

PMH Series Pipe Fittings

Fittings

Tubing

Quick Couplings

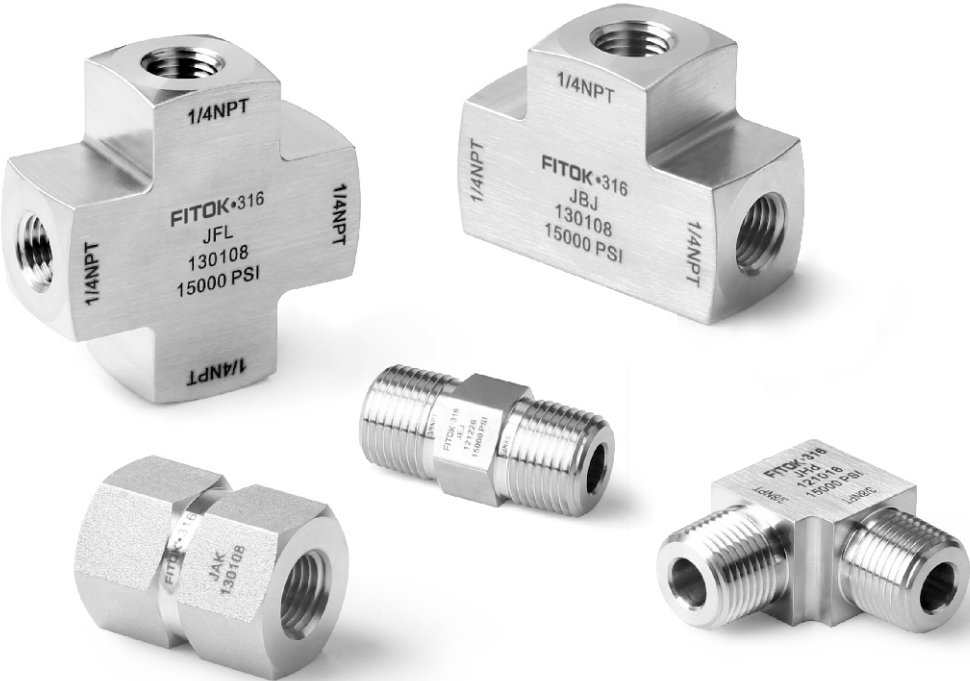
Line Filters

Valves

Sour Service
Products

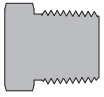
Subsea Valves

Part Number
Crossover Charts



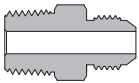
Contents

Pipe Plugs - HPP



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Hex Nipples - HPN



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Hex Long Nipples - HPL



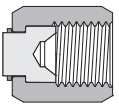
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Pipe Caps - HPC



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Pipe Cap Assemblies (Moveable Insert) - HMC



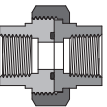
A-50

Hex Couplings - HPG



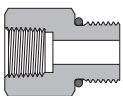
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Zero-Clearance Unions - HPZ



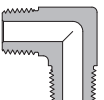
A-55

Adapters - HPA



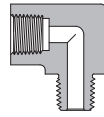
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Male Elbows - HPE



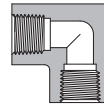
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Street Elbows - HPE



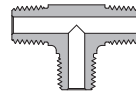
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Female Elbows - HPE



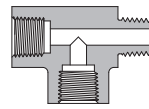
A-65

Male Tees - HPT



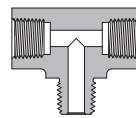
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Male Street Tees - HPT



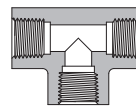
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Male Branch Tees - HPT



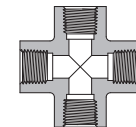
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Female Tees - HPT



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Female Crosses - HPX



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Connection Information

A-02

Ordering Number Description

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Fittings

Tubing

Quick Couplings

Line Filters

Valves

Sour Service Products

Subsea Valves

Part Number Crossover Charts

Features

- ⦿ High tensile 316 stainless steel as standard material, other materials available upon request
- ⦿ The hardened threads with smooth surface finishing avoid galling and help to extend the fitting service life
- ⦿ Radius junction design for elbows provides smooth flow path
- ⦿ Every fitting marked with size, material and trace ID

Thread Specifications

Connection Type	Designator	Thread Type	Thread Specification
Male NPT	NS	NPT	ASME B1.20.1, SAE AS71051
Female NPT	FNS		
Male ISO Tapered Thread	RT	ISO Tapered	ISO 7-1, BS EN 10226-1, DIN EN 10226-1, JIS B0203
Female ISO Tapered Thread	FRT		
Male JIC	JM	SAE/MS	ASME B1.1
Female JIC	JF		
Male SAE O-Ring	SH		
Female SAE O-Ring	US		
Male Type "M"	TM	ISO Parallel	ISO 228-1, DIN ISO 228-1, JIS B0202, BS2779
Male ISO Parallel Thread	HBP		
Female ISO Parallel Thread	SBP, HSBP		

① For more information, please refer to **Technical Information** on Page A-02.

Working Pressure

The working pressures of pipe fittings are shown in the "**Ordering Information and Dimensions**".

Working Temperature

Connection Type	Working Temperature Range
Male or Female NPT	-325°F to 400°F (-198°C to 204°C)①
Male or Female ISO Tapered Thread	-325°F to 400°F (-198°C to 204°C)①
Male or Female JIC	-423°F to 1200°F (-252°C to 649°C)
Male SAE O-Ring	0°F to 400°F (-17.8°C to 204°C)②
Female SAE O-Ring	-50°F to 550°F (-45°C to 288°C)
Male Type "M"	-423°F to 1200°F (-252°C to 649°C)
ISO Parallel Thread	-423°F to 1200°F (-252°C to 649°C)

① The data are based on the working temperature range of the thread sealants. For the working temperature above 400°F (204°C), please contact FITOK Group or our authorized distributors.

② The ends are supplied with a FKM O-ring as standard, other materials of O-rings available.

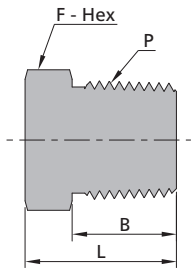
Cautions

- ⦿ Do not loosen or tighten fittings when the system is pressurized.
- ⦿ Always use proper thread sealants on tapered pipe threads. FITOK PTFE thread seal tapes are available. For more details, see Page A-90 of the **6D Series Tube Fittings** catalog.

Ordering Information and Dimensions

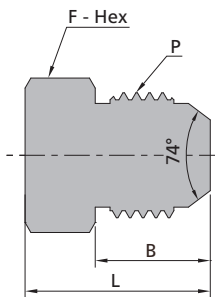
Dimensions are for reference only and are subject to change.

Pipe Plugs

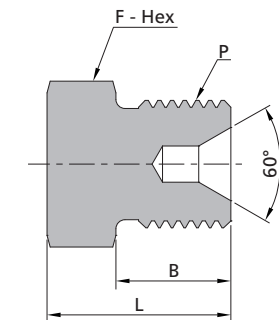


Male NPT Threads					
P-NPT Size, in.	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
		L	F	B	
1/8	SS-HPP-NS2	0.63 (16.0)	0.44 (11.1)	0.38 (9.7)	15000 (1034)
1/4	SS-HPP-NS4	0.87 (22.2)	0.56 (14.3)	0.56 (14.2)	15000 (1034)
3/8	SS-HPP-NS6	0.93 (23.6)	0.69 (17.5)	0.56 (14.2)	15000 (1034)
1/2	SS-HPP-NS8	1.16 (29.5)	0.87 (22.2)	0.75 (19.1)	15000 (1034)
3/4	SS-HPP-NS12	1.25 (31.8)	1.06 (27.0)	0.75 (19.1)	10000 (690)
1	SS-HPP-NS16	1.55 (39.3)	1.37 (34.9)	0.94 (23.9)	10000 (690)

Male ISO Tapered Threads					
P-ISO Thread Size, in.	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
		L	F	B	
1/8	SS-HPP-RT2	0.63 (16.0)	0.44 (11.1)	0.38 (9.7)	15000 (1034)
1/4	SS-HPP-RT4	0.87 (22.2)	0.56 (14.3)	0.56 (14.2)	15000 (1034)
3/8	SS-HPP-RT6	0.93 (23.6)	0.69 (17.5)	0.56 (14.2)	15000 (1034)
1/2	SS-HPP-RT8	1.16 (29.5)	0.87 (22.2)	0.75 (19.1)	15000 (1034)
3/4	SS-HPP-RT12	1.25 (31.8)	1.06 (27.0)	0.75 (19.1)	10000 (690)
1	SS-HPP-RT16	1.55 (39.3)	1.37 (34.9)	0.94 (23.9)	10000 (690)

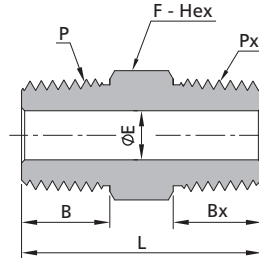


Male JIC					
P-JIC Size, in.	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
		L	F	B	
1/4	SS-HPP-JM4	0.83 (21.0)	0.50 (12.7)	0.55 (14.0)	20000 (1379)
3/8	SS-HPP-JM6	0.89 (22.7)	0.63 (15.9)	0.56 (14.1)	20000 (1379)
1/2	SS-HPP-JM8	1.05 (26.7)	0.81 (20.6)	0.66 (16.7)	20000 (1379)
5/8	SS-HPP-JM10	1.19 (30.3)	0.94 (23.8)	0.76 (19.3)	20000 (1379)
3/4	SS-HPP-JM12	1.37 (34.9)	1.13 (28.6)	0.86 (21.9)	15000 (1034)
1	SS-HPP-JM16	1.51 (38.3)	1.37 (34.9)	0.91 (23.1)	15000 (1034)



Male Type "M"					
P-SAE/MS Thread Size, in.	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
		L	F	B	
9/16-18	SS-HPP-TM9	0.84 (21.3)	0.63 (15.9)	0.50 (12.7)	60000 (4137)
3/4-16	SS-HPP-TM12	1.01 (25.6)	0.75 (19.1)	0.63 (16.0)	30000 (2068)
7/8-14	SS-HPP-TM14	1.21 (30.8)	1.00 (25.4)	0.76 (19.2)	50000 (3447)
1-12	SS-HPP-TM16	1.10 (27.9)	1.00 (25.4)	0.64 (16.3)	30000 (2068)
1 5/16-12	SS-HPP-TM21	1.22 (30.9)	1.37 (34.9)	0.62 (15.7)	20000 (1379)

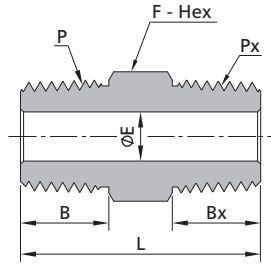
Hex Nipples



Male NPT Threads

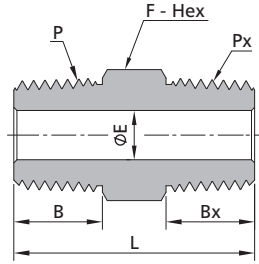
P-NPT Size, in.	Px-NPT Size, in.	Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)
			L	F	B	Bx	E	
1/8	1/8	SS-HPN-NS2	1.05 (26.6)	0.44 (11.1)	0.38 (9.7)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	1/8	SS-HPN-NS4-NS2	1.30 (32.9)	0.56 (14.3)	0.56 (14.2)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	1/4	SS-HPN-NS4	1.47 (37.4)	0.56 (14.3)	0.56 (14.2)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	1/8	SS-HPN-NS6-NS2	1.34 (34.1)	0.69 (17.5)	0.56 (14.2)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
3/8	1/4	SS-HPN-NS6-NS4	1.52 (38.6)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	3/8	SS-HPN-NS6	1.52 (38.6)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	1/8	SS-HPN-NS8-NS2	1.58 (40.2)	0.87 (22.2)	0.75 (19.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/2	1/4	SS-HPN-NS8-NS4	1.76 (44.7)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/2	3/8	SS-HPN-NS8-NS6	1.76 (44.7)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	1/2	SS-HPN-NS8	1.95 (49.6)	0.87 (22.2)	0.75 (19.1)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/4	1/8	SS-HPN-NS12-NS2	1.67 (42.4)	1.06 (27.0)	0.75 (19.1)	0.38 (9.7)	0.22 (5.5)	10000 (690)
3/4	1/4	SS-HPN-NS12-NS4	1.85 (46.9)	1.06 (27.0)	0.75 (19.1)	0.56 (14.2)	0.28 (7.1)	10000 (690)
3/4	3/8	SS-HPN-NS12-NS6	1.85 (46.9)	1.06 (27.0)	0.75 (19.1)	0.56 (14.2)	0.38 (9.6)	10000 (690)
3/4	1/2	SS-HPN-NS12-NS8	2.04 (51.8)	1.06 (27.0)	0.75 (19.1)	0.75 (19.1)	0.47 (11.9)	10000 (690)
3/4	3/4	SS-HPN-NS12	2.04 (51.8)	1.06 (27.0)	0.75 (19.1)	0.75 (19.1)	0.58 (14.8)	10000 (690)
1	1/8	SS-HPN-NS16-NS2	1.96 (49.8)	1.37 (34.9)	0.94 (23.9)	0.38 (9.7)	0.22 (5.5)	10000 (690)
1	1/4	SS-HPN-NS16-NS4	2.14 (54.3)	1.37 (34.9)	0.94 (23.9)	0.56 (14.2)	0.28 (7.1)	10000 (690)
1	3/8	SS-HPN-NS16-NS6	2.14 (54.3)	1.37 (34.9)	0.94 (23.9)	0.56 (14.2)	0.38 (9.6)	10000 (690)
1	1/2	SS-HPN-NS16-NS8	2.33 (59.2)	1.37 (34.9)	0.94 (23.9)	0.75 (19.1)	0.47 (11.9)	10000 (690)
1	3/4	SS-HPN-NS16-NS12	2.33 (59.2)	1.37 (34.9)	0.94 (23.9)	0.75 (19.1)	0.58 (14.8)	10000 (690)
1	1	SS-HPN-NS16	2.52 (64.0)	1.37 (34.9)	0.94 (23.9)	0.94 (23.9)	0.79 (20.0)	10000 (690)

Hex Nipples



Male NPT Threads			Male ISO Tapered Threads					
P-NPT Size, in.	Px-ISO Thread Size, in.	Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)
			L	F	B	Bx	E	
1/8	1/8	SS-HPN-NS2-RT2	1.05 (26.6)	0.44 (11.1)	0.38 (9.7)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	1/8	SS-HPN-NS4-RT2	1.30 (32.9)	0.56 (14.3)	0.56 (14.2)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	1/4	SS-HPN-NS4-RT4	1.47 (37.4)	0.56 (14.3)	0.56 (14.2)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	1/8	SS-HPN-NS6-RT2	1.34 (34.1)	0.69 (17.5)	0.56 (14.2)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
3/8	1/4	SS-HPN-NS6-RT4	1.52 (38.6)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	3/8	SS-HPN-NS6-RT6	1.52 (38.6)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	1/8	SS-HPN-NS8-RT2	1.58 (40.2)	0.87 (22.2)	0.75 (19.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/2	1/4	SS-HPN-NS8-RT4	1.76 (44.7)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/2	3/8	SS-HPN-NS8-RT6	1.76 (44.7)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	1/2	SS-HPN-NS8-RT8	1.95 (49.6)	0.87 (22.2)	0.75 (19.1)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/4	1/8	SS-HPN-NS12-RT2	1.67 (42.4)	1.06 (27.0)	0.75 (19.1)	0.38 (9.7)	0.22 (5.5)	10000 (690)
3/4	1/4	SS-HPN-NS12-RT4	1.85 (46.9)	1.06 (27.0)	0.75 (19.1)	0.56 (14.2)	0.28 (7.1)	10000 (690)
3/4	3/8	SS-HPN-NS12-RT6	1.85 (46.9)	1.06 (27.0)	0.75 (19.1)	0.56 (14.2)	0.38 (9.6)	10000 (690)
3/4	1/2	SS-HPN-NS12-RT8	2.04 (51.8)	1.06 (27.0)	0.75 (19.1)	0.75 (19.1)	0.47 (11.9)	10000 (690)
3/4	3/4	SS-HPN-NS12-RT12	2.04 (51.8)	1.06 (27.0)	0.75 (19.1)	0.75 (19.1)	0.58 (14.8)	10000 (690)
1	1/8	SS-HPN-NS16-RT2	1.96 (49.8)	1.37 (34.9)	0.94 (23.9)	0.38 (9.7)	0.22 (5.5)	10000 (690)
1	1/4	SS-HPN-NS16-RT4	2.14 (54.3)	1.37 (34.9)	0.94 (23.9)	0.56 (14.2)	0.28 (7.1)	10000 (690)
1	3/8	SS-HPN-NS16-RT6	2.14 (54.3)	1.37 (34.9)	0.94 (23.9)	0.56 (14.2)	0.38 (9.6)	10000 (690)
1	1/2	SS-HPN-NS16-RT8	2.33 (59.2)	1.37 (34.9)	0.94 (23.9)	0.75 (19.1)	0.47 (11.9)	10000 (690)
1	3/4	SS-HPN-NS16-RT12	2.33 (59.2)	1.37 (34.9)	0.94 (23.9)	0.75 (19.1)	0.58 (14.8)	10000 (690)
1	1	SS-HPN-NS16-RT16	2.52 (64.0)	1.37 (34.9)	0.94 (23.9)	0.94 (23.9)	0.79 (20.0)	10000 (690)

