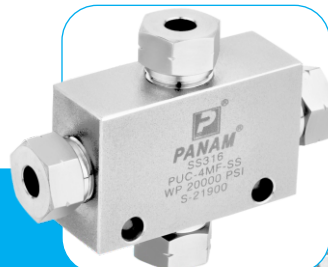




PANAM[®]
ENGINEERING
BEYOND
LIMITS

Medium & High Pressure Fittings

Maximum Working Pressure upto
60000 psi (4134 bar)



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Rev/03/2025

Introduction

PANAM[®] has emerged as renowned name in Global market for 'Instrumentation Fittings & Valves'. Since its inception in 1998 to present day, **PANAM**[®] has added new product every year and has broadened its product portfolio and its clientele base by supplying to potential customers worldwide. Key core values like Timely Delivery, Quality Consistency, Product Improvisation and after sales service has been instrumental in the phase wise evolution of company. Continuous improvement is the key to success, Customer feedback are taken with positive attitude and product are constantly groomed to a new quality and performance level to cope up with the competition. Our products are known for providing high-quality, high-reliability, low-cost options for the oil and gas industry. Over the year, the company has evolved from a product based company to a complete system solution provider. Over the coming years the entity of the company will attain state of the art operational efficiency for maintaining a competitive edge, with the advent increase in the utilization of its products in oil, gas and power sector.

PANAM[®] is having state of the art manufacturing facility span over an area of 1,65,000 sqft with a fleet of CNC machines, VMC machines, Semi-Automatic Lathe machines, High pressure test bench with SCADA control, Configuration centre for transmitters and dedicated R&D Team.

PANAM[®] cone and thread fittings are available in high tensile strength stainless steel, as well as exotic materials such as Hastelloy C, Inconel 625, Duplex, and Super Duplex, making them suitable for sour gas applications.

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Male Connector - PMC 04
Medium Pressure Cone and Thread to Male NPT



Male Connector - PMC 05
High Pressure Cone and Thread to Male NPT



Male Connector - PMC 06
Medium Pressure Cone and Thread to Medium Pressure Male



Male Connector - PMC 07
High Pressure Cone and Thread to Medium Pressure Male



Male Connector - PMC 08
Medium Pressure Cone and Thread to High Pressure Male



Male Connector - PMC 08
High Pressure Cone and Thread to High Pressure Male



Female Connector - PFC 09
Medium Pressure Cone and Thread to Female NPT



Female Connector - PFC 10
High Pressure Cone and Thread to Female NPT



Union - PU 11
Medium Pressure Female to Medium Pressure Female



Union - PU 11
High Pressure Female to High Pressure Female



Reducing Union - PRU 12
Medium Pressure Female to Medium Pressure Female



Reducing Union - PRU 12
High Pressure Female to High Pressure Female



Elbow - PUE 13
Medium Pressure Female to Medium Pressure Female



Elbow - PUE 13
High Pressure Female to High Pressure Female



Tee - PUT 14
Medium Pressure to Medium Pressure Female



Tee - PUT 14
High Pressure Female to High Pressure Female



Cross - PUC 15
Medium Pressure to Medium Pressure Female



Cross - PUC 15
High Pressure Female to High Pressure Female



Bulkhead Union - PBU 16
Medium Pressure Female to Medium Pressure Female



Bulkhead Union - PBU 16
High Pressure Female to High Pressure Female



Reducer - PR 17
Medium Pressure Cone and Thread to Medium Pressure Tube



Reducer - PR 17
High Pressure Cone and Thread to High Pressure Tube



Female Adapter - PFA 18
Medium Pressure Tube to Female NPT



Female Adapter - PFA 19
High Pressure Tube to Female NPT



Male Adapter - PMA 20
Medium Pressure Tube to Male NPT



Male Adapter - PMA 21
High Pressure Tube to Male NPT



Adapter - PA 22
Medium Pressure Female NPT to Male



Adapter - PA 23
High Pressure Female NPT to Male



Hex Nipple - PHN 24
Medium Pressure Male to Medium Pressure Male



Contents

Hex Nipple - PHN 24
High Pressure Male to High Pressure Male



Hex Nipple - PHN 25
Medium Pressure Male to Male NPT



Hex Nipple - PHN 26
High Pressure Male to Male NPT



Hex Nipple - PHN 27
High Pressure Male to Medium Pressure Male



Cap - PTC 28
Medium Pressure Female to Medium Pressure Female



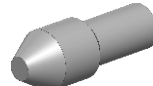
Cap - PTC 28
High Pressure Female to High Pressure Female



Plug - PTP 29
Medium Pressure Male to Medium Pressure Male



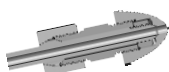
Plug - PTP 29
High Pressure Male to High Pressure Male



Anti-Vibration Glands - PAVG 30
Medium Pressure Male to Medium Pressure Male



Anti-Vibration Glands - PAVG 30
High Pressure Male to High Pressure Male



Glands - PG 31
Medium Pressure Male to Medium Pressure Male



Glands - PG 31
High Pressure Male to High Pressure Male



Collar - PCL 32
Medium Pressure Male to Medium Pressure Male



Collar - PCL 32
High Pressure Male to High Pressure Male



Other Products 35

General Information

PANAM® PANAM medium and high-pressure cone and threaded fittings and valves are designed to support high-pressure gas and liquid systems. They are capable of handling working pressures of up to 60,000 psi

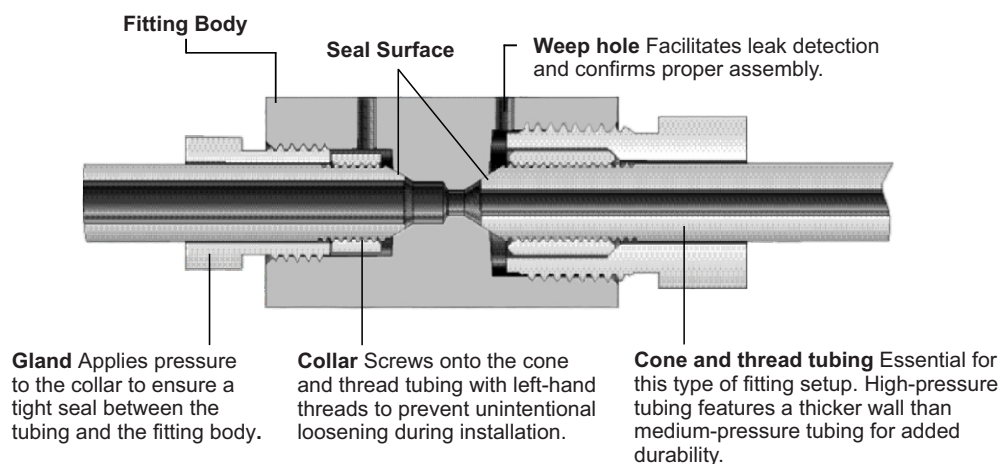
Specifications

- Maximum working pressure of medium pressure fittings up to 20000 PSI (1378 bar).
- Maximum working pressure of high-pressure fittings up to 60000 PSI (4134 bar).
- Connecting sizes - 1/4 " , 3/8" , 9/16 " , 3/4" , 1 " .
- Working temperature range -51°C to + 537°C (-60°F to + 1000°F).
- All fittings are supplied with glands and sleeves.

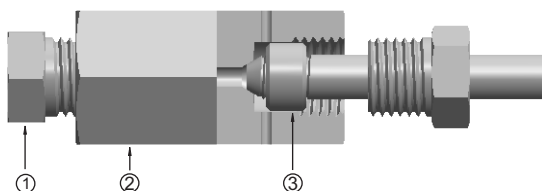
Construction

Medium-pressure cone and thread end connection displayed on the left side of the fitting.

High-pressure cone and thread end connection displayed on the right side of the fitting



Material of Construction



No	Part	Qty	Material
1	Body	1	316 SS/ A276, A479
2	Gland	1	316 SS/ A276
3	Collar	1	316 SS/ A276

Cleaning and Packaging

All **PANAM**® Cone and Thread Fittings are cleaned in accordance with **PANAM**® standard cleaning and packaging.

Medium-Pressure Cone and Thread Fitting Assembly

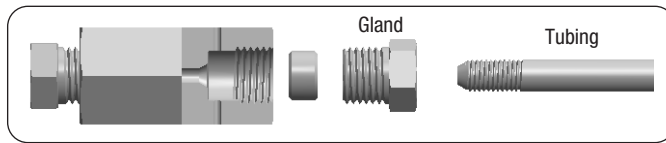


Fig. 1

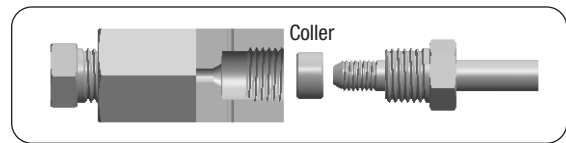


Fig. 2

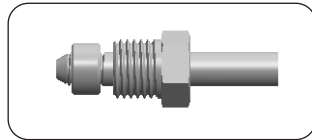


Fig. 3

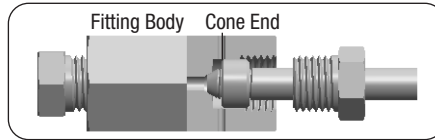


Fig. 4

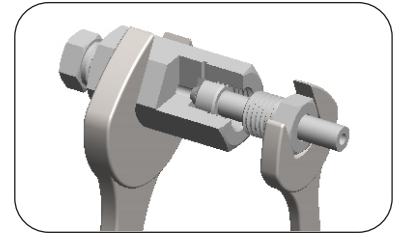


Fig. 5

High-Pressure Cone and Thread Fitting Assembly

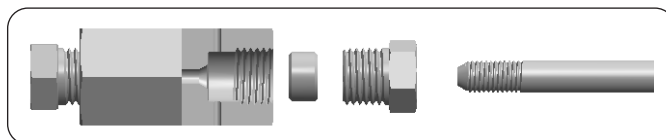


Fig. 1

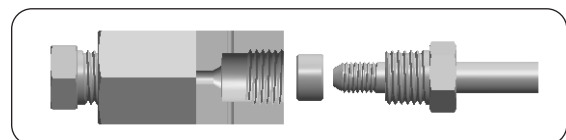


Fig. 2

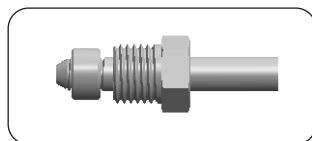


Fig. 3

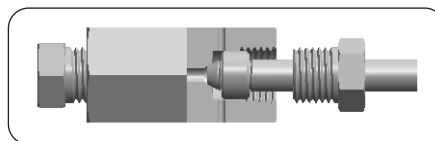


Fig. 4

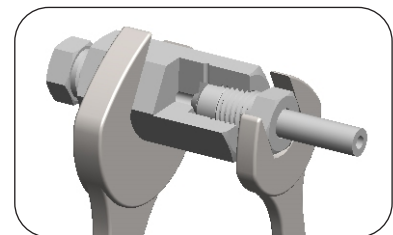


Fig. 5

1. Lubricate all male threads with an anti-seize lubricant, Lubricate the cone end of the tubing with a system compatible lubricant. Note: Anti-vibration collet bodies and gland nuts containing dry film lubricate applied at the factory do not need additional lubrication.
2. For standard fittings, slide the tubing into the gland (Fig. 1). slide anti-vibration gland nut and collet onto tubing.

For medium-pressure anti-vibration fittings, slide the anti- vibration collet body onto tubing.

Note: Ensure proper orientation of collet body. Tapered face of collet body is to mate with collet.
3. Thread the collar counter-clockwise (left-hand thread) onto the tubing (Fig. 2).
4. Continue threading until 1 to 2 full threads are exposed at the cone end of the tubing. This will indicate proper position of the collar (Fig. 3).
5. Insert the tubing with the collar into the fitting body (Fig. 4).
6. Make sure the cone end of the tubing rests firmly on the angled seat of the fitting body (Fig. 5).
7. For standard fittings thread the gland into the fitting body until finger tight. Hold the fitting body steady and tighten the gland (Fig. 6) to the required torque.

For high-pressure anti-vibration fittings, thread the gland nut into the fitting body until finger tight. Hold the body steady and tighten the gland to the required torque.

For medium-pressure anti-vibration fittings thread the anti-vibration collet body into the fitting body until finger tight. Tighten the anti-vibration collet body to specified torque. Then thread the anti vibration gland nut onto the anti-vibration collet body until finger tight. Tighten the anti-vibration gland nut to the required torque. The collet will grip the tube when the anti-vibration gland nut is tightened.

Ordering Information

PANAM

PRU - 6MF - 4MF - SS

Type of Fitting	
U	Union
RU	Reducing Union
E	Elbow
T	Tee
C	Cross
BU	Bulkhead Union
C	Cap
P	Plug
AVG	Anti-Vibration Glands
G	Glands
C	Collar
FC	Female Connector
MC	Male Connector
R	Reducer
FA	Female Adapter
MA	Male Adapter
A	Adapter
HN	Hex Nipple

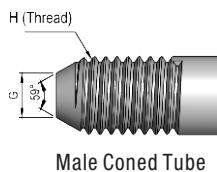
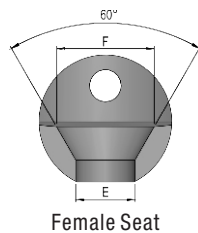
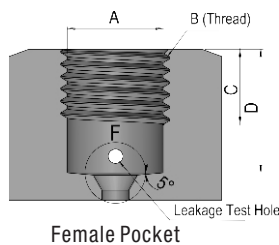
P1 Size	
2	1/8
4	1/4
6	3/8
8	1/2
9	9/16
12	3/4
16	1
M9	9/16

Type of Threads	
M	Medium Pressure
H	High Pressure
MF	Medium Pressure Female
HF	High Pressure Female
MM	Medium Pressure Male
HM	High Pressure Male
MT	Medium Pressure Tube
HT	High Pressure Tube
N	NPT
-	Type M Male

P2, P3 and P4	
Specified in the same way as the P1	

Material	
SS	316 SS

Dimensions - Cone & Thread End Connection

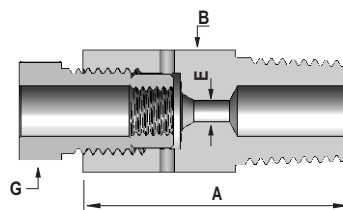


Tube Size, in.	Dimensions in, (mm)							
	A	B	C	D	E	F	G	H
Medium Pressure 20000 psi (1378 bar)								
1/4	0.39	7/16	0.28	0.50	0.11	0.19	0.14	1/4
	(9.9)	(20.0)	(7.1)	(12.7)	(2.8)	(4.6)	(3.6)	(28.0)
3/8	0.52	9/16	0.38	0.63	0.20	0.31	0.25	3/8
	(13.2)	(18.0)	(9.7)	(16.0)	(5.1)	(7.9)	(6.4)	(24.0)
9/16	0.75	13/16	0.44	0.75	0.31	0.50	0.41	9/16
	(19.0)	(16.0)	(11.2)	(19.0)	(7.9)	(12.7)	(10.4)	(18.0)
3/4	0.95	3/4	0.70	0.94	0.44	0.63	0.56	3/4
	(24.1)	(14NPSM)	(17.8)	(23.9)	(11.2)	(16.0)	(14.2)	(16.0)
1	1.30	1-3/8	0.81	1.31	0.56	0.88	0.72	1
	(33.0)	(12.0)	(20.6)	(33.3)	(14.2)	(22.4)	(18.3)	(14.0)
High Pressure 60000 psi (4134 bar)								
1/4	0.52	9/16	0.38	0.44	0.09	0.17	0.13	1/4
	(13.2)	(18.0)	(9.7)	(11.2)	(2.3)	(4.3)	(3.3)	(28.0)
3/8	0.69	3/4	0.53	0.63	0.13	0.27	0.22	3/8
	(17.5)	(16.0)	(13.5)	(16.0)	(3.3)	(6.9)	(5.6)	(24.0)
9/16	1.05	1-1/8	0.62	0.75	0.19	0.38	0.28	9/16
	(26.7)	(12.0)	(15.7)	(19.0)	(4.6)	(9.7)	(7.1)	(18.0)

