



FITOK

60NSS-FH9-1

60000psig@40~100°F

4137bar@4.4~38°C

LDH150712789



FITOK
60NSS

FITOK316
LEM
150724

FITOK INSTRUMENTATION

ABOUT FITOK

Abdex provides a complete range of Instrumentation fittings, valves and tubing for high and ultra high applications, using quality engineered components from Fitok.

Fitok is an industry-leading developer and manufacturer of superior quality instrumentation valves and fittings. The company has R&D centres, manufacturing facilities, warehousing and service locations in Europe, the USA, the Middle East and China.

Abdex is Fitok's exclusive distributor for high pressure fittings, and carries extensive stock for local support and service across a range of industry segments, including products for lower pressure, up to 400 bar (5,800 psi) applications and ultra-high pressure applications to 4,000 bar (up to 58,000 psi).

HIGHEST QUALITY

FITOK applies the highest accredited quality control standards in everything it does. It's an 9001:2008 certified company and its products have been certified by numerous different industry authorities and third-party inspection institutions, including TA-Luft, ABS, ASTM F1387, TPEd, RTN, E-Mark and CRN.

The Fitok mission is to continuously explore ways to improve process of designing, manufacturing, testing and to exceed industry standards.

OUTSTANDING SERVICE

With global facilities, Fitok combine the most cost-effective resources with flexible manufacturing systems, delivering a wide range of highest-quality products quickly, supported with world-class service and support.

Abdex carry extensive warehouse stock and offer prompt delivery schedules on a wide range of industry standard product lines, backed by unrivalled technical expertise.

FITOK SERIES & PRESSURE RATINGS

- 6 Series = 6,000 psi range
- 10 Series = 10,000 psi range
- 15 Series = 15,000 psi range
- 20 Series = 20,000 psi range
- 60 Series = 60,000 psi range



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INSTRUMENTATION BALL VALVES

1,000 PSI TO 10,000 PSI RATED

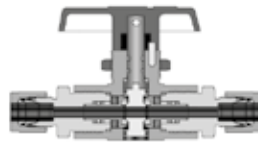
BALL VALVES

- High flow capability and low operating torque
- 2-way ball valves available for flow in both directions
- Low operating torque and easy to use
- Pneumatic or electric actuator available
- Options for handle colour
- Every valve is factory tested with nitrogen at rated pressure; If rated pressure is greater than 6000 psig, tested at 6000 psig accordingly

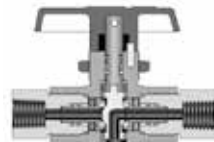


BF & BFH SERIES

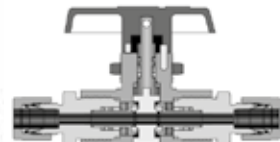
- Forged body with end connectors
- Body materials: 316 SS, 316L SS, 904L SS and alloy 400
- Seat materials: PTFE, PCTFE and PEEK
- Packing materials: fluorocarbon FKM and PTFE
- End connections:
 - 1/8" to 1/2" female NPT
 - 1/4" to 1/2" and 6mm to 12mm tube fitting
- Orifice size: 0.19" (4.8mm)
- Working pressure up to:
 - BF Series 6000 psig (414 bar)
 - BFH Series: 10,000 psig (690 bar)
- Working temperature: 0°F to 450°F (-17°C to 232°C)



BF Series



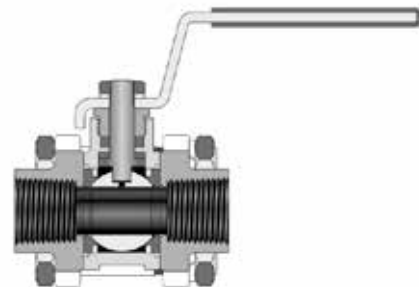
BF Series



BFH Series

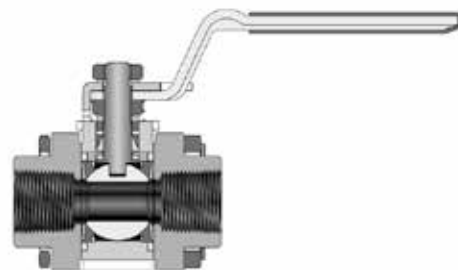
BG SERIES

- 3-piece precision cast body construction
- Body materials: CF8M (316), CF3M (316L), CF8 (304), CF3 (304L) and 904L SS
- Seat materials: PTFE
- Packing materials: PTFE
- End connections:
 - 1/8" to 3" thread
 - 1/8" to 3" pipe butt or socket weld
 - 1/4" to 2" and 6mm to 50mm tube butt or socket weld
 - 1/4" to 2" and 6mm to 50mm tube fitting
- Orifice size: 0.19" (4.8mm) to 3" (76mm)
- Working pressure up to: 1000 psig (69.0 bar)
- Working temperature: -20° to 450°F (-28°C to 232°C)



BH SERIES

- 3-piece precision cast body construction
- Body materials: CF8M (316), CF3M (316L), CF8 (304), CF3 (304L) and 904L SS
- Seat materials: PTFE, RPTFE and PEEK
- Packing materials: PTFE, RPTFE, Graphite and O-ring
- End connections:
 - 1/8" to 2" thread
 - 1/8" to 2" pipe butt or socket weld
 - 1/2" to 2" and 12mm to 50mm tube butt or socket weld
 - 1/2" to 2" and 12mm to 38mm tube fitting
- Orifice size: 0.19" (4.8mm) to 1.5" (38.1mm)
- Working pressure up to: 3000 psig (207 bar)
- Working temperature: -20°F to 450°F (-28°C to 232°C)

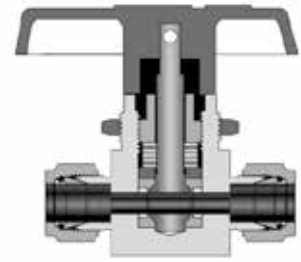


INSTRUMENTATION BALL VALVES

1,000 PSI TO 10,000 PSI RATED

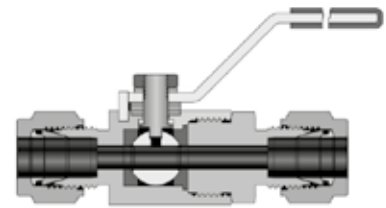
BO SERIES

- 1-piece forged body, top entry
- Body materials: 316 SS, 316L SS, 304 SS, 321 SS, 304L SS, 904L SS, alloy 400 and brass
- Seat materials: PTFE and UHMWPE
- Flow patterns: 2-way, 3-way, 4-way, 5-way, 6-way and 7-way
- End connections:
 - 1/8" to 1/2" thread
 - 1/16" to 3/4" and 3mm to 18mm tube fitting
- Orifice size: 0.05" (1.3mm) to 0.41" (10.3mm)
- Working pressure up to: 3000 psig (207 bar)
- Working temperature: -65°F to 300°F (-54°C to 148°C)



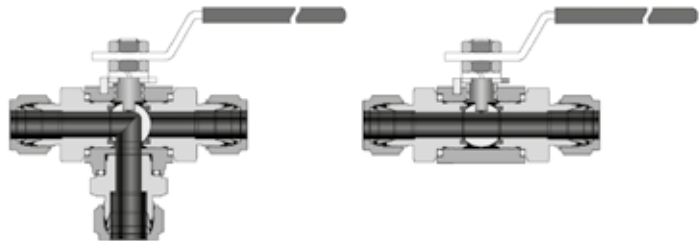
BR SERIES

- Cold drawn hex bar and cast body with single connector
- Body materials: 316 SS, 304 SS, 316L SS, 904L SS and brass
- Seat materials: PTFE
- Packing materials: PTFE
- End connections:
 - 1/8" to 1" thread
 - 1/4" to 1" and 6mm to 25mm tube fitting
- Orifice size: 0.19" (4.8mm) to 0.63" (16mm)
- Working pressure up to: 1000 psig (69.0 bar)
- Working temperature: -20°F to 450°F (-28°C to 232°C)