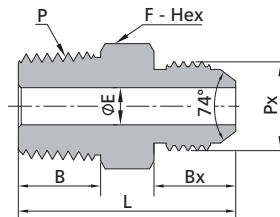
Hex Nipples



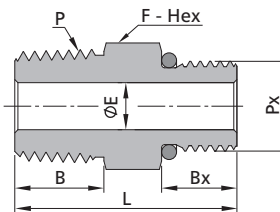
Male ISO Tapered Threads

P-ISO Thread Size, in.	Px-ISO Thread Size, in.	Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)
			L	F	B	Bx	E	
1/8	1/8	SS-HPN-RT2	1.05 (26.6)	0.44 (11.1)	0.38 (9.7)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	1/8	SS-HPN-RT4-RT2	1.30 (32.9)	0.56 (14.3)	0.56 (14.2)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	1/4	SS-HPN-RT4	1.47 (37.4)	0.56 (14.3)	0.56 (14.2)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	1/8	SS-HPN-RT6-RT2	1.34 (34.1)	0.69 (17.5)	0.56 (14.2)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
3/8	1/4	SS-HPN-RT6-RT4	1.52 (38.6)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	3/8	SS-HPN-RT6	1.52 (38.6)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	1/8	SS-HPN-RT8-RT2	1.58 (40.2)	0.87 (22.2)	0.75 (19.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/2	1/4	SS-HPN-RT8-RT4	1.76 (44.7)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/2	3/8	SS-HPN-RT8-RT6	1.76 (44.7)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	1/2	SS-HPN-RT8	1.95 (49.6)	0.87 (22.2)	0.75 (19.1)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/4	1/8	SS-HPN-RT12-RT2	1.67 (42.4)	1.06 (27.0)	0.75 (19.1)	0.38 (9.7)	0.22 (5.5)	10000 (690)
3/4	1/4	SS-HPN-RT12-RT4	1.85 (46.9)	1.06 (27.0)	0.75 (19.1)	0.56 (14.2)	0.28 (7.1)	10000 (690)
3/4	3/8	SS-HPN-RT12-RT6	1.85 (46.9)	1.06 (27.0)	0.75 (19.1)	0.56 (14.2)	0.38 (9.6)	10000 (690)
3/4	1/2	SS-HPN-RT12-RT8	2.04 (51.8)	1.06 (27.0)	0.75 (19.1)	0.75 (19.1)	0.47 (11.9)	10000 (690)
3/4	3/4	SS-HPN-RT12	2.04 (51.8)	1.06 (27.0)	0.75 (19.1)	0.75 (19.1)	0.58 (14.8)	10000 (690)
1	1/8	SS-HPN-RT16-RT2	1.96 (49.8)	1.37 (34.9)	0.94 (23.9)	0.38 (9.7)	0.22 (5.5)	10000 (690)
1	1/4	SS-HPN-RT16-RT4	2.14 (54.3)	1.37 (34.9)	0.94 (23.9)	0.56 (14.2)	0.28 (7.1)	10000 (690)
1	3/8	SS-HPN-RT16-RT6	2.14 (54.3)	1.37 (34.9)	0.94 (23.9)	0.56 (14.2)	0.38 (9.6)	10000 (690)
1	1/2	SS-HPN-RT16-RT8	2.33 (59.2)	1.37 (34.9)	0.94 (23.9)	0.75 (19.1)	0.47 (11.9)	10000 (690)
1	3/4	SS-HPN-RT16-RT12	2.33 (59.2)	1.37 (34.9)	0.94 (23.9)	0.75 (19.1)	0.58 (14.8)	10000 (690)
1	1	SS-HPN-RT16	2.52 (64.0)	1.37 (34.9)	0.94 (23.9)	0.94 (23.9)	0.79 (20.0)	10000 (690)

Hex Nipples



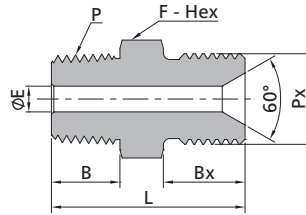
Male NPT Threads			Male JIC					
P-NPT Size, in.	Px-JIC Size, in.	Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)
			L	F	B	Bx	E	
1/8	1/4	SS-HPN-NS2-JM4	1.23 (31.3)	0.50 (12.7)	0.38 (9.7)	0.55 (14.0)	0.17 (4.4)	15000 (1034)
1/8	3/8	SS-HPN-NS2-JM6	1.31 (33.4)	0.63 (15.9)	0.38 (9.7)	0.56 (14.1)	0.19 (4.8)	15000 (1034)
1/4	1/4	SS-HPN-NS4-JM4	1.46 (37.2)	0.56 (14.3)	0.56 (14.2)	0.55 (14.0)	0.17 (4.4)	15000 (1034)
1/4	3/8	SS-HPN-NS4-JM6	1.49 (37.9)	0.63 (15.9)	0.56 (14.2)	0.56 (14.1)	0.23 (5.8)	15000 (1034)
1/4	1/2	SS-HPN-NS4-JM8	1.65 (41.9)	0.81 (20.6)	0.56 (14.2)	0.66 (16.7)	0.25 (6.4)	15000 (1034)
3/8	1/4	SS-HPN-NS6-JM4	1.52 (38.4)	0.69 (17.5)	0.56 (14.2)	0.55 (14.0)	0.17(4.4)	15000 (1034)
3/8	3/8	SS-HPN-NS6-JM6	1.52 (38.4)	0.69 (17.5)	0.56 (14.2)	0.56 (14.1)	0.23 (5.8)	15000 (1034)
3/8	1/2	SS-HPN-NS6-JM8	1.62 (41.1)	0.81 (20.6)	0.56 (14.2)	0.66 (16.7)	0.31 (7.9)	15000 (1034)
1/2	1/4	SS-HPN-NS8-JM4	1.75 (44.5)	0.87 (22.2)	0.75 (19.1)	0.55 (14.0)	0.17 (4.4)	15000 (1034)
1/2	3/8	SS-HPN-NS8-JM6	1.75 (44.6)	0.87 (22.2)	0.75 (19.1)	0.56 (14.1)	0.23 (5.8)	15000 (1034)
1/2	1/2	SS-HPN-NS8-JM8	1.86 (47.2)	0.87 (22.2)	0.75 (19.1)	0.66 (16.7)	0.31 (8.0)	15000 (1034)
1/2	5/8	SS-HPN-NS8-JM10	1.98 (50.4)	0.94 (23.8)	0.75 (19.1)	0.76 (19.3)	0.37 (9.4)	15000 (1034)
3/4	1/2	SS-HPN-NS12-JM8	1.94 (49.4)	1.06 (27.0)	0.75 (19.1)	0.66 (16.7)	0.39 (9.9)	10000 (690)
3/4	5/8	SS-HPN-NS12-JM10	2.05 (52.0)	1.06 (27.0)	0.75 (19.1)	0.76 (19.3)	0.48 (12.3)	10000 (690)
3/4	3/4	SS-HPN-NS12-JM12	2.17 (55.0)	1.13 (28.6)	0.75 (19.1)	0.86 (21.9)	0.58 (14.8)	10000 (690)
3/4	1	SS-HPN-NS12-JM16	2.30 (58.4)	1.37 (34.9)	0.75 (19.1)	0.91 (23.1)	0.58 (14.8)	10000 (690)
1	3/4	SS-HPN-NS16-JM12	2.44 (62.0)	1.37 (34.9)	0.94 (23.9)	0.86 (21.9)	0.61 (15.5)	10000 (690)
1	1	SS-HPN-NS16-JM16	2.49 (63.2)	1.37 (34.9)	0.94 (23.9)	0.91 (23.1)	0.79 (20.0)	10000 (690)

Hex Nipples^①

Male NPT Threads								Male SAE O-Ring
P-NPT Size, in.	Px-SAE/MS Thread Size, in.	Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)
			L	F	B	Bx	E	
1/4	7/16-20	SS-HPN-NS4-SH7	1.35 (34.2)	0.56 (14.3)	0.56 (14.2)	0.43 (11.0)	0.18 (4.5)	10000 (690)
1/4	9/16-18	SS-HPN-NS4-SH9	1.43 (36.4)	0.69 (17.5)	0.56 (14.2)	0.47 (12.0)	0.28 (7.1)	10000 (690)
3/8	7/16-20	SS-HPN-NS6-SH7	1.39 (35.4)	0.69 (17.5)	0.56 (14.2)	0.43 (11.0)	0.18 (4.5)	10000 (690)
3/8	9/16-18	SS-HPN-NS6-SH9	1.43 (36.4)	0.69 (17.5)	0.56 (14.2)	0.47 (12.0)	0.30 (7.5)	10000 (690)
3/8	3/4-16	SS-HPN-NS6-SH12	1.56 (39.6)	0.87 (22.2)	0.56 (14.2)	0.55 (14.0)	0.38 (9.6)	10000 (690)
1/2	9/16-18	SS-HPN-NS8-SH9	1.67 (42.5)	0.87 (22.2)	0.75 (19.1)	0.47 (12.0)	0.30 (7.5)	10000 (690)
1/2	3/4-16	SS-HPN-NS8-SH12	1.75 (44.5)	0.87 (22.2)	0.75 (19.1)	0.55 (14.0)	0.39 (10.0)	10000 (690)
1/2	7/8-14	SS-HPN-NS8-SH14	1.88 (47.7)	1.00 (25.4)	0.75 (19.1)	0.63 (16.0)	0.47 (11.9)	10000 (690)
3/4	9/16-18	SS-HPN-NS12-SH9	1.76 (44.7)	1.06 (27.0)	0.75 (19.1)	0.47 (12.0)	0.30 (7.5)	10000 (690)
3/4	3/4-16	SS-HPN-NS12-SH12	1.84 (46.7)	1.06 (27.0)	0.75 (19.1)	0.55 (14.0)	0.39 (10.0)	10000 (690)
3/4	7/8-14	SS-HPN-NS12-SH14	1.92 (48.7)	1.06 (27.0)	0.75 (19.1)	0.63 (16.0)	0.49 (12.5)	10000 (690)
1	3/4-16	SS-HPN-NS16-SH12	2.13 (54.1)	1.37 (34.9)	0.94 (23.9)	0.55 (14.0)	0.39 (10.0)	10000 (690)
1	7/8-14	SS-HPN-NS16-SH14	2.21 (56.1)	1.37 (34.9)	0.94 (23.9)	0.63 (16.0)	0.49 (12.5)	10000 (690)

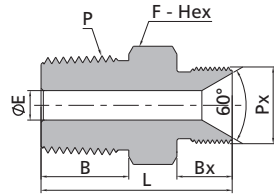
① Male SAE O-ring Ends are supplied with a FKM O-ring as standard, other materials of O-rings available.

Hex Nipples



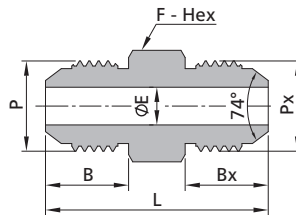
Male NPT Threads					Male Type "M"				
P-NPT Size, in.	Px-SAE/MS Thread Size, in.	Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)	
			L	F	B	Bx	E		
1/8	9/16-18	SS-HPN-NS2-TM9	1.22 (31.0)	0.63 (15.9)	0.38 (9.7)	0.50 (12.7)	0.09 (2.4)	15000 (1034)	
1/8	3/4-16	SS-HPN-NS2-TM12	13.9 (35.3)	0.75 (19.1)	0.38 (9.7)	0.63 (16.0)	0.19 (4.8)	15000 (1034)	
1/4	9/16-18	SS-HPN-NS4-TM9	1.40 (35.5)	0.63 (15.9)	0.56 (14.2)	0.50 (12.7)	0.09 (2.4)	15000 (1034)	
1/4	3/4-16	SS-HPN-NS4-TM12	1.57 (39.8)	0.75 (19.1)	0.56 (14.2)	0.63 (16.0)	0.25 (6.4)	15000 (1034)	
1/4	7/8-14	SS-HPN-NS4-TM14	1.77 (45.0)	1.00 (25.4)	0.56 (14.2)	0.76 (19.2)	0.15 (3.8)	15000 (1034)	
3/8	9/16-18	SS-HPN-NS6-TM9	1.42 (36.1)	0.69 (17.5)	0.56 (14.2)	0.50 (12.7)	0.09 (2.4)	15000 (1034)	
3/8	3/4-16	SS-HPN-NS6-TM12	1.57 (39.8)	0.75 (19.1)	0.56 (14.2)	0.63 (16.0)	0.29 (7.4)	15000 (1034)	
3/8	7/8-14	SS-HPN-NS6-TM14	1.96 (49.9)	1.00 (25.4)	0.56 (14.2)	0.76 (19.2)	0.15 (3.8)	15000 (1034)	
1/2	9/16-18	SS-HPN-NS8-TM9	1.66 (42.2)	0.87 (22.2)	0.75 (19.1)	0.50 (12.7)	0.09 (2.4)	15000 (1034)	
1/2	3/4-16	SS-HPN-NS8-TM12	1.79 (45.5)	0.87 (22.2)	0.75 (19.1)	0.63 (16.0)	0.29 (7.4)	15000 (1034)	
1/2	7/8-14	SS-HPN-NS8-TM14	1.96 (49.9)	1.00 (25.4)	0.75 (19.1)	0.76 (19.2)	0.15 (3.8)	15000 (1034)	
1/2	1-12	SS-HPN-NS8-TM16	1.85 (47.0)	1.00 (25.4)	0.75 (19.1)	0.64 (16.3)	0.38 (9.6)	15000 (1034)	
3/4	9/16-18	SS-HPN-NS12-TM9	1.75 (44.4)	1.06 (27.0)	0.75 (19.1)	0.50 (12.7)	0.09 (2.4)	10000 (690)	
3/4	3/4-16	SS-HPN-NS12-TM12	1.88 (47.7)	1.06 (27.0)	0.75 (19.1)	0.63 (16.0)	0.29 (7.4)	10000 (690)	
3/4	7/8-14	SS-HPN-NS12-TM14	2.00 (50.9)	1.06 (27.0)	0.75 (19.1)	0.76 (19.2)	0.15 (3.8)	10000 (690)	
3/4	1-12	SS-HPN-NS12-TM16	1.89 (48.0)	1.06 (27.0)	0.75 (19.1)	0.64 (16.3)	0.39 (10.0)	10000 (690)	
1	1-12	SS-HPN-NS16-TM16	2.18 (55.4)	1.37 (34.9)	0.94 (23.9)	0.64 (16.3)	0.39 (10.0)	10000 (690)	
1	1 5/16-12	SS-HPN-NS16-TM21	2.16 (54.8)	1.37 (34.9)	0.94 (23.9)	0.62 (15.7)	0.69 (17.5)	10000 (690)	

