pressure Female

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
HPF4	LPF2	HPF4-FTF-LPF2-	1.19 (30.2)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
HPF4	LPF4	HPF4-FTF-LPF4-	1.50 (38.1)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
HPF4	LPF6	HPF4-FTF-LPF6-	1.63 (41.3)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
HPF4	LPF8	HPF4-FTF-LPF8-	1.75 (44.5)	1.00 (25.4)	0.09 (2.4)	10000 (690)
HPF6	LPF2	HPF6-FTF-LPF2-	1.50 (38.1)	1.00 (25.4)	0.09 (2.4)	15000 (1034)
HPF6	LPF4	HPF6-FTF-LPF4-	1.75 (44.5)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
HPF6	LPF6	HPF6-FTF-LPF6-	1.81 (46.0)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
HPF6	LPF8	HPF6-FTF-LPF8-	2.00 (50.8)	1.00 (25.4)	0.13 (3.2)	10000 (690)
HPF9	LPF2	HPF9-FTF-LPF2-	1.69 (42.9)	1.37 (34.9)	0.09 (2.4)	15000 (1034)
HPF9	LPF4	HPF9-FTF-LPF4-	1.87 (47.6)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
HPF9	LPF6	HPF9-FTF-LPF6-	2.00 (50.8)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
HPF9	LPF8	HPF9-FTF-LPF8-	2.13 (54.0)	1.37 (34.9)	0.19 (4.8)	10000 (690)

60 Series Female to 20 Series Female

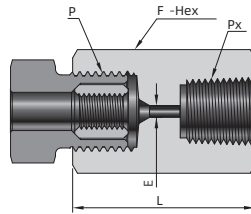


High Pressure Female

Medium Pressure Female

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
HPF4	MPF4	HPF4-FTF-MPF4-	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	20000 (1379)
HPF4	MPF6	HPF4-FTF-MPF6-	1.56 (39.7)	0.75 (19.1)	0.09 (2.4)	20000 (1379)
HPF4	MPF9	HPF4-FTF-MPF9-	1.81 (46.0)	1.00 (25.4)	0.09 (2.4)	20000 (1379)
HPF4	MPF12	HPF4-FTF-MPF12-	2.06 (52.4)	1.37 (34.9)	0.09 (2.4)	20000 (1379)
HPF4	MPF16	HPF4-FTF-MPF16-	2.56 (65.1)	1.75 (44.5)	0.09 (2.4)	20000 (1379)
HPF6	MPF4	HPF6-FTF-MPF4-	1.63 (41.3)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
HPF6	MPF6	HPF6-FTF-MPF6-	1.81 (46.0)	1.00 (25.4)	0.13 (3.2)	20000 (1379)
HPF6	MPF9	HPF6-FTF-MPF9-	2.06 (52.4)	1.00 (25.4)	0.13 (3.2)	20000 (1379)
HPF6	MPF12	HPF6-FTF-MPF12-	2.31 (58.7)	1.37 (34.9)	0.13 (3.2)	20000 (1379)
HPF6	MPF16	HPF6-FTF-MPF16-	2.81 (71.4)	1.75 (44.5)	0.13 (3.2)	20000 (1379)
HPF9	MPF4	HPF9-FTF-MPF4-	1.81 (46.0)	1.37 (34.9)	0.11 (2.8)	20000 (1379)
HPF9	MPF6	HPF9-FTF-MPF6-	1.94 (49.2)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
HPF9	MPF9	HPF9-FTF-MPF9-	2.25 (57.2)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
HPF9	MPF12	HPF9-FTF-MPF12-	2.44 (61.9)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
HPF9	MPF16	HPF9-FTF-MPF16-	3.00 (76.2)	1.75 (44.5)	0.19 (4.8)	20000 (1379)

High Pressure Female to Female NPT Thread

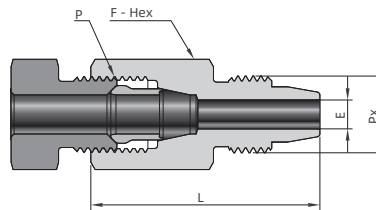


High Pressure Female

Female NPT Threads

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
HPF4	1/8" Female NPT	HPF4-FTF-FNPT2-	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
HPF4	1/4" Female NPT	HPF4-FTF-FNPT4-	1.63 (41.3)	0.94 (23.8)	0.09 (2.4)	15000 (1034)
HPF4	3/8" Female NPT	HPF4-FTF-FNPT6-	1.63 (41.3)	1.13 (28.6)	0.09 (2.4)	15000 (1034)
HPF4	1/2" Female NPT	HPF4-FTF-FNPT8-	2.00 (50.8)	1.37 (34.9)	0.09 (2.4)	15000 (1034)
HPF4	3/4" Female NPT	HPF4-FTF-FNPT12-	2.00 (50.8)	1.50 (38.1)	0.09 (2.4)	10000 (690)
HPF4	1" Female NPT	HPF4-FTF-FNPT16-	2.37 (60.3)	1.75 (44.5)	0.09 (2.4)	10000 (690)
HPF6	1/8" Female NPT	HPF6-FTF-FNPT2-	1.63 (41.3)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
HPF6	1/4" Female NPT	HPF6-FTF-FNPT4-	1.87 (47.6)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
HPF6	3/8" Female NPT	HPF6-FTF-FNPT6-	1.87 (47.6)	1.13 (28.6)	0.13 (3.2)	15000 (1034)
HPF6	1/2" Female NPT	HPF6-FTF-FNPT8-	2.13 (54.0)	1.37 (34.9)	0.13 (3.2)	15000 (1034)
HPF6	3/4" Female NPT	HPF6-FTF-FNPT12-	2.13 (54.0)	1.50 (38.1)	0.13 (3.2)	10000 (690)
HPF6	1" Female NPT	HPF6-FTF-FNPT16-	2.25 (57.2)	1.75 (44.5)	0.13 (3.2)	10000 (690)
HPF9	1/8" Female NPT	HPF9-FTF-FNPT2-	1.81 (46.0)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
HPF9	1/4" Female NPT	HPF9-FTF-FNPT4-	2.00 (50.8)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
HPF9	3/8" Female NPT	HPF9-FTF-FNPT6-	2.00 (50.8)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
HPF9	1/2" Female NPT	HPF9-FTF-FNPT8-	2.37 (60.3)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
HPF9	3/4" Female NPT	HPF9-FTF-FNPT12-	2.37 (60.3)	1.50 (38.1)	0.19 (4.8)	10000 (690)
HPF9	1" Female NPT	HPF9-FTF-FNPT16-	2.50 (63.5)	1.75 (44.5)	0.19 (4.8)	10000 (690)

Low Pressure Female to Low Pressure Male



Low Pressure Female

Low Pressure Male

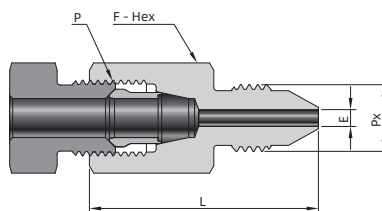
P Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
LPF2	LPF2	LPF2-FTM-LPF2-	1.06 (27.0)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
LPF2	LPF4	LPF2-FTM-LPF4-	1.13 (28.6)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
LPF2	LPF6	LPF2-FTM-LPF6-	1.13 (28.6)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
LPF2	LPF8	LPF2-FTM-LPF8-	1.31 (33.3)	0.94 (23.8)	0.09 (2.4)	15000 (1034)