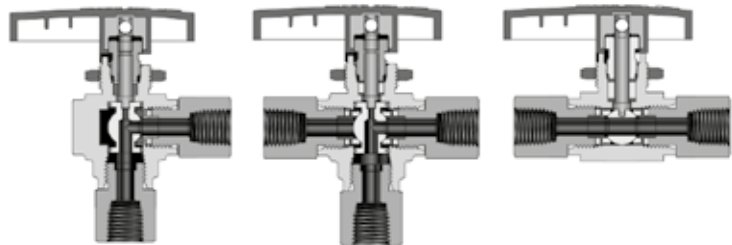
BP SERIES

- Cold drawn bar or forged body with end connectors
- Body materials: 316 SS, 304 SS, 321 SS and 904L SS
- Seat materials: PVDF, PCTFE and PEEK
- Packing materials: PTFE
- Flow patterns: 2-way and 3-way
- End connections:
 - 1/4" to 1" thread
 - 1/4" to 1" and 6mm to 25mm tube fitting
- Orifice size: 0.39" (10mm), 0.5" (12.7mm) and 0.71" (18mm)
- Working pressure up to: 10,000 psig (690 bar)
- Working temperature: -40°F to 450°F (-40°C to 232°C)



BV SERIES

- Precision cast body with end connectors
- Body materials: CF8M (316), CF3M (316L), CF8 (304), 904L SS, CF3 (304L) and brass
- Seat materials: PVDF, PCTFE and PEEK
- Packing materials: PTFE
- Flow patterns: 2-way straight, 2-way angle and 3-way
- End connections:
 - 1/8" to 3/4" thread
 - 1/8" to 3/4" and 3mm to 22mm tube fitting
- Orifice size: 0.09" (2.4mm), 0.41" (10.3mm)
- Working pressure up to: 6000 psig (414 bar)
- Working temperature: -65°F to 450°F (-54°C to 232°C)



BALL VALVES

PART NUMBER DESCRIPTION

BV SS - FL 8 - FNS 8 - P 10 - R - RX HQ 3 - S F2												
SERIES	BODY MATERIAL	PORT 1 TYPE	PORT 1 SIZE	PORT 2/3 TYPE	PORT 2/3 SIZE	SEAT MATERIAL	ORIFICE SIZE	PACKING MATERIAL	HANDLE / ACTUATOR	FOR ACTUATOR	FLOW PATTERN	SPECIAL APPLICATION
BF	CF8M / 316 SS	FNS	2 1/8"	Same as Port 1	02	PTFE	0.09" (2.4mm)	Fluorocarbon FKM (BF, BFH)	Black, Nylon (B0, BV)	NO	Straight	NO
BFH	CF3M / 316L SS	NS	3 3mm	Specify every Port designator if any of its Ports is different from the others	03	H UHMWPE	0.13" (3.2mm)	PTFE (BG, BH, BO, BP, BR, BV)	Stainless steel with yellow vinyl covered (BG, BH, BP, BR)	H Mechanical Limit Switch	A Angel (Bottom Port Inlet)	S NACE MR0175
BG	CF8 / 304L SS	FRT	4 1/4"		04	K PCTFE	0.17" (4.2mm)	B Buna N	Inductive Limit Switch	N Inductive Limit Switch	3 3-way	CLEANING & PACKAGING
BH	CF8 / 304 SS	RT	5 5/16"		05	P PEEK	0.19" (4.7mm)	E Ethylene propylene	Electromagnetic Valve	Q Electromagnetic Valve	4 4-way	FC-01
B0	CF3 / 304L SS	FMS	3/8" or 6mm or M6 x 1		07	R Reinforced RPTFE	0.28" (7.1mm)	G Graphite	Red Handle or Vinyl Covered	HQ Mechanical Limit Switch and Electromagnetic Valve	5 5-way	FC-02
BP	321 SS	MS	1/2" or 8mm		10		0.35" (8.9mm) for BR	H UHMWPE	Green Handle or Vinyl Covered	NQ Inductive Limit Switch and Electromagnetic Valve	6 6-way	
BR	Brass	FRP	10mm or M10 x 1		11		0.40" (10.3mm) for BV BH Series	K Fluorocarbon FKM	Blue Handle or Vinyl Covered		7 7-way	
BV	Alloy 400	BP	3/4" or 12mm		13		0.42" (10.6mm)	N Neoprene	Covered			
	F22	FL	14 mm or M14 x 1/5		14		0.50" (12.7mm)	P Peek	F Green Handle or Vinyl Covered			
	F91	ML	1" or 16mm		16		0.88" (22.2mm)	R RPTFE	J Blue Handle or Vinyl Covered			
	Duplex 2205	MTS	18mm		18			T PTFE	Y Yellow Nylon			
	Duplex 2507	TS	20mm or M20 x 1.5		20				U Aluminium			
INC	Inconel 600	MTB	22mm or M22 x 1.5		22				CS 90° Normally Closed Spring Return Pneumatic Actuator			
CS	Carbon Steel	TB	24" or M24 x 1.5		24				OS 90° Normally open spring return pneumatic actuator			
904L	904L SS	PS	25mm		25				DA 90° Double acting pneumatic actuator			
		PB	M27 x 2		27				LX 180° Left end normally open spring return pneumatic actuator			
		UFB	28mm		28				RX 180° Right end normally open spring return pneumatic actuator			
		UMB	2" or 32mm		32				DX 180° Double acting pneumatic actuator			
		UPB	2 1/4" or M40 x 2		36				EA 90° Electric actuator			
			2 1/2" or M40 x 2		40				EX 180° Electric actuator			
			3" or M48 x 2		48							
			64 4"		64							

NB: "Part Number Description" is used for composition rules of Abdex product model, not suitable for specific product part number selection, not random combinations. If in doubt, please contact Abdex.

INSTRUMENTATION NEEDLE VALVES

3,000 PSI TO 10,000 PSI RATED

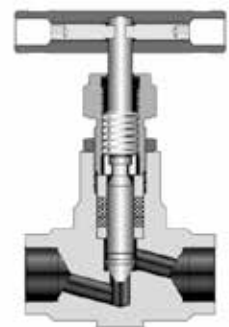
NEEDLE VALVES FEATURES

- The non-rotating stem eliminates galling between the seat and tip, and reducing the friction of sealed packing. Effectively improving the service life of the valve and valve packing.
- Intermittent packing system designed to effectively reduce the cold flow of valve packing and the valve operating torque. While using the system media for the use of valve packing.
- Packing mounted on the bottom of the stem transmission thread designed to achieve the isolation of transmission thread lubricating material and system medium to prevent transmission thread lubricating substance contamination of the media on the system.
- Threaded operating torque transmitted using online extrusion and roll forming process, effectively improves the strength and precision of the threads. To provide strong protection for operating torque for the screw to pass long-term, stable and reliable torque transmission.
- Different body materials and structure selection, a variety of colours and forms of the handle and optional panel mounting structure to achieve different requirements and different application occasions.