Hex Nipples



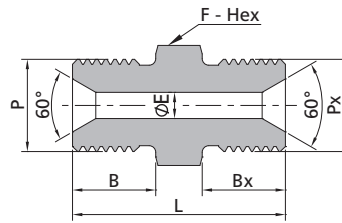
Male NPT Threads			Male ISO Parallel Threads					
P-NPT Size, in.	Px-ISO Parallel Thread Size, in.	Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)
			L	F	B	Bx	E	
1/8	1/4	SS-HPN-NS2-HBP4	1.15 (29.3)	0.63 (15.9)	0.38 (9.7)	0.43 (11.0)	0.15 (3.8)	15000 (1034)
1/8	3/8	SS-HPN-NS2-HBP6	1.25 (31.7)	0.81 (20.6)	0.38 (9.7)	0.47 (12.0)	0.19 (4.8)	15000 (1034)
1/4	1/4	SS-HPN-NS4-HBP4	1.33 (33.8)	0.63 (15.9)	0.56 (14.2)	0.43 (11.0)	0.15 (3.8)	15000 (1034)
1/4	3/8	SS-HPN-NS4-HBP6	1.43 (36.2)	0.81 (20.6)	0.56 (14.2)	0.47 (12.0)	0.25 (6.4)	15000 (1034)
1/4	1/2	SS-HPN-NS4-HBP8	1.56 (39.7)	1.00 (25.4)	0.56 (14.2)	0.55 (14.0)	0.25 (6.4)	15000 (1034)
3/8	1/4	SS-HPN-NS6-HBP4	1.35 (34.4)	0.69 (17.5)	0.56 (14.2)	0.43 (11.0)	0.15 (3.8)	15000 (1034)
3/8	3/8	SS-HPN-NS6-HBP6	1.39 (35.4)	0.81 (20.6)	0.56 (14.2)	0.47 (12.0)	0.25 (6.4)	15000 (1034)
3/8	1/2	SS-HPN-NS6-HBP8	1.56 (39.7)	1.00 (25.4)	0.56 (14.2)	0.55 (14.0)	0.31 (7.9)	15000 (1034)
1/2	1/4	SS-HPN-NS8-HBP4	1.59 (40.5)	0.87 (22.2)	0.75 (19.1)	0.43 (11.0)	0.15 (3.8)	15000 (1034)
1/2	3/8	SS-HPN-NS8-HBP6	1.63 (41.5)	0.87 (22.2)	0.75 (19.1)	0.47 (12.0)	0.25 (6.4)	15000 (1034)
1/2	1/2	SS-HPN-NS8-HBP8	1.75 (44.5)	1.00 (25.4)	0.75 (19.1)	0.55 (14.0)	0.37 (9.5)	15000 (1034)
1/2	3/4	SS-HPN-NS8-HBP12	1.95 (49.6)	1.25 (31.8)	0.75 (19.1)	0.63 (16.0)	0.38 (9.6)	15000 (1034)
1/2	1	SS-HPN-NS8-HBP16	2.11 (53.6)	1.50 (38.1)	0.75 (19.1)	0.75 (19.0)	0.38 (9.6)	15000 (1034)
3/4	1/2	SS-HPN-NS12-HBP8	1.80 (45.6)	1.06 (27.0)	0.75 (19.1)	0.55 (14.0)	0.37 (9.5)	10000 (690)
3/4	3/4	SS-HPN-NS12-HBP12	1.95 (49.6)	1.25 (31.8)	0.75 (19.1)	0.63 (16.0)	0.50 (12.7)	10000 (690)
3/4	1	SS-HPN-NS12-HBP16	2.11 (53.7)	1.50 (38.1)	0.75 (19.1)	0.75 (19.0)	0.58 (14.8)	10000 (690)
1	3/4	SS-HPN-NS16-HBP12	2.16 (54.9)	1.37 (34.9)	0.94 (23.9)	0.63 (16.0)	0.50 (12.7)	10000 (690)
1	1	SS-HPN-NS16-HBP16	2.30 (58.5)	1.50 (38.1)	0.94 (23.9)	0.75 (19.0)	0.63 (15.9)	10000 (690)

Hex Nipples



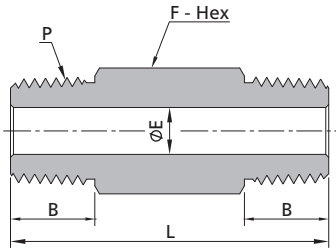
Male JIC			Dimensions, in. (mm)					Working Pressure psig (bar)
P-JIC Size, in.	Px-JIC Size, in.	Ordering Number	L	F	B	Bx	E	
1/4	1/4	SS-HPN-JM4	1.40 (35.6)	0.50 (12.7)	0.55 (14.0)	0.55 (14.0)	0.17 (4.4)	20000 (1379)
3/8	1/4	SS-HPN-JM6-JM4	1.48 (37.7)	0.63 (15.9)	0.56 (14.1)	0.55 (14.0)	0.17 (4.4)	20000 (1379)
3/8	3/8	SS-HPN-JM6	1.49 (37.8)	0.63 (15.9)	0.56 (14.1)	0.56 (14.1)	0.23 (5.8)	20000 (1379)
1/2	3/8	SS-HPN-JM8-JM6	1.65 (41.8)	0.81 (20.6)	0.66 (16.7)	0.56 (14.1)	0.23 (5.8)	20000 (1379)
1/2	1/2	SS-HPN-JM8	1.75 (44.4)	0.81 (20.6)	0.66 (16.7)	0.66 (16.7)	0.31 (8.0)	20000 (1379)
5/8	3/8	SS-HPN-JM10-JM6	1.79 (45.4)	0.94 (23.8)	0.76 (19.3)	0.56 (14.1)	0.23 (5.8)	20000 (1379)
5/8	1/2	SS-HPN-JM10-JM8	1.89 (48.0)	0.94 (23.8)	0.76 (19.3)	0.66 (16.7)	0.31 (8.0)	20000 (1379)
5/8	5/8	SS-HPN-JM10	1.99 (50.6)	0.94 (23.8)	0.76 (19.3)	0.76 (19.3)	0.37 (9.4)	20000 (1379)
3/4	1/2	SS-HPN-JM12-JM8	2.07 (52.6)	1.13 (28.6)	0.86 (21.9)	0.66 (16.7)	0.31 (8.0)	15000 (1034)
3/4	5/8	SS-HPN-JM12-JM10	2.17 (55.2)	1.13 (28.6)	0.86 (21.9)	0.76 (19.3)	0.37 (9.4)	15000 (1034)
3/4	3/4	SS-HPN-JM12	2.28 (57.8)	1.13 (28.6)	0.86 (21.9)	0.86 (21.9)	0.46 (11.6)	15000 (1034)
1	5/8	SS-HPN-JM16-JM10	2.31 (58.6)	1.37 (34.9)	0.91 (23.1)	0.76 (19.3)	0.37 (9.4)	15000 (1034)
1	3/4	SS-HPN-JM16-JM12	2.41 (61.2)	1.37 (34.9)	0.91 (23.1)	0.86 (21.9)	0.46 (11.6)	15000 (1034)
1	1	SS-HPN-JM16	2.46 (62.4)	1.37 (34.9)	0.91 (23.1)	0.91 (23.1)	0.57 (14.6)	15000 (1034)

Hex Nipples



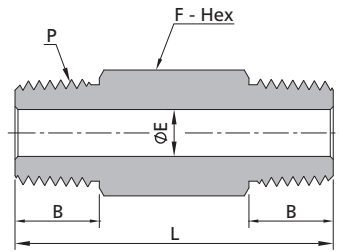
Male Type "M"					Male Type "M"				
Px-SAE/MS Thread Size, in.	Px-SAE/MS Thread Size, in.	Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)	
			L	F	B	Bx	E		
9/16-18	9/16-18	SS-HPN-TM9	1.34 (34.0)	0.63 (15.9)	0.50 (12.7)	0.50 (12.7)	0.09 (2.4)	60000 (4137)	
3/4-16	9/16-18	SS-HPN-TM12-TM9	1.51 (38.3)	0.75 (19.1)	0.63 (16.0)	0.50 (12.7)	0.09 (2.4)	30000 (2068)	
3/4-16	3/4-16	SS-HPN-TM12	1.64 (41.6)	0.75 (19.1)	0.63 (16.0)	0.63 (16.0)	0.29 (7.4)	30000 (2068)	
7/8-14	9/16-18	SS-HPN-TM14-TM9	1.71 (43.5)	1.00 (25.4)	0.76 (19.2)	0.50 (12.7)	0.09 (2.4)	50000 (3447)	
7/8-14	3/4-16	SS-HPN-TM14-TM12	1.84 (46.8)	1.00 (25.4)	0.76 (19.2)	0.63 (16.0)	0.15 (3.8)	30000 (2068)	
7/8-14	7/8-14	SS-HPN-TM14	1.97 (50.0)	1.00 (25.4)	0.76 (19.2)	0.76 (19.2)	0.15 (3.8)	50000 (3447)	
1-12	9/16-18	SS-HPN-TM16-TM9	1.60 (40.6)	1.00 (25.4)	0.64 (16.3)	0.50 (12.7)	0.09 (2.4)	30000 (2068)	
1-12	3/4-16	SS-HPN-TM16-TM12	1.73 (43.9)	1.00 (25.4)	0.64 (16.3)	0.63 (16.0)	0.29 (7.4)	30000 (2068)	
1-12	7/8-14	SS-HPN-TM16-TM14	1.85 (47.1)	1.00 (25.4)	0.64 (16.3)	0.76 (19.2)	0.15 (3.8)	30000 (2068)	
1-12	1-12	SS-HPN-TM16	1.74 (44.2)	1.00 (25.4)	0.64 (16.3)	0.64 (16.3)	0.39 (10.0)	30000 (2068)	
1 5/16-12	1-12	SS-HPN-TM21-TM16	1.86 (47.2)	1.37 (34.9)	0.62 (15.7)	0.64 (16.3)	0.39 (10.0)	20000 (1379)	
1 5/16-12	1 5/16-12	SS-HPN-TM21	1.83 (46.6)	1.37 (34.9)	0.62 (15.7)	0.62 (15.7)	0.69 (17.5)	20000 (1379)	

Hex Long Nipples



Male NPT Threads						
P-NPT Size, in.	Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)
		L	F	B	E	
1/8	SS-HPL-NS2-1.5	1.50 (38.1)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/8	SS-HPL-NS2-2	2.00 (50.8)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/8	SS-HPL-NS2-2.5	2.50 (63.5)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/8	SS-HPL-NS2-3	3.00 (76.2)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	SS-HPL-NS4-2	2.00 (50.8)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/4	SS-HPL-NS4-2.5	2.50 (63.5)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/4	SS-HPL-NS4-3	3.00 (76.2)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/4	SS-HPL-NS4-4	4.00 (101.6)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	SS-HPL-NS6-2	2.00 (50.8)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
3/8	SS-HPL-NS6-2.5	2.50 (63.5)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
3/8	SS-HPL-NS6-3	3.00 (76.2)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
3/8	SS-HPL-NS6-4	4.00 (101.6)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	SS-HPL-NS8-3	3.00 (76.2)	0.87 (22.2)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
1/2	SS-HPL-NS8-4	4.00 (101.6)	0.87 (22.2)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
1/2	SS-HPL-NS8-6	6.00 (152.4)	0.87 (22.2)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/4	SS-HPL-NS12-3	3.00 (76.2)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (690)
3/4	SS-HPL-NS12-4	4.00 (101.6)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (690)
3/4	SS-HPL-NS12-6	6.00 (152.4)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (690)
3/4	SS-HPL-NS12-8	8.00 (203.2)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (690)
1	SS-HPL-NS16-3	3.00 (76.2)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (690)
1	SS-HPL-NS16-4	4.00 (101.6)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (690)
1	SS-HPL-NS16-6	6.00 (152.4)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (690)
1	SS-HPL-NS16-8	8.00 (203.2)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (690)

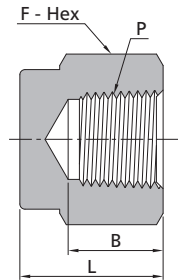
Hex Long Nipples



Male ISO Tapered Threads

P-ISO Thread Size, in.	Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)
		L	F	B	E	
1/8	SS-HPL-RT2-1.5	1.50 (38.1)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/8	SS-HPL-RT2-2	2.00 (50.8)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/8	SS-HPL-RT2-2.5	2.50 (63.5)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/8	SS-HPL-RT2-3	3.00 (76.2)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	SS-HPL-RT4-2	2.00 (50.8)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/4	SS-HPL-RT4-2.5	2.50 (63.5)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/4	SS-HPL-RT4-3	3.00 (76.2)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/4	SS-HPL-RT4-4	4.00 (101.6)	0.56 (14.3)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	SS-HPL-RT6-2	2.00 (50.8)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
3/8	SS-HPL-RT6-2.5	2.50 (63.5)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
3/8	SS-HPL-RT6-3	3.00 (76.2)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
3/8	SS-HPL-RT6-4	4.00 (101.6)	0.69 (17.5)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	SS-HPL-RT8-3	3.00 (76.2)	0.87 (22.2)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
1/2	SS-HPL-RT8-4	4.00 (101.6)	0.87 (22.2)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
1/2	SS-HPL-RT8-6	6.00 (152.4)	0.87 (22.2)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/4	SS-HPL-RT12-3	3.00 (76.2)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (690)
3/4	SS-HPL-RT12-4	4.00 (101.6)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (690)
3/4	SS-HPL-RT12-6	6.00 (152.4)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (690)
3/4	SS-HPL-RT12-8	8.00 (203.2)	1.06 (27.0)	0.75 (19.1)	0.58 (14.8)	10000 (690)
1	SS-HPL-RT16-3	3.00 (76.2)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (690)
1	SS-HPL-RT16-4	4.00 (101.6)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (690)
1	SS-HPL-RT16-6	6.00 (152.4)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (690)
1	SS-HPL-RT16-8	8.00 (203.2)	1.37 (34.9)	0.94 (23.9)	0.79 (20.0)	10000 (690)

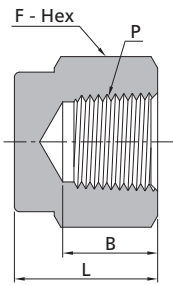
Pipe Caps



Female NPT Threads

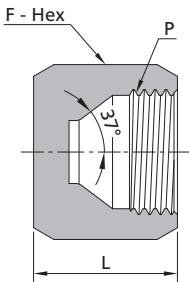
P-NPT Size, in.	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
		L	F	B	
1/8	SS-HPC-FNS2	0.75 (19.1)	0.63 (15.9)	0.41 (10.4)	15000 (1034)
1/4	SS-HPC-FNS4	0.91 (23.1)	0.94 (23.8)	0.59 (15.0)	15000 (1034)
3/8	SS-HPC-FNS6	1.03 (26.2)	1.13 (28.6)	0.59 (15.0)	15000 (1034)
1/2	SS-HPC-FNS8	1.34 (34.0)	1.37 (34.9)	0.78 (19.8)	15000 (1034)
3/4	SS-HPC-FNS12	1.62 (36.6)	1.50 (38.1)	0.81 (20.6)	10000 (690)
1	SS-HPC-FNS16	1.62 (41.1)	44.5 (1.75)	1.00 (25.4)	10000 (690)

Pipe Caps



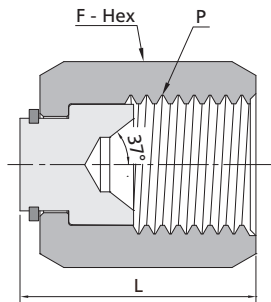
Female ISO Tapered Threads					
P-ISO Thread Size, in.	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
		L	F	B	
1/8	SS-HPC-FRT2	0.75 (19.1)	0.63 (15.9)	0.41 (10.4)	15000 (1034)
1/4	SS-HPC-FRT4	0.91 (23.1)	0.94 (23.8)	0.59 (15.0)	15000 (1034)
3/8	SS-HPC-FRT6	1.03 (26.2)	1.13 (28.6)	0.59 (15.0)	15000 (1034)
1/2	SS-HPC-FRT8	1.34 (34.0)	1.37 (34.9)	0.78 (19.8)	15000 (1034)
3/4	SS-HPC-FRT12	1.62 (36.6)	1.50 (38.1)	0.81 (20.6)	10000 (690)
1	SS-HPC-FRT16	1.62 (41.1)	1.75 (44.5)	1.00 (25.4)	10000 (690)