Low Pressure Female

Low Pressure Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
LPF4	LPF2	LPF4-FTM-LPF2-	1.44 (36.5)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
LPF4	LPF4	LPF4-FTM-LPF4-	1.50 (38.1)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
LPF4	LPF6	LPF4-FTM-LPF6-	1.50 (38.1)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
LPF4	LPF8	LPF4-FTM-LPF8-	1.50 (38.1)	0.94 (23.8)	0.19 (4.8)	10000 (690)
LPF6	LPF2	LPF6-FTM-LPF2-	1.56 (39.7)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
LPF6	LPF4	LPF6-FTM-LPF4-	1.69 (42.9)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
LPF6	LPF6	LPF6-FTM-LPF6-	1.69 (42.9)	0.75 (19.1)	0.25 (6.4)	15000 (1034)
LPF6	LPF8	LPF6-FTM-LPF8-	1.63 (41.3)	0.94 (23.8)	0.25 (6.4)	10000 (690)
LPF8	LPF2	LPF8-FTM-LPF2-	1.63 (41.3)	1.00 (25.4)	0.09 (2.4)	10000 (690)
LPF8	LPF4	LPF8-FTM-LPF4-	1.75 (44.5)	1.00 (25.4)	0.19 (4.8)	10000 (690)
LPF8	LPF6	LPF8-FTM-LPF6-	1.81 (46.0)	1.00 (25.4)	0.25 (6.4)	10000 (690)
LPF8	LPF8	LPF8-FTM-LPF8-	1.81 (46.0)	1.00 (25.4)	0.37 (9.5)	10000 (690)

Low Pressure Female to Medium Pressure Male

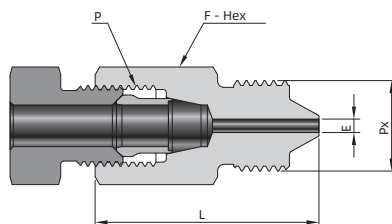


Low Pressure Female

Medium Pressure Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
LPF2	MPF4	LPF2-FTM-MPF4-	1.19 (30.2)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
LPF2	MPF6	LPF2-FTM-MPF6-	1.25 (31.8)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
LPF2	MPF9	LPF2-FTM-MPF9-	1.50 (38.1)	0.94 (23.8)	0.09 (2.4)	15000 (1034)
LPF2	MPF12	LPF2-FTM-MPF12-	1.75 (44.5)	1.18 (30)	0.09 (2.4)	15000 (1034)
LPF2	MPF16	LPF2-FTM-MPF16-	2.37 (60.3)	1.50 (38.1)	0.09 (2.4)	15000 (1034)
LPF4	MPF4	LPF4-FTM-MPF4-	1.50 (38.1)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
LPF4	MPF6	LPF4-FTM-MPF6-	1.63 (41.3)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
LPF4	MPF9	LPF4-FTM-MPF9-	1.56 (39.7)	0.94 (23.8)	0.19 (4.8)	15000 (1034)
LPF4	MPF12	LPF4-FTM-MPF12-	1.75 (44.5)	1.18 (30)	0.19 (4.8)	15000 (1034)
LPF4	MPF16	LPF4-FTM-MPF16-	2.37 (60.3)	1.50 (38.1)	0.19 (4.8)	15000 (1034)
LPF6	MPF4	LPF6-FTM-MPF4-	1.69 (42.9)	0.75 (19.1)	0.11 (2.8)	15000 (1034)
LPF6	MPF6	LPF6-FTM-MPF6-	1.75 (44.5)	0.75 (19.1)	0.20 (5.2)	15000 (1034)
LPF6	MPF9	LPF6-FTM-MPF9-	1.81 (46.0)	0.94 (23.8)	0.25 (6.4)	15000 (1034)
LPF6	MPF12	LPF6-FTM-MPF12-	1.87 (47.6)	1.18 (30)	0.25 (6.4)	15000 (1034)
LPF6	MPF16	LPF6-FTM-MPF16-	2.37 (60.3)	1.50 (38.1)	0.25 (6.4)	15000 (1034)
LPF8	MPF4	LPF8-FTM-MPF4-	1.75 (44.5)	1.00 (25.4)	0.11 (2.8)	10000 (690)
LPF8	MPF6	LPF8-FTM-MPF6-	1.94 (49.2)	1.00 (25.4)	0.20 (5.2)	10000 (690)
LPF8	MPF9	LPF8-FTM-MPF9-	2.06 (52.4)	1.00 (25.4)	0.31 (7.9)	10000 (690)
LPF8	MPF12	LPF8-FTM-MPF12-	2.06 (52.4)	1.18 (30)	0.37 (9.5)	10000 (690)
LPF8	MPF16	LPF8-FTM-MPF16-	2.50 (63.5)	1.50 (38.1)	0.37 (9.5)	10000 (690)

Low Pressure Female to High Pressure Male

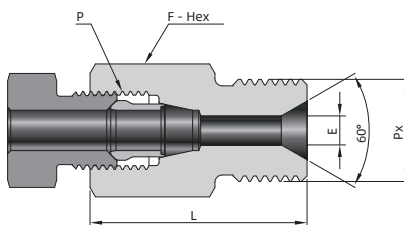


Low Pressure Female

High Pressure Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
LPF2	HPF4	LPF2-FTM-HPF4-	1.06 (27.0)	0.63 (15.9)	0.08 (2.1)	15000 (1034)
LPF2	HPF6	LPF2-FTM-HPF6-	1.31 (33.3)	0.81 (20.6)	0.09 (2.4)	15000 (1034)
LPF2	HPF9	LPF2-FTM-HPF9-	1.63 (41.3)	1.18 (30)	0.09 (2.4)	15000 (1034)
LPF4	HPF4	LPF4-FTM-HPF4-	1.37 (34.9)	0.63 (15.9)	0.08 (2.1)	15000 (1034)
LPF4	HPF6	LPF4-FTM-HPF6-	1.56 (39.7)	0.81 (20.6)	0.13 (3.2)	15000 (1034)
LPF4	HPF9	LPF4-FTM-HPF9-	1.63 (41.3)	1.18 (30)	0.19 (4.8)	15000 (1034)
LPF6	HPF4	LPF6-FTM-HPF4-	1.56 (39.7)	0.75 (19.1)	0.08 (2.1)	15000 (1034)
LPF6	HPF6	LPF6-FTM-HPF6-	1.75 (44.5)	0.81 (20.6)	0.13 (3.2)	15000 (1034)
LPF6	HPF9	LPF6-FTM-HPF9-	1.63 (41.3)	1.18 (30)	0.19 (4.8)	15000 (1034)
LPF8	HPF4	LPF8-FTM-HPF4-	1.69 (42.9)	1.00 (25.4)	0.08 (2.1)	10000 (690)
LPF8	HPF6	LPF8-FTM-HPF6-	1.87 (47.6)	1.00 (25.4)	0.13 (3.2)	10000 (690)
LPF8	HPF9	LPF8-FTM-HPF9-	1.87 (47.6)	1.18 (30)	0.19 (4.8)	10000 (690)