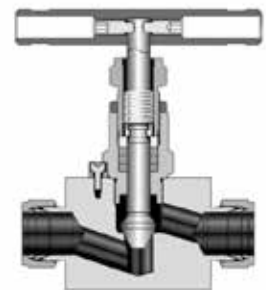
FORGED NEEDLE VALVES - NF & NFH SERIES

- One-piece forged body
- Body materials: Carbon steel / A105, 316 SS, 316L SS, 304 SS, 304L SS, 321 SS, Duplex 2205, Alloy 400, Alloy C-276 and brass
- Orifice (mm): 4, 6.4, 10, 15 and 18 (15 and 18 suitable for NF series only)
- Working pressure up to:
 - NF Series - 6000 psig (41.4 MPa)
 - NFH Series - 10000 psig (69.0 MPa)
- Working temperature: -65°F to 1200°F (-54°C to 649°C)
- Sealing face materials: Same as body material, optional stellite available
- Stem tips type: blunt, ball, regulating and soft tips (suitable for NF series only)
- End Connection type and size:
 - 1/8" to 1" and M10 to M36 thread
 - 1/4" to 1" and 6mm to 28mm tube fitting
 - 3/8" to 1" and 12mm to 25mm weld



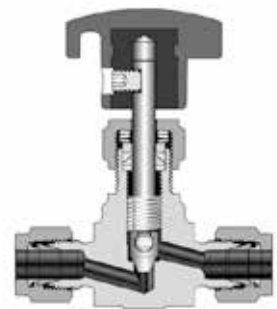
BAR STOCK NEEDLE VALVES - NB & NBH SERIES

- Cold drawn bar
- Body materials: 316 SS, 316L SS, 304 SS, 304L SS, Duplex 2205, Alloy C-276 and brass
- Orifice (mm): 4, 6, 10, 15 and 18 (15 and 18 suitable for NB series only)
- Working pressure up to:
 - NB Series - 6000 psig (41.4 MPa)
 - NBH Series - 10000 psig (69.0 MPa)
- Working temperature: -65°F to 1200°F (-54°C to 649°C)
- Sealing face materials: Same as body material, optional stellite available
- Stem tips type: blunt, ball, regulating and soft tips (suitable for NB series only)
- End Connection type and size:
 - 1/8" to 1" and M14 to M27 thread
 - 1/4" to 1" and 6mm to 25mm tube fitting
 - 3/8" to 1" and 10mm to 28mm weld



GENERAL PURPOSE NEEDLE VALVE - NG & NGH SERIES

- One-piece forged body
- Body materials: Carbon steel / A105, 316 SS, 316L SS, 304 SS, 304L SS, Duplex 2205, Alloy 400, Alloy C-276 and brass
- Orifice (mm): 2, 4, 6.4, 10
- Working pressure up to:
 - NG Series - 3000 psig (20.7 MPa)
 - NGH Series - 5000 psig (34.5 MPa)
- Working temperature: -65°F to 600°F (-54°C to 315°C)
- Sealing face materials: Same as body material
- Stem tips type: blunt, ball, regulating and soft tips
- End Connection type and size:
 - 1/8" to 3/4" and M14 to M27 thread
 - 1/4" to 3/4" and 6mm to 25mm tube fitting

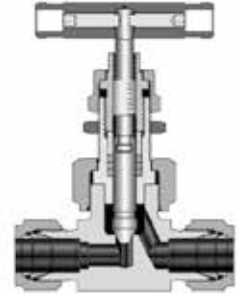


INSTRUMENTATION NEEDLE VALVES

3,000 PSI TO 10,000 PSI RATED

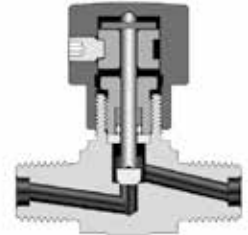
UNION BONNET NEEDLE VALVES - NU & NUH SERIES

- One-piece forged body
- Body materials: 316 SS, 316L SS, 304 SS, 304L SS, Duplex 2205, Alloy 400, Alloy C-276 and brass.
- Orifice (mm): 4, 6.4, 10
- Working pressure up to:
 - NU Series - 6000 psig (41.4 MPa)
 - NUH Series - 10000 psig (69.0 MPa)
- Working temperature: -65°F to 1200°F (-54°C to 649°C)
- Sealing face materials: Same as body material, optional stellite available
- Stem tips type: blunt, ball, regulating and soft tips (suitable for NU series only)
- End Connection type and size:
 - 1/8" to 1" and M14 to M27 thread
 - 1/4" to 1" and 6mm to 25mm tube fitting
 - 3/8" to 1" and 10mm to 28mm weld



NON-ROTATING STEM NEEDLE VALVES - ND SERIES

- One-piece forged body
- Body materials: 316 SS, 316L SS, 304 SS, 304L SS, Alloy 400 and brass
- Orifice (mm): 2, 4, 6.4
- Working pressure up to: 3000 psig (2.07 MPa)
- Working temperature: -20°F to 450°F (-28°C to 232°C)
- Sealing face materials: Same as body materials
- End Connection type and size:
 - 1/8" to 1/2" and M10 to M20 thread
 - 1/4" to 1/2" and 3mm to 12mm tube fitting



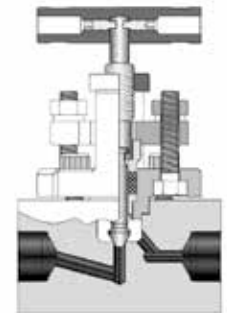
RISING PLUG VALVES - NR & NRG SERIES

- Cold drawn square bar
- Body materials: 316 SS, 316L SS, 304 SS, 304L SS, Duplex, Alloy 400, Alloy C-276 and brass
- Orifice (mm): 4, 6.4
- Working pressure up to: 6000 psig (41.4 MPa)
- Working temperature: -20°F to 400°F (-28°C to 204°C)
- Sealing face materials: Soft seat design
 - Seat materials: Acetal, PEEK, PFA
- End Connection type and size:
 - 1/8" to 1/2" and M14 to M20 thread
 - 1/4" to 1/2" and 6mm to 12mm tube fitting



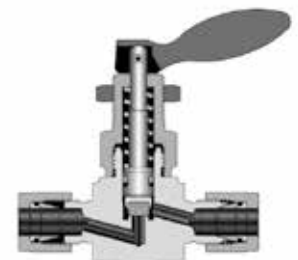
OUTSIDE SCREW & YOKE (OS & Y) NEEDLE VALVES - NY & NYH SERIES

- Cold drawn bar
- Body materials: Carbon steel / A105, 316 SS, 316L SS, 304 SS, 304L SS, Duplex, Alloy 400, Alloy C-276 and brass
- Orifice (mm): 4
- Working pressure up to:
 - NY Series - 6000 psig (41.4 MPa)
 - NYH Series - 10000 psig (69.0 MPa)
- Working temperature: -65°F to 1200°F (-54°C to 649°C)
- Sealing face materials: Same as body material, optional stellite available
- Externally adjustable gland independent of spindle thread
- End Connection type and size:
 - 1/4" to 1/2" and M10 to M20 thread
 - 1/4" to 1/2" and 6mm to 12mm tube fitting
 - 3/8" to 1/2" and 10mm to 20mm weld