Pipe Caps



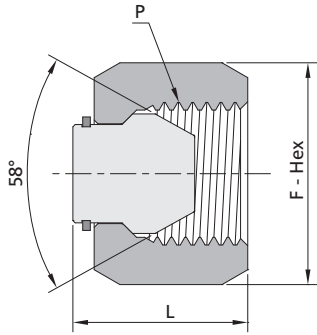
Female JIC				
P-JIC Size, in.	Ordering Number	Dimensions, in. (mm)		Working Pressure psig (bar)
		L	F	
1/4	SS-HPC-JF4	0.63 (16.1)	0.56 (14.3)	20000 (1379)
3/8	SS-HPC-JF6	0.72 (18.3)	0.69 (17.5)	20000 (1379)
1/2	SS-HPC-JF8	0.85 (21.6)	0.87 (22.2)	20000 (1379)
5/8	SS-HPC-JF10	0.98 (24.9)	1.00 (25.4)	20000 (1379)
3/4	SS-HPC-JF12	1.06 (26.8)	1.25 (31.8)	15000 (1034)
1	SS-HPC-JF16	1.18 (30.0)	1.50 (38.1)	15000 (1034)

Pipe Cap Assemblies (Moveable Insert)



Moveable Insert Female JIC				
P-JIC Size, in.	Ordering Number	Dimensions, in. (mm)		Working Pressure psig (bar)
		L	F	
1/4	SS-HMC-JF4	0.70 (17.8)	0.56 (14.3)	20000 (1379)
3/8	SS-HMC-JF6	0.81 (20.5)	0.69 (17.5)	20000 (1379)
1/2	SS-HMC-JF8	0.94 (23.9)	0.87 (22.2)	20000 (1379)
5/8	SS-HMC-JF10	1.07 (27.1)	1.00 (25.4)	20000 (1379)
3/4	SS-HMC-JF12	1.24 (31.6)	1.25 (31.8)	15000 (1034)
1	SS-HMC-JF16	1.29 (32.8)	1.50 (38.1)	15000 (1034)

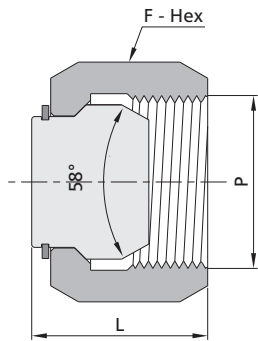
Pipe Cap Assemblies (Moveable Insert)



Moveable Insert Female Type "M"

P-SAE/MS Thread Size, in.	Ordering Number	Dimensions, in. (mm)		Working Pressure psig (bar)
		L	F	
9/16-18	SS-HMC-TM9	0.85 (21.6)	0.69 (17.5)	60000 (4137)
3/4-16	SS-HMC-TM12	0.91 (23.1)	1.00 (25.4)	30000 (2068)
7/8-14	SS-HMC-TM14	1.28 (32.5)	1.19 (30.2)	50000 (3447)
1-12	SS-HMC-TM16	1.25 (31.8)	1.25 (31.8)	30000 (2068)
1 5/16-12	SS-HMC-TM21	1.18 (30.0)	1.50 (38.1)	20000 (1379)

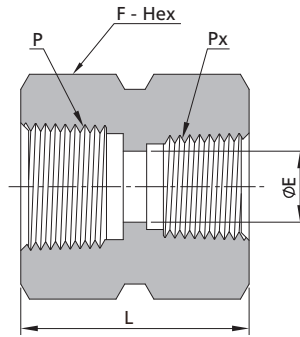
Pipe Cap Assemblies (Moveable Insert)



Moveable Insert/Female ISO Parallel Threads

P-ISO Parallel Thread Size, in.	Ordering Number	Dimensions, in. (mm)		Working Pressure psig (bar)
		L	F	
1/4	SS-HMC-HSBP4	0.70 (17.8)	0.63 (15.9)	20000 (1379)
3/8	SS-HMC-HSBP6	0.78 (19.8)	0.81 (20.6)	20000 (1379)
1/2	SS-HMC-HSBP8	0.94 (23.9)	1.00 (25.4)	20000 (1379)
3/4	SS-HMC-HSBP12	1.06 (26.9)	1.25 (31.8)	20000 (1379)
1	SS-HMC-HSBP16	1.33 (33.8)	1.50 (38.1)	20000 (1379)

Hex Couplings



Female NPT Threads						
P-NPT Size, in.	Px-NPT Size, in.	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
1/8	1/8	SS-HPG-FNS2	0.94 (23.8)	0.63 (15.9)	0.31 (8.0)	15000 (1034)
1/4	1/8	SS-HPG-FNS4-FNS2	1.14 (28.9)	0.94 (23.8)	0.31 (8.0)	15000 (1034)
1/4	1/4	SS-HPG-FNS4	1.32 (33.5)	0.94 (23.8)	0.41 (10.4)	15000 (1034)
3/8	1/8	SS-HPG-FNS6-FNS2	1.14 (28.9)	1.13 (28.6)	0.31 (8.0)	15000 (1034)
3/8	1/4	SS-HPG-FNS6-FNS4	1.32 (33.5)	1.13 (28.6)	0.41 (10.4)	15000 (1034)
3/8	3/8	SS-HPG-FNS6	1.32 (33.5)	1.13 (28.6)	0.54 (13.8)	15000 (1034)
1/2	1/8	SS-HPG-FNS8-FNS2	1.35 (34.2)	1.37 (34.9)	0.31 (8.0)	15000 (1034)
1/2	1/4	SS-HPG-FNS8-FNS4	1.53 (38.8)	1.37 (34.9)	0.41 (10.4)	15000 (1034)
1/2	3/8	SS-HPG-FNS8-FNS6	1.53 (38.8)	1.37 (34.9)	0.54 (13.8)	15000 (1034)
1/2	1/2	SS-HPG-FNS8	1.72 (43.8)	1.37 (34.9)	0.67 (17.0)	15000 (1034)
3/4	1/8	SS-HPG-FNS12-FNS2	1.40 (35.5)	1.50 (38.1)	0.31 (8.0)	10000 (690)
3/4	1/4	SS-HPG-FNS12-FNS4	1.58 (40.1)	1.50 (38.1)	0.41 (10.4)	10000 (690)
3/4	3/8	SS-HPG-FNS12-FNS6	1.58 (40.1)	1.50 (38.1)	0.54 (13.8)	10000 (690)
3/4	1/2	SS-HPG-FNS12-FNS8	1.79 (45.4)	1.50 (38.1)	0.67 (17.0)	10000 (690)
3/4	3/4	SS-HPG-FNS12	1.84 (46.7)	1.50 (38.1)	0.88 (22.3)	10000 (690)
1	1/8	SS-HPG-FNS16-FNS2	1.59 (40.5)	1.75 (44.5)	0.31 (8.0)	10000 (690)
1	1/4	SS-HPG-FNS16-FNS4	1.76 (44.8)	1.75 (44.5)	0.41 (10.4)	10000 (690)
1	3/8	SS-HPG-FNS16-FNS6	1.76 (44.8)	1.75 (44.5)	0.54 (13.8)	10000 (690)
1	1/2	SS-HPG-FNS16-FNS8	1.96 (49.7)	1.75 (44.5)	0.67 (17.0)	10000 (690)
1	3/4	SS-HPG-FNS16-FNS12	2.00 (50.7)	1.75 (44.5)	0.88 (22.3)	10000 (690)
1	1	SS-HPG-FNS16	2.19 (55.5)	1.75 (44.5)	1.11 (28.1)	10000 (690)

Fittings

Tubing

Quick Couplings

Line Filters

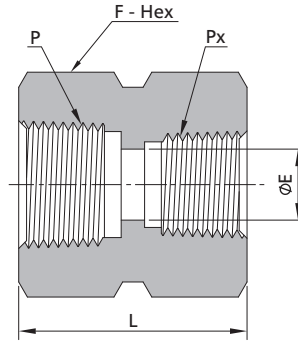
Valves

Sour Service
Products

Subsea Valves

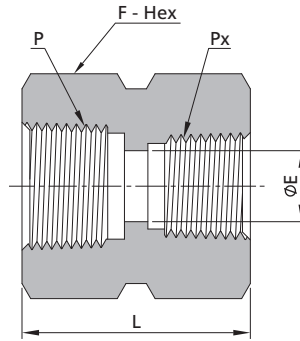
Part Number
Crossover Charts

Hex Couplings



Female NPT Threads				Female ISO Tapered Threads		
P-NPT Size, in.	Px-ISO Thread Size, in.	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
1/8	1/8	SS-HPG-FNS2-FRT2	0.94 (23.8)	0.63 (15.9)	0.31 (8.0)	15000 (1034)
1/4	1/8	SS-HPG-FNS4-FRT2	1.14 (28.9)	0.94 (23.8)	0.31 (8.0)	15000 (1034)
1/4	1/4	SS-HPG-FNS4-FRT4	1.32 (33.5)	0.94 (23.8)	0.41 (10.4)	15000 (1034)
3/8	1/8	SS-HPG-FNS6-FRT2	1.14 (28.9)	1.13 (28.6)	0.31 (8.0)	15000 (1034)
3/8	1/4	SS-HPG-FNS6-FRT4	1.32 (33.5)	1.13 (28.6)	0.41 (10.4)	15000 (1034)
3/8	3/8	SS-HPG-FNS6-FRT6	1.32 (33.5)	1.13 (28.6)	0.54 (13.8)	15000 (1034)
1/2	1/8	SS-HPG-FNS8-FRT2	1.35 (34.2)	1.37 (34.9)	0.31 (8.0)	15000 (1034)
1/2	1/4	SS-HPG-FNS8-FRT4	1.53 (38.8)	1.37 (34.9)	0.41 (10.4)	15000 (1034)
1/2	3/8	SS-HPG-FNS8-FRT6	1.53 (38.8)	1.37 (34.9)	0.54 (13.8)	15000 (1034)
1/2	1/2	SS-HPG-FNS8-FRT8	1.72 (43.8)	1.37 (34.9)	0.67 (17.0)	15000 (1034)
3/4	1/8	SS-HPG-FNS12-FRT2	1.40 (35.5)	1.50 (38.1)	0.31 (8.0)	10000 (690)
3/4	1/4	SS-HPG-FNS12-FRT4	1.58 (40.1)	1.50 (38.1)	0.41 (10.4)	10000 (690)
3/4	3/8	SS-HPG-FNS12-FRT6	1.58 (40.1)	1.50 (38.1)	0.54 (13.8)	10000 (690)
3/4	1/2	SS-HPG-FNS12-FRT8	1.79 (45.4)	1.50 (38.1)	0.69 (17.4)	10000 (690)
3/4	3/4	SS-HPG-FNS12-FRT12	1.84 (46.7)	1.50 (38.1)	0.88 (22.3)	10000 (690)
1	1/8	SS-HPG-FNS16-FRT2	1.59 (40.5)	1.75 (44.5)	0.31 (8.0)	10000 (690)
1	1/4	SS-HPG-FNS16-FRT4	1.76 (44.8)	1.75 (44.5)	0.41 (10.4)	10000 (690)
1	3/8	SS-HPG-FNS16-FRT6	1.76 (44.8)	1.75 (44.5)	0.54 (13.8)	10000 (690)
1	1/2	SS-HPG-FNS16-FRT8	1.96 (49.7)	1.75 (44.5)	0.69 (17.4)	10000 (690)
1	3/4	SS-HPG-FNS16-FRT12	2.00 (50.7)	1.75 (44.5)	0.90 (22.8)	10000 (690)
1	1	SS-HPG-FNS16-FRT16	2.19 (55.5)	1.75 (44.5)	1.11 (28.1)	10000 (690)

Hex Couplings



Female ISO Tapered Threads						
P-ISO Thread Size, in.	Px-ISO Thread Size, in.	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
1/8	1/8	SS-HPG-FRT2	0.94 (23.8)	0.63 (15.9)	0.31 (8.0)	15000 (1034)
1/4	1/8	SS-HPG-FRT4-FRT2	1.14 (28.9)	0.94 (23.8)	0.31 (8.0)	15000 (1034)
1/4	1/4	SS-HPG-FRT4	1.32 (33.5)	0.94 (23.8)	0.41 (10.4)	15000 (1034)
3/8	1/8	SS-HPG-FRT6-FRT2	1.14 (28.9)	1.13 (28.6)	0.31 (8.0)	15000 (1034)
3/8	1/4	SS-HPG-FRT6-FRT4	1.32 (33.5)	1.13 (28.6)	0.41 (10.4)	15000 (1034)
3/8	3/8	SS-HPG-FRT6	1.32 (33.5)	1.13 (28.6)	0.54 (13.8)	15000 (1034)
1/2	1/8	SS-HPG-FRT8-FRT2	1.35 (34.2)	1.37 (34.9)	0.31 (8.0)	15000 (1034)
1/2	1/4	SS-HPG-FRT8-FRT4	1.53 (38.8)	1.37 (34.9)	0.41 (10.4)	15000 (1034)
1/2	3/8	SS-HPG-FRT8-FRT6	1.53 (38.8)	1.37 (34.9)	0.54 (13.8)	15000 (1034)
1/2	1/2	SS-HPG-FRT8	1.72 (43.8)	1.37 (34.9)	0.69 (17.4)	15000 (1034)
3/4	1/8	SS-HPG-FRT12-FRT2	1.40 (35.5)	1.50 (38.1)	0.31 (8.0)	10000 (690)
3/4	1/4	SS-HPG-FRT12-FRT4	1.58 (40.1)	1.50 (38.1)	0.41 (10.4)	10000 (690)
3/4	3/8	SS-HPG-FRT12-FRT6	1.58 (40.1)	1.50 (38.1)	0.54 (13.8)	10000 (690)
3/4	1/2	SS-HPG-FRT12-FRT8	1.79 (45.4)	1.50 (38.1)	0.69 (17.4)	10000 (690)
3/4	3/4	SS-HPG-FRT12	1.84 (46.7)	1.50 (38.1)	0.90 (22.8)	10000 (690)
1	1/8	SS-HPG-FRT16-FRT2	1.59 (40.5)	1.75 (44.5)	0.31 (8.0)	10000 (690)
1	1/4	SS-HPG-FRT16-FRT4	1.76 (44.8)	1.75 (44.5)	0.41 (10.4)	10000 (690)
1	3/8	SS-HPG-FRT16-FRT6	1.76 (44.8)	1.75 (44.5)	0.54 (13.8)	10000 (690)
1	1/2	SS-HPG-FRT16-FRT8	1.96 (49.7)	1.75 (44.5)	0.69 (17.4)	10000 (690)
1	3/4	SS-HPG-FRT16-FRT12	2.00 (50.7)	1.75 (44.5)	0.90 (22.8)	10000 (690)
1	1	SS-HPG-FRT16	2.19 (55.5)	1.75 (44.5)	1.13 (28.7)	10000 (690)

Fittings

Tubing

Quick Couplings

Line Filters

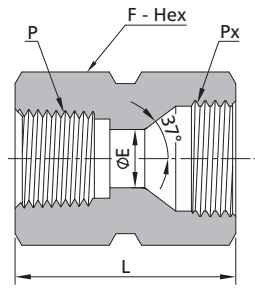
Valves

Sour Service
Products

Subsea Valves

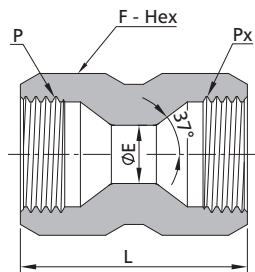
Part Number
Crossover Charts

Hex Couplings

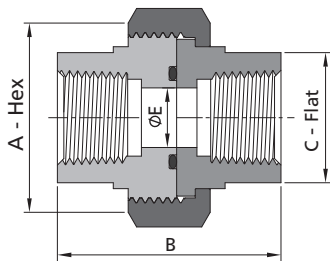


Female NPT Threads			Female JIC			
P-NPT Size, in.	Px-JIC Size, in.	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
1/8	1/4	SS-HPG-FNS2-JF4	1.12 (28.4)	0.63 (15.9)	0.17 (4.3)	15000 (1034)
1/4	1/4	SS-HPG-FNS4-JF4	1.33 (33.7)	0.94 (23.8)	0.17 (4.3)	15000 (1034)
1/4	3/8	SS-HPG-FNS4-JF6	1.36 (34.5)	0.94 (23.8)	0.30 (7.5)	15000 (1034)
3/8	1/4	SS-HPG-FNS6-JF4	1.33 (33.7)	1.13 (28.6)	0.17 (4.3)	15000 (1034)
3/8	3/8	SS-HPG-FNS6-JF6	1.36 (34.5)	1.13 (28.6)	0.30 (7.5)	15000 (1034)
3/8	1/2	SS-HPG-FNS6-JF8	1.44 (36.5)	1.13 (28.6)	0.39 (9.9)	15000 (1034)
1/2	3/8	SS-HPG-FNS8-JF6	1.56 (39.7)	1.37 (34.9)	0.30 (7.5)	15000 (1034)
1/2	1/2	SS-HPG-FNS8-JF8	1.64 (41.7)	1.37 (34.9)	0.39 (9.9)	15000 (1034)
1/2	5/8	SS-HPG-FNS8-JF10	1.74 (44.1)	1.37 (34.9)	0.48 (12.3)	15000 (1034)