Low Pressure Female to Type M hose Male

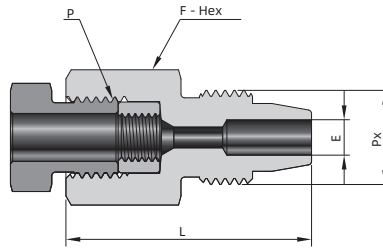


Low Pressure Female

Type M hose Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
LPF2	RH9	LPF2-FTM-RH9-	1.06 (27.0)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
LPF2	RH12	LPF2-FTM-RH12-	1.13 (28.6)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
LPF4	RH9	LPF4-FTM-RH9-	1.37 (34.9)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
LPF4	RH12	LPF4-FTM-RH12-	1.44 (36.5)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
LPF4	RH14	LPF4-FTM-RH14-	1.63 (41.3)	1.00 (25.4)	0.15 (3.8)	15000 (1034)
LPF6	RH9	LPF6-FTM-RH9-	1.50 (38.1)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
LPF6	RH12	LPF6-FTM-RH12-	1.63 (41.3)	0.75 (19.1)	0.25 (6.4)	15000 (1034)
LPF6	RH14	LPF6-FTM-RH14-	1.75 (44.5)	1.00 (25.4)	0.15 (3.8)	15000 (1034)
LPF6	RH16	LPF6-FTM-RH16-	1.63 (41.3)	1.00 (25.4)	0.25 (6.4)	15000 (1034)
LPF8	RH9	LPF8-FTM-RH9-	1.63 (41.3)	1.00 (25.4)	0.09 (2.4)	10000 (690)
LPF8	RH12	LPF8-FTM-RH12-	1.63 (41.3)	1.00 (25.4)	0.29 (7.4)	10000 (690)
LPF8	RH14	LPF8-FTM-RH14-	1.81 (46.1)	1.00 (25.4)	0.15 (3.8)	10000 (690)
LPF8	RH16	LPF8-FTM-RH16-	1.75 (44.5)	1.00 (25.4)	0.37 (9.5)	10000 (690)
LPF8	RH21	LPF8-FTM-RH21-	1.75 (44.5)	1.37 (34.9)	0.37 (9.5)	10000 (690)

Medium Pressure Female to Low Pressure Male

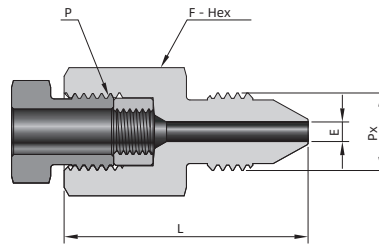


Medium Pressure Female

Low Pressure Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
MPF4	LPF2	MPF4-FTM-LPF2-	1.19 (30.2)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
MPF4	LPF4	MPF4-FTM-LPF4-	1.31 (33.3)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
MPF4	LPF6	MPF4-FTM-LPF6-	1.37 (34.9)	0.75 (19.1)	0.11 (2.8)	15000 (1034)
MPF4	LPF8	MPF4-FTM-LPF8-	1.31 (33.3)	0.94 (23.8)	0.11 (2.8)	10000 (690)
MPF6	LPF2	MPF6-FTM-LPF2-	1.50 (38.1)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
MPF6	LPF4	MPF6-FTM-LPF4-	1.50 (38.1)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
MPF6	LPF6	MPF6-FTM-LPF6-	1.56 (39.7)	0.75 (19.1)	0.20 (5.2)	15000 (1034)
MPF6	LPF8	MPF6-FTM-LPF8-	1.56 (39.7)	0.94 (23.8)	0.20 (5.2)	10000 (690)
MPF9	LPF2	MPF9-FTM-LPF2-	1.75 (44.5)	1.00 (25.4)	0.09 (2.4)	15000 (1034)
MPF9	LPF4	MPF9-FTM-LPF4-	1.87 (47.6)	1.00 (25.4)	0.19 (4.8)	15000 (1034)
MPF9	LPF6	MPF9-FTM-LPF6-	1.94 (49.2)	1.00 (25.4)	0.25 (6.4)	15000 (1034)
MPF9	LPF8	MPF9-FTM-LPF8-	1.87 (47.6)	1.00 (25.4)	0.31 (7.9)	10000 (690)
MPF12	LPF2	MPF12-FTM-LPF2-	2.06 (52.4)	1.37 (34.9)	0.09 (2.4)	15000 (1034)
MPF12	LPF4	MPF12-FTM-LPF4-	2.19 (55.6)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
MPF12	LPF6	MPF12-FTM-LPF6-	2.19 (55.6)	1.37 (34.9)	0.25 (6.4)	15000 (1034)
MPF12	LPF8	MPF12-FTM-LPF8-	2.25 (57.2)	1.37 (34.9)	0.37 (7.9)	10000 (690)
MPF16	LPF2	MPF16-FTM-LPF2-	2.63 (66.7)	1.75 (44.5)	0.09 (2.4)	15000 (1034)
MPF16	LPF4	MPF16-FTM-LPF4-	2.75 (69.9)	1.75 (44.5)	0.19 (4.8)	15000 (1034)
MPF16	LPF6	MPF16-FTM-LPF6-	2.81 (71.4)	1.75 (44.5)	0.25 (6.4)	15000 (1034)
MPF16	LPF8	MPF16-FTM-LPF8-	2.81 (71.4)	1.75 (44.5)	0.37 (9.5)	10000 (690)