Dimensions are for reference only and subject to change

⚠ When interchanging anti-vibration glands, it is recommended to install as per the gland manufacturers instructions

Male Connector

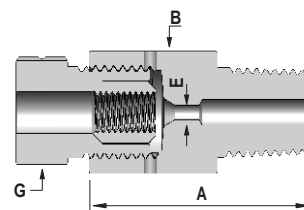


Medium Pressure Cone and Thread to Male NPT

Part No	Connection		Orifice E	Dimensions in. (mm)			Working Pressure psig (bar)
	Tube OD	NPT (Male)		A	F (B)	G	
PMC-4MF-2N-SS	1/4	1/8	2.8	1-3/16 (30.1)	5/8 (15.8)	1/2 (12.7)	15000 (1034)
PMC-4MF-4N-SS	1/4	1/4	2.8	1-3/8 (34.9)	5/8 (15.8)	1/2 (12.7)	15000 (1034)
PMC-4MF-6N-SS	1/4	3/8	2.8	1-3/8 (34.9)	11/16 (17.4)	1/2 (12.7)	15000 (1034)
PMC-4MF-8N-SS	1/4	1/2	2.8	1-3/8 (34.9)	7/8 (22.2)	1/2 (12.7)	15000 (1034)
PMC-4MF-8N-SS	1/4	3/4	2.8	1-3/4 (44.5)	11/16 (26.9)	1/2 (12.7)	10000 (690)
PMC-6MF-2N-SS	3/8	1/8	0.19 (4.8)	1-3/8 (34.9)	3/4 (19)	5/8 (15.8)	15000 (1034)
PMC-6MF-4N-SS	3/8	1/4	0.20 (5.2)	1-1/2 (38.1)	3/4 (19)	5/8 (15.8)	15000 (1034)
PMC-6MF-6N-SS	3/8	3/8	0.20 (5.2)	1-1/2 (38.1)	3/4 (19)	5/8 (15.8)	15000 (1034)
PMC-6MF-8N-SS	3/8	1/2	0.20 (5.2)	1.63 (41.3)	7/8 (22.2)	5/8 (15.8)	15000 (1034)
PMC-6MF-12N-SS	3/8	3/4	0.20 (5.2)	1-3/4 (44.5)	1-1/16 (26.9)	5/8 (15.8)	10000 (690)
PMC-6MF-16N-SS	3/8	1	0.20 (5.2)	2.00 (50.8)	1-3/8 (34.9)	5/8 (15.8)	10000 (690)
PMC-9MF-2N-SS	9/16	1/8	0.19 (4.8)	1-3/4 (44.5)	1 (25.4)	7/8 (22.2)	15000 (1034)
PMC-9MF-4N-SS	9/16	1/4	0.25 (6.4)	1- 3/4 (44.5)	1 (25.4)	7/8 (22.2)	15000 (1034)
PMC-9MF-6N-SS	9/16	3/8	0.31 (7.9)	1- 3/4 (44.5)	1 (25.4)	7/8 (22.2)	15000 (1034)
PMC-9MF-8N-SS	9/16	1/2	0.31 (7.9)	1.94 (49.2)	1 (25.4)	7/8 (22.2)	15000 (1034)
PMC-9MF-12N-SS	9/16	3/4	0.31 (7.9)	2.00 (50.8)	1-1/16 (26.9)	7/8 (22.2)	10000 (690)
PMC-9MF-16N-SS	9/16	1	0.31 (7.9)	2.25 (57.2)	1-3/8 (34.9)	7/8 (22.2)	10000 (690)
PMC-12MF-4N-SS	3/4	1/4	0.25 (6.4)	2.00 (50.8)	1-3/8 (34.9)	1-3/16 (30.1)	15000 (1034)
PMC-12MF-6N-SS	3/4	3/8	0.31 (7.9)	2.00 (50.8)	1-3/8 (34.9)	1-3/16 (30.1)	15000 (1034)
PMC-12MF-8N-SS	3/4	1/2	0.38 (9.6)	2.19 (55.6)	1-3/8 (34.9)	1-3/16 (30.1)	15000 (1034)
PMC-12MF-12N-SS	3/4	3/4	0.44 (11.1)	2.25 (57.2)	1-3/8 (34.9)	1-3/16 (30.1)	10000 (690)
PMC-12MF-16N-SS	3/4	1	0.44 (11.1)	2.63 (66.7)	1-3/8 (34.9)	1-3/16 (30.1)	10000 (690)
PMC-16MF-4N-SS	1	1/4	0.25 (6.4)	2.87 (73.0)	1-3/4 (44.5)	1-3/8 (34.9)	15000 (1034)
PMC-16MF-6N-SS	1	3/8	0.31 (7.9)	2.87 (73.0)	1-3/4 (44.5)	1-3/8 (34.9)	15000 (1034)
PMC-16MF-8N-SS	1	1/2	0.38 (9.6)	2.87 (73.0)	1-3/4 (44.5)	1-3/8 (34.9)	15000 (1034)
PMC-16MF-12N-SS	1	3/4	0.56 (14.3)	2.87 (73.0)	1-3/4 (44.5)	1-3/8 (34.9)	10000 (690)
PMC-16MF-16N-SS	1	1	0.56 (14.3)	3.06 (77.8)	1-3/4 (44.5)	1-3/8 (34.9)	10000 (690)

Dimensions are for reference only and subject to change

Male Connector

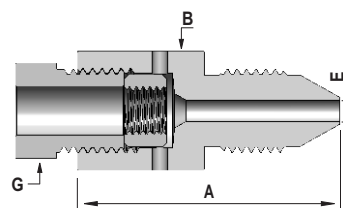


High Pressure Cone and Thread to Male NPT

Part No	Connection		Orifice E	Dimensions in. (mm)			Working Pressure psig (bar)
	Tube OD	NPT (Male)		A	F (B)	G	
PMC-4HF-2N-SS	1/4	1/8	0.09 (2.4)	1.25 (31.8)	3/4 (19)	5/8 (15.8)	15000 (1034)
PMC-4HF-4N-SS	1/4	1/4	0.09 (2.4)	1-3/8 (34.9)	3/4 (19)	5/8 (15.8)	15000 (1034)
PMC-4HF-6N-SS	1/4	3/8	0.09 (2.4)	1-3/8 (34.9)	3/4 (19)	5/8 (15.8)	15000 (1034)
PMC-4HF-8N-SS	1/4	1/2	0.09 (2.4)	1-1/2 (38.1)	7/8 (22.2)	5/8 (15.8)	15000 (1034)
PMC-4HF-12N-SS	1/4	3/4	0.09 (2.4)	1-3/4 (44.5)	11/16 (26.9)	5/8 (15.8)	10000 (690)
PMC-6HF-2N-SS	3/8	1/8	0.13 (3.2)	1-1/2 (38.1)	1 (25.4)	13/16 (20.6)	15000 (1034)
PMC-6HF-4N-SS	3/8	1/4	0.13 (3.2)	1.63 (41.3)	1 (25.4)	13/16 (20.6)	15000 (1034)
PMC-6HF-6N-SS	3/8	3/8	0.13 (3.2)	1.63 (41.3)	1 (25.4)	13/16 (20.6)	15000 (1034)
PMC-6HF-8N-SS	3/8	1/2	0.13 (3.2)	1-3/4 (44.5)	1 (25.4)	13/16 (20.6)	15000 (1034)
PMC-6HF-12N-SS	3/8	3/4	0.13 (3.2)	2.00 (50.8)	11/16 (26.9)	13/16 (20.6)	10000 (690)
PMC-6HF-16N-SS	3/8	1	0.13 (3.2)	2.00 (50.8)	1-3/8 (34.9)	13/16 (20.6)	10000 (690)
PMC-9HF-2N-SS	9/16	1/8	0.19 (4.8)	1.63 (41.3)	1-3/8 (34.9)	13/16 (30.1)	15000 (1034)
PMC-9HF-4N-SS	9/16	1/4	0.19 (4.8)	1-3/4 (44.5)	1-3/8 (34.9)	13/16 (30.1)	15000 (1034)
PMC-9HF-6N-SS	9/16	3/8	0.19 (4.8)	1-3/4 (44.5)	1-3/8 (34.9)	13/16 (30.1)	15000 (1034)
PMC-9HF-8N-SS	9/16	1/2	0.19 (4.8)	1.87 (47.6)	1-3/8 (34.9)	13/16 (30.1)	15000 (1034)
PMC-9HF-12N-SS	9/16	3/4	0.19 (4.8)	2.13 (54.0)	1-3/8 (34.9)	13/16 (30.1)	10000 (690)
PMC-9HF-16N-SS	9/16	1	0.19 (4.8)	2.25 (57.2)	1-3/8 (34.9)	13/16 (30.1)	10000 (690)

Dimensions are for reference only and subject to change

Male Connector

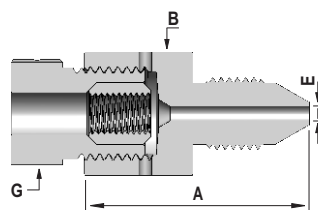


Medium Pressure Cone and Thread to Medium Pressure Male

Part No	Connection		Orifice E	Dimensions in. (mm)			Working Pressure psig (bar)
	Tube OD	Male		A	F (B)	G	
PMC-4MF-4MM-SS	1/4	1/4	0.11 (2.8)	1 3/8 (34.9)	5/8 (15.8)	1/2 (12.7)	20000 (1379)
PMC-4MF-6MM-SS	1/4	3/8	0.11 (2.8)	1 1/2 (38.1)	5/8 (15.8)	1/2 (12.7)	20000 (1379)
PMC-4MF-9MM-SS	1/4	9/16	0.11 (2.8)	1.63 (41.3)	15/16 (23.8)	1/2 (12.7)	20000 (1379)
PMC-4MF-12MM-SS	1/4	3/4	0.11 (2.8)	1 3/4 (44.5)	1-3/16 (30.1)	1/2 (12.7)	20000 (1379)
PMC-4MF-16MM-SS	1/4	1	0.11 (2.8)	2.37 (60.3)	1-1/2 (38.1)	1/2 (12.7)	20000 (1379)
PMC-6MF-4MM-SS	3/8	1/4	0.11 (2.8)	1.69 (42.9)	3/4 (19)	5/8 (15.8)	20000 (1379)
PMC-6MF-6MM-SS	3/8	3/8	0.20 (5.2)	1.69 (42.9)	3/4 (19)	5/8 (15.8)	20000 (1379)
PMC-6MF-9MM-SS	3/8	9/16	0.20 (5.2)	1.87 (47.6)	15/16 (23.8)	5/8 (15.8)	20000 (1379)
PMC-6MF-12MM-SS	3/8	3/4	0.20 (5.2)	1.94 (49.2)	1-3/16 (30.1)	5/8 (15.8)	20000 (1379)
PMC-6MF-16MM-SS	3/8	1	0.20 (5.2)	2.37 (60.3)	1-1/2 (38.1)	5/8 (15.8)	20000 (1379)
PMC-9MF-4MM-SS	9/16	1/4	0.11 (2.8)	1.94 (49.2)	1 (25.4)	7/8 (22.2)	20000 (1379)
PMC-9MF-6MM-SS	9/16	3/8	0.20 (5.2)	2.06 (52.4)	1 (25.4)	7/8 (22.2)	20000 (1379)
PMC-9MF-9MM-SS	9/16	9/16	0.31 (7.9)	2.13 (54.0)	1 (25.4)	7/8 (22.2)	20000 (1379)
PMC-9MF-12MM-SS	9/16	3/4	0.31 (7.9)	2.25 (57.2)	1-3/16 (30.1)	7/8 (22.2)	20000 (1379)
PMC-9MF-16MM-SS	9/16	1	0.31 (7.9)	2.50 (63.5)	1-1/2 (38.1)	7/8 (22.2)	20000 (1379)
PMC-12MF-4MM-SS	3/4	1/4	0.11 (2.8)	2.19 (55.6)	1-3/8 (34.9)	1-3/16 (30.1)	20000 (1379)
PMC-12MF-6MM-SS	3/4	3/8	0.20 (5.2)	2.31 (58.7)	1-1/2 (38.1)	1-3/16 (30.1)	20000 (1379)
PMC-12MF-9MM-SS	3/4	9/16	0.31 (7.9)	2.44 (61.9)	1-3/8 (34.9)	1-3/16 (30.1)	20000 (1379)
PMC-12MF-12MM-SS	3/4	3/4	0.44 (11.1)	2.56 (65.1)	1-3/8 (34.9)	1-3/16 (30.1)	20000 (1379)
PMC-12MF-16MM-SS	3/4	1	0.44 (11.1)	2.94 (74.6)	1-3/8 (34.9)	1-3/16 (30.1)	20000 (1379)
PMC-16MF-9MM-SS	1	9/16	0.31 (7.9)	3.06 (77.8)	1-3/4 (44.5)	1-3/8 (34.9)	20000 (1379)
PMC-16MF-12MM-SS	1	9/16	0.44 (11.1)	3.19 (81.0)	1-3/4 (44.5)	1-3/8 (34.9)	20000 (1379)
PMC-16MF-16MM-SS	1	1	0.56 (14.3)	3.50 (88.9)	1-3/4 (44.5)	1-3/8 (34.9)	20000 (1379)

Dimensions are for reference only and subject to change

Male Connector

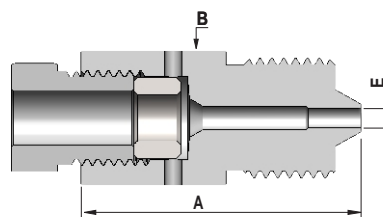
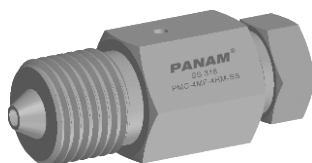