Hex Couplings



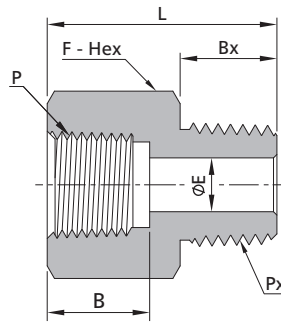
Female JIC						
P-JIC Size, in.	Px-JIC Size, in.	Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)
			L	F	E	
1/4	1/4	SS-HPG-JF4	1.24 (31.5)	0.56 (14.3)	0.17 (4.3)	20000 (1379)
3/8	1/4	SS-HPG-JF6-JF4	1.27 (32.3)	0.69 (17.5)	0.17 (4.3)	20000 (1379)
3/8	3/8	SS-HPG-JF6	1.33 (33.8)	0.69 (17.5)	0.30 (7.5)	20000 (1379)
1/2	3/8	SS-HPG-JF8-JF6	1.39 (35.4)	0.87 (22.2)	0.30 (7.5)	20000 (1379)
1/2	1/2	SS-HPG-JF8	1.48 (37.6)	0.87 (22.2)	0.39 (9.9)	20000 (1379)
5/8	1/2	SS-HPG-JF10-JF8	1.57 (40.0)	1.00 (25.4)	0.39 (9.9)	20000 (1379)
5/8	5/8	SS-HPG-JF10	1.68 (42.6)	1.00 (25.4)	0.48 (12.3)	20000 (1379)
3/4	5/8	SS-HPG-JF12-JF10	1.74 (44.1)	1.37 (34.8)	0.48 (12.3)	15000 (1034)
3/4	3/4	SS-HPG-JF12	1.80 (45.8)	1.25 (31.8)	0.61 (15.5)	15000 (1034)
1	3/4	SS-HPG-JF16-JF12	1.89 (48.1)	1.50 (38.1)	0.61 (15.5)	15000 (1034)
1	1	SS-HPG-JF16	1.97 (50.1)	1.50 (38.1)	0.84 (21.4)	15000 (1034)

Zero-Clearance Unions^①

Female NPT Threads						
P-NPT Size, in.	Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)
		A	B	C	E	
1/8	SS-HPZ-FNS2	1.06 (27.0)	1.75 (44.5)	0.62 (15.8)	0.31 (8.0)	15000 (1034)
1/4	SS-HPZ-FNS4	1.50 (38.1)	2.00 (50.8)	0.94 (23.8)	0.41 (10.4)	15000 (1034)
3/8	SS-HPZ-FNS6	1.75 (44.5)	2.25 (57.2)	1.12 (28.5)	0.54 (13.8)	15000 (1034)
1/2	SS-HPZ-FNS8	2.00 (50.8)	2.50 (63.5)	1.37 (34.9)	0.67 (17.0)	15000 (1034)
3/4	SS-HPZ-FNS12	2.25 (57.2)	2.75 (69.9)	1.50 (38.1)	0.88 (22.3)	10000 (690)

① Working temperature range with FKM O-rings: 0°F to 400°F (-17.8°C to 204°C), other materials of O-rings available.

Adapters



Female NPT Threads			Male NPT Threads					
P-NPT Size, in.	Px-NPT Size, in.	Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)
			L	F	B	Bx	E	
1/8	1/8	SS-HPA-FNS2-NS2	0.96 (24.5)	0.63 (15.9)	0.41 (10.4)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/8	1/4	SS-HPA-FNS2-NS4	1.13 (28.8)	0.63 (15.9)	0.41 (10.4)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/8	3/8	SS-HPA-FNS2-NS6	1.14 (29.0)	0.69 (17.5)	0.41 (10.4)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/8	1/2	SS-HPA-FNS2-NS8	1.08 (27.4)	0.87 (22.2)	0.41 (10.4)	0.75 (19.1)	0.31 (8.0)	15000 (1034)
1/8	3/4	SS-HPA-FNS2-NS12	1.08 (27.4)	1.06 (27.0)	0.41 (10.4)	0.75 (19.1)	0.31 (8.0)	10000 (690)
1/4	1/8	SS-HPA-FNS4-NS2	1.25 (31.8)	0.94 (23.8)	0.59 (15.0)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	1/4	SS-HPA-FNS4-NS4	1.37 (34.9)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/4	3/8	SS-HPA-FNS4-NS6	1.37 (34.9)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/4	1/2	SS-HPA-FNS4-NS8	1.58 (40.1)	0.94 (23.8)	0.59 (15.0)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
1/4	3/4	SS-HPA-FNS4-NS12	1.34 (34.1)	1.06 (27.0)	0.59 (15.0)	0.75 (19.1)	0.41 (10.4)	10000 (690)
1/4	1	SS-HPA-FNS4-NS16	1.62 (41.1)	1.37 (34.9)	0.59 (15.0)	0.94 (23.9)	0.41 (10.4)	10000 (690)
3/8	1/4	SS-HPA-FNS6-NS4	1.42 (36.0)	1.13 (28.6)	0.59 (15.0)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	3/8	SS-HPA-FNS6-NS6	1.42 (36.0)	1.13 (28.6)	0.59 (15.0)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
3/8	1/2	SS-HPA-FNS6-NS8	1.61 (41.0)	1.13 (28.6)	0.59 (15.0)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/8	3/4	SS-HPA-FNS6-NS12	1.61 (41.0)	1.06 (27.0)	0.59 (15.0)	0.75 (19.1)	0.54 (13.8)	10000 (690)
3/8	1	SS-HPA-FNS6-NS16	1.47 (37.3)	1.37 (34.9)	0.59 (15.0)	0.94 (23.9)	0.54 (13.8)	10000 (690)
1/2	1/4	SS-HPA-FNS8-NS4	1.72 (43.1)	1.37 (34.9)	0.78 (19.8)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/2	3/8	SS-HPA-FNS8-NS6	1.72 (43.1)	1.37 (34.9)	0.78 (19.8)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	1/2	SS-HPA-FNS8-NS8	1.89 (48.0)	1.37 (34.9)	0.78 (19.8)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
1/2	3/4	SS-HPA-FNS8-NS12	1.89 (48.0)	1.37 (34.9)	0.78 (19.8)	0.75 (19.1)	0.58 (14.8)	10000 (690)
1/2	1	SS-HPA-FNS8-NS16	2.08 (52.8)	1.37 (34.9)	0.78 (19.8)	0.94 (23.9)	0.67 (17.0)	10000 (690)
3/4	1/2	SS-HPA-FNS12-NS8	1.89 (48.1)	1.50 (38.1)	0.81 (20.6)	0.75 (19.1)	0.47 (11.9)	10000 (690)
3/4	3/4	SS-HPA-FNS12-NS12	1.89 (48.1)	1.50 (38.1)	0.81 (20.6)	0.75 (19.1)	0.58 (14.8)	10000 (690)
3/4	1	SS-HPA-FNS12-NS16	2.08 (52.9)	1.50 (38.1)	0.81 (20.6)	0.94 (23.9)	0.79 (20.0)	10000 (690)
1	1/2	SS-HPA-FNS16-NS8	2.10 (53.3)	1.75 (44.5)	1.00 (25.4)	0.75 (19.1)	0.47 (11.9)	10000 (690)
1	3/4	SS-HPA-FNS16-NS12	2.10 (53.3)	1.75 (44.5)	1.00 (25.4)	0.75 (19.1)	0.58 (14.8)	10000 (690)
1	1	SS-HPA-FNS16-NS16	2.29 (58.1)	1.75 (44.5)	1.00 (25.4)	0.94 (23.9)	0.79 (20.0)	10000 (690)

Fittings

Tubing

Quick Couplings

Line Filters

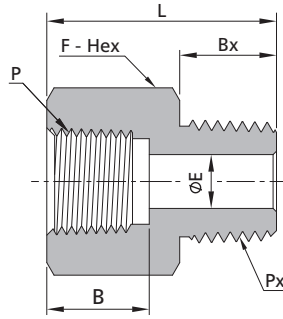
Valves

Sour Service
Products

Subsea Valves

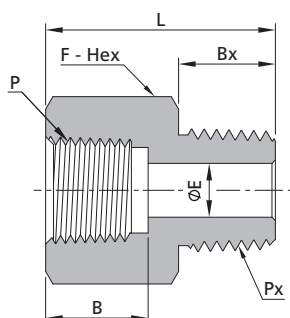
Part Number
Crossover Charts

Adapters



Female NPT Threads			Male ISO Tapered Threads					
P-NPT Size, in.	Px-ISO Thread Size, in.	Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)
			L	F	B	Bx	E	
1/8	1/8	SS-HPA-FNS2-RT2	0.96 (24.5)	0.63 (15.9)	0.41 (10.4)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/8	1/4	SS-HPA-FNS2-RT4	1.13 (28.8)	0.63 (15.9)	0.41 (10.4)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/8	3/8	SS-HPA-FNS2-RT6	1.14 (29.0)	0.69 (17.5)	0.41 (10.4)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/8	1/2	SS-HPA-FNS2-RT8	1.08 (27.4)	0.87 (22.2)	0.41 (10.4)	0.75 (19.1)	0.31 (8.0)	15000 (1034)
1/8	3/4	SS-HPA-FNS2-RT12	1.08 (27.4)	1.06 (27.0)	0.41 (10.4)	0.75 (19.1)	0.31 (8.0)	10000 (690)
1/4	1/8	SS-HPA-FNS4-RT2	1.25 (31.8)	0.94 (23.8)	0.59 (15.0)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	1/4	SS-HPA-FNS4-RT4	1.37 (34.9)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/4	3/8	SS-HPA-FNS4-RT6	1.37 (34.9)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/4	1/2	SS-HPA-FNS4-RT8	1.58 (40.1)	0.94 (23.8)	0.59 (15.0)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
1/4	3/4	SS-HPA-FNS4-RT12	1.34 (34.1)	1.06 (27.0)	0.59 (15.0)	0.75 (19.1)	0.41 (10.4)	10000 (690)
1/4	1	SS-HPA-FNS4-RT16	1.62 (41.1)	1.37 (34.9)	0.59 (15.0)	0.94 (23.9)	0.41 (10.4)	10000 (690)
3/8	1/4	SS-HPA-FNS6-RT4	1.42 (36.0)	1.13 (28.6)	0.59 (15.0)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	3/8	SS-HPA-FNS6-RT6	1.42 (36.0)	1.13 (28.6)	0.59 (15.0)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
3/8	1/2	SS-HPA-FNS6-RT8	1.61 (41.0)	1.13 (28.6)	0.59 (15.0)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/8	3/4	SS-HPA-FNS6-RT12	1.61 (41.0)	1.06 (27.0)	0.59 (15.0)	0.75 (19.1)	0.54 (13.8)	10000 (690)
3/8	1	SS-HPA-FNS6-RT16	1.47 (37.3)	1.37 (34.9)	0.59 (15.0)	0.94 (23.9)	0.54 (13.8)	10000 (690)
1/2	1/4	SS-HPA-FNS8-RT4	1.72 (43.1)	1.37 (34.9)	0.78 (19.8)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/2	3/8	SS-HPA-FNS8-RT6	1.72 (43.1)	1.37 (34.9)	0.78 (19.8)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	1/2	SS-HPA-FNS8-RT8	1.89 (48.0)	1.37 (34.9)	0.78 (19.8)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
1/2	3/4	SS-HPA-FNS8-RT12	1.89 (48.0)	1.37 (34.9)	0.78 (19.8)	0.75 (19.1)	0.58 (14.8)	10000 (690)
1/2	1	SS-HPA-FNS8-RT16	2.08 (52.8)	1.37 (34.9)	0.78 (19.8)	0.94 (23.9)	0.67 (17.0)	10000 (690)
3/4	1/2	SS-HPA-FNS12-RT8	1.89 (48.1)	1.50 (38.1)	0.81 (20.6)	0.75 (19.1)	0.47 (11.9)	10000 (690)
3/4	3/4	SS-HPA-FNS12-RT12	1.89 (48.1)	1.50 (38.1)	0.81 (20.6)	0.75 (19.1)	0.58 (14.8)	10000 (690)
3/4	1	SS-HPA-FNS12-RT16	2.08 (52.9)	1.50 (38.1)	0.81 (20.6)	0.94 (23.9)	0.79 (20.0)	10000 (690)
1	1/2	SS-HPA-FNS16-RT8	2.10 (53.3)	1.75 (44.5)	1.00 (25.4)	0.75 (19.1)	0.47 (11.9)	10000 (690)
1	3/4	SS-HPA-FNS16-RT12	2.10 (53.3)	1.75 (44.5)	1.00 (25.4)	0.75 (19.1)	0.58 (14.8)	10000 (690)
1	1	SS-HPA-FNS16-RT16	2.29 (58.1)	1.75 (44.5)	1.00 (25.4)	0.94 (23.9)	0.79 (20.0)	10000 (690)

Adapters



Female ISO Tapered Threads			Male ISO Tapered Threads					
P-ISO Thread Size, in.	Px-ISO Thread Size, in.	Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)
			L	F	B	Bx	E	
1/8	1/8	SS-HPA-FRT2-RT2	0.96 (24.5)	0.63 (15.9)	0.41 (10.4)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/8	1/4	SS-HPA-FRT2-RT4	1.13 (28.8)	0.63 (15.9)	0.41 (10.4)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/8	3/8	SS-HPA-FRT2-RT6	1.14 (29.0)	0.69 (17.5)	0.41 (10.4)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/8	1/2	SS-HPA-FRT2-RT8	1.08 (27.4)	0.87 (22.2)	0.41 (10.4)	0.75 (19.1)	0.31 (8.0)	15000 (1034)
1/8	3/4	SS-HPA-FRT2-RT12	1.08 (27.4)	1.06 (27.0)	0.41 (10.4)	0.75 (19.1)	0.31 (8.0)	10000 (690)
1/4	1/8	SS-HPA-FRT4-RT2	1.25 (31.8)	0.94 (23.8)	0.59 (15.0)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	1/4	SS-HPA-FRT4-RT4	1.37 (34.9)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/4	3/8	SS-HPA-FRT4-RT6	1.37 (34.9)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/4	1/2	SS-HPA-FRT4-RT8	1.58 (40.1)	0.94 (23.8)	0.59 (15.0)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
1/4	3/4	SS-HPA-FRT4-RT12	1.34 (34.1)	1.06 (27.0)	0.59 (15.0)	0.75 (19.1)	0.41 (10.4)	10000 (690)
1/4	1	SS-HPA-FRT4-RT16	1.62 (41.1)	1.37 (34.9)	0.59 (15.0)	0.94 (23.9)	0.41 (10.4)	10000 (690)
3/8	1/4	SS-HPA-FRT6-RT4	1.42 (36.0)	1.13 (28.6)	0.59 (15.0)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	3/8	SS-HPA-FRT6-RT6	1.42 (36.0)	1.13 (28.6)	0.59 (15.0)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
3/8	1/2	SS-HPA-FRT6-RT8	1.61 (41.0)	1.13 (28.6)	0.59 (15.0)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/8	3/4	SS-HPA-FRT6-RT12	1.61 (41.0)	1.06 (27.0)	0.59 (15.0)	0.75 (19.1)	0.54 (13.8)	10000 (690)
3/8	1	SS-HPA-FRT6-RT16	1.47 (37.3)	1.37 (34.9)	0.59 (15.0)	0.94 (23.9)	0.54 (13.8)	10000 (690)
1/2	1/4	SS-HPA-FRT8-RT4	1.72 (43.1)	1.37 (34.9)	0.78 (19.8)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/2	3/8	SS-HPA-FRT8-RT6	1.72 (43.1)	1.37 (34.9)	0.78 (19.8)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	1/2	SS-HPA-FRT8-RT8	1.89 (48.0)	1.37 (34.9)	0.78 (19.8)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
1/2	3/4	SS-HPA-FRT8-RT12	1.89 (48.0)	1.37 (34.9)	0.78 (19.8)	0.75 (19.1)	0.58 (14.8)	10000 (690)
1/2	1	SS-HPA-FRT8-RT16	2.08 (52.8)	1.37 (34.9)	0.78 (19.8)	0.94 (23.9)	0.69 (17.4)	10000 (690)
3/4	1/2	SS-HPA-FRT12-RT8	1.89 (48.1)	1.50 (38.1)	0.81 (20.6)	0.75 (19.1)	0.47 (11.9)	10000 (690)
3/4	3/4	SS-HPA-FRT12-RT12	1.89 (48.1)	1.50 (38.1)	0.81 (20.6)	0.75 (19.1)	0.58 (14.8)	10000 (690)
3/4	1	SS-HPA-FRT12-RT16	2.08 (52.9)	1.50 (38.1)	0.81 (20.6)	0.94 (23.9)	0.79 (20.0)	10000 (690)
1	1/2	SS-HPA-FRT16-RT8	2.10 (53.3)	1.75 (44.5)	1.00 (25.4)	0.75 (19.1)	0.47 (11.9)	10000 (690)
1	3/4	SS-HPA-FRT16-RT12	2.10 (53.3)	1.75 (44.5)	1.00 (25.4)	0.75 (19.1)	0.58 (14.8)	10000 (690)
1	1	SS-HPA-FRT16-RT16	2.29 (58.1)	1.75 (44.5)	1.00 (25.4)	0.94 (23.9)	0.79 (20.0)	10000 (690)