Medium Pressure Female to Medium Pressure Male

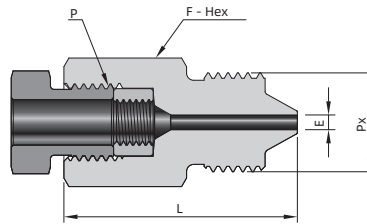


Medium Pressure Female

Medium Pressure Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
MPF4	MPF4	MPF4-FTM-MPF4-	1.37 (34.9)	0.63 (15.9)	0.11 (2.8)	20000 (1379)
MPF4	MPF6	MPF4-FTM-MPF6-	1.50 (38.1)	0.63 (15.9)	0.11 (2.8)	20000 (1379)
MPF4	MPF9	MPF4-FTM-MPF9-	1.63 (41.3)	0.94 (23.8)	0.11 (2.8)	20000 (1379)
MPF4	MPF12	MPF4-FTM-MPF12-	1.75 (44.5)	1.18(30)	0.11 (2.8)	20000 (1379)
MPF4	MPF16	MPF4-FTM-MPF16-	2.37 (60.3)	1.50 (38.1)	0.11 (2.8)	20000 (1379)
MPF6	MPF4	MPF6-FTM-MPF4-	1.69 (42.9)	0.75 (19.1)	0.11 (2.8)	20000 (1379)
MPF6	MPF6	MPF6-FTM-MPF6-	1.69 (42.9)	0.75 (19.1)	0.20 (5.2)	20000 (1379)
MPF6	MPF9	MPF6-FTM-MPF9-	1.87 (47.6)	0.94 (23.8)	0.20 (5.2)	20000 (1379)
MPF6	MPF12	MPF6-FTM-MPF12-	1.94 (49.2)	1.18(30)	0.20 (5.2)	20000 (1379)
MPF6	MPF16	MPF6-FTM-MPF16-	2.37 (60.3)	1.50 (38.1)	0.20 (5.2)	20000 (1379)
MPF9	MPF4	MPF9-FTM-MPF4-	1.94 (49.2)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
MPF9	MPF6	MPF9-FTM-MPF6-	2.06 (52.4)	1.00 (25.4)	0.20 (5.2)	20000 (1379)
MPF9	MPF9	MPF9-FTM-MPF9-	2.13 (54.0)	1.00 (25.4)	0.31 (7.9)	20000 (1379)
MPF9	MPF12	MPF9-FTM-MPF12-	2.25 (57.2)	1.18(30)	0.31 (7.9)	20000 (1379)
MPF9	MPF16	MPF9-FTM-MPF16-	2.50 (63.5)	1.50 (38.1)	0.31 (7.9)	20000 (1379)
MPF12	MPF4	MPF12-FTM-MPF4-	2.19 (55.6)	1.37 (34.9)	0.11 (2.8)	20000 (1379)
MPF12	MPF6	MPF12-FTM-MPF6-	2.31 (58.7)	1.37 (34.9)	0.20 (5.2)	20000 (1379)
MPF12	MPF9	MPF12-FTM-MPF9-	2.44 (61.9)	1.37 (34.9)	0.31 (7.9)	20000 (1379)
MPF12	MPF12	MPF12-FTM-MPF12-	2.56 (65.1)	1.37 (34.9)	0.44 (11.1)	20000 (1379)
MPF12	MPF16	MPF12-FTM-MPF16-	2.94 (74.6)	1.50 (38.1)	0.44 (11.1)	20000 (1379)
MPF16	MPF9	MPF16-FTM-MPF9-	3.06 (77.8)	1.75 (44.5)	0.31 (7.9)	20000 (1379)
MPF16	MPF12	MPF16-FTM-MPF12-	3.19 (81.0)	1.75 (44.5)	0.44 (11.1)	20000 (1379)
MPF16	MPF16	MPF16-FTM-MPF16-	3.50 (88.9)	1.75 (44.5)	0.56 (14.3)	20000 (1379)

Medium Pressure Female to High Pressure Male

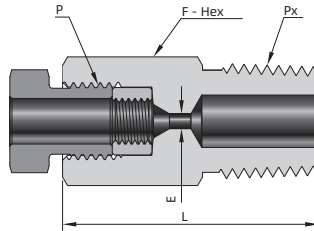


Medium Pressure Female

High Pressure Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
MPF4	HPF4	MPF4-FTM-HPF4-	1.31 (33.3)	0.63 (15.9)	0.08 (2.1)	20000 (1379)
MPF4	HPF6	MPF4-FTM-HPF6-	1.50 (38.1)	0.81 (20.6)	0.11 (2.8)	20000 (1379)
MPF4	HPF9	MPF4-FTM-HPF9-	1.63 (41.3)	1.18(30)	0.11 (2.8)	20000 (1379)
MPF6	HPF4	MPF6-FTM-HPF4-	1.50 (38.1)	0.75 (19.1)	0.08 (2.1)	20000 (1379)
MPF6	HPF6	MPF6-FTM-HPF6-	1.69 (42.9)	0.81 (20.6)	0.13 (3.2)	20000 (1379)
MPF6	HPF9	MPF6-FTM-HPF9-	1.75 (44.5)	1.18(30)	0.19 (4.8)	20000 (1379)
MPF9	HPF4	MPF9-FTM-HPF4-	1.81 (46.0)	1.00 (25.4)	0.08 (2.1)	20000 (1379)
MPF9	HPF6	MPF9-FTM-HPF6-	2.13 (54.0)	1.00 (25.4)	0.13 (3.2)	20000 (1379)
MPF9	HPF9	MPF9-FTM-HPF9-	2.13 (54.0)	1.18(30)	0.19 (4.8)	20000 (1379)
MPF12	HPF4	MPF12-FTM-HPF4-	2.25 (57.2)	1.37 (34.9)	0.08 (2.1)	20000 (1379)
MPF12	HPF6	MPF12-FTM-HPF6-	2.50 (63.5)	1.37 (34.9)	0.13 (3.2)	20000 (1379)
MPF12	HPF9	MPF12-FTM-HPF9-	2.50 (63.5)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
MPF16	HPF4	MPF16-FTM-HPF4-	2.94 (74.6)	1.75 (44.5)	0.08 (2.1)	20000 (1379)
MPF16	HPF6	MPF16-FTM-HPF6-	3.13 (79.4)	1.75 (44.5)	0.13 (3.2)	20000 (1379)
MPF16	HPF9	MPF16-FTM-HPF9-	3.19 (81.0)	1.75 (44.5)	0.19 (4.8)	20000 (1379)