High Pressure Cone and Thread to Medium Pressure Male

Part No	Connection		Orifice E	Dimensions in. (mm)			Working Pressure psig (bar)
	Tube OD	Male		A	F (B)	G	
PMC-4HF-4MM-SS	1/4	1/4	0.09 (2.4)	1-3/8 (34.9)	3/4 (19)	5/8 (15.8)	20000 (1379)
PMC-4HF-6MM-SS	1/4	3/8	0.09 (2.4)	1-1/2 (38.1)	3/4 (19)	5/8 (15.8)	20000 (1379)
PMC-4HF-9MM-SS	1/4	9/16	0.09 (2.4)	1.69 (42.9)	15/16 (23.8)	5/8 (15.8)	20000 (1379)
PMC-4HF-12MM-SS	1/4	3/4	0.09 (2.4)	1-3/4 (44.5)	1-3/16(30.1)	5/8 (15.8)	20000 (1379)
PMC-4HF-16MM-SS	1/4	1	0.09 (2.4)	2.37 (60.3)	1-1/2 (38.1)	5/8 (15.8)	20000 (1379)
PMC-6HF-4MM-SS	3/8	1/4	0.11(2.8)	1.67 (42.3)	1 (25.4)	1-3/16 (20.6)	20000 (1379)
PMC-6HF-6MM-SS	3/8	3/8	0.13 (3.2)	1.81 (46.0)	1 (25.4)	1-3/16 (20.6)	20000 (1379)
PMC-6HF-9MM-SS	3/8	9/16	0.13 (3.2)	1.94 (49.2)	1 (25.4)	1-3/16 (20.6)	20000 (1379)
PMC-6HF-12MM-SS	3/8	3/4	0.13 (3.2)	2.13 (54.0)	1-3/16(30.1)	1-3/16 (20.6)	20000 (1379)
PMC-6HF-16MM-SS	3/8	1	0.13 (3.2)	2.50 (63.5)	1-1/2 (38.1)	1-3/16 (20.6)	20000 (1379)
PMC-9HF-4MM-SS	9/16	1/4	0.11 (2.8)	1.87 (47.6)	1-3/8 (34.9)	1-3/16 (30.1)	20000 (1379)
PMC-9HF-6MM-SS	9/16	3/8	0.19 (4.8)	2.00 (50.8)	1-3/8 (34.9)	1-3/16 (30.1)	20000 (1379)
PMC-9HF-9MM-SS	9/16	9/16	0.19 (4.8)	2.19 (55.6)	1-3/8 (34.9)	1-3/16 (30.1)	20000 (1379)
PMC-9HF-12MM-SS	9/16	3/4	0.19 (4.8)	2.37 (60.3)	1-3/8 (34.9)	1-3/16 (30.1)	20000 (1379)
PMC-9HF-16MM-SS	9/16	1	0.19 (4.8)	2.81 (71.4)	1-1/2 (38.1)	1-3/16 (30.1)	20000 (1379)

Dimensions are for reference only and subject to change

Male Connector

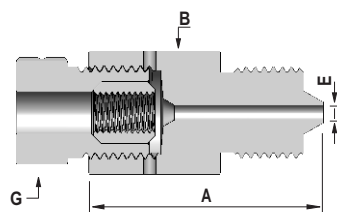


Medium Pressure Cone and Thread to High Pressure Male

Part No	Connection		Orifice E	Dimensions in. (mm)			Working Pressure psig (bar)
	Tube OD	Male		A	F (B)	G	
PMC-4MF-4HM-SS	1/4	1/4	0.08 (2.1)	1.31 (33.3)	5/8 (15.8)	1/2 (12.7)	20000 (1379)
PMC-4MF-6HM-SS	1/4	3/8	0.11 (2.8)	1-1/2 (38.1)	1-3/16 (20.6)	1/2 (12.7)	20000 (1379)
PMC-4MF-9HM-SS	1/4	9/16	0.11 (2.8)	1.63 (41.3)	1-3/16 (30.1)	1/2 (12.7)	20000 (1379)
PMC-6MF-4HM-SS	3/8	1/4	0.08 (2.1)	1-1/2 (38.1)	3/4 (19)	5/8 (15.8)	20000 (1379)
PMC-6MF-6HM-SS	3/8	3/8	0.13 (3.2)	1.69 (42.3)	1-3/16 (20.6)	5/8 (15.8)	20000 (1379)
PMC-6MF-9HM-SS	3/8	9/16	0.19 (4.8)	1-3/4 (44.5)	1-3/16 (30.1)	5/8 (15.8)	20000 (1379)
PMC-9MF-4HM-SS	9/16	1/4	0.08 (2.1)	1.81 (46.0)	1 (25.4)	7/8 (22.2)	20000 (1379)
PMC-9MF-6N-SS	9/16	3/8	0.13 (3.2)	2.13 (54.0)	1-3/16 (30.1)	7/8 (22.2)	20000 (1379)
PMC-9MF-9N-SS	9/16	9/16	0.19 (4.8)	2.13 (54.0)	1 (25.4)	7/8 (22.2)	20000 (1379)
PMC-12MF-4HM-SS	3/4	1/4	0.08 (2.1)	2.25 (57.2)	1-3/8 (34.9)	1-3/16 (30.1)	20000 (1379)
PMC-12MF-6HM-SS	3/4	3/8	0.13 (3.2)	2.50 (63.5)	1-3/8 (34.9)	1-3/16 (30.1)	20000 (1379)
PMC-12MF-9HM-SS	3/4	9/16	0.19 (4.8)	2.50 (63.5)	1-3/8 (34.9)	1-3/16 (30.1)	20000 (1379)
PMC-16MF-4HM-SS	1	1/4	0.08 (2.1)	2.94 (74.6)	1-3/4 (44.5)	1-3/8 (34.9)	20000 (1379)
PMC-16MF-6HM-SS	1	3/8	0.13 (3.2)	3/13 (79.4)	1-3/4 (44.5)	1-3/8 (34.9)	20000 (1379)
PMC-16MF-9HM-SS	1	9/16	0.19 (4.8)	3.19 (81.0)	1-3/4 (44.5)	1-3/8 (34.9)	20000 (1379)

Dimensions are for reference only and subject to change

Male Connector

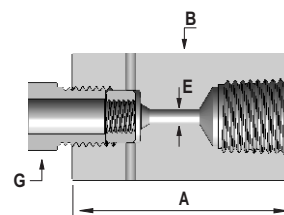


High Pressure Cone and Thread to High Pressure Male

Part No	Connection		Orifice E	Dimensions in. (mm)			Working Pressure psig (bar)
	Tube OD	Male		A	F (B)	G	
PMC-4HF-4HM-SS	1/4	1/4	0.08 (2.1)	1.44 (36.5)	3/4 (19)	5/8 (15.8)	60000 (4137)
PMC-4HF-6HM-SS	1/4	3/8	0.09 (2.4)	1.69 (42.9)	1-3/16 (20.6)	5/8 (15.8)	60000 (4137)
PMC-4HF-9HM-SS	1/4	9/16	0.09 (2.4)	1-3/4 (44.5)	1-3/16 (30.1)	5/8 (15.8)	60000 (4137)
PMC-6HF-4HM-SS	3/8	1/4	0.08 (2.1)	1-3/4 (44.5)	1-3/16 (30.1)	13/16 (20.6)	60000 (4137)
PMC-6HF-6HM-SS	3/8	3/8	0.13 (3.2)	2.00 (50.8)	1 (25.4)	13/16 (20.6)	60000 (4137)
PMC-6HF-9HM-SS	3/8	9/16	0.13 (3.2)	2.13 (54.0)	1 (25.4)	13/16 (20.6)	60000 (4137)
PMC-9HF-4HM-SS	9/16	1/4	0.08 (2.1)	2.06 (52.4)	1-3/8 (34.9)	13/16 (30.1)	60000 (4137)
PMC-9HF-6HM-SS	9/16	3/8	0.13 (3.2)	2.37 (60.3)	1-3/8 (34.9)	13/16 (30.1)	60000 (4137)
PMC-9HF-9HM-SS	9/16	9/16	0.19 (5.2)	2.50 (63.5)	1-3/8 (34.9)	13/16 (30.1)	60000 (4137)

Dimensions are for reference only and subject to change

Female Connector

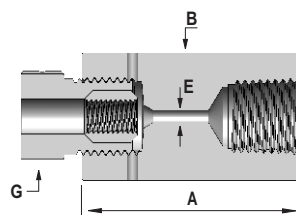


Medium Pressure Cone and Thread to Female NPT

Part No	Connection		Orifice E	Dimensions in. (mm)			Working Pressure psig (bar)
	Tube OD	NPT (Female)		A	F (B)	G	
PFC-4MF-2N-SS	1/4	1/8	0.11 (2.8)	1 3/8 (34.9)	5/8 (15.8)	1/2 (12.7)	15000 (1034)
PFC-4MF-4N-SS	1/4	1/4	0.11 (2.8)	1.63 (41.3)	15/16 (23.8)	1/2 (12.7)	15000 (1034)
PFC-4MF-6N-SS	1/4	3/8	0.11 (2.8)	1.63 (41.3)	1-1/8 (28.5)	1/2 (12.7)	15000 (1034)
PFC-4MF-8N-SS	1/4	1/2	0.11 (2.8)	2.00 (50.8)	1-3/8 (34.9)	1/2 (12.7)	15000 (1034)
PFC-6MF-2N-SS	3/8	1/8	0.20 (5.1)	1 1/2 (38.1)	3/4 (19.0)	5/8 (15.8)	15000 (1034)
PFC-6MF-4N-SS	3/8	1/4	0.20 (5.1)	1 3/4 (44.5)	15/16 (23.8)	5/8 (15.8)	15000 (1034)
PFC-6MF-6N-SS	3/8	3/8	0.20 (5.1)	1.81 (46.0)	1-1/8 (28.5)	5/8 (15.8)	15000 (1034)
PFC-6MF-8N-SS	3/8	1/2	0.20 (5.1)	2.13 (54.0)	1-3/8 (34.9)	5/8 (15.8)	15000 (1034)
PFC-6MF-12N-SS	3/8	3/4	0.20 (5.1)	2.25 (57.2)	1-1/2 (38.1)	5/8 (15.8)	10000 (690)
PFC-9MF-2N-SS	9/16	1/8	0.31 (7.9)	1.63 (41.3)	1 (25.4)	7/8 (22.2)	15000 (1034)
PFC-9MF-4N-SS	9/16	1/4	0.31 (7.9)	2.00 (50.8)	1 (25.4)	7/8 (22.2)	15000 (1034)
PFC-9MF-6N-SS	9/16	3/8	0.31 (7.9)	2.00 (50.8)	1-1/8 (28.6)	7/8 (22.2)	15000 (1034)
PFC-9MF-8N-SS	9/16	1/2	0.31 (7.9)	2.25 (57.2)	1-3/8 (34.9)	7/8 (22.2)	15000 (1034)
PFC-9MF-12N-SS	9/16	3/4	0.31 (7.9)	2.25 (57.2)	1-1/2 (38.1)	7/8 (22.2)	10000 (690)
PFC-9MF-16N-SS	9/16	1	0.31 (7.9)	2.63 (66.7)	1-3/4 (44.5)	7/8 (22.2)	10000 (690)
PFC-12MF-2N-SS	3/4	1/8	0.32 (8.1)	1 3/4 (44.5)	1-3/8 (34.9)	1-3/16 (30.1)	15000 (1034)
PFC-12MF-4N-SS	3/4	1/4	0.41 (10.4)	2.00 (50.8)	1-3/8 (34.9)	1-3/16 (30.1)	15000 (1034)
PFC-12MF-6N-SS	3/4	3/8	0.44 (11.1)	2.37 (60.3)	1-3/8 (34.9)	1-3/16 (30.1)	15000 (1034)
PFC-12MF-8N-SS	3/4	1/2	0.44 (11.1)	2.63 (66.7)	1-3/8 (34.9)	1-3/16 (30.1)	15000 (1034)
PFC-12MF-12N-SS	3/4	3/4	0.44 (11.1)	2.63 (66.7)	1-1/2 (38.1)	1-3/16 (30.1)	10000 (690)
PFC-12MF-16N-SS	3/4	1	0.44 (11.1)	2.63 (66.7)	1-3/4 (44.5)	1-3/16 (30.1)	10000 (690)
PFC-16MF-4N-SS	1	1/4	0.41 (10.4)	2.37 (60.3)	1-3/4 (44.5)	1-3/8 (34.9)	15000 (1034)
PFC-16MF-6N-SS	1	3/8	0.55 (13.9)	2.50 (63.5)	1-3/4 (44.5)	1-3/8 (34.9)	15000 (1034)
PFC-16MF-8N-SS	1	1/2	0.56 (14.3)	3.00 (76.2)	1-3/4 (44.5)	1-3/8 (34.9)	15000 (1034)
PFC-16MF-12N-SS	1	3/4	0.56 (14.3)	3.00 (76.2)	1-3/4 (44.5)	1-3/8 (34.9)	10000 (690)
PFC-16MF-16N-SS	1	1	0.56 (14.3)	3.00 (76.2)	1-3/4 (44.5)	1-3/8 (34.9)	10000 (690)

Dimensions are for reference only and subject to change

Female Connector

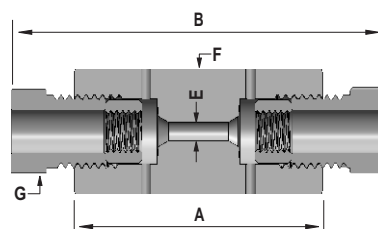


High Pressure Cone and Thread to Female NPT

Part No	Connection		Orifice E	Dimensions in. (mm)			Working Pressure psig (bar)
	Tube OD	NPT (Female)		A	F (B)	G	
PFC-4HF-2N-SS	1/4	1/8	0.09 (2.4)	1 3/8 (34.9)	3/4 (19)	5/8 (15.8)	15000 (1034)
PFC-4HF-4N-SS	1/4	1/4	0.09 (2.4)	1.63 (41.3)	15/16 (23.8)	5/8 (15.8)	15000 (1034)
PFC-4HF-6N-SS	1/4	3/8	0.09 (2.4)	1.63 (41.3)	1-1/8 (28.5)	5/8 (15.8)	15000 (1034)
PFC-4HF-8N-SS	1/4	1/2	0.09 (2.4)	2.00 (50.8)	1-3/8 (34.9)	5/8 (15.8)	15000 (1034)
PFC-4HF-12N-SS	1/4	3/4	0.09 (2.4)	2.00 (50.8)	1-1/2 (38.1)	5/8 (15.8)	10000 (690)
PFC-4HF-16N-SS	1/4	1	0.09 (2.4)	2.37 (60.3)	1-3/4 (44.5)	5/8 (15.8)	10000 (690)
PFC-6HF-2N-SS	3/8	1/8	0.13 (3.2)	1.63 (41.3)	1 (25.4)	1-3/16 (20.6)	15000 (1034)
PFC-6HF-4N-SS	3/8	1/4	0.13 (3.2)	1.87 (47.6)	1 (25.4)	1-3/16 (20.6)	15000 (1034)
PFC-6HF-6N-SS	3/8	3/8	0.13 (3.2)	1.87 (47.6)	1-1/8 (28.6)	1-3/16 (20.6)	15000 (1034)
PFC-6HF-8N-SS	3/8	1/2	0.13 (3.2)	2.13 (54.0)	1-3/8 (34.9)	1-3/16 (20.6)	15000 (1034)
PFC-6HF-12N-SS	3/8	3/4	0.13 (3.2)	2.13 (54.0)	1-1/2 (38.1)	1-3/16 (20.6)	10000 (690)
PFC-6HF-16N-SS	3/8	1	0.13 (3.2)	2.25 (57.2)	1-3/4 (44.5)	1-3/16 (20.6)	10000 (690)
PFC-9HF-2N-SS	9/16	1/8	0.19 (4.8)	1.81 (46.0)	1-3/8 (34.9)	1-3/16 (30.1)	15000 (1034)
PFC-9HF-4N-SS	9/16	1/4	0.19 (4.8)	2.00 (50.8)	1-3/8 (34.9)	1-3/16 (30.1)	15000 (1034)
PFC-9HF-6N-SS	9/16	3/8	0.19 (4.8)	2.00 (50.8)	1-3/8 (34.9)	1-3/16 (30.1)	15000 (1034)
PFC-9HF-9N-SS	9/16	1/2	0.19 (4.8)	2.37 (60.3)	1-3/8 (34.9)	1-3/16 (30.1)	15000 (1034)
PFC-9HF-12N-SS	9/16	3/4	0.19 (4.8)	2.37 (60.3)	1-1/2 (38.1)	1-3/16 (30.1)	10000 (690)
PFC-9HF-16N-SS	9/16	1	0.19 (4.8)	2.50 (63.5)	1-3/4 (44.5)	1-3/16 (30.1)	10000 (690)