TOGGLE VALVES - NT SERIES

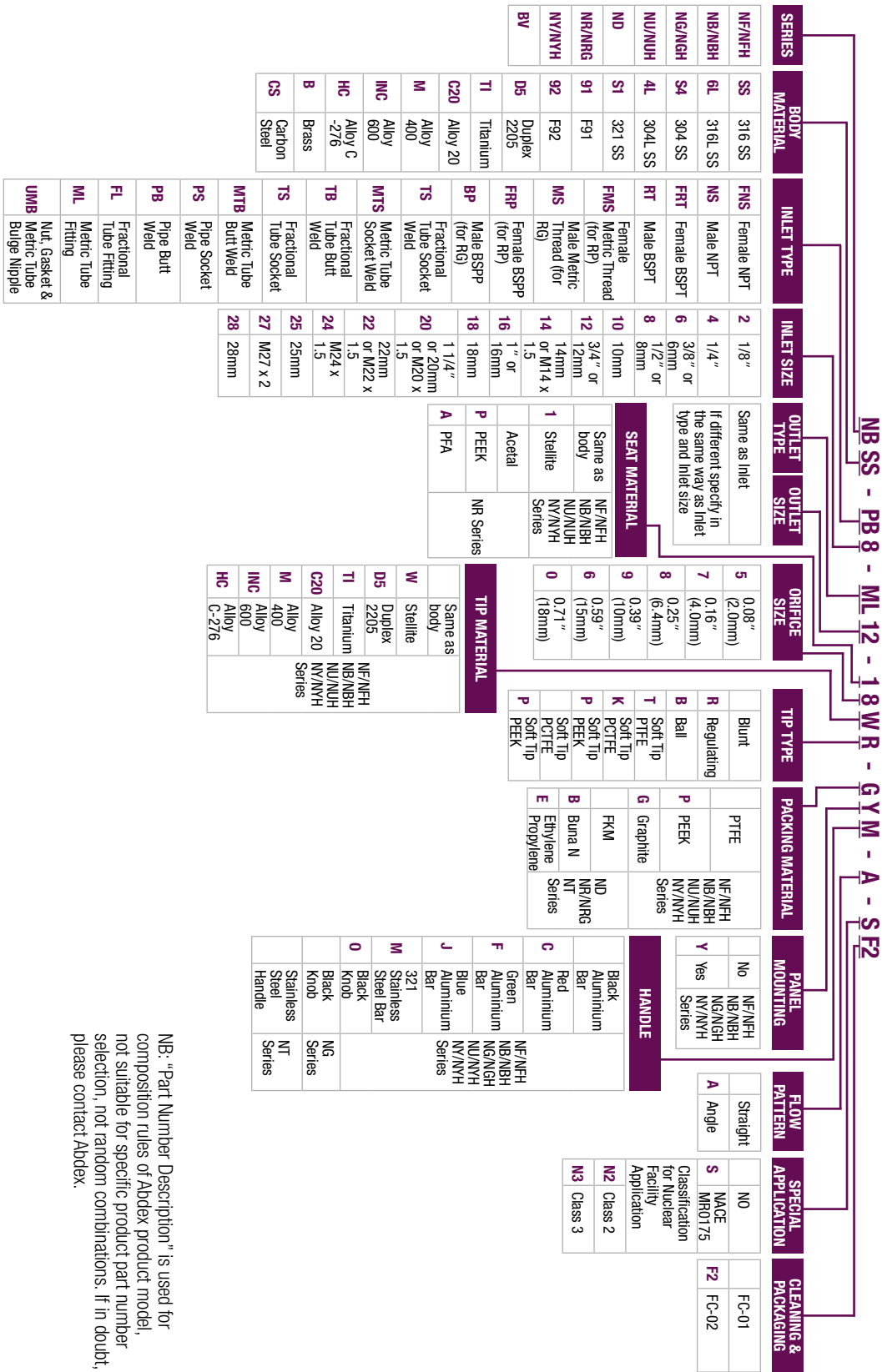
- One-piece forged body
- Body materials: 316 SS, 316L SS, 304 SS, 304L SS and brass
- Orifice (mm): 2, 4, 6.4
- Working pressure up to: 300 psig (2.07 MPa)
- Working temperature: -20°F to 250°F (-28°C to 121°C)
- Sealing face materials: Same as body material
- End Connection type and size:
 - 1/8" to 1/2" and M10 to M20 thread
 - 1/4" to 1/2" and 3mm to 12mm tube fitting



FITOK
Valves and Fittings

NEEDLE VALVES

PART NUMBER DESCRIPTION



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HIGH PRESSURE BALL VALVES

10,000 PSI TO 20,000 PSI RATED

HIGH PRESSURE BALL VALVES

- One piece, trunion mounted style, ideal for heavy duty applications
- Two-way and three-way valve configurations
- PEEK seats offer excellent resistance to chemicals, heat and wear / abrasion
- Full-port flow path minimizes pressure drop
- Optional o-rings available for high-temperature applications
- Pneumatic actuator options



10B SERIES BALL VALVES

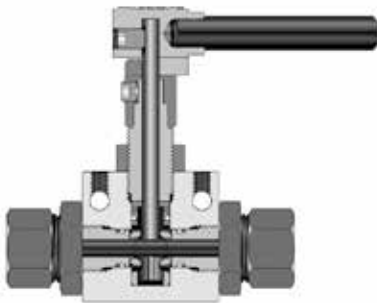
- End connections: 3/4" and 1" tube fittings, 3/4" and 1" NPT threads
- Body materials: 316 SS
- Orifice (mm): 2-way: 0.5", 3-way: 0.5"
- Working pressure up to: 10000 psig (690 bar)
- Fluorocarbon FKM O-ring working temperature: 0°F to 400°F (-17.8°C to 204°C)

15B SERIES BALL VALVES

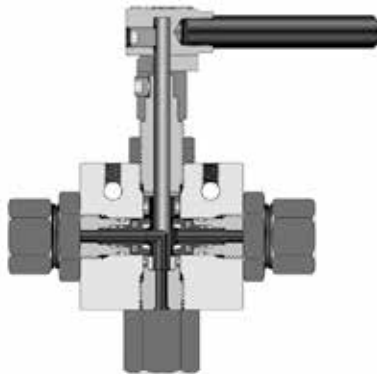
- End connections: 1/8", 1/4", 3/8", 1/2", 9/16", and 3/4" tube fittings, 1/8", 1/4", 3/8" and 1/2" NPT threads
- Body materials: 316 SS
- Orifice (mm): 2-way: 0.094" to 0.375", 3-way: 0.094" to 0.328"
- Working pressure up to: 15000 psig (1034 bar)
- Fluorocarbon FKM O-ring working temperature: 0°F to 400°F (-17.8°C to 204°C)

20B SERIES BALL VALVES

- End connections: 1/4", 3/8", 9/16", and 3/4" tube fittings
- Body materials: 316 SS
- Orifice (mm): 2-way: 0.094" to 0.375", 3-way: 0.094" to 0.328"
- Working pressure up to: 20000 psig (1379 bar)
- Fluorocarbon FKM O-ring working temperature: 0°F to 400°F (-17.8°C to 204°C)



Shut-Off



Switching 180° Turn



Diverting 90° Turn

HIGH PRESSURE BALL VALVES

PART NUMBER DESCRIPTION

15B SS - 2FH 6 - 6 - 2

SERIES	BODY MATERIAL	CONNECTION	SIZE	ORIFICE NO.	BODY STYLE
10B	SS 316 SS	For 10B Series	2 1/8"	For 2-way	1 2-way straight valves
15B		FH 15 Series	4 1/4"	1/4"	2 3-way valves, 180° turn
20B		2FH 20 Series	6 3/8"	6 3/8"	2D 3-way valves, 90° turn
		FNS NPT (Female)	8 1/2"	8 1/2"	
		For 15B Series	9 9/16"	For 3-way	
		FH 15 Series	12 3/4"	3/16"	
		2FH 20 Series	16 1"	6 3/8"	
		FNS NPT Series (Female)		8 1/2"	
		For 20B Series			
		FH 20 Series			
		6FH 60 Series			