Fittings

Tubing

Quick Couplings

Line Filters

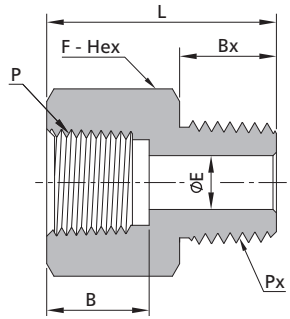
Valves

Sour Service
Products

Subsea Valves

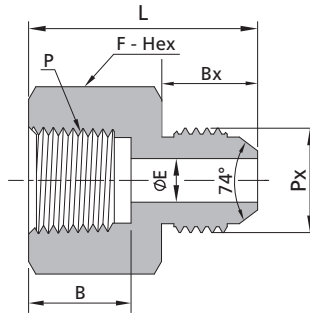
Part Number
Crossover Charts

Adapters

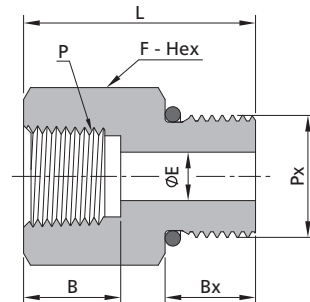


Female ISO Tapered Threads								Male NPT Threads
P-ISO Thread Size, in.	Px-NPT Size, in.	Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)
			L	F	B	Bx	E	
1/8	1/8	SS-HPA-FRT2-NS2	0.96 (24.5)	0.63 (15.9)	0.41 (10.4)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/8	1/4	SS-HPA-FRT2-NS4	1.13 (28.8)	0.63 (15.9)	0.41 (10.4)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/8	3/8	SS-HPA-FRT2-NS6	1.14 (29.0)	0.69 (17.5)	0.41 (10.4)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/8	1/2	SS-HPA-FRT2-NS8	1.08 (27.4)	0.87 (22.2)	0.41 (10.4)	0.75 (19.1)	0.31 (8.0)	15000 (1034)
1/8	3/4	SS-HPA-FRT2-NS12	1.08 (27.4)	1.06 (27.0)	0.41 (10.4)	0.75 (19.1)	0.31 (8.0)	10000 (690)
1/4	1/8	SS-HPA-FRT4-NS2	1.25 (31.8)	0.94 (23.8)	0.59 (15.0)	0.38 (9.7)	0.19 (4.8)	15000 (1034)
1/4	1/4	SS-HPA-FRT4-NS4	1.37 (34.9)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/4	3/8	SS-HPA-FRT4-NS6	1.37 (34.9)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/4	1/2	SS-HPA-FRT4-NS8	1.58 (40.1)	0.94 (23.8)	0.59 (15.0)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
1/4	3/4	SS-HPA-FRT4-NS12	1.34 (34.1)	1.06 (27.0)	0.59 (15.0)	0.75 (19.1)	0.41 (10.4)	10000 (690)
1/4	1	SS-HPA-FRT4-NS16	1.62 (41.1)	1.37 (34.9)	0.59 (15.0)	0.94 (23.9)	0.41 (10.4)	10000 (690)
3/8	1/4	SS-HPA-FRT6-NS4	1.42 (36.0)	1.13 (28.6)	0.59 (15.0)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
3/8	3/8	SS-HPA-FRT6-NS6	1.42 (36.0)	1.13 (28.6)	0.59 (15.0)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
3/8	1/2	SS-HPA-FRT6-NS8	1.61 (41.0)	1.13 (28.6)	0.59 (15.0)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
3/8	3/4	SS-HPA-FRT6-NS12	1.61 (41.0)	1.06 (27.0)	0.59 (15.0)	0.75 (19.1)	0.54 (13.8)	10000 (690)
3/8	1	SS-HPA-FRT6-NS16	1.47 (37.3)	1.37 (34.9)	0.59 (15.0)	0.94 (23.9)	0.54 (13.8)	10000 (690)
1/2	1/4	SS-HPA-FRT8-NS4	1.72 (43.1)	1.37 (34.9)	0.78 (19.8)	0.56 (14.2)	0.25 (6.4)	15000 (1034)
1/2	3/8	SS-HPA-FRT8-NS6	1.72 (43.1)	1.37 (34.9)	0.78 (19.8)	0.56 (14.2)	0.31 (7.9)	15000 (1034)
1/2	1/2	SS-HPA-FRT8-NS8	1.89 (48.0)	1.37 (34.9)	0.78 (19.8)	0.75 (19.1)	0.38 (9.6)	15000 (1034)
1/2	3/4	SS-HPA-FRT8-NS12	1.89 (48.0)	1.37 (34.9)	0.78 (19.8)	0.75 (19.1)	0.58 (14.8)	10000 (690)
1/2	1	SS-HPA-FRT8-NS16	2.08 (52.8)	1.37 (34.9)	0.78 (19.8)	0.94 (23.9)	0.69 (17.4)	10000 (690)
3/4	1/2	SS-HPA-FRT12-NS8	1.89 (48.1)	1.50 (38.1)	0.81 (20.6)	0.75 (19.1)	0.47 (11.9)	10000 (690)
3/4	3/4	SS-HPA-FRT12-NS12	1.89 (48.1)	1.50 (38.1)	0.81 (20.6)	0.75 (19.1)	0.58 (14.8)	10000 (690)
3/4	1	SS-HPA-FRT12-NS16	2.08 (52.9)	1.50 (38.1)	0.81 (20.6)	0.94 (23.9)	0.79 (20.0)	10000 (690)
1	1/2	SS-HPA-FRT16-NS8	2.10 (53.3)	1.75 (44.5)	1.00 (25.4)	0.75 (19.1)	0.47 (11.9)	10000 (690)
1	3/4	SS-HPA-FRT16-NS12	2.10 (53.3)	1.75 (44.5)	1.00 (25.4)	0.75 (19.1)	0.58 (14.8)	10000 (690)
1	1	SS-HPA-FRT16-NS16	2.29 (58.1)	1.75 (44.5)	1.00 (25.4)	0.94 (23.9)	0.79 (20.0)	10000 (690)

Adapters



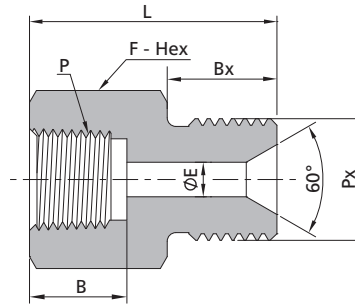
Female NPT Threads			Dimensions, in. (mm)					Male JIC
P-NPT Size, in.	Px-JIC Size, in.	Ordering Number	L	F	B	Bx	E	Working Pressure psig (bar)
1/8	1/4	SS-HPA-FNS2-JM4	1.09 (27.8)	0.63 (15.9)	0.41 (10.4)	0.55 (14.0)	0.17 (4.4)	15000 (1034)
1/4	1/4	SS-HPA-FNS4-JM4	1.37 (34.9)	0.94 (23.8)	0.59 (15.0)	0.55 (14.0)	0.17 (4.4)	15000 (1034)
1/4	3/8	SS-HPA-FNS4-JM6	1.32 (33.5)	0.94 (23.8)	0.59 (15.0)	0.56 (14.1)	0.23 (5.8)	15000 (1034)
3/8	3/8	SS-HPA-FNS6-JM6	1.37 (34.8)	1.13 (28.6)	0.59 (15.0)	0.56 (14.1)	0.23 (5.8)	15000 (1034)
3/8	1/2	SS-HPA-FNS6-JM8	1.47 (37.4)	1.13 (28.6)	0.59 (15.0)	0.66 (16.7)	0.31 (8.0)	15000 (1034)
1/2	1/2	SS-HPA-FNS8-JM8	1.72 (43.6)	1.37 (34.9)	0.78 (19.8)	0.66 (16.7)	0.31 (8.0)	15000 (1034)
1/2	5/8	SS-HPA-FNS8-JM10	1.82 (46.2)	1.37 (34.9)	0.78 (19.8)	0.76 (19.3)	0.41 (10.4)	15000 (1034)
1/2	3/4	SS-HPA-FNS8-JM12	1.92 (48.8)	1.37 (34.9)	0.78 (19.8)	0.86 (21.9)	0.46 (11.6)	15000 (1034)
3/4	3/4	SS-HPA-FNS12-JM12	1.89 (47.9)	1.50 (38.1)	0.81 (20.6)	0.86 (21.9)	0.61 (15.5)	10000 (690)
1	1	SS-HPA-FNS16-JM16	2.18 (55.3)	1.75 (44.5)	1.00 (25.4)	0.91 (23.1)	0.84 (21.4)	10000 (690)

Adapters^①

Female NPT Threads			Dimensions, in. (mm)					Male SAE O-Ring
P-NPT Size, in.	Px-SAE/MS Thread Size, in.	Ordering Number	L	F	B	Bx	E	Working Pressure psig (bar)
1/4	7/16-20	SS-HPA-FNS4-SH7	1.20 (30.5)	0.75 (19.1)	0.59 (15.0)	0.43 (11.0)	0.18 (4.5)	10000 (690)
3/8	9/16-18	SS-HPA-FNS6-SH9	1.29 (32.7)	0.94 (23.8)	0.59 (15.0)	0.47 (12.0)	0.30 (7.5)	10000 (690)
1/2	3/4-16	SS-HPA-FNS8-SH12	1.61 (40.9)	1.19 (30.2)	0.78 (19.8)	0.55 (14.0)	0.39 (10.0)	10000 (690)
3/4	7/8-14	SS-HPA-FNS12-SH14	1.67 (42.5)	1.50 (38.1)	0.81 (20.6)	0.63 (16.0)	0.49 (12.5)	10000 (690)

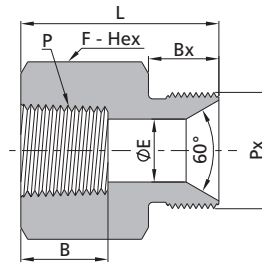
① Male SAE O-ring Ends are supplied with a FKM O-ring as standard, other materials of O-rings available.

Adapters

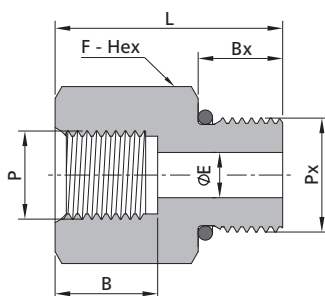


Female NPT Threads			Male Type "M"					
P-NPT Size, in.	Px-SAE/MS Thread Size, in.	Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)
			L	F	B	Bx	E	
1/8	9/16-18	SS-HPA-FNS2-TM9	1.13 (28.6)	0.63 (15.9)	0.41 (10.4)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
1/4	9/16-18	SS-HPA-FNS4-TM9	1.37 (34.9)	0.94 (23.8)	0.59 (15.0)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
1/4	3/4-16	SS-HPA-FNS4-TM12	1.50 (38.1)	0.94 (23.8)	0.59 (15.0)	0.63 (16.0)	0.29 (7.4)	15000 (1034)
3/8	9/16-18	SS-HPA-FNS6-TM9	1.44 (36.5)	1.13 (28.6)	0.59 (15.0)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
3/8	3/4-16	SS-HPA-FNS6-TM12	1.56 (39.7)	1.13 (28.6)	0.59 (15.0)	0.63 (16.0)	0.29 (7.4)	15000 (1034)
1/2	9/16-18	SS-HPA-FNS8-TM9	1.63 (41.3)	1.37 (34.9)	0.78 (19.8)	0.50 (12.7)	0.09 (2.4)	15000 (1034)
1/2	3/4-16	SS-HPA-FNS8-TM12	1.75 (44.4)	1.37 (34.9)	0.78 (19.8)	0.63 (16.0)	0.29 (7.4)	15000 (1034)
1/2	7/8-14	SS-HPA-FNS8-TM14	1.87 (47.6)	1.37 (34.9)	0.78 (19.8)	0.76 (19.2)	0.15 (3.8)	15000 (1034)
3/4	1-12	SS-HPA-FNS12-TM16	1.87 (47.6)	1.50 (38.1)	0.81 (20.6)	0.64 (16.3)	0.39 (10.0)	10000 (690)
1	1 5/16-12	SS-HPA-FNS16-TM21	2.06 (52.4)	1.75 (44.5)	1.00 (25.4)	0.62 (15.7)	0.69 (17.5)	10000 (690)

Adapters



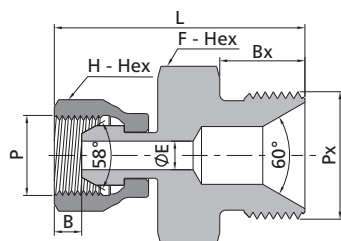
Female NPT Threads			Male ISO Parallel Threads					
P-NPT Size, in.	Px-ISO Parallel Thread Size, in.	Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)
			L	F	B	Bx	E	
1/8	1/4	SS-HPA-FNS2-HBP4	1.07 (27.1)	0.63 (15.9)	0.41 (10.4)	0.43 (11.0)	0.15 (3.8)	15000 (1034)
1/4	1/4	SS-HPA-FNS4-HBP4	1.25 (31.7)	0.94 (23.8)	0.59 (15.0)	0.43 (11.0)	0.15 (3.8)	15000 (1034)
1/4	3/8	SS-HPA-FNS4-HBP6	1.29 (32.7)	0.94 (23.8)	0.59 (15.0)	0.47 (12.0)	0.25 (6.4)	15000 (1034)
1/4	1/2	SS-HPA-FNS4-HBP8	1.32 (33.5)	1.00 (25.4)	0.59 (15.0)	0.55 (14.0)	0.37 (9.5)	15000 (1034)
3/8	1/4	SS-HPA-FNS6-HBP4	1.31 (33.2)	1.13 (28.6)	0.59 (15.0)	0.43 (11.0)	0.15 (3.8)	15000 (1034)
3/8	3/8	SS-HPA-FNS6-HBP6	1.31 (33.4)	1.13 (28.6)	0.59 (15.0)	0.47 (12.0)	0.25 (6.4)	15000 (1034)
3/8	1/2	SS-HPA-FNS6-HBP8	1.43 (36.2)	1.13 (28.6)	0.59 (15.0)	0.55 (14.0)	0.37 (9.5)	15000 (1034)
1/2	1/2	SS-HPA-FNS8-HBP8	1.69 (43.0)	1.37 (34.9)	0.78 (19.8)	0.55 (14.0)	0.37 (9.5)	15000 (1034)
1/2	3/4	SS-HPA-FNS8-HBP12	1.77 (45.0)	1.37 (34.9)	0.78 (19.8)	0.63 (16.0)	0.50 (12.7)	15000 (1034)
1/2	1	SS-HPA-FNS8-HBP16	1.89 (48.0)	1.50 (38.1)	0.78 (19.8)	0.75 (19.0)	0.63 (15.9)	15000 (1034)
3/4	3/4	SS-HPA-FNS12-HBP12	1.78 (45.1)	1.50 (38.1)	0.81 (20.6)	0.63 (16.0)	0.50 (12.7)	10000 (690)
3/4	1	SS-HPA-FNS12-HBP16	1.89 (48.1)	1.50 (38.1)	0.81 (20.6)	0.75 (19.0)	0.63 (15.9)	10000 (690)
1	1	SS-HPA-FNS16-HBP16	2.20 (56.0)	1.75 (44.5)	1.00 (25.4)	0.75 (19.0)	0.63 (15.9)	10000 (690)

Adapters^①

Female SAE O-Ring								Male SAE O-Ring
P-SAE/MS Thread Size, in.	Px-SAE/MS Thread Size, in.	Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)
			L	F	B	Bx	E	
7/16-20	9/16-18	SS-HPA-US7-SH9	1.25 (31.8)	0.81 (20.6)	0.55 (14.0)	0.47 (12.0)	0.18 (4.5)	10000 (690)
7/16-20	3/4-16	SS-HPA-US7-SH12	1.25 (31.8)	0.87 (22.2)	0.55 (14.0)	0.55 (14.0)	0.18 (4.5)	10000 (690)
9/16-18	3/4-16	SS-HPA-US9-SH12	1.42 (36.0)	1.00 (25.4)	0.61 (15.5)	0.55 (14.0)	0.30 (7.5)	10000 (690)
9/16-18	7/8-14	SS-HPA-US9-SH14	1.42 (36.0)	1.00 (25.4)	0.61 (15.5)	0.63 (16.0)	0.30 (7.5)	10000 (690)
3/4-16	7/8-14	SS-HPA-US12-SH14	1.65 (41.8)	1.19 (30.2)	0.69 (17.5)	0.63 (16.0)	0.39 (10.0)	10000 (690)

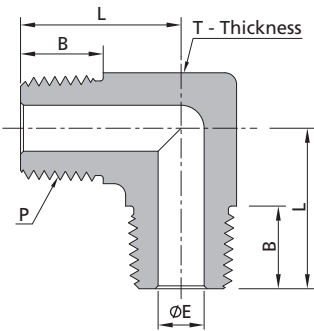
① Male SAE O-ring Ends are supplied with a FKM O-ring as standard, other materials of O-rings available.