Dimensions are for reference only and subject to change

Union

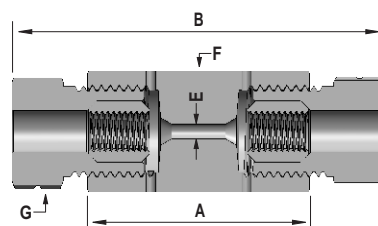


Medium Pressure Female to Medium Pressure Female

Part No	Tube OD Inch	Orifice	Dimensions in. (mm)				Working Pressure psig (bar)
			A	B	F	G	
PU-4MF-SS	1/4	0.106 (2.7)	1.50 (38.1)	2.26 (57.5)	19.0	12.7	20000 (1379)
PU-6MF-SS	3/8	0.201 (5.1)	1.75 (44.5)	2.70 (68.9)	19.0	15.8	20000 (1379)
PU-9MF-SS	9/16	0.307 (7.8)	2.12 (53.8)	3.48 (88.4)	25.4	22.2	20000 (1379)
PU-12MF-SS	3/4	0.438 (11.1)	2.50 (63.5)	3.68 (93.5)	35.0	30.0	20000 (1379)
PU-16MF-SS	1	0.562 (14.3)	3.50 (88.9)	4.98 (126.5)	44.5	35.0	20000 (1379)

Dimensions are for reference only and subject to change

Union

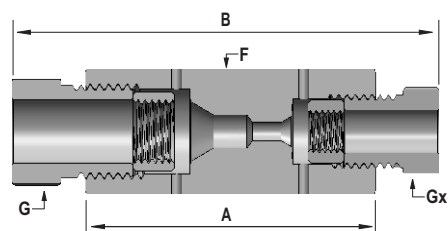
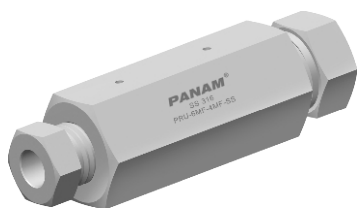


High Pressure Female to High Pressure Female

Part No	Tube OD Inch	Orifice	Dimensions in. (mm)				Working Pressure psig (bar)
			A	B	F	G	
PU-4HF-SS	1/4	0.09 (2.3)	1.38 (35.1)	2.26 (57.5)	19.0	15.8	60000 (4134)
PU-6HF-SS	3/8	0.13 (3.3)	1.75 (44.5)	2.7 (68.9)	25.4	20.6	60000 (4134)
PU-9HF-SS	9/16	0.19 (4.6)	2.25 (57.2)	3.48 (88.4)	35.0	30.1	60000 (4134)

Dimensions are for reference only and subject to change

Reducing Union

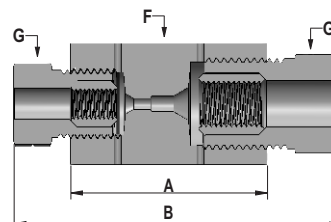


Medium Pressure Female to Medium Pressure Female

Part No	Tube OD		Orifice	Dimensions in. (mm)					Working Pressure psig (bar)
	Inch	Inch		A	B	F	G	Gx	
PRU-6MF-4MF-SS	3/8	1/4	0.106 (2.7)	1.75 (44.5)	2.57 (65.4)	0.75 (19.1)	15.8	12.7	20000 (1379)
PRU-9MF-4MF-SS	9/16	1/4	0.106 (2.7)	2.00 (50.8)	2.93 (74.5)	1.00 (25.4)	22.2	12.7	20000 (1379)
PRU-9MF-6MF-SS	9/16	3/8	0.201 (5.1)	2.00 (50.8)	3.00 (76.0)	1.00 (25.4)	22.2	15.8	20000 (1379)
PRU-12MF-4MF-SS	3/4	1/4	0.106 (2.7)	2.25 (57.2)	3.23 (82.1)	1.38 (34.9)	30.0	12.7	20000 (1379)
PRU-12MF-6MF-SS	3/4	3/8	0.201 (5.1)	2.25 (57.2)	3.29 (83.6)	1.38 (34.9)	30.0	15.8	20000 (1379)
PRU-12MF-9MF-SS	3/4	9/16	0.307 (7.8)	2.50 (63.5)	3.65 (92.7)	1.38 (34.9)	30.0	22.2	20000 (1379)
PRU-16MF-4MF-SS	1	1/4	0.106 (2.7)	2.75 (69.9)	3.87 (98.3)	1.75 (44.5)	35.0	12.7	20000 (1379)
PRU-16MF-6MF-SS	1	3/8	0.201 (5.1)	2.88 (73.0)	4.05 (102.9)	1.75 (44.5)	35.0	15.8	20000 (1379)
PRU-16MF-9MF-SS	1	9/16	0.307 (7.8)	3.00 (76.2)	4.29 (108.9)	1.75 (44.5)	35.0	22.2	20000 (1379)
PRU-16MF-12MF-SS	1	3/4	0.438 (11.1)	3.00 (76.2)	4.33 (110.1)	1.75 (44.5)	35.0	30.0	20000 (1379)

Dimensions are for reference only and subject to change

Reducing Union

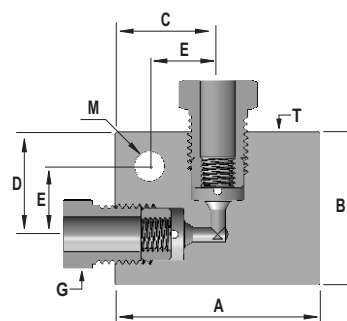


High Pressure Female to High Pressure Female

Part No	Tube OD		Orifice	Dimensions in. (mm)					Working Pressure psig (bar)
	Inch	Inch		A	B	F	G	Gx	
PRU-6HF-4HF-SS	3/8	1/4	0.090 (2.3)	1.63 (41.3)	2.70 (68.8)	1.00 (25.4)	20.6	15.8	60000 (4134)
PRU-9HF-4HF-SS	9/16	1/4	0.090 (2.3)	1.75 (44.5)	3.30 (84.2)	1.38 (34.9)	30.1	15.8	60000 (4134)
PRU-9HF-6HF-SS	9/16	3/8	0.130 (3.3)	2.00 (50.8)	3.56 (90.5)	1.38 (34.9)	30.1	20.6	60000 (4134)

Dimensions are for reference only and subject to change

Elbow

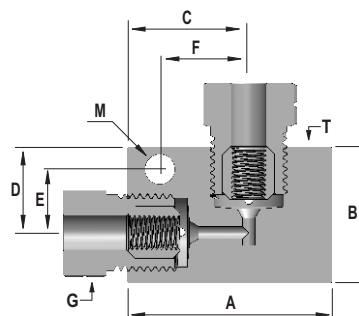
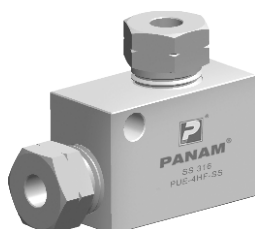


Medium Pressure Female to Medium Pressure Female

Part No	Tube OD Inch	Orifice	Dimensions in. (mm)							
			A	B	C	D	E	T	M (Dia)	G
Medium Pressure : 20000 psig (1374 bar)										
PUE-4MF-SS	1/4	0.106 (2.7)	1.13 (28.6)	1.50 (28.6)	0.75 (19.1)	0.75 (19.1)	0.50 (12.7)	5/8 (15.8)	5.5	1/2 (12.7)
PUE-6MF-SS	3/8	0.201 (5.1)	1.38 (35.1)	2.00 (50.8)	1.00 (25.4)	1.00 (25.4)	0.62 (15.8)	3/4 (19.1)	6.5	5/8 (15.8)
PUE-9MF-SS	9/16	0.307 (7.8)	1.75 (44.5)	2.50 (63.5)	1.25 (31.8)	1.25 (31.8)	0.84 (21.3)	1 (25.4)	8.5	7/8 (22.2)
PUE-12MF-SS	3/4	0.438 (11.1)	2.25(57.2)	3.00 (76.2)	1.50 (38.1)	1.50 (38.1)	1.00 (25.4)	13/8 (35)	8.5	13/16 (30.1)
PUE-16MF-SS	1	0.562 (14.3)	3.00 (76.2)	4.13 (105)	2.06 (52.3)	2.06 (52.3)	1.38 (35)	13/4 (45)	13.5	13/8 (34.9)

Dimensions are for reference only and subject to change

Elbow

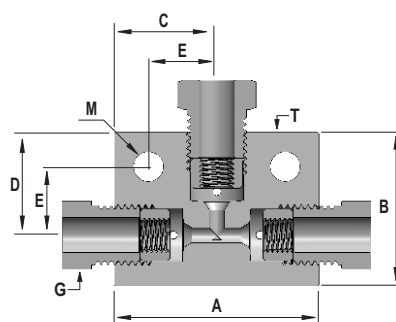
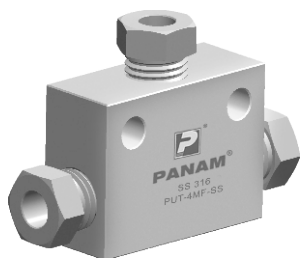


High Pressure Female to High Pressure Female

Part No	Tube OD Inch	Orifice	Dimensions in. (mm)								
			A	B	C	D	E	F	T	M(Dia)	G
High Pressure : 60000 psig (4134 bar)											
PUE-4HF-SS	1/4	0.090 (2.3)	1.13 (28.6)	1.50 (38.1)	0.75 (19.1)	0.75 (19.1)	0.46 (11.7)	0.65 (16.5)	3/4 (19.1)	5.5	5/8 (15.8)
PUE-6HF-SS	3/8	0.130 (3.3)	1.50 (38.1)	2.00 (50.8)	1.26 (32.0)	1.00 (25.4)	0.72 (18.3)	0.69 (17.5)	1 (25.4)	6.5	13/16 (20.6)
PUE-9HF-SS	9/16	0.190 (4.6)	1.89 (48)	2.64 (67.0)	1.89 (48.0)	1.10 (28)	0.83 (21.1)	0.94 (23.9)	1.5 (38.1)	8.5	13/16 (20.6)

Dimensions are for reference only and subject to change

Tee

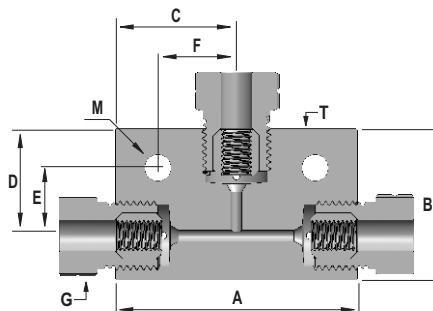
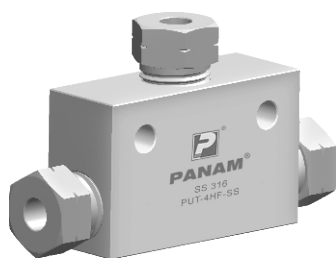


Medium Pressure Female to Medium Pressure Female

Part No	Tube OD Inch	Orifice	Dimensions in. (mm)								
			A	B	C	D	E	F	T	M(Dia)	G
High Pressure : 20000 psig (1374 bar)											
PUT-4MF-SS	1/4	0.106 (2.7)	1.13 (28.6)	1.50 (28.6)	0.75 (19.1)	0.75 (19.1)	0.50 (12.7)	1 (25.4)	5/8 (15.8)	5.5	1/2 (12.7)
PUT-6MF-SS	3/8	0.201 (5.1)	1.38 (35.1)	2.00 (50.8)	1.00 (25.4)	1.00 (25.4)	0.62 (15.8)	1.25 (32.0)	3/4 (19.1)	6.5	5/8 (15.8)
PUT-9MF-SS	9/16	0.307 (7.8)	1.75 (44.5)	2.50 (63.5)	1.25 (31.8)	1.25 (31.8)	0.84 (21.3)	1.67 (42.6)	1 (25.4)	8.5	7/8 (22.2)
PUT-12MF-SS	3/4	0.438 (11.1)	2.25(57.2)	3.00 (76.2)	1.50 (38.1)	1.50 (38.1)	1.00 (25.4)	2.00 (50.8)	13/8 (35)	8.5	1-3/16 (30.1)
PUT-16MF-SS	1	0.562 (14.3)	3.00 (76.2)	4.13 (105)	2.06 (52.3)	2.06 (52.3)	1.38 (35)	2.75 (70.0)	13/4 (45)	13.5	1-3/8 (34.9)

Dimensions are for reference only and subject to change

Tee

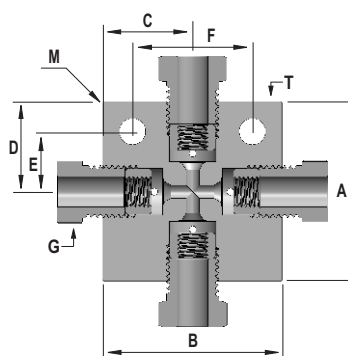
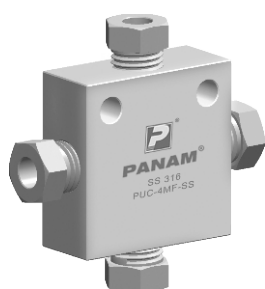


High Pressure Female to High Pressure Female

Part No	Tube OD Inch	Orifice	Dimensions in. (mm)								
			A	B	C	D	E	F	T	M(Dia)	G
High Pressure : 60000 psig (4134 bar)											
PUT-4HF-SS	1/4	0.090 (2.3)	1.25 (31.8)	2.00 (50.8)	1.00 (25.4)	0.88 (22.4)	0.56 (14.2)	1.30 (33.0)	3/4 (19.1)	5.5	5/8 (15.8)
PUT-6HF-SS	3/8	0.130 (3.3)	1.56 (39.6)	2.00 (50.8)	1.00 (25.4)	1.06 (26.9)	0.72 (18.3)	1.38 (35.0)	1 (25.4)	6.5	13/16 (20.6)
PUT-9HF-SS	9/16	0.190 (4.6)	2.12 (53.8)	2.62 (66.5)	1.31 (33.3)	1.38 (35.0)	0.83 (21.1)	1.89 (48.0)	1.5 (38.1)	8.5	13/16 (20.6)