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Code	O-ring Material	Temperature Range
	Fluorocarbon FKM	0 to 400°F (-17.8 to 204°C)
N	NBR	-40 to 250°F (-40 to 121°C)
F	FFKM	-20 to 500°F (29 to 260°C)
E	EPDM	-50 to 300°F (-45 to 148°C)
K	Kalrez	-40 to 500°F (-40 to 250°C)

Options: O-ring
 Fluorocarbon FKM is standard. For other materials, add a material code to the valve Ordering number.
 Example: 15BSS-2FH6-6-2-K

HIGH PRESSURE NEEDLE VALVES

10,000 PSI TO 60,000 PSI RATED

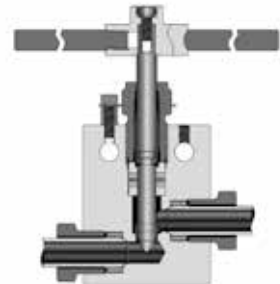
NEEDLE VALVES

- Non-rotating stem and bar stock body design
- Easy to assemble and replace packing
- Metal-to-metal seating achieves ideal shut-off, longer stem / seat service lifetime for abrasive flow, excellent corrosion resistance and greater durability for repeated on / off cycles
- The standard packing material for 60N Series is Nylon, and other series is PTFE. RPTFE glass, extended stuffing box with graphite are also available
- Extended stuffing box with graphite can be operated to 1200°F (649°C)
- The location of packing is under the thread of valve stem
- The material of packing gland and lower stem have been selected to achieve reduced handle torque and extended thread cycle life
- Options for Vee or Regulating stem tips
- Five flow patterns are available
- Available to NACE MR-01-75



10N SERIES NEEDLE VALVES

- End connections: 9/16", 3/4", 1" tube fittings and 3/4" NPT, 3/4" BSPT, 1" NPT, 1" BSPT
- Body materials: 316 SS
- Orifice sizes: 0.359", 0.516", 0.688", 0.438" and 0.562"
- Working pressure up to: 10000 psig (690 bar)
- Working temperature: -100°F to 1200°F (-73°C to 649°C)



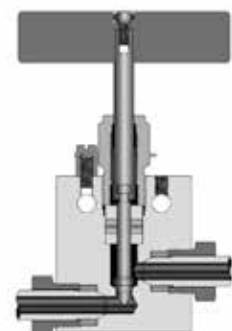
15N SERIES NEEDLE VALVES

- End connections: 1/8", 1/4", 3/8", 1/2" tube fittings and 1/8" NPT, 1/8" BSPT, 1/4" NPT, 1/4" BSPT, 3/8" NPT, 3/8" BSPT, 1/2" NPT, 1/2" BSPT
- Body materials: 316 SS
- Orifice sizes: 0.094", 0.188", 0.250", 0.375", 0.078", 0.203", 0.219" and 0.312"
- Working pressure up to: 15000 psig (1034 bar)
- Working temperature: -100°F to 800°F (-78°C to 427°C)



20N SERIES NEEDLE VALVES

- End connections: 1/4", 3/8", 9/16", 3/4" and 1" tube fittings
- Body materials: 316 SS
- Orifice (mm): 0.125", 0.219", 0.312", 0.438", 0.562"
- Working pressure up to: 20000 psig (1379 bar)
- Working temperature: -100°F to 1200°F (-73°C to 649°C)

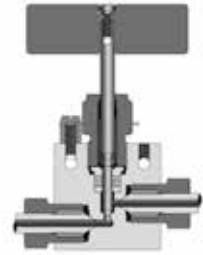


HIGH PRESSURE NEEDLE VALVES

10,000 PSI TO 60,000 PSI RATED

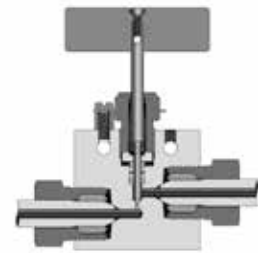
30N SERIES NEEDLE VALVES

- End connections: 1/4", 3/8", 9/16" tube fittings
- Body materials: 316 SS
- Orifice (mm): 0.094", 0.125"
- Working pressure up to: 30000 psig (2068 bar)
- Working temperature: -100°F to 1200°F (-73°C to 649°C)



60N SERIES NEEDLE VALVES

- End connections: 1/4", 3/8", 9/16" tube fittings
- Body materials: 316 SS
- Orifice (mm): 0.063", 0.078"
- Working pressure up to: 60000 psig (4137 bar)
- Working temperature: -100°F to 1200°F (-73°C to 649°C)



PART NUMBER DESCRIPTION

15N SS - FH4 - R G 2

SERIES	BODY MATERIAL		CONNECTOR SIZES		STEM TIPS		PACKING		FLOW PATTERNS	
	SS	316 SS	FH2	1/8"		Vee		PTFE	1	Straight
15N			FH4	1/4"	R	Regulating		Nylon	2	Angle
20N			FH6	3/8"			TG	RPTFE Glass	3	Angle (replaceable seat)
30N			FH8	1/2"			G	Graphite	4	3-way / 2 on pressure
60N			FH9	9/16"			HT	Extend stuffing box valve with Graphite	5	3-way / 1 on pressure
			FH12	3/4"					6	3-way / 2 stem manifold
			FH16	1"						
			FNS2	1/8 NPT (Female)						
			FNS4	1/4 NPT (Female)						
			FNS6	3/8 NPT (Female)						
			FNS8	1/2 NPT (Female)						
			FNS12	3/4 NPT (Female)						
			FNS16	1 NPT (Female)						
			FRT2	1/8 BSPT (Female)						
			FRT4	1/4 BSPT (Female)						
			FRT6	3/8 BSPT (Female)						
			FRT8	1/2 BSPT (Female)						
			FRT12	3/4 BSPT (Female)						
			FRT16	1 BSPT (Female)						

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HIGH PRESSURE CHECK VALVES

10,000 PSI TO 60,000 PSI RATED

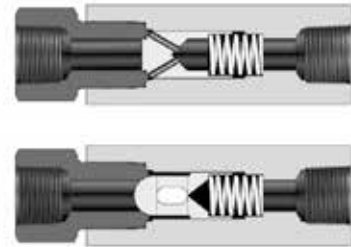
CHECK VALVES

- Provides unidirectional flow and tight shut-off for liquid and gas with high reliability. When differential drops below cracking pressure, valve shuts-off (not for use as relief valve)
- Body materials: 316 SS
- Resilient o-ring seat design for noise-free closing leakage-free
- Optional o-rings available for high-temperature applications
- Cracking pressure: 10C, 15C, 20C and 60C Series Check Valves:
14 psig - 26 psig (0.966 bar - 1.794 bar)



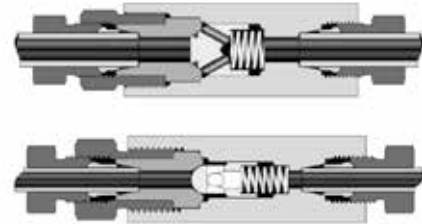
10C, 10CO SERIES CHECK VALVES

- End connections: 3/4" NPT and 1" NPT
- Orifice sizes: 0.52", 0.69"
- Working pressure up to: 10000 psig (690 bar)
- Working temperature:
10C Series (Pipe O-ring Check Valves): -50°F to 400°F (-45°C to 204°C)
10CO Series (Ball Check Valves): -110°F to 400°F (-79°C to 204°C)