Adapters



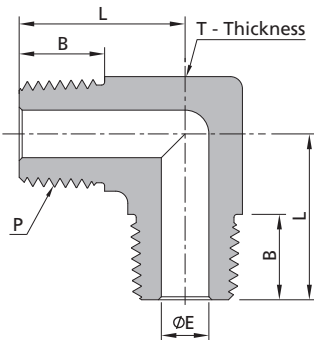
Female ISO Parallel Threads			Male ISO Parallel Threads						
P-ISO Parallel Thread Size, in.	Px-ISO Parallel Thread Size, in.	Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)
			L	F	B	H	Bx	E	
1/4	1/4	SS-HPA-SBP4-HBP4	1.42 (36.0)	0.63 (15.9)	0.18 (4.5)	0.63 (15.9)	0.43 (11.0)	0.15 (3.8)	10000 (690)
1/4	3/8	SS-HPA-SBP4-HBP6	1.54 (39.0)	0.81 (20.6)	0.18 (4.5)	0.63 (15.9)	0.47 (12.0)	0.19 (4.7)	10000 (690)
1/4	1/2	SS-HPA-SBP4-HBP8	1.62 (41.2)	1.00 (25.4)	0.18 (4.5)	0.63 (15.9)	0.55 (14.0)	0.19 (4.7)	10000 (690)
3/8	1/4	SS-HPA-SBP6-HBP4	1.57 (40.0)	0.81 (20.6)	0.25 (6.3)	0.81 (20.6)	0.43 (11.0)	0.15 (3.8)	10000 (690)
3/8	3/8	SS-HPA-SBP6-HBP6	1.61 (41.0)	0.81 (20.6)	0.25 (6.3)	0.81 (20.6)	0.47 (12.0)	0.25 (6.4)	10000 (690)
3/8	1/2	SS-HPA-SBP6-HBP8	1.75 (44.5)	1.00 (25.4)	0.25 (6.3)	0.81 (20.6)	0.55 (14.0)	0.31 (7.9)	10000 (690)
1/2	1/2	SS-HPA-SBP8-HBP8	1.82 (46.2)	1.00 (25.4)	0.28 (7.0)	1.00 (25.4)	0.55 (14.0)	0.37 (9.5)	10000 (690)
1/2	3/4	SS-HPA-SBP8-HBP12	1.98 (50.2)	1.25 (31.8)	0.28 (7.0)	1.00 (25.4)	0.63 (16.0)	0.44 (11.1)	10000 (690)
3/4	1/2	SS-HPA-SBP12-HBP8	2.02 (51.2)	1.25 (31.8)	0.35 (9.0)	1.37 (34.9)	0.55 (14.0)	0.37 (9.5)	10000 (690)
3/4	3/4	SS-HPA-SBP12-HBP12	2.19 (55.5)	1.25 (31.8)	0.35 (9.0)	1.37 (34.9)	0.63 (16.0)	0.50 (12.7)	10000 (690)
3/4	1	SS-HPA-SBP12-HBP16	2.34 (59.5)	1.50 (38.1)	0.35 (9.0)	1.37 (34.9)	0.75 (19.0)	0.63 (15.9)	10000 (690)
1	3/4	SS-HPA-SBP16-HBP12	2.50 (63.5)	1.50 (38.1)	0.43 (10.8)	1.75 (44.5)	0.63 (16.0)	0.50 (12.7)	10000 (690)
1	1	SS-HPA-SBP16-HBP16	2.62 (66.5)	1.50 (38.1)	0.43 (10.8)	1.75 (44.5)	0.75 (19.0)	0.63 (15.9)	10000 (690)

Male Elbows



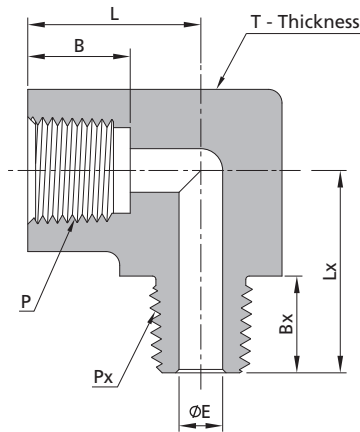
Male NPT Threads						
P-NPT Size, in.	Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)
		L	B	E	T	
1/8	SS-HPE-NS2	0.75 (19.1)	0.38 (9.7)	0.19 (4.8)	0.50 (12.7)	15000 (1034)
1/4	SS-HPE-NS4	1.00 (25.4)	0.56 (14.2)	0.25 (6.4)	0.63 (15.9)	15000 (1034)
3/8	SS-HPE-NS6	1.10 (28.0)	0.56 (14.2)	0.31 (7.9)	0.75 (19.1)	15000 (1034)
1/2	SS-HPE-NS8	1.44 (36.6)	0.75 (19.1)	0.38 (9.6)	1.00 (25.4)	15000 (1034)
3/4	SS-HPE-NS12	1.56 (39.6)	0.75 (19.1)	0.58 (14.8)	1.37 (34.9)	10000 (690)
1	SS-HPE-NS16	1.89 (48.0)	0.94 (23.9)	0.79 (20.0)	1.50 (38.1)	10000 (690)

Male Elbows



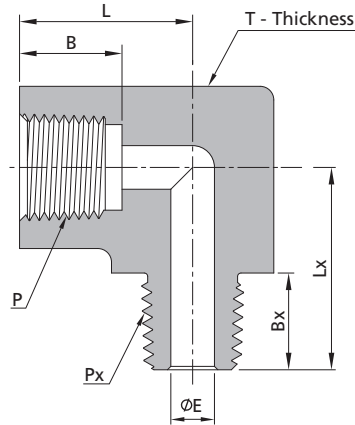
Male ISO Tapered Pipe Threads						
P-ISO Thread Size, in.	Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)
		L	B	E	T	
1/8	SS-HPE-RT2	0.75 (19.1)	0.38 (9.7)	0.19 (4.8)	0.50 (12.7)	15000 (1034)
1/4	SS-HPE-RT4	1.00 (25.4)	0.56 (14.2)	0.25 (6.4)	0.63 (15.9)	15000 (1034)
3/8	SS-HPE-RT6	1.10 (28.0)	0.56 (14.2)	0.31 (7.9)	0.75 (19.1)	15000 (1034)
1/2	SS-HPE-RT8	1.44 (36.6)	0.75 (19.1)	0.38 (9.6)	1.00 (25.4)	15000 (1034)
3/4	SS-HPE-RT12	1.56 (39.6)	0.75 (19.1)	0.58 (14.8)	1.37 (34.9)	10000 (690)
1	SS-HPE-RT16	1.89 (48.0)	0.94 (23.9)	0.79 (20.0)	1.50 (38.1)	10000 (690)

Street Elbows



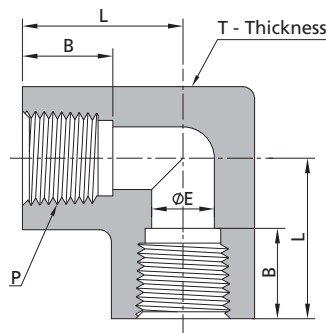
Female NPT Threads			Male NPT Threads						
P-NPT Size, in.	Px-NPT Size, in.	Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)
			L	B	E	Lx	Bx	T	
1/8	1/8	SS-HPE-FNS2-NS2	0.75 (19.1)	0.41 (10.4)	0.19 (4.8)	0.75 (19.1)	0.38 (9.7)	0.63 (15.9)	15000 (1034)
1/8	1/4	SS-HPE-FNS2-NS4	0.78 (19.8)	0.41 (10.4)	0.25 (6.4)	1.00 (25.4)	0.56 (14.2)	0.63 (15.9)	15000 (1034)
1/8	3/8	SS-HPE-FNS2-NS6	0.95 (24.2)	0.41 (10.4)	0.31 (7.9)	1.07 (27.2)	0.56 (14.2)	0.75 (19.1)	15000 (1034)
1/4	1/4	SS-HPE-FNS4-NS4	1.00 (25.4)	0.59 (15.0)	0.25 (6.4)	1.06 (27.0)	0.56 (14.2)	0.75 (19.1)	15000 (1034)
1/4	3/8	SS-HPE-FNS4-NS6	1.00 (25.4)	0.59 (15.0)	0.31 (7.9)	1.06 (27.0)	0.56 (14.2)	0.75 (19.1)	15000 (1034)
1/4	1/2	SS-HPE-FNS4-NS8	1.15 (29.1)	0.59 (15.0)	0.38 (9.6)	1.40 (35.5)	0.75 (19.1)	1.00 (25.4)	15000 (1034)
3/8	3/8	SS-HPE-FNS6-NS6	1.20 (30.6)	0.59 (15.0)	0.31 (7.9)	1.20 (30.6)	0.56 (14.2)	1.00 (25.4)	15000 (1034)
3/8	1/2	SS-HPE-FNS6-NS8	1.20 (30.6)	0.59 (15.0)	0.38 (9.6)	1.38 (35.0)	0.75 (19.1)	1.00 (25.4)	15000 (1034)
3/8	3/4	SS-HPE-FNS6-NS12	1.23 (31.2)	0.59 (15.0)	0.54 (13.8)	1.56 (39.6)	0.75 (19.1)	1.37 (34.9)	10000 (690)
1/2	1/2	SS-HPE-FNS8-NS8	1.50 (38.1)	0.78 (19.8)	0.38 (9.6)	1.61 (40.8)	0.75 (19.1)	1.37 (34.9)	15000 (1034)
1/2	3/4	SS-HPE-FNS8-NS12	1.43 (36.2)	0.78 (19.8)	0.58 (14.8)	1.61 (40.8)	0.75 (19.1)	1.37 (34.9)	10000 (690)
1/2	1	SS-HPE-FNS8-NS16	1.45 (36.9)	0.78 (19.8)	0.67 (17.0)	1.86 (47.3)	0.94 (23.9)	1.37 (34.9)	10000 (690)
3/4	3/4	SS-HPE-FNS12-NS12	1.50 (38.1)	0.81 (20.6)	0.58 (14.8)	1.77 (44.9)	0.75 (19.1)	1.50 (38.1)	10000 (690)
3/4	1	SS-HPE-FNS12-NS16	1.63 (41.4)	0.81 (20.6)	0.79 (20.0)	1.86 (47.3)	0.94 (23.9)	1.50 (38.1)	10000 (690)
1	1	SS-HPE-FNS16-NS16	1.91 (48.5)	1.00 (25.4)	0.79 (20.0)	2.07 (52.5)	0.94 (23.9)	1.75 (44.5)	10000 (690)

Street Elbows



Female ISO Tapered Pipe Threads			Male ISO Tapered Threads						
P-ISO Thread Size, in.	Px-ISO Thread Size, in.	Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)
			L	B	E	Lx	Bx	T	
1/8	1/8	SS-HPE-FRT2-RT2	0.75 (19.1)	0.41 (10.4)	0.19 (4.8)	0.75 (19.1)	0.38 (9.7)	0.63 (15.9)	15000 (1034)
1/8	1/4	SS-HPE-FRT2-RT4	0.78 (19.8)	0.41 (10.4)	0.25 (6.4)	1.00 (25.4)	0.56 (14.2)	0.63 (15.9)	15000 (1034)
1/8	3/8	SS-HPE-FRT2-RT6	0.95 (24.2)	0.41 (10.4)	0.31 (7.9)	1.07 (27.2)	0.56 (14.2)	0.75 (19.1)	15000 (1034)
1/4	1/4	SS-HPE-FRT4-RT4	1.00 (25.4)	0.59 (15.0)	0.25 (6.4)	1.06 (27.0)	0.56 (14.2)	0.75 (19.1)	15000 (1034)
1/4	3/8	SS-HPE-FRT4-RT6	1.00 (25.4)	0.59 (15.0)	0.31 (7.9)	1.06 (27.0)	0.56 (14.2)	0.75 (19.1)	15000 (1034)
1/4	1/2	SS-HPE-FRT4-RT8	1.15 (29.1)	0.59 (15.0)	0.38 (9.6)	1.40 (35.5)	0.75 (19.1)	1.00 (25.4)	15000 (1034)
3/8	3/8	SS-HPE-FRT6-RT6	1.20 (30.6)	0.59 (15.0)	0.31 (7.9)	1.20 (30.6)	0.56 (14.2)	1.00 (25.4)	15000 (1034)
3/8	1/2	SS-HPE-FRT6-RT8	1.20 (30.6)	0.59 (15.0)	0.38 (9.6)	1.38 (35.0)	0.75 (19.1)	1.00 (25.4)	15000 (1034)
3/8	3/4	SS-HPE-FRT6-RT12	1.23 (31.2)	0.59 (15.0)	0.54 (13.8)	1.56 (39.6)	0.75 (19.1)	1.37 (34.9)	10000 (690)
1/2	1/2	SS-HPE-FRT8-RT8	1.50 (38.1)	0.78 (19.8)	0.38 (9.6)	1.61 (40.8)	0.75 (19.1)	1.37 (34.9)	15000 (1034)
1/2	3/4	SS-HPE-FRT8-RT12	1.43 (36.2)	0.78 (19.8)	0.58 (14.8)	1.61 (40.8)	0.75 (19.1)	1.37 (34.9)	10000 (690)
1/2	1	SS-HPE-FRT8-RT16	1.45 (36.9)	0.78 (19.8)	0.67 (17.0)	1.86 (47.3)	0.94 (23.9)	1.37 (34.9)	10000 (690)
3/4	3/4	SS-HPE-FRT12-RT12	1.50 (38.1)	0.81 (20.6)	0.58 (14.8)	1.77 (44.9)	0.75 (19.1)	1.50 (38.1)	10000 (690)
3/4	1	SS-HPE-FRT12-RT16	1.63 (41.4)	0.81 (20.6)	0.79 (20.0)	1.86 (47.3)	0.94 (23.9)	1.50 (38.1)	10000 (690)
1	1	SS-HPE-FRT16-RT16	1.91 (48.5)	1.00 (25.4)	0.79 (20.0)	2.07 (52.5)	0.94 (23.9)	1.75 (44.5)	10000 (690)