Dimensions are for reference only and subject to change

Cross

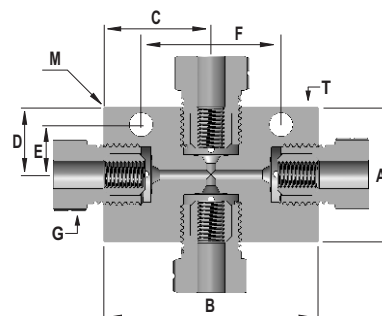
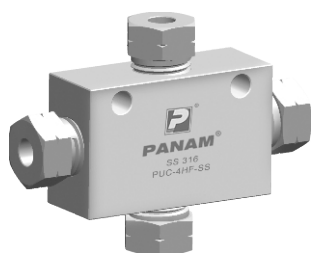


Medium Pressure Female to Medium Pressure Female

Part No	Tube OD Inch	Orifice	Dimensions in. (mm)								
			A	B	C	D	E	F	T	M(Dia)	G
High Pressure : 20000 psig (1374 bar)											
PUC-4MF-SS	1/4	0.106 (2.7)	1.50 (38.1)	1.50 (28.6)	0.75 (19.1)	0.75 (19.1)	0.50 (12.7)	1 (25.4)	5/8 (15.8)	5.5	1/2 (12.7)
PUC-6MF-SS	3/8	0.201 (5.1)	2.00 (50.8)	2.00 (50.8)	1.00 (25.4)	1.00 (25.4)	0.62 (15.8)	1.25 (32.0)	3/4 (19.1)	6.5	5/8 (15.8)
PUC-9MF-SS	9/16	0.307 (7.8)	2.50 (63.5)	2.50 (63.5)	1.25 (31.8)	1.25 (31.8)	0.84 (21.3)	1.67 (42.6)	1 (25.4)	8.5	7/8 (22.2)
PUC-12MF-SS	3/4	0.438 (11.1)	3.00 (76.2)	3.00 (76.2)	1.50 (38.1)	1.50 (38.1)	1.00 (25.4)	2.00 (50.8)	13/8 (35)	8.5	1-3/16 (30.1)
PUC-16MF-SS	1	0.562 (14.3)	4.13 (105)	4.13 (105)	2.06 (52.3)	2.06 (52.3)	1.38 (35)	2.75 (70.0)	13/4 (45)	13.5	1-3/8 (34.9)

Dimensions are for reference only and subject to change

Cross

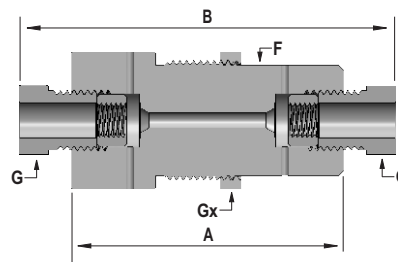
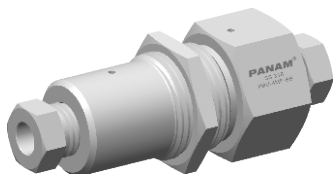


High Pressure Female to High Pressure Female

Part No	Tube OD Inch	Orifice	Dimensions in. (mm)								
			A	B	C	D	E	F	T	M(Dia)	G
High Pressure : 60000 psig (4134 bar)											
PUC-4HF-SS	1/4	0.090 (2.3)	1.25 (31.8)	2.00 (50.8)	1.00 (25.4)	0.62 (15.8)	0.46 (11.7)	1.30 (33.0)	3/4 (19.1)	5.5	5/8 (15.8)
PUC-6HF-SS	3/8	0.130 (3.3)	2.12 (53.8)	2.00 (50.8)	1.00 (25.4)	1.06 (26.9)	0.72 (18.3)	1.38 (35.0)	1 (25.4)	6.5	13/16 (20.6)
PUC-9HF-SS	9/16	0.190 (4.6)	2.75 (69.9)	2.62 (66.5)	1.31 (33.3)	1.37 (35.0)	0.83 (21.1)	1.89 (48.0)	1.5 (38.1)	8.5	13/16 (20.6)

Dimensions are for reference only and subject to change

Bulkhead Union

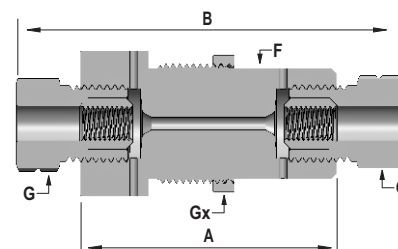
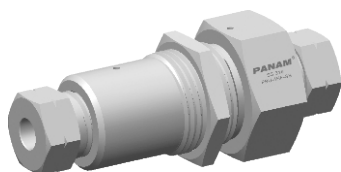


Medium Pressure Female to Medium Pressure Female

Part No	Tube OD Inch	Orifice	Dimensions in. (mm)							Working Pressure psig (bar)
			A	B	Panel Hole Size	Panel Thickness Max	F	G	Gx	
PBU-4MF-SS	1/4	0.106 (2.7)	2.00 (50.8)	2.62 (57.5)	0.88 (22.4)	0.38 (9.7)	25.4	12.7	25.4	20000 (1379)
PBU-6MF-SS	3/8	0.201 (5.1)	2.00 (50.8)	2.70 (68.9)	0.94 (23.9)	0.38 (9.7)	25.4	15.8	25.4	20000 (1379)
PBU-9MF-SS	9/16	0.307 (7.8)	2.62 (66.5)	3.48 (88.4)	1.25 (31.8)	0.50 (12.7)	35.0	22.2	35.0	20000 (1379)
PBU-12MF-SS	3/4	0.438 (11.1)	2.62 (66.5)	3.68 (93.5)	1.69 (42.9)	0.38 (9.7)	47.5	30.0	47.5	20000 (1379)
PBU-16MF-SS	1	0.562 (14.3)	3.50 (88.9)	4.98 (126.5)	2.00 (50.8)	0.50 (12.7)	54.0	35.0	54.0	20000 (1379)

Dimensions are for reference only and subject to change

Bulkhead Union

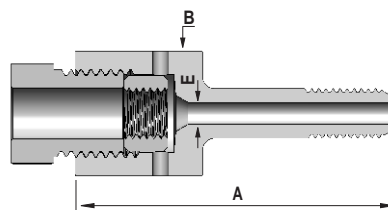


High Pressure Female to High Pressure Female

Part No	Tube OD Inch	Orifice	Dimensions in. (mm)							Working Pressure psig (bar)
			A	B	Panel Hole Size	Panel Thickness Max	F	G	Gx	
PBU-4HF-SS	1/4	0.09 (2.3)	2.00 (50.8)	2.94 (74.6)	0.94 (23.9)	0.38 (9.7)	27.0	15.8	27.0	60000 (4134)
PBU-6HF-SS	3/8	0.13 (3.3)	2.38 (60.5)	3.61 (91.7)	1.13 (28.6)	0.38 (9.7)	35.0	20.6	35.0	60000 (4134)
PBU-9HF-SS	9/16	0.19 (4.6)	2.75 (69.9)	4.65 (118.1)	1.69 (42.9)	0.50 (12.7)	47.6	30.0	47.6	60000 (4134)

Dimensions are for reference only and subject to change

Reducer

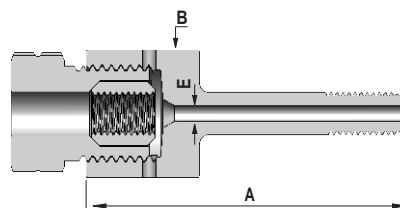
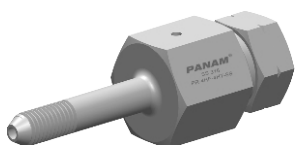


Medium Pressure Cone and Thread to Medium Pressure Tube

Part No	Connection		Orifice	Dimensions in. (mm)			Working Pressure psig (bar)
	Tube OD	Tube		A	F (B)	G	
PR-4MF-4MT-SS	1/4	1/4	0.11 (2.8)	1.63 (41.4)	5/8 (15.8)	1/2 (12.7)	20000 (1379)
PR-4MF-6MT-SS	1/4	3/8	0.11 (2.8)	1.88 (47.8)	5/8 (15.8)	1/2 (12.7)	20000 (1379)
PR-4MF-9MT-SS	1/4	9/16	0.11 (2.8)	2.09 (53.1)	11/16 (17.4)	1/2 (12.7)	20000 (1379)
PR-6MF-4MT-SS	3/8	1/4	0.11 (2.8)	1.89 (48.0)	3/4 (19)	5/8 (15.8)	20000 (1379)
PR-6MF-6MT-SS	3/8	3/8	0.20 (5.2)	2.14 (54.4)	3/4 (19)	5/8 (15.8)	20000 (1379)
PR-6MF-9MT-SS	3/8	9/16	0.20 (5.2)	2.35 (59.7)	3/4 (19)	5/8 (15.8)	20000 (1379)
PR-9MF-4MT-SS	9/16	1/4	0.11 (2.8)	2.20 (56.0)	1 (25.4)	7/8 (22.2)	20000 (1379)
PR-9MF-6MT-SS	9/16	3/8	0.20 (5.2)	2.46 (62.4)	1 (25.4)	7/8 (22.2)	20000 (1379)
PR-9MF-9MT-SS	9/16	9/16	0.31 (7.9)	2.67 (67.7)	1 (25.4)	7/8 (22.2)	20000 (1379)
PR-9MF-12MT-SS	9/16	3/4	0.31 (7.9)	2.91 (74.0)	1 (25.4)	7/8 (22.2)	20000 (1379)
PR-9MF-16MT-SS	9/16	1	0.31 (7.9)	3.45 (87.6)	1-1/8 (28.5)	7/8 (22.2)	20000 (1379)
PR-12MF-9MT-SS	3/4	9/16	0.31 (7.9)	2.94 (74.7)	1-3/8 (34.9)	1-3/16 (30.1)	20000 (1379)
PR-12MF-12MT-SS	3/4	3/4	0.44 (11.1)	3.19 (81.0)	1-3/8 (34.9)	1-3/16 (30.1)	20000 (1379)
PR-12MF-16MT-SS	3/4	1	0.44 (11.1)	3.72 (94.6)	1-3/8 (34.9)	1-3/16 (30.1)	20000 (1379)
PR-16MF-09MT-SS	1	9/16	0.31 (7.9)	3.49 (88.7)	1-3/4 (44.5)	1-3/8 (34.9)	20000 (1379)
PR-16MF-12MT-SS	1	3/4	0.44 (11.1)	3.74 (95.0)	1-3/4 (44.5)	1-3/8 (34.9)	20000 (1379)
PR-16MF-16MT-SS	1	1	0.56 (14.3)	4.28 (108.6)	1-3/4 (44.5)	1-3/8 (34.9)	20000 (1379)

Dimensions are for reference only and subject to change

Reducer

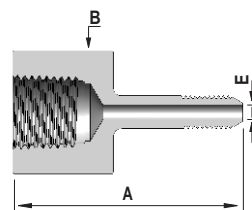
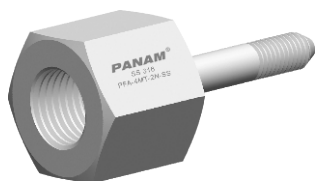


High Pressure Cone and Thread to High Pressure Tube

Part No	Connection		Orifice	Dimensions in. (mm)			Working Pressure psig (bar)
	Tube OD	Tube		A	F (B)	G	
PR-4HF-4HT-SS	1/4	1/4	0.08 (2.1)	1.93 (49.0)	3/4 (19)	5/8 (15.8)	60000 (4137)
PR-4HF-6HT-SS	1/4	3/8	0.09 (2.4)	2.32 (59.0)	3/4 (19)	5/8 (15.8)	60000 (4137)
PR-4HF-9HT-SS	1/4	9/16	0.09 (2.4)	2.91 (74.0)	3/4 (19)	5/8 (15.8)	60000 (4137)
PR-6HF-4HT-SS	3/8	1/4	0.08 (2.1)	2.20 (56.0)	1 (25.4)	13/16 (20.6)	60000 (4137)
PR-6HF-6HT-SS	3/8	3/8	0.13 (3.2)	2.60 (66.0)	1 (25.4)	13/16 (20.6)	60000 (4137)
PR-6HF-9HT-SS	3/8	9/16	0.13 (3.2)	3.19 (81.0)	1 (25.4)	13/16 (20.6)	60000 (4137)
PR-9HF-4HT-SS	9/16	1/4	0.08 (2.1)	2.48 (63.0)	1-3/8 (34.9)	13/16 (30.1)	60000 (4137)
PR-9HF-6HT-SS	9/16	3/8	0.13 (3.2)	2.87 (73.0)	1-3/8 (34.9)	13/16 (30.1)	60000 (4137)
PR-9HF-9HT-SS	9/16	9/16	0.19 (4.8)	3.46 (88.0)	1-3/8 (34.9)	13/16 (30.1)	60000 (4137)

Dimensions are for reference only and subject to change

Female Adapter

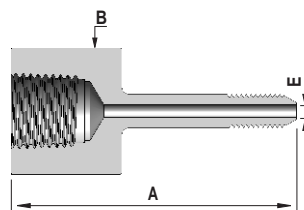
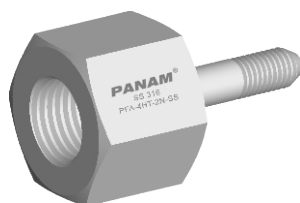


Medium Pressure Tube to Female NPT

Part No	Connection		Orifice	Dimensions in. (mm)		Working Pressure psig (bar)
	Tube OD	NPT (Female)		A	F (B)	
PFA-4MT-2N-SS	1/4	1/8	0.11 (2.8)	1-1/2(38.1)	5/8 (15.8)	15000 (1034)
PFA-6MT-2N-SS	3/8	1/8	0.20 (5.2)	1-3/4 (44.5)	5/8 (15.8)	15000 (1034)
PFA-9MT-2N-SS	9/16	1/8	0.31 (7.9)	1.94 (49.2)	5/8 (15.8)	15000 (1034)
PFA-12MT-2N-SS	3/4	1/8	0.31 (7.9)	2.13 (54.0)	7/8 (22.2)	15000 (1034)
PFA-16MT-2N-SS	1	1/8	0.31 (7.9)	2.81 (71.4)	1-1/8 (28.5)	15000 (1034)
PFA-4MT-4N-SS	1/4	1/4	0.11 (2.8)	1-3/4 (44.5)	15/16 (23.8)	15000 (1034)
PFA-6MT-4N-SS	3/8	1/4	0.20 (5.2)	2.00 (50.8)	15/16 (23.8)	15000 (1034)
PFA-9MT-4N-SS	9/16	1/4	0.31 (7.9)	2.19 (55.6)	15/16 (23.8)	15000 (1034)
PFA-12MT-4N-SS	3/4	1/4	0.41 (10.4)	2.44 (61.9)	15/16 (23.8)	15000 (1034)
PFA-16MT-4N-SS	1	1/4	0.41 (10.4)	2.94 (74.6)	1-1/8 (28.5)	15000 (1034)
PFA-6MT-6N-SS	3/8	3/8	0.20 (5.2)	2.06 (52.4)	1-1/8 (28.5)	15000 (1034)
PFA-9MT-6N-SS	9/16	3/8	0.31 (7.9)	2.25 (57.2)	1-1/8 (28.5)	15000 (1034)
PFA-12MT-6N-SS	3/4	3/8	0.44 (11.1)	2.50 (63.5)	1-1/8 (28.5)	15000 (1034)
PFA-16MT-6N-SS	1	3/8	0.56 (14.3)	3.00 (76.2)	1-1/8 (28.5)	15000 (1034)
PFA-9MT-8N-SS	9/16	1/2	0.31 (7.9)	2.50 (63.5)	1-3/8 (34.9)	15000 (1034)
PFA-12MT-8N-SS	3/4	1/2	0.44 (11.1)	2.75 (69.9)	1-3/8 (34.9)	15000 (1034)
PFA-16MT-8N-SS	1	1/2	0.56 (14.3)	3.25 (82.6)	1-3/8 (34.9)	15000 (1034)
PFA-9MT-12N-SS	9/16	3/4	0.31 (7.9)	2.56 (65.1)	1-1/2 (38.1)	15000 (1034)
PFA-12MT-12N-SS	3/4	3/4	0.44 (11.1)	2.81 (71.4)	1-1/2 (38.1)	10000 (690)
PFA-16MT-12-SS	1	3/4	0.56 (14.3)	3.36 (86.0)	1-1/2 (38.1)	10000 (690)
PFA-12MT-16N-SS	3/4	1	0.44 (11.1)	3.13 (79.4)	1-3/4 (44.5)	10000 (690)
PFA-16MT-16N-SS	1	1	0.56 (14.3)	3.63 (92.2)	1-3/4 (44.5)	10000 (690)