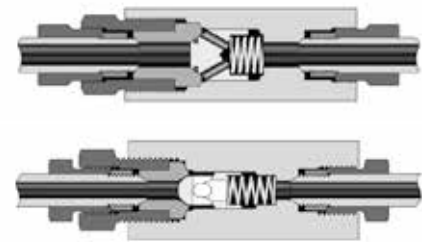
15C, 15CO SERIES CHECK VALVES

- End connections:
O-ring Check Valves and Ball Check Valves:
1/4", 3/8" and 1/2" tube fittings
Pipe O-ring Check Valves and Pipe Ball Check Valves:
1/4" NPT, 3/8" NPT and 1/2" NPT
- Orifice sizes:
0.188", 0.25" and 0.375"
Pipe o-ring Check Valves and Pipe Ball Check Valves:
0.12", 0.22" and 0.36"
- Working pressure up to: 15000 psig (1034 bar)
- Working temperature:
15C Series (O-ring Check Valves): -50°F to 550°F (-45°C to 288°C)
15C Series (Pipe Check Valves): -50°F to 400°F (-45°C to 204°C)
15CO Series (Ball Check Valves): -110°F to 800°F (-79°C to 427°C)
15CO Series (Pipe Ball Check Valves): -110°F to 400°F (-79°C to 204°C)



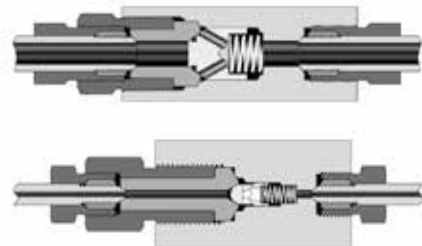
20C, 20CO SERIES CHECK VALVES

- End connections:
1/4", 3/8", 9/16", 3/4" tube fittings
- Orifice sizes:
0.125", 0.218", 0.359", 0.516" and 0.688"
- Working pressure up to: 20000 psig (1379 bar)
- Working temperature:
20C Series (O-ring check valves): -50°F to 550°F (-45°C to 288°C)
20C Series Check valves (Ball check valves): -110°F to 1200°F (-79°C to 649°C)



60C, 60CO SERIES CHECK VALVES

- End connections:
1/4", 3/8", 9/16" tube fittings
- Orifice sizes:
0.094", 0.125", 0.187"
- Working pressure up to: 60000 psig (4137 bar)
- Working temperature:
60C Series Check valves (O-ring check valves): -50°F to 550°F (-45°C to 288°C)
60C Series Check valves (Ball check valves): -110°F to 1200°F (-79°C to 649°C)



HIGH PRESSURE CHECK VALVES

PART NUMBER DESCRIPTION

15C SS - FH 4

SERIES	BODY MATERIAL	CONNECTOR SIZES	STEM TIPS
10C	SS 316 SS	For 10C/10C0 Series	4 1/4"
10C0		FNS NPT (Female)	6 3/8"
15C		For 15C/15C0 Series	8 1/2"
15C0		FH 15 Series	9 9/16"
20C		FNS NPT (Female)	12 3/4"
20C0		For 20C/20C0 Series	16 1"
60C		FH 20 Series	
60C0		For 60C/60C0 Series	
		FH 60 Series	

Code	O-ring Material	Temperature Range
	Fluorocarbon FKM	0 to 400°F (-17.8 to 204°C)
N	NBR	-40 to 250°F (-40 to 121°C)
F	FFKM	-20 to 500°F (29 to 260°C)
E	EPDM	-50 to 300°F (-45 to 148°C)
K	Kalrez	-40 to 500°F (-40 to 250°C)

Options: O-ring
 Fluorocarbon FKM is standard. For other materials, add a material code to the valve Ordering number.
 Example: 20CSS-FH6-K

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HIGH PRESSURE METERING VALVES

10,000 PSI TO 60,000 PSI RATED

PRECISE METERING VALVES

- The design of Barrel and Thimble micrometer permits repeatable settings. Each division of barrel equal to 0.025" Thimble is divided into 25 divisions, each division of thimble equal is to 0.001" stem travel One revolution equal to valve stem 0.025" travel
- Precise Metering valves are not intended for use as shut-off valves
- The minimum flow rate is factory set at "0" position. The valve will be damaged when the valve is operated below "0" position. When shut-off is required, a correlated shut-off valve from 15B, 20B, 15N, 20N, 30N and 60N series valves should be installed in series with the Precise Metering valves
- Packing is located under the thread of valve stem
- Reliable locking device for packing gland
- Extended stuffing box valve with graphite can be operated to 1200°F (649°C)



PRECISE METERING VALVES

- End connections:
 - 15M series: 1/8" and 1/4" tube fittings
 - 30M series: 1/4" tube fittings
 - 60M series: 1/4" and 3/8" tube fittings
- Body materials: 316 SS
- Orifice sizes: 0.062"
- Flow coefficient (Cv): 0.04
- Working pressure up to:
 - 15M series: 15000 psig (1034 bar)
 - 30M series: 30000 psig (2068 bar)
 - 60M series: 60000 psig (4137 bar)
- Working temperature: -100°F to 1200°F (-73°C to 649°C)



PART NUMBER DESCRIPTION

30M SS - FH4 - G

SERIES	BODY MATERIAL	CONNECTOR SIZES	PACKING MATERIAL
15M	SS 316 SS	FH2 1/8"	PTFE
30M		FH4 1/4"	Nylon (60M Only)
60M		FH6 3/8"	TG RPTFE Glass
			G Graphite
			HT Extend stuffing box valve with Graphite

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HIGH PRESSURE RELIEF VALVES

10,000 PSI TO 60,000 PSI RATED

HIGH PRESSURE RELIEF VALVES

- Maximum back pressure: 500 psig (34.5 bar)
- Liquid or gas service
- Pressure settings of HSR Series and HMR Series valves are made at the factory and valves are tagged accordingly. State the required set pressure with the order
- Lock wired secure cap to maintain set pressure
- Easily exchangeable replaceable seat
- Free assembly positions



HSR SERIES RELIEF VALVES

- Inlet connection:
 - 9/16" of 20 series tube fittings
- Outlet connection: 3/4" NPT thread
- Body materials: 316 SS
- Orifice sizes: 0.156" to 0.312"
- Soft seat relief valves
- Set pressure: 1500 to 20000 psig (103.4 to 1378.9 bar)
- Working temperature: 32°F to 400°F (0°C to 204°C)



HMR SERIES RELIEF VALVES

- Inlet connection:
 - 9/16" of 20 series tube fittings
 - 3/8" of 60 series tube fittings
- Outlet connection: 3/4" NPT thread
- Body materials: 316 SS
- Orifice sizes: 0.078" to 0.312"
- Metal seat relief valves
- Set pressure: 3000 to 60000 psig (206.8 to 4136.8 bar)
- Working temperature: 110°F to 500°F (-79°C to 260°C)



HAR SERIES RELIEF VALVES

- Inlet connection:
 - 9/16" of 20 series tube fittings
- Outlet connection: 3/4" NPT thread
- Body materials: 316 SS
- Orifice sizes: 0.093" to 0.197"
- Soft seat relief valves
- Set pressure: 3000 to 20000 psig (206.8 to 1378.9 bar)
- Working temperature: 32°F to 400°F (0°C to 204°C)



HIGH PRESSURE FILTERS

10,000 PSI TO 60,000 PSI RATED

DUAL-DISC LINE FILTERS

- Dual-disc line filters are utilized in chemical processing, aerospace, nuclear and other applications
- The large contamination particles are filtered by upstream element. The rest of the contamination particles are filtered by downstream element
- Easy to replace filter element
- Standard size of downstream/upstream nominal pore is 5/10, 10/35 and 35/65 μm
Other element combinations also available on special order
- Pressure differential not to exceed 1,000 psig (69 bar) in a flowing condition