Medium Pressure Female to Male NPT Thread

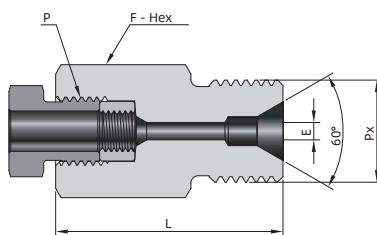


Medium Pressure Female

Male NPT Thread

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
MPF4	1/8" Male NPT	MPF4-FTM-NPT2-	1.19 (30.2)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
MPF4	1/4" Male NPT	MPF4-FTM-NPT4-	1.37 (34.9)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
MPF4	3/8" Male NPT	MPF4-FTM-NPT6-	1.37 (34.9)	0.69 (17.5)	0.11 (2.8)	15000 (1034)
MPF4	1/2" Male NPT	MPF4-FTM-NPT8-	1.37 (34.9)	0.87 (22.2)	0.11 (2.8)	15000 (1034)
MPF4	3/4" Male NPT	MPF4-FTM-NPT12-	1.75 (44.5)	1.06 (27.0)	0.11 (2.8)	10000 (690)
MPF6	1/8" Male NPT	MPF6-FTM-NPT2-	1.37 (34.9)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
MPF6	1/4" Male NPT	MPF6-FTM-NPT4-	1.50 (38.1)	0.75 (19.1)	0.20 (5.2)	15000 (1034)
MPF6	3/8" Male NPT	MPF6-FTM-NPT6-	1.50 (38.1)	0.75 (19.1)	0.20 (5.2)	15000 (1034)
MPF6	1/2" Male NPT	MPF6-FTM-NPT8-	1.63 (41.3)	0.87 (22.2)	0.20 (5.2)	15000 (1034)
MPF6	3/4" Male NPT	MPF6-FTM-NPT12-	1.75 (44.5)	1.06 (27.0)	0.20 (5.2)	10000 (690)
MPF6	1" Male NPT	MPF6-FTM-NPT16-	2.00 (50.8)	1.37 (34.9)	0.20 (5.2)	10000 (690)
MPF9	1/8" Male NPT	MPF9-FTM-NPT2-	1.75 (44.5)	1.00 (25.4)	0.19 (4.8)	15000 (1034)
MPF9	1/4" Male NPT	MPF9-FTM-NPT4-	1.75 (44.5)	1.00 (25.4)	0.25 (6.4)	15000 (1034)
MPF9	3/8" Male NPT	MPF9-FTM-NPT6-	1.75 (44.5)	1.00 (25.4)	0.31 (7.9)	15000 (1034)
MPF9	1/2" Male NPT	MPF9-FTM-NPT8-	1.94 (49.2)	1.00 (25.4)	0.31 (7.9)	15000 (1034)
MPF9	3/4" Male NPT	MPF9-FTM-NPT12-	2.00 (50.8)	1.06 (27.0)	0.31 (7.9)	10000 (690)
MPF9	1" Male NPT	MPF9-FTM-NPT16-	2.25 (57.2)	1.37 (34.9)	0.31 (7.9)	10000 (690)
MPF12	1/4" Male NPT	MPF12-FTM-NPT4-	2.00 (50.8)	1.37 (34.9)	0.25 (6.4)	15000 (1034)
MPF12	3/8" Male NPT	MPF12-FTM-NPT6-	2.00 (50.8)	1.37 (34.9)	0.31 (7.9)	15000 (1034)
MPF12	1/2" Male NPT	MPF12-FTM-NPT8-	2.19 (55.6)	1.37 (34.9)	0.38 (9.6)	15000 (1034)
MPF12	3/4" Male NPT	MPF12-FTM-NPT12-	2.25 (57.2)	1.37 (34.9)	0.44 (11.1)	10000 (690)
MPF12	1" Male NPT	MPF12-FTM-NPT16-	2.63 (66.7)	1.37 (34.9)	0.44 (11.1)	10000 (690)
MPF16	1/4" Male NPT	MPF16-FTM-NPT4-	2.87 (73.0)	1.75 (44.5)	0.25 (6.4)	15000 (1034)
MPF16	3/8" Male NPT	MPF16-FTM-NPT6-	2.87 (73.0)	1.75 (44.5)	0.31 (7.9)	15000 (1034)
MPF16	1/2" Male NPT	MPF16-FTM-NPT8-	2.87 (73.0)	1.75 (44.5)	0.38 (9.6)	15000 (1034)
MPF16	3/4" Male NPT	MPF16-FTM-NPT12-	2.87 (73.0)	1.75 (44.5)	0.56 (14.3)	10000 (690)
MPF16	1" Male NPT	MPF16-FTM-NPT16-	3.06 (77.8)	1.75 (44.5)	0.56 (14.3)	10000 (690)

Medium Pressure Female to Type M hose Male

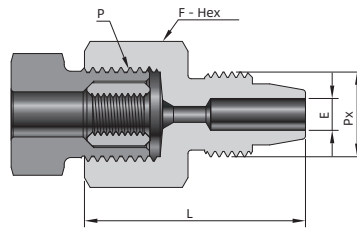


Medium Pressure Female

Type M hose Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
MPF4	RH9	MPF4-FTM-RH9-	1.19 (30.2)	0.63 (15.9)	0.09 (2.4)	20000 (1379)
MPF4	RH12	MPF4-FTM-RH12-	1.31 (33.3)	0.75 (19.1)	0.11 (2.8)	20000 (1379)
MPF4	RH14	MPF4-FTM-RH14-	1.50 (38.1)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
MPF6	RH9	MPF6-FTM-RH9-	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	20000 (1379)
MPF6	RH12	MPF6-FTM-RH12-	1.50 (38.1)	0.75 (19.1)	0.09 (2.4)	20000 (1379)
MPF6	RH14	MPF6-FTM-RH14-	1.63 (41.3)	1.00 (25.4)	0.15 (3.8)	20000 (1379)
MPF6	RH16	MPF6-FTM-RH16-	1.63 (41.3)	1.00 (25.4)	0.20 (5.2)	20000 (1379)
MPF9	RH9	MPF9-FTM-RH9-	1.69 (42.9)	1.00 (25.4)	0.09 (2.4)	20000 (1379)
MPF9	RH12	MPF9-FTM-RH12-	1.81 (46.0)	1.00 (25.4)	0.29 (7.4)	20000 (1379)
MPF9	RH14	MPF9-FTM-RH14-	1.94 (49.2)	1.00 (25.4)	0.15 (3.8)	20000 (1379)
MPF9	RH16	MPF9-FTM-RH16-	1.81 (46.0)	1.00 (25.4)	0.31 (7.9)	20000 (1379)
MPF9	RH21	MPF9-FTM-RH21-	1.81 (46.0)	1.37 (34.9)	0.31 (7.9)	20000 (1379)
MPF12	RH14	MPF12-FTM-RH12-	2.19 (55.6)	1.37 (34.9)	0.15 (3.8)	20000 (1379)
MPF12	RH16	MPF12-FTM-RH14-	2.13 (54.0)	1.37 (34.9)	0.39 (10.0)	20000 (1379)
MPF12	RH21	MPF12-FTM-RH16-	2.00 (50.8)	1.37 (34.9)	0.44 (11.1)	20000 (1379)
MPF16	RH21	MPF16-FTM-RH21-	2.56 (65.1)	1.75 (44.5)	0.56 (14.3)	20000 (1379)

High Pressure Female to Low Pressure Male

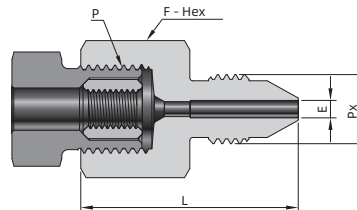


High Pressure Female

Low Pressure Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
HPF4	LPF2	HPF4-FTM-LPF2-	1.19 (30.2)	0.75(19.1)	0.09 (2.4)	15000 (1034)
HPF4	LPF4	HPF4-FTM-LPF4-	1.31 (33.3)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
HPF4	LPF6	HPF4-FTM-LPF6-	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
HPF4	LPF8	HPF4-FTM-LPF8-	1.37 (34.9)	0.94 (23.8)	0.09 (2.4)	10000 (690)
HPF6	LPF2	HPF6-FTM-LPF2-	1.44 (36.5)	1.00 (25.4)	0.09 (2.4)	15000 (1034)
HPF6	LPF4	HPF6-FTM-LPF4-	1.56 (39.7)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
HPF6	LPF6	HPF6-FTM-LPF6-	1.63 (41.3)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
HPF6	LPF8	HPF6-FTM-LPF8-	1.69 (42.9)	1.00 (25.4)	0.13 (3.2)	10000 (690)
HPF9	LPF2	HPF9-FTM-LPF2-	1.75 (44.5)	1.37 (34.9)	0.09 (2.4)	15000 (1034)
HPF9	LPF4	HPF9-FTM-LPF4-	1.75 (44.5)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
HPF9	LPF6	HPF9-FTM-LPF6-	1.81(46.0)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
HPF9	LPF8	HPF9-FTM-LPF8-	1.87 (47.6)	1.37 (34.9)	0.19 (4.8)	10000 (690)