Dimensions are for reference only and subject to change

Female Adapter

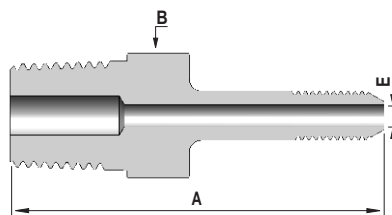


High Pressure Tube to Female NPT

Part No	Connection		Orifice	Dimensions in. (mm)		Working Pressure psig (bar)
	Tube OD	NPT (Female)		A	F (B)	
PFA-4HT-2N-SS	1/8	1/4	0.08 (2.1)	1.87 (47.6)	5/8 (15.8)	15000 (1034)
PFA-6HT-2N-SS	1/8	3/8	0.13 (3.2)	2.19 (55.6)	5/8 (15.8)	15000 (1034)
PFA-4HT-4N-SS	1/4	1/4	0.08 (2.1)	2.13 (54.0)	15/16 (23.8)	15000 (1034)
PFA-6HT-4N-SS	1/4	3/8	0.13 (3.2)	2.50 (63.5)	15/16 (23.8)	15000 (1034)
PFA-9HT-4N-SS	1/4	9/16	0.19 (4.8)	3.06 (77.8)	15/16 (23.8)	15000 (1034)
PFA-4HT-6N-SS	3/8	1/4	0.08 (2.1)	2.13 (54.0)	1-1/8 (28.5)	15000 (1034)
PFA-6HT-6N-SS	3/8	3/8	0.13 (3.2)	2.50 (63.5)	1-1/8 (28.5)	15000 (1034)
PFA-9HT-6N-SS	3/8	9/16	0.19 (4.8)	3.13 (79.4)	1-1/8 (28.5)	15000 (1034)
PFA-4HT-8N-SS	1/2	1/4	0.08 (2.1)	2.37 (60.3)	1-3/8 (34.9)	15000 (1034)
PFA-6HT-8N-SS	1/2	3/8	0.13 (3.2)	2.75 (69.9)	1-3/8 (34.9)	15000 (1034)
PFA-9HT-8N-SS	1/2	9/16	0.19 (4.8)	3.31 (84.2)	1-3/8 (34.9)	15000 (1034)
PFA-4HT-12N-SS	3/4	1/4	0.08 (2.1)	2.44 (61.9)	1-1/2 (38.1)	10000 (690)
PFA-6HT-12N-SS	3/4	3/8	0.13 (3.2)	2.81 (71.4)	1-1/2 (38.1)	10000 (690)
PFA-9HT-12N-SS	3/4	9/16	0.19 (4.8)	3.38 (85.8)	1-1/2 (38.1)	10000 (690)
PFA-4HT-16N-SS	1	1/4	0.08 (2.1)	2.69 (68.3)	1-3/4 (44.5)	10000 (690)
PFA-6HT-16N-SS	1	3/8	0.13 (3.2)	3.10 (78.8)	1-3/4 (44.5)	10000 (690)
PFA-9HT-16N-SS	1	9/16	0.19 (4.8)	3.69 (93.8)	1-3/4 (44.5)	10000 (690)

Dimensions are for reference only and subject to change

Male Adapter

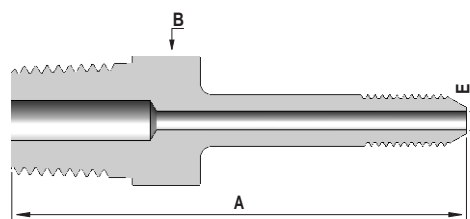
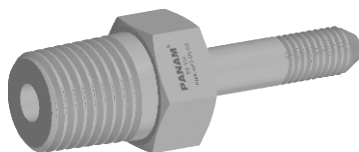


Medium Pressure Tube to Male NPT

Part No	Connection		Orifice	Dimensions in. (mm)		Working Pressure psig (bar)
	Tube OD	NPT (Male)		A	F (B)	
PMA-4MT-2N-SS	1/4	1/8	0.11 (2.8)	1.60 (42.0)	9/16 (14.2)	15000 (1034)
PMA-6MT-2N-SS	3/8	1/8	0.20 (5.2)	1.85 (47.0)	5/8 (15.8)	15000 (1034)
PMA-9MT-2N-SS	9/16	1/8	0.31 (7.9)	2.10 (53.3)	1-1/16 (17.4)	15000 (1034)
PMA-12MT-2N-SS	3/4	1/8	0.31 (7.9)	2.35 (59.7)	7/8 (22.2)	15000 (1034)
PMA-16MT-2N-SS	1	1/8	0.31 (7.9)	2.90 (73.7)	1-1/8 (28.5)	15000 (1034)
PMA-4MT-4N-SS	1/4	1/4	0.11 (2.8)	1.89 (48.0)	5/8 (15.8)	15000 (1034)
PMA-6MT-4N-SS	3/8	1/4	0.20 (5.2)	2.00 (50.8)	5/8 (15.8)	15000 (1034)
PMA-9MT-4N-SS	9/16	1/4	0.31 (7.9)	2.30 (58.4)	5/8 (15.8)	15000 (1034)
PMA-12MT-4N-SS	3/4	1/4	0.41 (10.4)	2.55 (64.8)	7/8 (22.2)	15000 (1034)
PMA-16MT-4N-SS	1	1/4	0.41 (10.4)	3.15 (80.0)	1-1/8 (28.5)	15000 (1034)
PMA-4MT-6N-SS	1/4	3/8	0.11 (2.8)	1.89 (48.0)	3/4 (19)	15000 (1034)
PMA-6MT-6N-SS	3/8	3/8	0.20 (5.2)	2.00 (50.8)	3/4 (19)	15000 (1034)
PMA-9MT-6N-SS	9/16	3/8	0.31 (7.9)	2.30 (58.4)	3/4 (19)	15000 (1034)
PMA-12MT-6N-SS	3/4	3/8	0.41 (10.4)	2.55 (64.8)	1-1/16 (22.2)	15000 (1034)
PMA-16MT-6N-SS	1	3/8	0.41 (10.4)	3.15 (80.0)	1-1/8 (28.5)	15000 (1034)
PMA-9MT-8N-SS	1/4	1/2	0.11 (2.8)	2.05 (52.0)	15/16 (23.8)	15000 (1034)
PMA-9MT-8N-SS	3/8	1/2	0.20 (5.2)	2.30 (58.4)	15/16 (23.8)	15000 (1034)
PMA-9MT-8N-SS	9/16	1/2	0.31 (7.9)	2.50 (63.5)	15/16 (23.8)	15000 (1034)
PMA-12MT-8N-SS	3/4	1/2	0.44 (11.1)	2.75 (69.9)	15/16 (23.8)	15000 (1034)
PMA-16MT-8N-SS	1	1/2	0.56 (14.3)	3.25 (82.6)	1-1/8 (28.5)	15000 (1034)
PMA-9MT-12N-SS	9/16	3/4	0.31 (7.9)	2.50 (63.5)	1-1/8 (28.5)	10000 (690)
PMA-12MT-12N-SS	3/4	3/4	0.44 (11.1)	2.75 (69.9)	1-1/8 (28.5)	10000 (690)
PMA-16MT-12N-SS	1	3/4	0.56 (14.3)	3.25 (82.6)	1-1/8 (28.5)	10000 (690)
PMA-12MT-16N-SS	3/4	1	0.44 (11.1)	3.13 (79.4)	1-3/8 (34.9)	10000 (690)
PMA-16MT-16N-SS	1	1	0.56 (14.3)	3.63 (92.2)	1-3/8 (34.9)	10000 (690)

Dimensions are for reference only and subject to change

Male Adapter

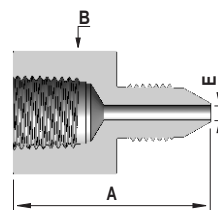


High Pressure Tube to Male NPT

Part No	Connection		Orifice	Dimensions in. (mm)		Working Pressure psig (bar)
	Tube OD	NPT (Male)		A	F (B)	
PMA-4HT-2N-SS	1/4	1/8	0.08 (2.1)	2.00 (50.8)	9/16 (14.2)	15000 (1034)
PMA-6HT-2N-SS	3/8	1/8	0.13 (3.2)	2.35 (59.7)	5/8 (15.8)	15000 (1034)
PMA-4HT-4N-SS	1/4	1/4	0.08 (2.1)	2.13 (56.5)	5/8 (15.8)	15000 (1034)
PMA-6HT-4N-SS	3/8	1/4	0.13 (3.2)	2.55 (64.8)	5/8 (15.8)	15000 (1034)
PMA-9HT-4N-SS	9/16	1/4	0.19 (4.8)	3.06 (77.8)	1-1/16 (17.4)	15000 (1034)
PMA-4HT-6N-SS	1/4	3/8	0.08 (2.1)	2.13 (56.5)	3/4 (19)	15000 (1034)
PMA-6HT-6N-SS	3/8	3/8	0.13 (3.2)	2.55 (64.8)	3/4 (19)	15000 (1034)
PMA-9HT-6N-SS	9/16	3/8	0.19 (4.8)	3.06 (77.8)	3/4 (19)	15000 (1034)
PMA-4HT-8N-SS	1/4	1/2	0.08 (2.1)	2.37 (60.3)	1-5/16 (23.8)	15000 (1034)
PMA-6HT-8N-SS	3/8	1/2	0.13 (3.2)	2.75 (69.9)	1-5/16 (23.8)	15000 (1034)
PMA-9HT-8N-SS	9/16	1/2	0.19 (4.8)	3.31 (84.2)	1-5/16 (23.8)	15000 (1034)
PMA-4HT-12N-SS	1/4	3/4	0.08 (2.1)	2.37 (60.3)	1-1/8 (28.5)	10000 (690)
PMA-6HT-12N-SS	3/8	3/4	0.13 (3.2)	2.75 (69.9)	1-1/8 (28.5)	10000 (690)
PMA-9HT-12N-SS	9/16	3/4	0.19 (4.8)	3.31 (84.2)	1-1/8 (28.5)	10000 (690)
PMA-4HT-16N-SS	1/4	1	0.08 (2.1)	2.69 (68.3)	1-3/8 (34.9)	10000 (690)
PMA-6HT-16N-SS	3/8	1	0.13 (3.2)	3.10 (78.8)	1-3/8 (34.9)	10000 (690)
PMA-9HT-16N-SS	9/16	1	0.19 (4.8)	3.69 (93.8)	1-3/8 (34.9)	10000 (690)

Dimensions are for reference only and subject to change

Adapter

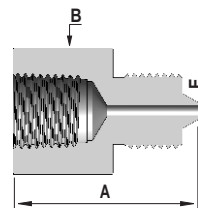
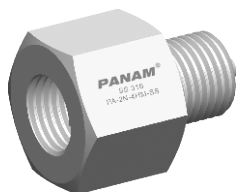


Female NPT to Medium Pressure Male

Part No	Connection		Orifice	Dimensions in. (mm)		Working Pressure psig (bar)
	Tube OD	NPT (Female)		A	F (B)	
PA-4MM-2N-SS	1/4	1/8	0.11 (2.8)	1.25 (31.8)	5/8 (15.8)	15000 (1034)
PA-6MM-2N-SS	3/8	1/8	0.20 (5.2)	1-3/8 (34.9)	5/8 (15.8)	15000 (1034)
PA-9MM-2N-SS	9/16	1/8	0.31 (7.9)	1-1/2 (38.1)	15/16 (23.8)	15000 (1034)
PA-12MM-2N-SS	3/4	1/8	0.31 (7.9)	1-3/4 (44.5)	13/16 (30.1)	15000 (1034)
PA-16MM-2N-SS	1	1/8	0.31 (7.9)	2.37 (60.3)	1-1/2 (38.1)	15000 (1034)
PA-4MM-4N-SS	1/4	1/4	0.11 (2.8)	1.50 (38.0)	15/16 (23.8)	15000 (1034)
PA-6MM-4N-SS	3/8	1/4	0.20 (5.2)	1.63 (41.3)	15/16 (23.8)	15000 (1034)
PA-9MM-4N-SS	9/16	1/4	0.31 (7.9)	1-3/4 (44.5)	15/16 (23.8)	15000 (1034)
PA-12MM-4N-SS	3/4	1/4	0.41 (10.4)	1.87 (47.6)	13/16 (30.1)	15000 (1034)
PA-16MM-4N-SS	1	1/4	0.41 (10.4)	2.37 (60.3)	1-1/2 (38.1)	15000 (1034)
PA-4MM-6N-SS	1/4	3/8	0.11 (2.8)	1-1/2 (38.1)	1-1/8 (28.5)	15000 (1034)
PA-6MM-6N-SS	3/8	3/8	0.20 (5.2)	1.69 (42.9)	1-1/8 (28.5)	15000 (1034)
PA-9MM-6N-SS	9/16	3/8	0.31 (7.9)	1.81 (46.0)	1-1/8 (28.5)	15000 (1034)
PA-12MM-6N-SS	3/4	3/8	0.44 (11.1)	2.00 (50.8)	13/16 (30.1)	15000 (1034)
PA-16MM-6N-SS	1	3/8	0.56 (14.3)	2.37 (60.3)	1-1/2 (38.1)	15000 (1034)
PA-4MM-8N-SS	1/4	1/2	0.11 (2.8)	1 3/4 (44.5)	1-3/8 (34.9)	15000 (1034)
PA-6MM-8N-SS	3/8	1/2	0.20 (5.2)	1.87 (47.6)	1-3/8 (34.9)	15000 (1034)
PA-9MM-8N-SS	9/16	1/2	0.31 (7.9)	2.06 (52.4)	1-3/8 (34.9)	15000 (1034)
PA-12MM-8N-SS	3/4	1/2	0.44 (11.1)	2.19 (55.6)	1-3/8 (34.9)	15000 (1034)
PA-16MM-8N-SS	1	1/2	0.56 (14.3)	2.56 (65.1)	1-1/2 (38.1)	15000 (1034)
PA-4MM-12N-SS	1/4	3/4	0.11 (2.8)	1.81 (46.0)	1-1/2 (38.1)	10000 (690)
PA-6MM-12N-SS	3/8	3/4	0.20 (5.2)	1.94 (49.2)	1-1/2 (38.1)	10000 (690)
PA-9MM-12N-SS	9/16	3/4	0.31 (7.9)	2.13 (54.0)	1-1/2 (38.1)	10000 (690)
PA-12MM-12N-SS	3/4	3/4	0.44 (11.1)	2.31 (58.7)	1-1/2 (38.1)	10000 (690)
PA-16MM-12N-SS	1	3/4	0.56 (14.3)	2.75 (69.9)	1-1/2 (38.1)	10000 (690)
PA-4MM-16N-SS	1/4	1	0.11 (2.8)	2.06 (52.4)	1-3/4 (44.5)	10000 (690)
PA-6MM-16N-SS	3/8	1	0.20 (5.2)	2.19 (55.6)	1-3/4 (44.5)	10000 (690)
PA-9MM-16N-SS	9/16	1	0.31 (7.9)	2.44 (61.9)	1-3/4 (44.5)	10000 (690)
PA-12MM-16N-SS	3/4	1	0.44 (11.1)	2.56 (63.5)	1-3/4 (44.5)	10000 (690)
PA-16MM-16N-SS	1	1	0.56 (14.3)	3.06 (77.8)	1-3/4 (44.5)	10000 (690)