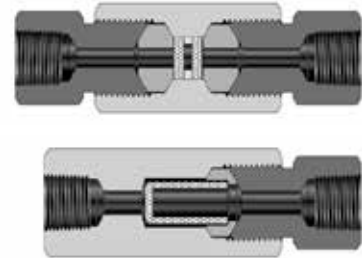
CUP-TYPE LINE FILTERS

- The filter elements can be quickly and easily replaced
- Cup-type Line Filters are recommended in high pressure systems requiring both maximum filter surface area and high flow rates. Cup-type Line Filters are widely used in chemical processing and industrial fields. The cup design of this filter offers about six times the effective filter area as compared to disc-type units
- Nominal pore sizes for filter element: 5, 35 and 65 μm
- Pressure differential not to exceed 1,000 psig (69 bar) in a flowing condition



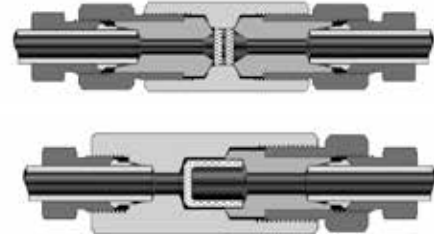
10FD 10FC SERIES LINE FILTERS

- Inlet connection:
3/4" NPT and 1" NPT
- Body materials: 316 SS
- Orifice sizes:
10FD Series: 0.359" and 0.563"
10FC Series: 0.516" and 0.688"
- Set pressure: 10000 psig (690 bar)
- Working temperature: -60°F to 400°F (-50°C to 204°C)



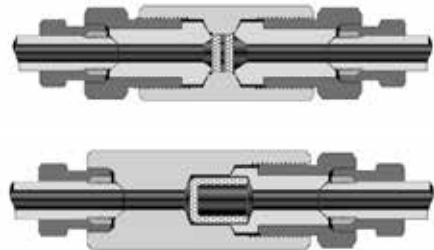
15FD 15FC SERIES LINE FILTERS

- End connections:
1/8", 1/4", 3/8", 1/2" tube fittings
1/8" NPT, 1/4" NPT, 3/8" NPT, 1/2" NPT
- Body materials: 316 SS
- Orifice sizes:
15FD Series: 0.094", 0.125", 0.188" and 0.312"
15FC Series: 0.125", 0.188", 0.132" and 0.438"
- Working pressure up to: 15000 psig (1034 bar)
- Working temperature:
Tube fittings: -60°F to 660°F (-50°C to 350°C)
NPT thread ends: -60°F to 400°F (-50°C to 204°C)



20FD 20FC SERIES LINE FILTERS

- End connections:
20FD Series: 9/16" tube fitting
20FC Series: 1/4", 3/8", 9/16", 3/4" and 1" tube fittings
- Body materials: 316 SS
- Orifice sizes:
20FD Series: 0.312"
20FC Series: 0.125", 0.218", 0.359", 0.516" and 0.688"
- Working pressure up to: 20000 psig (1379 bar)
- Working temperature: -60°F to 660°F (-50°C to 350°C)



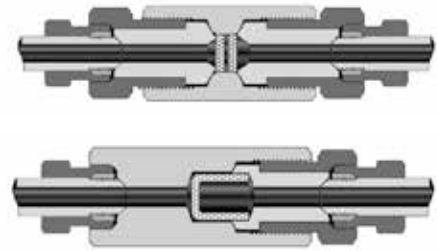
FITOK
Valves and Fittings

HIGH PRESSURE FILTERS

10,000 PSI TO 60,000 PSI RATED

60FD 60FC SERIES LINE FILTERS

- End connections: 1/4", 3/8" and 9/16" tube fittings
- Body materials: 316 SS
- Orifice sizes:
60FD Series: 0.094", 0.125" and 0.187"
60FC Series: 0.094", 0.125" and 0.187"
- Working pressure up to: 60000 psig (4137 bar)
- Working temperature: -60°F to 660°F (-50°C to 350°C)



PART NUMBER DESCRIPTION

15FD SS - FH 4 - 1035

SERIES	BODY MATERIAL	CONNECTION	SIZE	NOMINAL PORE SIZE
10FD	SS 316 SS	For 10FD/10FC Series	2 1/8"	For 10FD/15FD/20FD/60FD Series
10FC		FNS NPT (Female)	4 1/4"	0510 5/10 µm
15FD		For 15FD/15FC Series	6 3/8"	1035 10/35 µm
15FC		FH 15 Series	8 1/2"	3565 35/65 µm
20FD		FNS NPT (Female)	9 9/16"	For 10FC/15FC/20FC/60FC Series
20FC		For 20FD/20FC Series	12 3/4"	5 5 µm
60FD		FH 20 Series	16 1"	35 35 µm
60FC		For 60FD/60FC Series		65 65 µm
		FH 60 Series		

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HIGH PRESSURE TUBING

15,000 PSI TO 60,000 PSI RATED

15 SERIES TUBING

- Working pressures up to: 15000 psig (1034 bar)
- 316 / 316L and 304 / 304L stainless steel are standard materials. Other materials available on request
- Example:
316 SS: SS-15T4-083-6M
304 SS: S4-15T8-156-5



20 SERIES TUBING

- Working pressures up to: 20000 psig (1379 bar)
- 316 / 316L and 304 / 304L stainless steel are standard materials. Other materials available on request
- Example:
316 SS: SS-MT-2FH6-10
304 SS: S4-MT-2FH9-3M



60 SERIES TUBING

- Working pressures up to: 60000 psig (4137 bar)
- 316 / 316L and 304 / 304L stainless steel are standard materials. Other materials available on request
- Example:
316 SS: SS-HT-6FH4-5
304 SS: S4-HT-6FH6-3M




TWIN FERRULE UP TO 10,000 PSI TUBE FITTINGS

FEATURES

- Sizes range from 1/16" to 2" and 2mm to 50mm
- Diverse materials and configurations are available
- Precision machined components ensure perfect deformation of the ferrules and tubing
- Hardened threads and smoothed surface finishes extend fitting life and prevent sticking of the matching threads
- Female nut threads are silver-plated to minimize the friction with body threads
- Radius junction design within elbows provides smooth flow path
- Every fitting is stamped with size, material and heat code
- Fittings are easy to disconnect and retighten




WORKING PRESSURES OF NPT THREAD ENDS

	316 Stainless Steel and Carbon Steel				Brass			
	psig	bar	psig	bar	psig	bar	psig	bar
1/16	11000	757	6700	460	5500	378	3300	227
1/8	10000	690	6500	447	5000	344	3200	220
1/4	8000	551	6600	454	4000	275	3300	227
3/8	7800	537	5300	365	3900	268	2600	179
1/2	7700	530	4900	337	3800	261	2400	165
3/4	7300	502	4600	316	3600	248	2300	158
1	5300	365	4400	303	2600	179	2200	151
1 1/4	6000	410	5000	344	3000	200	2500	172
1 1/2	5000	344	4600	317	2500	172	2300	158
2	3900	268	3900	268	1900	130	1900	130

Working pressure is based on ANSI / ASME B31.3 at ambient temperature.