High Pressure Female to Medium Pressure Male

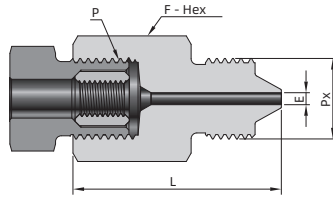


High Pressure Female

Medium Pressure Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
HPF4	MPF4	HPF4-FTM-MPF4-	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	20000 (1379)
HPF4	MPF6	HPF4-FTM-MPF6-	1.50 (38.1)	0.75 (19.1)	0.09 (2.4)	20000 (1379)
HPF4	MPF9	HPF4-FTM-MPF9-	1.69 (42.9)	0.94 (23.8)	0.09 (2.4)	20000 (1379)
HPF4	MPF12	HPF4-FTM-MPF12-	1.75 (44.5)	1.18(30)	0.09 (2.4)	20000 (1379)
HPF4	MPF16	HPF4-FTM-MPF16-	2.37 (60.3)	1.50 (38.1)	0.09 (2.4)	20000 (1379)
HPF6	MPF4	HPF6-FTM-MPF4-	1.67 (42.3)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
HPF6	MPF6	HPF6-FTM-MPF6-	1.81 (46.0)	1.00 (25.4)	0.13 (3.2)	20000 (1379)
HPF6	MPF9	HPF6-FTM-MPF9-	1.94 (49.2)	1.00 (25.4)	0.13 (3.2)	20000 (1379)
HPF6	MPF12	HPF6-FTM-MPF12-	2.13 (54.0)	1.18(30)	0.13 (3.2)	20000 (1379)
HPF6	MPF16	HPF6-FTM-MPF16-	2.50 (63.5)	1.50 (38.1)	0.13 (3.2)	20000 (1379)
HPF9	MPF4	HPF9-FTM-MPF4-	1.87 (47.6)	1.37 (34.9)	0.11 (2.8)	20000 (1379)
HPF9	MPF6	HPF9-FTM-MPF6-	2.00 (50.8)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
HPF9	MPF9	HPF9-FTM-MPF9-	2.19 (55.6)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
HPF9	MPF12	HPF9-FTM-MPF12-	2.37 (60.3)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
HPF9	MPF16	HPF9-FTM-MPF16-	2.81 (71.4)	1.50 (38.1)	0.19 (4.8)	20000 (1379)

High Pressure Female to High Pressure Male

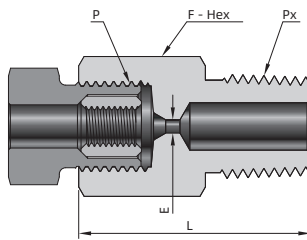


High Pressure Female

High Pressure Male

P-Connection Type	PX-Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
HPF4	HPF4	HPF4-FTM-HPF4-	1.44 (36.5)	0.75 (19.1)	0.08 (2.1)	60000 (4137)
HPF4	HPF6	HPF4-FTM-HPF6-	1.69 (42.9)	0.81 (20.6)	0.09 (2.4)	60000 (4137)
HPF4	HPF9	HPF4-FTM-HPF9-	1.75 (44.5)	1.18 (30)	0.09 (2.4)	60000 (4137)
HPF6	HPF4	HPF6-FTM-HPF4-	1.75 (44.5)	1.00 (25.4)	0.08 (2.1)	60000 (4137)
HPF6	HPF6	HPF6-FTM-HPF6-	2.00 (50.8)	1.00 (25.4)	0.13 (3.2)	60000 (4137)
HPF6	HPF9	HPF6-FTM-HPF9-	2.13 (54.0)	1.18 (30)	0.13 (3.2)	60000 (4137)
HPF9	HPF4	HPF9-FTM-HPF4-	2.06 (52.4)	1.37 (34.9)	0.08 (2.1)	60000 (4137)
HPF9	HPF6	HPF9-FTM-HPF6-	2.37 (60.3)	1.37 (34.9)	0.13 (3.2)	60000 (4137)
HPF9	HPF9	HPF9-FTM-HPF9-	2.50 (63.5)	1.37 (34.9)	0.19 (4.8)	60000 (4137)

High Pressure Female to Male NPT Thread

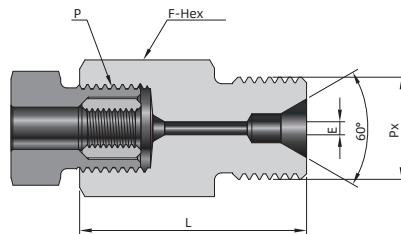


High Pressure Female

Male NPT Threads

P-Connection Type	PX-Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
HPF4	1/8" Male NPT	HPF4-FTM-NPT2-	1.25 (31.8)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
HPF4	1/4" Male NPT	HPF4-FTM-NPT4-	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
HPF4	3/8" Male NPT	HPF4-FTM-NPT6-	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
HPF4	1/2" Male NPT	HPF4-FTM-NPT8-	1.50 (38.1)	0.87 (22.2)	0.09 (2.4)	15000 (1034)
HPF4	3/4" Male NPT	HPF4-FTM-NPT12-	1.75 (44.5)	1.06 (27.0)	0.09 (2.4)	10000 (690)
HPF6	1/8" Male NPT	HPF6-FTM-NPT2-	1.50 (38.1)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
HPF6	1/4" Male NPT	HPF6-FTM-NPT4-	1.63 (41.3)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
HPF6	3/8" Male NPT	HPF6-FTM-NPT6-	1.63 (41.3)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
HPF6	1/2" Male NPT	HPF6-FTM-NPT8-	1.75 (44.5)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
HPF6	3/4" Male NPT	HPF6-FTM-NPT12-	2.00 (50.8)	1.06 (27.0)	0.13 (3.2)	10000 (690)
HPF6	1" Male NPT	HPF6-FTM-NPT16-	2.00 (50.8)	1.37 (34.9)	0.13 (3.2)	10000 (690)
HPF9	1/8" Male NPT	HPF9-FTM-NPT2-	1.63 (41.3)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
HPF9	1/4" Male NPT	HPF9-FTM-NPT4-	1.75 (44.5)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
HPF9	3/8" Male NPT	HPF9-FTM-NPT6-	1.75 (44.5)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
HPF9	1/2" Male NPT	HPF9-FTM-NPT8-	1.87 (47.6)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
HPF9	3/4" Male NPT	HPF9-FTM-NPT12-	2.13 (54.0)	1.37 (34.9)	0.19 (4.8)	10000 (690)
HPF9	1" Male NPT	HPF9-FTM-NPT16-	2.25 (57.2)	1.37 (34.9)	0.19 (4.8)	10000 (690)