Dimensions are for reference only and subject to change

Adapter

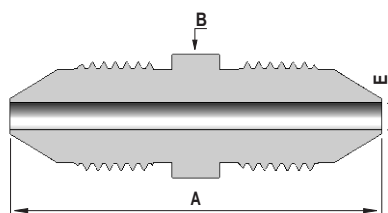


Female NPT to Male High Pressure Male

Part No	Connection		Orifice	Dimensions in. (mm)		Working Pressure psig (bar)
	Tube OD	NPT (Female)		A	F (B)	
PA-2N-4HM-SS	1/8	1/4	0.08 (2.1)	1-3/16 (30.1)	5/8 (15.8)	15000 (1034)
PA-2N-6HM-SS	1/8	3/8	0.13 (3.2)	1-3/8 (34.9)	1-3/16 (20.6)	15000 (1034)
PA-2N-9HM-SS	1/8	9/16	0.19 (4.8)	1.63 (41.3)	1-3/16 (30.1)	15000 (1034)
PA-4N-4HM-SS	1/4	1/4	0.08 (2.1)	1-3/8 (34.9)	1-5/16 (23.8)	15000 (1034)
PA-4N-6HM-SS	1/4	3/8	0.13 (3.2)	1.63 (41.3)	1-5/16 (23.8)	15000 (1034)
PA-4N-9HM-SS	1/4	9/16	0.19 (4.8)	1-3/4 (44.5)	1-3/16 (30.1)	15000 (1034)
PA-6N-4HM-SS	3/8	1/4	0.08 (2.1)	1.44 (36.5)	1-1/8 (28.5)	15000 (1034)
PA-6N-6HM-SS	3/8	3/8	0.13 (3.2)	1.69 (42.9)	1-1/8 (28.5)	15000 (1034)
PA-6N-9HM-SS	3/8	9/16	0.19 (4.8)	1.81 (46.0)	1-3/16 (30.1)	15000 (1034)
PA-8N-4HM-SS	1/2	1/4	0.08 (2.1)	1.69 (42.9)	1-3/8 (34.9)	15000 (1034)
PA-8N-6HM-SS	1/2	3/8	0.13 (3.2)	1.94 (49.2)	1-3/8 (34.9)	15000 (1034)
PA-8N-9HM-SS	1/2	9/16	0.19 (4.8)	2.13 (54.0)	1-3/8 (34.9)	15000 (1034)
PA-12N-4HM-SS	3/4	1/4	0.08 (2.1)	1-3/4 (44.5)	1-1/2 (38.1)	10000 (690)
PA-12N-6HM-SS	3/4	3/8	0.13 (3.2)	2.00 (50.8)	1-1/2 (38.1)	10000 (690)
PA-12N-9HM-SS	3/1	9/16	0.19 (4.8)	2.19 (55.6)	1-1/2 (38.1)	10000 (690)
PA-16N-4HM-SS	1	1/4	0.08 (2.1)	2.00 (50.8)	1-3/4 (44.5)	10000 (690)
PA-16N-6HM-SS	1	3/8	0.13 (3.2)	2.25 (57.2)	1-3/4 (44.5)	10000 (690)
PA-16N-9HM-SS	1	9/16	0.19 (4.8)	2.44 (61.9)	1-3/4 (44.5)	10000 (690)

Dimensions are for reference only and subject to change

Hex Nipple

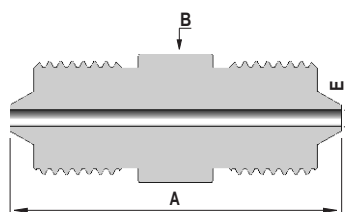


Medium Pressure Male to Medium Pressure Male

Part No	Connection		Orifice	Dimensions in. (mm)		Working Pressure psig (bar)
	Tube (Male)	Tube (Male)		A	F (B)	
PHN-4MM-SS	1/4	1/4	0.11 (2.8)	1.63 (41.3)	1/2 (12.7)	20000 (1379)
PHN-6MM-4MM-SS	3/8	1/4	0.11 (2.8)	1.87 (47.6)	5/8 (15.8)	20000 (1379)
PHN-6MM-SS	3/8	3/8	0.20 (5.2)	2.00 (50.8)	5/8 (15.8)	20000 (1379)
PHN-9MM-4MM-SS	9/16	1/4	0.11 (2.8)	2.13 (54.0)	15/16 (23.8)	20000 (1379)
PHN-9MM-6MM-SS	9/16	3/8	0.20 (5.2)	2.31 (58.7)	15/16 (23.8)	20000 (1379)
PHN-9MM-SS	9/16	9/16	0.31 (7.9)	2.50 (63.5)	15/16 (23.8)	20000 (1379)
PHN-12MM-4MM-SS	3/4	1/4	0.11 (2.8)	2.44 (61.9)	13/16 (30.1)	20000 (1379)
PHN-12MM-6MM-SS	3/4	3/8	0.20 (5.2)	2.56 (65.1)	13/16 (30.1)	20000 (1379)
PHN-12MM-6MM-SS	3/4	9/16	0.31 (7.9)	2.75 (69.9)	13/16 (30.1)	20000 (1379)
PHN-12MM-6MM-SS	3/4	3/4	0.44 (11.1)	2.94 (74.6)	13/16 (30.1)	20000 (1379)
PHN-16MM-4MM-SS	1	1/4	0.11 (2.8)	3.00 (76.2)	1-1/2 (38.1)	20000 (1379)
PHN-16MM-6MM-SS	1	3/8	0.20 (5.2)	3.13 (79.4)	1-1/2 (38.1)	20000 (1379)
PHN-16MM-9MM-SS	1	9/16	0.31 (7.9)	3.31 (84.2)	1-1/2 (38.1)	20000 (1379)
PHN-16MM-12MM-SS	1	3/4	0.44 (11.1)	3.44 (87.4)	1-1/2 (38.1)	20000 (1379)
PHN-16MM-SS	1	1	0.56 (14.3)	3.94 (100.2)	1-1/2 (38.1)	20000 (1379)

Dimensions are for reference only and subject to change

Hex Nipple

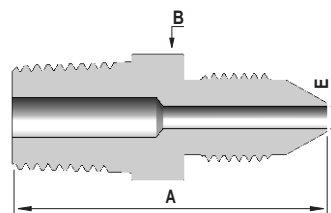
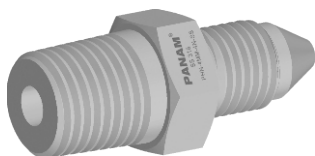


High Pressure Male to High Pressure Male

Part No	Connection		Orifice	Dimensions in. (mm)		Working Pressure psig (bar)
	Tube (Male)	Tube (Male)		A	F (B)	
PHN-4HM-SS	1/4	1/4	0.08 (2.1)	1.63 (41.3)	5/8 (15.8)	60000 (4137)
PHN-6HM-4HM-SS	3/8	1/4	0.08 (2.1)	1.94 (49.2)	13/16 (20.6)	60000 (4137)
PHN-6HM-SS	3/8	3/8	0.13 (3.2)	2.19 (55.6)	13/16 (20.6)	60000 (4137)
PHN-9HM-4HM-SS	9/16	1/4	0.08 (2.1)	2.19 (55.6)	13/16 (30.1)	60000 (4137)
PHN-9HM-6HM-SS	9/16	3/8	0.13 (3.2)	2.50 (63.5)	13/16 (30.1)	60000 (4137)
PHN-9HM-SS	9/16	9/16	0.19 (4.8)	2.63 (66.7)	13/16 (30.1)	60000 (4137)

Dimensions are for reference only and subject to change

Hex Nipple

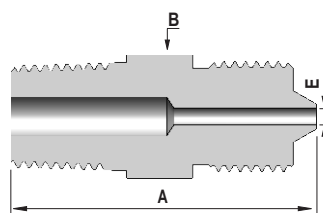


Medium Pressure Male to Male NPT

Part No	Connection		Orifice	Dimensions in. (mm)		Working Pressure psig (bar)
	Tube (Male)	NPT (Male)		A	F (B)	
PHN-4MM-2N-SS	1/4	1/8	0.11 (2.8)	1 3/8 (34.9)	1/2 (12.7)	15000 (1034)
PHN-4MM-4N-SS	1/4	1/4	0.11 (2.8)	1.56 (39.7)	5/8 (15.8)	15000 (1034)
PHN-4MM-6N-SS	1/4	3/8	0.11 (2.8)	1.63 (41.3)	1-1/16 (17.4)	15000 (1034)
PHN-4MM-8N-SS	1/4	1/2	0.11 (2.8)	1.87 (47.6)	7/8 (22.2)	15000 (1034)
PHN-4MM-12N-SS	1/4	3/4	0.11 (2.8)	1.94 (49.2)	1-1/16 (26.9)	10000 (690)
PHN-4MM-16N-SS	1/4	1	0.11 (2.8)	2.25 (57.2)	1-3/8 (34.9)	10000 (690)
PHN-6MM-2N-SS	3/8	1/8	0.19 (4.8)	1.56 (39.7)	5/8 (15.8)	15000 (1034)
PHN-6MM-4N-SS	3/8	1/4	0.20 (5.2)	1 3/4 (44.5)	5/8 (15.8)	15000 (1034)
PHN-6MM-6N-SS	3/8	3/8	0.20 (5.2)	1 3/4 (44.5)	1-1/16 (17.4)	15000 (1034)
PHN-6MM-8N-SS	3/8	1/2	0.20 (5.2)	2.00 (50.8)	7/8 (22.2)	15000 (1034)
PHN-6MM-12N-SS	3/8	3/4	0.20 (5.2)	2.06 (52.4)	1-1/16 (17.4)	10000 (690)
PHN-6MM-16N-SS	3/8	1	0.20 (5.2)	2.37 (60.3)	1-3/8 (34.9)	10000 (690)
PHN-9MM-2N-SS	9/16	1/8	0.19 (4.8)	1.87 (47.6)	15/16 (23.8)	15000 (1034)
PHN-9MM-4N-SS	9/16	1/4	0.25 (6.4)	2.06 (52.4)	15/16 (23.8)	15000 (1034)
PHN-9MM-6N-SS	9/16	3/8	0.31 (7.9)	2.06 (52.4)	15/16 (23.8)	15000 (1034)
PHN-9MM-8N-SS	9/16	1/2	0.31 (7.9)	2.25 (57.2)	15/16 (23.8)	15000 (1034)
PHN-9MM-12N-SS	9/16	3/4	0.31 (7.9)	2.31 (58.7)	11/16 (26.9)	10000 (690)
PHN-9MM-16N-SS	9/16	1	0.31 (7.9)	2.56 (65.1)	1-3/8 (34.9)	10000 (690)
PHN-12MM-2N-SS	3/4	1/8	0.19 (4.8)	2.13 (54.0)	1-3/16 (30.1)	15000 (1034)
PHN-12MM-4N-SS	3/4	1/4	0.25 (6.4)	2.31 (58.7)	1-3/16 (30.1)	15000 (1034)
PHN-12MM-6N-SS	3/4	3/8	0.31 (7.9)	2.31 (58.7)	1-3/16 (30.1)	15000 (1034)
PHN-12MM-8N-SS	3/4	1/2	0.38 (9.6)	2.50 (63.5)	1-3/16 (30.1)	15000 (1034)
PHN-12MM-12N-SS	3/4	3/4	0.44 (11.1)	2.50 (63.5)	1-3/16 (30.1)	10000 (690)
PHN-12MM-16N-SS	3/4	1	0.44 (11.1)	2.75 (69.9)	1-1/2 (38.1)	10000 (690)
PHN-16MM-2N-SS	1	1/8	0.19 (4.8)	2.69 (68.3)	1-1/2 (38.1)	15000 (1034)
PHN-16MM-4N-SS	1	1/4	0.25 (6.4)	2.81 (71.4)	1-1/2 (38.1)	15000 (1034)
PHN-16MM-6N-SS	1	3/8	0.31 (7.9)	2.81 (71.4)	1-1/2 (38.1)	15000 (1034)
PHN-16MM-8N-SS	1	1/2	0.38 (9.6)	3.06 (77.8)	1-1/2 (38.1)	15000 (1034)
PHN-16MM-12N-SS	1	3/4	0.56 (14.3)	3.06 (77.8)	1-1/2 (38.1)	10000 (690)
PHN-16MM-16N-SS	1	1	0.56 (14.3)	3.25 (82.6)	1-1/2 (38.1)	10000 (690)

Dimensions are for reference only and subject to change

Hex Nipple

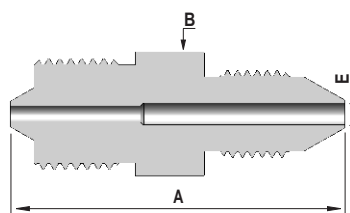
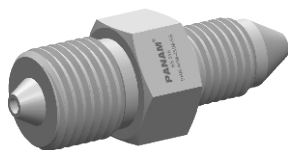