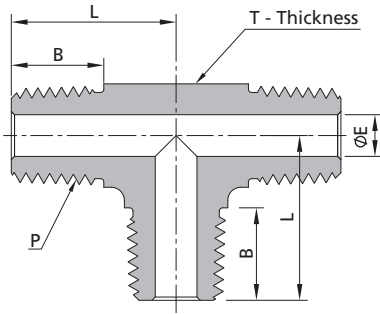
Female Elbows



Female NPT Threads						
P-NPT Size, in.	Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)
		L	B	E	T	
1/8	SS-HPE-FNS2	0.75 (19.1)	0.41 (10.4)	0.31 (8.0)	0.63 (15.9)	15000 (1034)
1/4	SS-HPE-FNS4	1.00 (25.4)	0.59 (15.0)	0.41 (10.4)	0.75 (19.1)	15000 (1034)
3/8	SS-HPE-FNS6	1.20 (30.6)	0.59 (15.0)	0.54 (13.8)	1.00 (25.4)	15000 (1034)
1/2	SS-HPE-FNS8	1.50 (38.1)	0.78 (19.8)	0.67 (17.0)	1.37 (34.9)	15000 (1034)
3/4	SS-HPE-FNS12	1.50 (38.1)	0.81 (20.6)	0.88 (22.3)	1.50 (38.1)	10000 (690)
1	SS-HPE-FNS16	1.91 (48.5)	1.00 (25.4)	1.11 (28.1)	1.75 (44.5)	10000 (690)

Female ISO Tapered Threads						
P-ISO Thread Size, in.	Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)
		L	B	E	T	
1/8	SS-HPE-FRT2	0.75 (19.1)	0.41 (10.4)	0.31 (8.0)	0.63 (15.9)	15000 (1034)
1/4	SS-HPE-FRT4	1.00 (25.4)	0.59 (15.0)	0.41 (10.4)	0.75 (19.1)	15000 (1034)
3/8	SS-HPE-FRT6	1.20 (30.6)	0.59 (15.0)	0.54 (13.8)	1.00 (25.4)	15000 (1034)
1/2	SS-HPE-FRT8	1.50 (38.1)	0.78 (19.8)	0.69 (17.4)	1.37 (34.9)	15000 (1034)
3/4	SS-HPE-FRT12	1.50 (38.1)	0.81 (20.6)	0.90 (22.8)	1.50 (38.1)	10000 (690)
1	SS-HPE-FRT16	1.91 (48.5)	1.00 (25.4)	1.13 (28.7)	1.75 (44.5)	10000 (690)

Male Tees



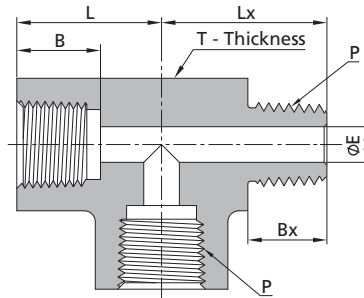
Male NPT Threads

P-NPT Size, in.	Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)
		L	B	E	T	
1/8	SS-HPT-NS2	0.75 (19.1)	0.38 (9.7)	0.19 (4.8)	0.50 (12.7)	15000 (1034)
1/4	SS-HPT-NS4	1.00 (25.4)	0.56 (14.2)	0.25 (6.4)	0.63 (15.9)	15000 (1034)
3/8	SS-HPT-NS6	1.10 (28.0)	0.56 (14.2)	0.31 (7.9)	0.75 (19.1)	15000 (1034)
1/2	SS-HPT-NS8	1.44 (36.6)	0.75 (19.1)	0.38 (9.6)	1.00 (25.4)	15000 (1034)
3/4	SS-HPT-NS12	1.56 (39.6)	0.75 (19.1)	0.58 (14.8)	1.37 (34.9)	10000 (690)
1	SS-HPT-NS16	1.89 (48.0)	0.94 (23.9)	0.79 (20.0)	1.50 (38.1)	10000 (690)

Male ISO Tapered Threads

P-ISO Thread Size, in.	Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)
		L	B	E	T	
1/8	SS-HPT-RT2	0.75 (19.1)	0.38 (9.7)	0.19 (4.8)	0.50 (12.7)	15000 (1034)
1/4	SS-HPT-RT4	1.00 (25.4)	0.56 (14.2)	0.25 (6.4)	0.63 (15.9)	15000 (1034)
3/8	SS-HPT-RT6	1.10 (28.0)	0.56 (14.2)	0.31 (7.9)	0.75 (19.1)	15000 (1034)
1/2	SS-HPT-RT8	1.44 (36.6)	0.75 (19.1)	0.38 (9.6)	1.00 (25.4)	15000 (1034)
3/4	SS-HPT-RT12	1.56 (39.6)	0.75 (19.1)	0.58 (14.8)	1.37 (34.9)	10000 (690)
1	SS-HPT-RT16	1.89 (48.0)	0.94 (23.9)	0.79 (20.0)	1.50 (38.1)	10000 (690)

Male Street Tees



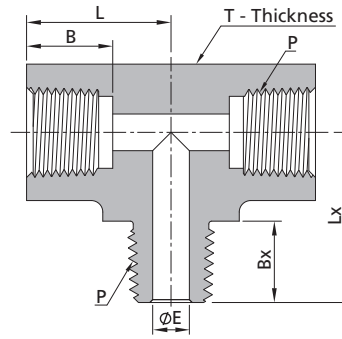
NPT Threads

P-NPT Size, in.	Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)
		L	B	Lx	Bx	E	T	
1/8	SS-HPT-FNS2-NS2-FNS2	0.75 (19.1)	0.41 (10.4)	0.75 (19.1)	0.38 (9.7)	0.19 (4.8)	0.63 (15.9)	15000 (1034)
1/4	SS-HPT-FNS4-NS4-FNS4	1.00 (25.4)	0.59 (15.0)	1.06 (27.0)	0.56 (14.2)	0.25 (6.4)	0.75 (19.1)	15000 (1034)
3/8	SS-HPT-FNS6-NS6-FNS6	1.20 (30.6)	0.59 (15.0)	1.20 (30.6)	0.56 (14.2)	0.31 (7.9)	1.00 (25.4)	15000 (1034)
1/2	SS-HPT-FNS8-NS8-FNS8	1.50 (38.1)	0.78 (19.8)	1.61 (40.8)	0.75 (19.1)	0.38 (9.6)	1.37 (34.9)	15000 (1034)
3/4	SS-HPT-FNS12-NS12-FNS12	1.50 (38.1)	0.81 (20.6)	1.77 (44.9)	0.75 (19.1)	0.58 (14.8)	1.50 (38.1)	10000 (690)
1	SS-HPT-FNS16-NS16-FNS16	1.91 (48.5)	1.00 (25.4)	2.07 (52.5)	0.94 (23.9)	0.79 (20.0)	1.75 (44.5)	10000 (690)

ISO Tapered Pipe Threads

P-ISO Thread Size, in.	Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)
		L	B	Lx	Bx	E	T	
1/8	SS-HPT-FRT2-RT2-FRT2	0.75 (19.1)	0.41 (10.4)	0.75 (19.1)	0.38 (9.7)	0.19 (4.8)	0.63 (15.9)	15000 (1034)
1/4	SS-HPT-FRT4-RT4-FRT4	1.00 (25.4)	0.59 (15.0)	1.06 (27.0)	0.56 (14.2)	0.25 (6.4)	0.75 (19.1)	15000 (1034)
3/8	SS-HPT-FRT6-RT6-FRT6	1.20 (30.6)	0.59 (15.0)	1.20 (30.6)	0.56 (14.2)	0.31 (7.9)	1.00 (25.4)	15000 (1034)
1/2	SS-HPT-FRT8-RT8-FRT8	1.50 (38.1)	0.78 (19.8)	1.61 (40.8)	0.75 (19.1)	0.38 (9.6)	1.37 (34.9)	15000 (1034)
3/4	SS-HPT-FRT12-RT12-FRT12	1.50 (38.1)	0.81 (20.6)	1.77 (44.9)	0.75 (19.1)	0.58 (14.8)	1.50 (38.1)	10000 (690)
1	SS-HPT-FRT16-RT16-FRT16	1.91 (48.5)	1.00 (25.4)	2.07 (52.5)	0.94 (23.9)	0.79 (20.0)	1.75 (44.5)	10000 (690)

Male Branch Tees



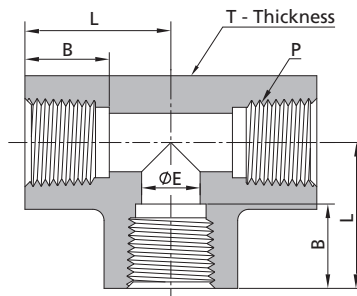
NPT Threads

P-NPT Size, in.	Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)
		L	B	Lx	Bx	E	T	
1/8	SS-HPT-FNS2-FNS2-NS2	0.75 (19.1)	0.41 (10.4)	0.75 (19.1)	0.38 (9.7)	0.19 (4.8)	0.63 (15.9)	15000 (1034)
1/4	SS-HPT-FNS4-FNS4-NS4	1.00 (25.4)	0.59 (15.0)	1.06 (27.0)	0.56 (14.2)	0.25 (6.4)	0.75 (19.1)	15000 (1034)
3/8	SS-HPT-FNS6-FNS6-NS6	1.20 (30.6)	0.59 (15.0)	1.20 (30.6)	0.56 (14.2)	0.31 (7.9)	1.00 (25.4)	15000 (1034)
1/2	SS-HPT-FNS8-FNS8-NS8	1.50 (38.1)	0.78 (19.8)	1.61 (40.8)	0.75 (19.1)	0.38 (9.6)	1.37 (34.9)	15000 (1034)
3/4	SS-HPT-FNS12-FNS12-NS12	1.50 (38.1)	0.81 (20.6)	1.77 (44.9)	0.75 (19.1)	0.58 (14.8)	1.50 (38.1)	10000 (690)
1	SS-HPT-FNS16-FNS16-NS16	1.91 (48.5)	1.00 (25.4)	2.07 (52.5)	0.94 (23.9)	0.79 (20.0)	1.75 (44.5)	10000 (690)

ISO Tapered Pipe Threads

P-ISO Thread Size, in.	Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)
		L	B	Lx	Bx	E	T	
1/8	SS-HPT-FRT2-FRT2-RT2	0.75 (19.1)	0.41 (10.4)	0.75 (19.1)	0.38 (9.7)	0.19 (4.8)	0.63 (15.9)	15000 (1034)
1/4	SS-HPT-FRT4-FRT4-RT4	1.00 (25.4)	0.59 (15.0)	1.06 (27.0)	0.56 (14.2)	0.25 (6.4)	0.75 (19.1)	15000 (1034)
3/8	SS-HPT-FRT6-FRT6-RT6	1.20 (30.6)	0.59 (15.0)	1.20 (30.6)	0.56 (14.2)	0.31 (7.9)	1.00 (25.4)	15000 (1034)
1/2	SS-HPT-FRT8-FRT8-RT8	1.50 (38.1)	0.78 (19.8)	1.61 (40.8)	0.75 (19.1)	0.38 (9.6)	1.37 (34.9)	15000 (1034)
3/4	SS-HPT-FRT12-FRT12-RT12	1.50 (38.1)	0.81 (20.6)	1.77 (44.9)	0.75 (19.1)	0.58 (14.8)	1.50 (38.1)	10000 (690)
1	SS-HPT-FRT16-FRT16-RT16	1.91 (48.5)	1.00 (25.4)	2.07 (52.5)	0.94 (23.9)	0.79 (20.0)	1.75 (44.5)	10000 (690)

Female Tees

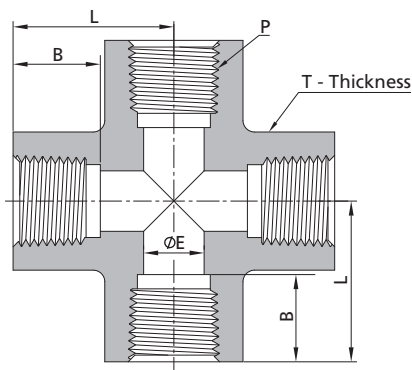


Female NPT Threads

P-NPT Size, in.	Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)
		L	B	E	T	
1/8	SS-HPT-FNS2	0.75 (19.1)	0.41 (10.4)	0.31 (8.0)	0.63 (15.9)	15000 (1034)
1/4	SS-HPT-FNS4	1.00 (25.4)	0.59 (15.0)	0.41 (10.4)	0.75 (19.1)	15000 (1034)
3/8	SS-HPT-FNS6	1.20 (30.6)	0.59 (15.0)	0.54 (13.8)	1.00 (25.4)	15000 (1034)
1/2	SS-HPT-FNS8	1.50 (38.1)	0.78 (19.8)	0.67 (17.0)	1.37 (34.9)	15000 (1034)
3/4	SS-HPT-FNS12	1.50 (38.1)	0.81 (20.6)	0.88 (22.3)	1.50 (38.1)	10000 (690)
1	SS-HPT-FNS16	1.91 (48.5)	1.00 (25.4)	1.11 (28.1)	1.75 (44.5)	10000 (690)

Female ISO Tapered Pipe Threads						
P-ISO Thread Size, in.	Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)
		L	B	E	T	
1/8	SS-HPT-FRT2	0.75 (19.1)	0.41 (10.4)	0.31 (8.0)	0.63 (15.9)	15000 (1034)
1/4	SS-HPT-FRT4	1.00 (25.4)	0.59 (15.0)	0.41 (10.4)	0.75 (19.1)	15000 (1034)
3/8	SS-HPT-FRT6	1.20 (30.6)	0.59 (15.0)	0.54 (13.8)	1.00 (25.4)	15000 (1034)
1/2	SS-HPT-FRT8	1.50 (38.1)	0.78 (19.8)	0.69 (17.4)	1.37 (34.9)	15000 (1034)
3/4	SS-HPT-FRT12	1.50 (38.1)	0.81 (20.6)	0.90 (22.8)	1.50 (38.1)	10000 (690)
1	SS-HPT-FRT16	1.91 (48.5)	1.00 (25.4)	1.13 (28.7)	1.75 (44.5)	10000 (690)

Female Crosses



Female NPT Threads						
P-NPT Size, in.	Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)
		L	B	E	T	
1/8	SS-HPX-FNS2	0.75 (19.1)	0.41 (10.4)	0.31 (8.0)	0.63 (15.9)	15000 (1034)
1/4	SS-HPX-FNS4	1.00 (25.4)	0.59 (15.0)	0.41 (10.4)	0.75 (19.1)	15000 (1034)
3/8	SS-HPX-FNS6	1.20 (30.6)	0.59 (15.0)	0.54 (13.8)	1.00 (25.4)	15000 (1034)
1/2	SS-HPX-FNS8	1.50 (38.1)	0.78 (19.8)	0.67 (17.0)	1.37 (34.9)	15000 (1034)
3/4	SS-HPX-FNS12	1.50 (38.1)	0.81 (20.6)	0.88 (22.3)	1.50 (38.1)	10000 (690)
1	SS-HPX-FNS16	1.91 (48.5)	1.00 (25.4)	1.11 (28.1)	1.75 (44.5)	10000 (690)

Female ISO Tapered Pipe Threads						
P-ISO Thread Size, in.	Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)
		L	B	E	T	
1/8	SS-HPX-FRT2	0.75 (19.1)	0.41 (10.4)	0.31 (8.0)	0.63 (15.9)	15000 (1034)
1/4	SS-HPX-FRT4	1.00 (25.4)	0.59 (15.0)	0.41 (10.4)	0.75 (19.1)	15000 (1034)
3/8	SS-HPX-FRT6	1.20 (30.6)	0.59 (15.0)	0.54 (13.8)	1.00 (25.4)	15000 (1034)
1/2	SS-HPX-FRT8	1.50 (38.1)	0.78 (19.8)	0.69 (17.4)	1.37 (34.9)	15000 (1034)
3/4	SS-HPX-FRT12	1.50 (38.1)	0.81 (20.6)	0.90 (22.8)	1.50 (38.1)	10000 (690)
1	SS-HPX-FRT16	1.91 (48.5)	1.00 (25.4)	1.13 (28.7)	1.75 (44.5)	10000 (690)

Note: All dimensions are for reference only and subject to change.

Connection Information

Please see A-02.

Ordering Number Description