High Pressure Female to Type M hose Male

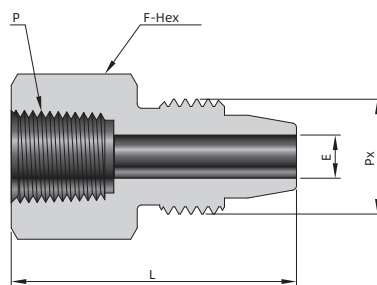


High Pressure Female

Type M hose Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
HPF4	RH9	HPF4-FTM-RH9-	1.25 (31.8)	0.75 (19.1)	0.09 (2.4)	30000 (2068)
HPF4	RH12	HPF4-FTM-RH12-	1.38 (35.0)	0.75 (19.1)	0.09 (2.4)	30000 (2068)
HPF4	RH14	HPF4-FTM-RH14-	1.56 (39.7)	1.00 (25.4)	0.09 (2.4)	30000 (2068)
HPF4	RH16	HPF4-FTM-RH16-	1.37 (34.9)	1.00 (25.4)	0.09 (2.4)	20000 (1379)
HPF6	RH9	HPF6-FTM-RH9-	1.50 (38.1)	1.00 (25.4)	0.09 (2.4)	30000 (2068)
HPF6	RH12	HPF6-FTM-RH12-	1.63 (41.3)	1.00 (25.4)	0.13 (3.2)	30000 (2068)
HPF6	RH14	HPF6-FTM-RH14-	1.81 (46.0)	1.00 (25.4)	0.13 (3.2)	30000 (2068)
HPF6	RH16	HPF6-FTM-RH16-	1.64 (41.6)	1.00 (25.4)	0.13 (3.2)	20000 (1379)
HPF6	RH21	HPF6-FTM-RH21-	1.56 (39.7)	1.37 (34.9)	0.13 (3.2)	20000 (1379)
HPF9	RH14	HPF9-FTM-RH14-	2.00 (50.8)	1.37 (34.9)	0.15 (3.8)	30000 (2068)
HPF9	RH16	HPF9-FTM-RH16-	1.81 (46.0)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
HPF9	RH21	HPF9-FTM-RH21-	1.81 (46.0)	1.37 (34.9)	0.19 (4.8)	20000 (1379)

Female NPT Threads to Low Pressure Male

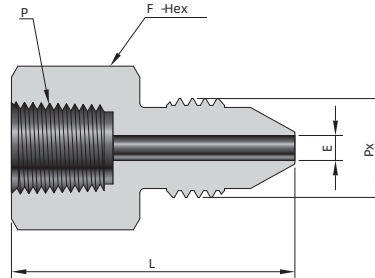


Female NPT Threads

Low Pressure Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
1/8" Female NPT	LPF2	FNPT2-FTM-LPF2-	1.13 (28.6)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
1/8" Female NPT	LPF4	FNPT2-FTM-LPF4-	1.25 (31.7)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
1/8" Female NPT	LPF6	FNPT2-FTM-LPF6-	1.31 (33.3)	0.75 (19.1)	0.25 (6.4)	15000 (1034)
1/8" Female NPT	LPF8	FNPT2-FTM-LPF8-	1.31 (33.3)	0.94 (23.8)	0.37 (9.5)	10000 (690)
1/4" Female NPT	LPF2	FNPT4-FTM-LPF2-	1.31 (33.3)	0.94 (23.8)	0.09 (2.4)	15000 (1034)
1/4" Female NPT	LPF4	FNPT4-FTM-LPF4-	1.50 (38.1)	0.94 (23.8)	0.19 (4.8)	15000 (1034)
1/4" Female NPT	LPF6	FNPT4-FTM-LPF6-	1.56 (39.7)	0.94 (23.8)	0.25 (6.4)	15000 (1034)
1/4" Female NPT	LPF8	FNPT4-FTM-LPF8-	1.56 (39.7)	0.94 (23.8)	0.37 (9.5)	10000 (690)
3/8" Female NPT	LPF2	FNPT6-FTM-LPF2-	1.44 (36.5)	1.13 (28.6)	0.09 (2.4)	15000 (1034)
3/8" Female NPT	LPF4	FNPT6-FTM-LPF4-	1.56 (39.7)	1.13 (28.6)	0.19 (4.8)	15000 (1034)
3/8" Female NPT	LPF6	FNPT6-FTM-LPF6-	1.63 (41.3)	1.13 (28.6)	0.25 (6.4)	15000 (1034)
3/8" Female NPT	LPF8	FNPT6-FTM-LPF8-	1.69 (42.9)	1.13 (28.6)	0.37 (9.5)	10000 (690)
1/2" Female NPT	LPF2	FNPT8-FTM-LPF2-	1.63 (41.3)	1.37 (34.9)	0.09 (2.4)	15000 (1034)
1/2" Female NPT	LPF4	FNPT8-FTM-LPF4-	1.75 (44.5)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
1/2" Female NPT	LPF6	FNPT8-FTM-LPF6-	1.87 (47.6)	1.37 (34.9)	0.25 (6.4)	15000 (1034)
1/2" Female NPT	LPF8	FNPT8-FTM-LPF8-	1.87 (47.6)	1.37 (34.9)	0.37 (9.5)	10000 (690)
3/4" Female NPT	LPF2	FNPT12-FTM-LPF2-	1.69 (42.9)	1.50 (38.1)	0.09 (2.4)	10000 (690)
3/4" Female NPT	LPF4	FNPT12-FTM-LPF4-	1.87 (47.6)	1.50 (38.1)	0.19 (4.8)	10000 (690)
3/4" Female NPT	LPF6	FNPT12-FTM-LPF6-	1.94 (49.2)	1.50 (38.1)	0.25 (6.4)	10000 (690)
3/4" Female NPT	LPF8	FNPT12-FTM-LPF8-	1.94 (49.2)	1.50 (38.1)	0.37 (9.5)	10000 (690)
1" Female NPT	LPF2	FNPT16-FTM-LPF2-	2.00 (50.8)	1.75 (44.5)	0.09 (2.4)	10000 (690)
1" Female NPT	LPF4	FNPT16-FTM-LPF4-	2.13 (54.0)	1.75 (44.5)	0.19 (4.8)	10000 (690)
1" Female NPT	LPF6	FNPT16-FTM-LPF6-	2.19 (55.6)	1.75 (44.5)	0.25 (6.4)	10000 (690)
1" Female NPT	LPF8	FNPT16-FTM-LPF8-	2.19 (55.6)	1.75 (44.5)	0.37 (9.5)	10000 (690)