High Pressure Male to Male NPT

Part No	Connection		Orifice	Dimensions in. (mm)		Working Pressure psig (bar)
	Tube (Male)	Tube (Male)		A	F (B)	
PHN-4HM-2N-SS	1/4	1/8	0.08 (2.1)	13/8 (34.9)	5/8 (15.8)	15000 (1034)
PHN-4HM-4N-SS	1/4	1/4	0.08 (2.1)	1.56 (39.7)	5/8 (15.8)	15000 (1034)
PHN-4HM-6N-SS	1/4	3/8	0.08 (2.1)	1.56 (39.7)	1-1/16 (17.4)	15000 (1034)
PHN-4HM-8N-SS	1/4	1/2	0.08 (2.1)	1.81 (46.0)	7/8 (22.2)	15000 (1034)
PHN-4HM-12N-SS	1/4	3/4	0.08 (2.1)	1.87 (47.6)	1-1/16 (26.9)	10000 (690)
PHN-4HM-16N-SS	1/4	1	0.08 (2.1)	2.19 (55.6)	13/8 (34.9)	10000 (690)
PHN-6HM-2N-SS	3/8	1/8	0.13 (3.2)	1.69 (42.9)	13/16 (20.6)	15000 (1034)
PHN-6HM-4N-SS	3/8	1/4	0.13 (3.2)	1.87 (47.6)	13/16 (20.6)	15000 (1034)
PHN-6HM-6N-SS	3/8	3/8	0.13 (3.2)	1.87 (47.6)	13/16 (20.6)	15000 (1034)
PHN-6HM-8N-SS	3/8	1/2	0.13 (3.2)	2.06 (52.4)	7/8 (22.2)	15000 (1034)
PHN-6HM-12N-SS	3/8	3/4	0.13 (3.2)	2.13 (54.0)	1-1/16 (26.9)	10000 (690)
PHN-6HM-16N-SS	3/8	1	0.13 (3.2)	2.44 (61.9)	13/8 (34.9)	10000 (690)
PHN-9HM-2N-SS	9/16	1/8	0.19 (4.8)	2.00 (50.8)	13/16 (30.1)	15000 (1034)
PHN-9HM-4N-SS	9/16	1/4	0.19 (4.8)	2.13 (54.0)	13/16 (30.1)	15000 (1034)
PHN-9HM-6N-SS	9/16	3/8	0.19 (4.8)	2.13 (54.0)	13/16 (30.1)	15000 (1034)
PHN-9HM-8N-SS	9/16	1/2	0.19 (4.8)	2.37 (60.3)	13/16 (30.1)	15000 (1034)
PHN-9HM-12N-SS	9/16	3/4	0.19 (4.8)	2.37 (60.3)	13/16 (30.1)	10000 (690)
PHN-9HM-16N-SS	9/16	1	0.19 (4.8)	2.63 (66.7)	13/8 (34.9)	10000 (690)

Dimensions are for reference only and subject to change

Hex Nipple

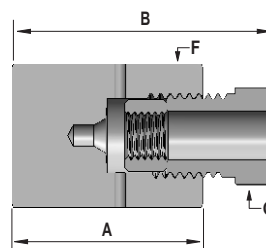
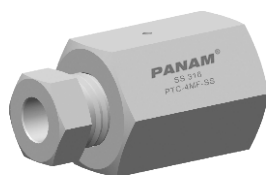


High Pressure Male to Medium Pressure Male

Part No	Connection		Orifice	Dimensions in. (mm)		Working Pressure psig (bar)
	Tube (Male)	Tube (Male)		A	F (B)	
PHN-4HM-4MM-SS	1/4	1/4	0.08 (2.1)	1.69 (42.9)	5/8 (15.8)	20000 (1379)
PHN-4HM-6MM-SS	1/4	3/8	0.08 (2.1)	1.81 (46.0)	5/8 (15.8)	20000 (1379)
PHN-4HM-9MM-SS	1/4	9/16	0.08 (2.1)	2.06 (52.4)	15/16 (23.8)	20000 (1379)
PHN-4HM-12MMSS	1/4	3/4	0.08 (2.1)	2.37 (60.3)	13/16 (30.1)	20000 (1379)
PHN-4HM-16MM-SS	1/4	1	0.08 (2.1)	2.94 (74.6)	1-1/2 (38.1)	20000 (1379)
PHN-6HM-4MM-SS	3/8	1/4	0.11 (2.8)	2.00 (50.8)	13/16 (20.6)	20000 (1379)
PHN-6HM-6MM-SS	3/8	3/8	0.13 (3.2)	2.13 (54.0)	13/16 (20.6)	20000 (1379)
PHN-6HM-9MM-SS	3/8	9/16	0.13 (3.2)	2.37 (60.3)	15/16 (23.8)	20000 (1379)
PHN-6HM-12MMSS	3/8	3/4	0.13 (3.2)	2.63 (66.7)	13/16 (30.1)	20000 (1379)
PHN-6HM-16MM-SS	3/8	1	0.13 (3.2)	3.13 (79.4)	1-1/2 (38.1)	20000 (1379)
PHN-9HM-4MM-SS	9/16	1/4	0.11 (2.8)	2.25 (57.2)	13/16 (30.1)	20000 (1379)
PHN-9HM-6MM-SS	9/16	3/8	0.19 (4.8)	2.44 (61.9)	13/16 (30.1)	20000 (1379)
PHN-9HM-9MM-SS	9/16	9/16	0.19 (4.8)	2.63 (66.7)	13/16 (30.1)	20000 (1379)
PHN-9HM-12MM-SS	9/16	3/4	0.19 (4.8)	2.80(71.0)	13/16 (30.1)	20000 (1379)
PHN-9HM-16MM-SS	9/16	1	0.19 (4.8)	3.31 (84.2)	1-1/2 (38.1)	20000 (1379)

Dimensions are for reference only and subject to change

Cap

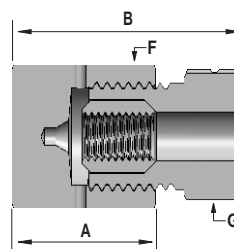
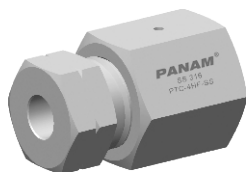


Medium Pressure Female to Medium Pressure Female

Part No	Tube OD Inch	Dimensions in. (mm)				Working Pressure psig (bar)
		A	B	F	G	
PTC-4MF-SS	1/4	1.00 (25.4)	1.38 (35.1)	19.0	12.7	20000 (1379)
PTC-6MF-SS	3/8	1.25 (31.8)	1.73 (44.0)	19.0	15.8	20000 (1379)
PTC-9MF-SS	9/16	1.50 (38.1)	2.18 (55.4)	25.4	22.2	20000 (1379)
PTC-12MF-SS	3/4	1.75 (44.5)	2.34 (59.5)	35.0	30.0	20000 (1379)
PTC-16MF-SS	1	2.25 (57.2)	3.00 (76.0)	44.5	35.0	20000 (1379)

Dimensions are for reference only and subject to change

Cap

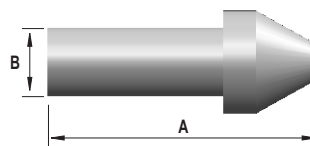
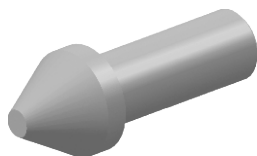


High Pressure Female to High Pressure Female

Part No	Tube OD Inch	Dimensions in. (mm)				Working Pressure psig (bar)
		A	B	F	G	
PTC-4HF-SS	1/4	0.75 (19.1)	1.22 (31.0)	19.0	15.8	60000 (4134)
PTC-6HF-SS	3/8	1.13 (28.6)	1.60 (40.5)	25.4	20.6	60000 (4134)
PTC-9HF-SS	9/16	1.38 (34.9)	1.84 (46.8)	38.1	30.1	60000 (4134)

Dimensions are for reference only and subject to change

Plug

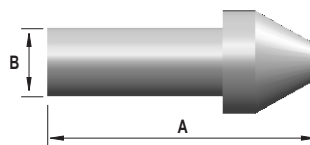
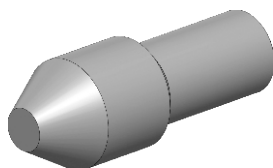


Medium Pressure Male to Medium Pressure Male

Part No	Tube OD Inch	Dimensions in. (mm)		Working Pressure psig (bar)
		A	B	
PTP-4M-SS	1/4	1.00 (25.4)	0.25 (6.4)	20000 (1379)
PTP-6M-SS	3/8	1.25 (31.8)	0.38 (9.5)	20000 (1379)
PTP-9M-SS	9/16	1.56 (39.6)	0.56 (14.2)	20000 (1379)
PTP-12M-SS	3/4	1.62 (41.2)	0.75 (19.5)	20000 (1379)
PTP-16M-SS	1	2.19 (55.6)	1.00 (25.4)	20000 (1379)

Dimensions are for reference only and subject to change

Plug

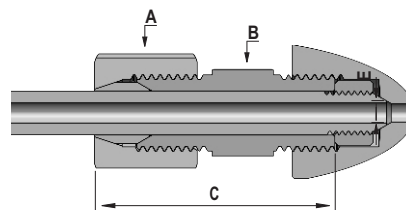


High Pressure Male to High Pressure Male

Part No	Tube OD Inch	Dimensions in. (mm)		Working Pressure psig (bar)
		A	B	
PTP-4H-SS	1/4	1.04 (26.4)	0.25 (6.4)	60000 (4134)
PTP-6H-SS	3/8	1.35 (35.3)	0.38 (9.5)	60000 (4134)
PTP-9H-SS	9/16	1.89 (48.0)	0.56 (14.2)	60000 (4134)

Dimensions are for reference only and subject to change

Anti-Vibration Glands

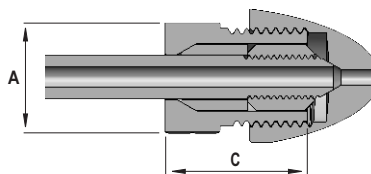


Medium Pressure Male to Medium Pressure Male

Part No	Tube OD Inch	Dimensions in. (mm)			Working Pressure psig (bar)
		A	B	C	
PAVG-4M-SS	1/4	0.63 (15.9)	0.50 (12.7)	1.44 (36.5)	20000 (1379)
PAVG-6M-SS	3/8	0.75 (19.1)	0.63 (15.9)	1.62 (41.2)	20000 (1379)
PAVG-9M-SS	9/16	1.00 (25.4)	0.87 (22.2)	1.87 (47.6)	20000 (1379)
PAVG-12M-SS	3/4	1.25 (31.75)	1.12 (28.5)	2.12 (54.0)	20000 (1379)
PAVG-16M-SS	1	1.50 (38.1)	1.38 (35.0)	2.46 (62.5)	20000 (1379)

Dimensions are for reference only and subject to change

Anti-Vibration Glands

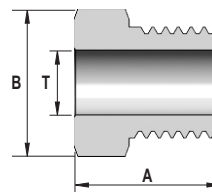


High Pressure Male to High Pressure Male

Part No	Tube OD Inch	Dimensions in. (mm)		Working Pressure psig (bar)
		A	B	
PAVG-4H-SS	1/4	0.63 (15.9)	0.82 (20.8)	60000 (4134)
PAVG-6H-SS	3/8	0.81 (20.6)	1.13 (28.7)	60000 (4134)
PAVG-9H-SS	9/16	1.19 (30.2)	1.50 (38.1)	60000 (4134)

Dimensions are for reference only and subject to change

Glands

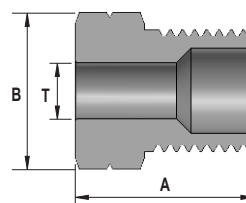


Medium Pressure

Part No	Tube OD Inch	Dimensions in. (mm)		Working Pressure psig (bar)
		A	B	
PG-4M-SS	1/4	0.50 (12.7)	0.58 (14.7)	20000 (1379)
PG-6M-SS	3/8	0.63 (15.9)	0.73 (18.5)	20000 (1379)
PG-9M-SS	9/16	0.94 (23.8)	0.88 (22.4)	20000 (1379)
PG-12M-SS	3/4	1.19 (30.2)	1.00 (25.4)	20000 (1379)
PG-16M-SS	1	1.38 (34.9)	1.38 (35.1)	20000 (1379)

Dimensions are for reference only and subject to change

Glands

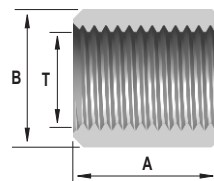
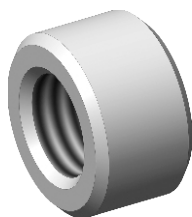


High Pressure

Part No	Tube OD Inch	Dimensions in. (mm)		Working Pressure psig (bar)
		A	B	
PG-4H-SS	1/4	0.63 (15.9)	0.82 (20.8)	60000 (4134)
PG-6H-SS	3/8	0.81 (20.6)	1.13 (28.7)	60000 (4134)
PG-9H-SS	9/16	1.19 (30.2)	1.50 (38.1)	60000 (4134)

Dimensions are for reference only and subject to change

Collar

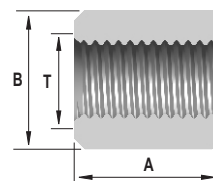
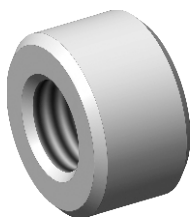


Medium Pressure

Part No	Tube OD Inch	Dimensions in. (mm)		Working Pressure psig (bar)
		A	B	
PCL-4M-SS	1/4	0.38 (9.7)	0.22 (5.6)	20000 (1379)
PCL-6M-SS	3/8	0.47 (11.9)	0.25 (6.4)	20000 (1379)
PCL-9M-SS	9/16	0.72 (18.3)	0.31 (7.9)	20000 (1379)
PCL-12M-SS	3/4	0.94 (23.8)	0.37 (9.4)	20000 (1379)
PCL-16M-SS	1	1.25 (31.8)	0.50 (12.7)	20000 (1379)

Dimensions are for reference only and subject to change

Collar



High Pressure

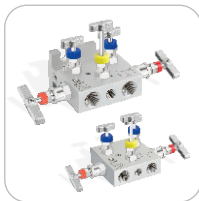
Part No	Tube OD Inch	Dimensions in. (mm)		Working Pressure psig (bar)
		A	B	
PCL-4H-SS	1/4	0.38 (9.6)	0.38 (9.6)	60000 (4134)
PCL-6H-SS	3/8	0.50 (12.7)	0.54 (13.7)	60000 (4134)
PCL-9H-SS	9/16	0.81 (20.6)	0.62 (15.8)	60000 (4134)

Dimensions are for reference only and subject to change

[illegible]

Notes

Other Products



2-3-5 VALVE MANIFOLDS



BELLOW SEAL VALVES



GAUGE ROOT VALVES



NEEDLE VALVES



HP NEEDLE VALVES



BALL VALVES



HP BALL VALVES



DOUBLE BLOCK & BLEED VALVES



MONO FLANGE VALVES



CHECK VALVES



RELIEF VALVES



FILTERS



TUBE FITTINGS



PIPE FITTINGS



HP PIPE FITTINGS



SWIVEL FITTINGS



JIC FITTINGS



WELD FITTINGS



HIGH PRESSURE FITTINGS



GAUGE SAVERS



PRESSURE GAUGES



TEMPERATURE GAUGES



PRESSURE TRANSMITTERS



TEMPERATURE TRANSMITTERS



PRESSURE REGULATORS



CONDENSATE POTS



AIR HEADERS



GRAB SAMPLING SYSTEM



PRE-FABRICATED HOOK UPS



FLANGE ADAPTERS



SWIVEL GAUGE ADAPTERS



THERMOWELLS



BLEED PLUGS



DIE-ELECTRIC FITTINGS



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