Female NPT Threads to Medium Pressure Male 20 Series Male

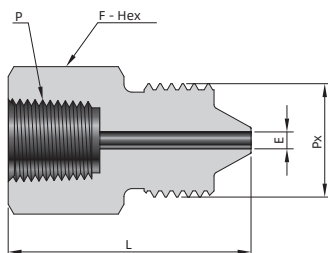


Female NPT Threads

Medium Pressure Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
1/8" Female NPT	MPF4	FNPT2-FTM-MPF4-	1.25 (31.8)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
1/8" Female NPT	MPF6	FNPT2-FTM-MPF6-	1.37 (34.9)	0.63 (15.9)	0.20 (5.2)	15000 (1034)
1/8" Female NPT	MPF9	FNPT2-FTM-MPF9-	1.50 (38.1)	0.94 (23.8)	0.31 (7.9)	15000 (1034)
1/8" Female NPT	MPF12	FNPT2-FTM-MPF12-	1.75 (44.5)	1.18 (30)	0.31 (7.9)	15000 (1034)
1/8" Female NPT	MPF16	FNPT2-FTM-MPF16-	2.37 (60.3)	1.50 (38.1)	0.31 (7.9)	15000 (1034)
1/4" Female NPT	MPF4	FNPT4-FTM-MPF4-	1.44 (36.5)	0.94 (23.8)	0.11 (2.8)	15000 (1034)
1/4" Female NPT	MPF6	FNPT4-FTM-MPF6-	1.63 (41.3)	0.94 (23.8)	0.20 (5.2)	15000 (1034)
1/4" Female NPT	MPF9	FNPT4-FTM-MPF9-	1.75 (44.5)	0.94 (23.8)	0.31 (7.9)	15000 (1034)
1/4" Female NPT	MPF12	FNPT4-FTM-MPF12-	1.87 (47.6)	1.18 (30)	0.41 (10.4)	15000 (1034)
1/4" Female NPT	MPF16	FNPT4-FTM-MPF16-	2.37 (60.3)	1.50 (38.1)	0.41 (10.4)	15000 (1034)
3/8" Female NPT	MPF4	FNPT6-FTM-MPF4-	1.50 (38.1)	1.13 (28.6)	0.11 (2.8)	15000 (1034)
3/8" Female NPT	MPF6	FNPT6-FTM-MPF6-	1.69 (42.9)	1.13 (28.6)	0.20 (5.2)	15000 (1034)
3/8" Female NPT	MPF9	FNPT6-FTM-MPF9-	1.81 (46.0)	1.13 (28.6)	0.31 (7.8)	15000 (1034)
3/8" Female NPT	MPF12	FNPT6-FTM-MPF12-	2.00 (50.8)	1.18 (30)	0.44 (11.1)	15000 (1034)
3/8" Female NPT	MPF16	FNPT6-FTM-MPF16-	2.37 (60.3)	1.50 (38.1)	0.56 (14.3)	15000 (1034)
1/2" Female NPT	MPF4	FNPT8-FTM-MPF4-	1.75 (44.5)	1.37 (34.9)	0.11 (2.8)	15000 (1034)
1/2" Female NPT	MPF6	FNPT8-FTM-MPF6-	1.87 (47.6)	1.37 (34.9)	0.20 (5.2)	15000 (1034)
1/2" Female NPT	MPF9	FNPT8-FTM-MPF9-	2.06 (52.4)	1.37 (34.9)	0.31 (7.9)	15000 (1034)
1/2" Female NPT	MPF12	FNPT8-FTM-MPF12-	2.19 (55.6)	1.37 (34.9)	0.44 (11.1)	15000 (1034)
1/2" Female NPT	MPF16	FNPT8-FTM-MPF16-	2.56 (65.1)	1.50 (38.1)	0.56 (14.3)	15000 (1034)
3/4" Female NPT	MPF4	FNPT12-FTM-MPF4-	1.81 (46.0)	1.50 (38.1)	0.11 (2.8)	10000 (690)
3/4" Female NPT	MPF6	FNPT12-FTM-MPF6-	1.94 (49.2)	1.50 (38.1)	0.20 (5.2)	10000 (690)
3/4" Female NPT	MPF9	FNPT12-FTM-MPF9-	2.13 (54.0)	1.50 (38.1)	0.31 (7.9)	10000 (690)
3/4" Female NPT	MPF12	FNPT12-FTM-MPF12-	2.31 (58.7)	1.50 (38.1)	0.44 (11.1)	10000 (690)
3/4" Female NPT	MPF16	FNPT12-FTM-MPF16-	2.75 (69.9)	1.50 (38.1)	0.56 (14.3)	10000 (690)
1" Female NPT	MPF4	FNPT16-FTM-MPF4-	2.06 (52.4)	1.75 (44.5)	0.11 (2.8)	10000 (690)
1" Female NPT	MPF6	FNPT16-FTM-MPF6-	2.19 (55.6)	1.75 (44.5)	0.20 (5.2)	10000 (690)
1" Female NPT	MPF9	FNPT16-FTM-MPF9-	2.44 (61.9)	1.75 (44.5)	0.31 (7.9)	10000 (690)
1" Female NPT	MPF12	FNPT16-FTM-MPF12-	2.56 (63.5)	1.75 (44.5)	0.44 (11.1)	10000 (690)
1" Female NPT	MPF16	FNPT16-FTM-MPF16-	3.06 (77.8)	1.75 (44.5)	0.56 (14.3)	10000 (690)

Female NPT Threads to High Pressure Male



Female NPT Threads

High Pressure Male

P- Connection Type	PX- Connection Type	Ordering Number	Dimension, in. (mm)			Working Pressure psig (bar)
			L	F	E	
1/8" Female NPT	HPF4	FNPT2-FTM-HPF4-	1.19 (30.2)	0.63 (15.9)	0.08 (2.1)	15000 (1034)
1/8" Female NPT	HPF6	FNPT2-FTM-HPF6-	1.37 (34.9)	0.81 (20.6)	0.13 (3.2)	15000 (1034)
1/8" Female NPT	HPF9	FNPT2-FTM-HPF9-	1.63 (41.3)	1.18 (30)	0.19 (4.8)	15000 (1034)
1/4" Female NPT	HPF4	FNPT4-FTM-HPF4-	1.37 (34.9)	0.94 (23.8)	0.08 (2.1)	15000 (1034)
1/4" Female NPT	HPF6	FNPT4-FTM-HPF6-	1.63 (41.3)	0.94 (23.8)	0.13 (3.2)	15000 (1034)
1/4" Female NPT	HPF9	FNPT4-FTM-HPF9-	1.75 (44.5)	1.18 (30)	0.19 (4.8)	15000 (1034)
3/8" Female NPT	HPF4	FNPT6-FTM-HPF4-	1.44 (36.5)	1.13 (28.6)	0.08 (2.1)	15000 (1034)
3/8" Female NPT	HPF6	FNPT6-FTM-HPF6-	1.69 (42.9)	1.13 (28.6)	0.13 (3.2)	15000 (1034)
3/8" Female NPT	HPF9	FNPT6-FTM-HPF9-	1.81 (46.0)	1.18 (30)	0.19 (4.8)	15000 (1034)
1/2" Female NPT	HPF4	FNPT8-FTM-HPF4-	1.69 (42.9)	1.37 (34.9)	0.08 (2.1)	15000 (1034)
1/2" Female NPT	HPF6	FNPT8-FTM-HPF6-	1.94 (49.2)	1.37 (34.9)	0.13 (3.2)	15000 (1034)
1/2" Female NPT	HPF9	FNPT8-FTM-HPF9-	2.13 (54.0)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
3/4" Female NPT	HPF4	FNPT12-FTM-HPF4-	1.75 (44.5)	1.50 (38.1)	0.08 (2.1)	10000 (690)
3/4" Female NPT	HPF6	FNPT12-FTM-HPF6-	2.00 (50.8)	1.50 (38.1)	0.13 (3.2)	10000 (690)
3/4" Female NPT	HPF9	FNPT12-FTM-HPF9-	2.19 (55.6)	1.50 (38.1)	0.19 (4.8)	10000 (690)
1" Female NPT	HPF4	FNPT16-FTM-HPF4-	2.00 (50.8)	1.75 (44.5)	0.08 (2.1)	10000 (690)
1" Female NPT	HPF6	FNPT16-FTM-HPF6-	2.25 (57.2)	1.75 (44.5)	0.13 (3.2)	10000 (690)
1" Female NPT	HPF9	FNPT16-FTM-HPF9-	2.44 (61.9)	1.75 (44.5)	0.19 (4.8)	10000 (690)