WORKING PRESSURES OF ADJUSTABLE ISO PARALLEL THREAD ENDS (PP)

	316 Stainless Steel and Carbon Steel	
	psig	bar
1/8	4568	315
1/4		
3/8		
1/2	2320	160
3/4		
1		


TWIN FERRULE

UP TO 10,000 PSI TUBE FITTINGS

WORKING PRESSURES OF SAE / MS THREAD ENDS

	316 Stainless Steel and Carbon Steel			
	Non-adjustable		Adjustable	
	psig	bar	psig	bar
5/16-24	4568	315	4568	315
3/8-24				
7/16-20				
1/2-20			3626	250
9/16-18				
3/4-16	3626	250	2900	200
7/8-14				
1 1/16-12	2900	200	2320	160
1 3/16-12				
1 5/16-12				
1 5/8-12	2320	160	1813	125
1 7/8-12				
2 1/2-12	1813	125	1450	100


















WORKING PRESSURES FOR MST STUD ENDS

	316 Stainless Steel and Carbon Steel			
	Non-adjustable		Adjustable	
	psig	bar	psig	bar
M8 x 1	5800	400	4568	315
M10 x 1				
M12 x 1.5				
M14 x 1.5				
M16 x 1.5				
M18 x 1.5	4568	315	3626	250
M20 x 1.5				
M22 x 1.5				
M27 x 2				
M30 x 2	2900	200	2320	160
M33 x 2				
M42 x 2				
M48 x 2				
M60 x 2				

WORKING PRESSURES









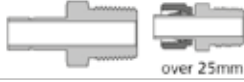








- The maximum working pressures of the tube ends at ambient temperature are determined by the maximum working pressure of the FITOK Tubing that is used. Refer to FITOK Tube and Pipes.
- The maximum working pressure of the whole fitting is determined by the end connection with the lowest pressure rating.

TWIN FERRULE UP TO 10,000 PSI TUBE FITTINGS

CONFIGURATION	FITTING TYPE	EXAMPLE
	Male Connector	SS-CM-ML12-NS8
	Bulkhead Male Connector	S4-BCM-FL8-AN8
	Thermocouple Connector	S1-TCM-FL8-NS8
	Female Connector	B-CF-FL8-RG6
	Bulkhead Female Connector	CS-BCF-ML12-NS8
	Union	M-U-FL12
	Bulkhead Union	HC-BU-ML10
	Male Elbow	T-LM-FL8-NS8
	Positionable Male Elbow	TI-LP-ML14-ST14
	Female Elbow	PA-LF-FL8-NS8
	Union Elbow	INC-LU-FL8
	Male Run Tee	A20-TMT-FL8-NS8
	Male Branch Tee	D5-TTM-ML16-NS8
	Positionable Male Run Tee	AL-TPT-FL8-ST14
	Positionable Male Branch Tee	A65-TTP-FL8-PP8
	Female Run Tee	SS-TFT-FL8-NS8
	Female Branch Tee	SS-TTF-ML12-NS8

TWIN FERRULE

UP TO 10,000 PSI TUBE FITTINGS

CONFIGURATION	FITTING TYPE	EXAMPLE
	Union Tee	SS-TTT-FL6
	Union Cross	SS-C-FL8
	Cap	SS-TC-FL8
	Plug	SS-TP-ML12
	Nut and Ferrules	SS-NFR-FL8
	Reducer	SS-R-FL8-MT12
	Insert for Soft Plastic Tubing	SS-IN-8-6
 over 25mm	Port Connector	SS-P-FL4
 over 25mm	Male Adaptor	SS-AM-FT8-RT8
 over 25mm	Female Adaptor	SS-AF-MT12-NS8
	Flange Adaptor	SS-FA-FL6-F8-300
	Weld Connector	SS-CW-FL8-TS8
	Weld Elbow	SS-LW-FL8-PB8
	Lapped Flange Connector	SS-LFC-FL6A
	Calibrating Fitting	SS-FC-FL4-1428
	Dielectric Fitting	SS-DF-FL6
	Nut-Ferrule Set	SS-NFS-FL6

TWIN FERRULE UP TO 10,000 PSI TUBE FITTINGS

CONFIGURATION	FITTING TYPE	EXAMPLE
	Ferrule Set	SS-FRS-FL6
	45° Male Elbow	SS-VM-FL5-NS2
	45° Adjustable Male Elbow	SS-VP-FL16-ST21
	Vent Protector	SS-VPF-NS12
	Fusible Fittings	SS-GFTA4-160

TWIN FERRULE

PART NUMBER DESCRIPTION

SS - CM - ML 12 - NS 8 - [] - [] - []

MATERIAL		FITTING TYPE		P1 TYPE		P1 SIZE		P2 TYPE		P2 SIZE		P3 & P4	CLEANING & PACKAGING	
SS	316 SS	CM	Male Connector	ML	Metric Ferrule	1	1/16"	Except the same as the P1, the other type follows:		Except the same as the P1, the other type follows:		Specify in the same way as P2		FC-01
S4	304 SS	BCM	Bulkhead Male Connector	FL	Fractional Ferrule	2	1/8" or 2mm	NS	NPT Thread	5	M5 x 0.8 or 5/16-24	F2	FC-02	
S1	321 SS	TCM	Thermocouple Connector	MT	Metric Tube	3	3/16" or 3mm	ONS	O-ring with NPT Thread	6	M6 x 1 or 3/8-24			
904L	904L SS	CF	Female Connector	FT	Fractional Tube	4	1/4" or 4mm	RT	ISO Tapered thread	7	7/16-20			
TI	Titanium	BCF	Bulkhead Female Connector			5	5/16"	RS	ISO Parallel Thread	8	M8 x 1 or 1/2-20			
D5	Duplex 2205	U	Union			6	3/8" or 6mm	RP	ISO Parallel Thread	9	9/16-18			
D7	Duplex 2507	BU	Bulkhead Union			8	1/2" or 8mm	RG	ISO Parallel Thread (Gauge)	10	M10 x 1			
A20	Alloy 20	LM	Male Elbow			10	5/8" or 10mm	RJ	ISO Parallel Thread (Japanese Gauge)	12	M12 x 1.5 or 3/4-16			
M	Alloy 400	VM	45 Male Elbow			12	3/4" or 12mm	PP	Positionable, ISO Parallel Thread	14	M14 x 1.5 or 7/8-14			
INC	Alloy 600	VP	45 Adjustable Male Elbow			14	7/8" or 14mm	ST	SAE/MS Straight Thread	16	M16 x 1.5			
A65	Alloy 625	LP	Positionable Male Elbow			15	15mm	AN	37" Flare	17	1 1/16-12			
HC	Alloy C-276	LF	Female Elbow			16	1" or 16mm	MS	Male Metric Thread	18	M18 x 1.5			
CS	Carbon Steel	LU	Union Elbow			18	1 1/8" or 18mm	TS	Fractional Tube Socket Weld	19	1 3/16-12			
AL	Aluminium	TMT	Male Run Tee			20	1 1/4" or 24mm	PB	Pipe Butt Weld	20	M20 x 1.5			
B	Brass	TTM	Male Branch Tee			22	22mm			21	1 5/16-12			
PA	Nylon	TPT	Positionable Male Run Tee			24	1 1/2" or 24mm			22	M22 x 1.5			
T	PTFE	TTP	Positionable Male Branch Tee			25	25mm			24	M24 x 1.5			
		TFT	Female Run Tee			28	28mm			26	1 5/8-12			
		TTF	Female Branch Tee			30	30mm			27	M27 x 2			
		TTT	Union Tee			32	2" or 32mm			30	1 7/8-12			
		C	Union Cross			38	38mm							
		TC	Cap			50	50mm							
		TP	Plug											
		R	Reducer											
		P	Port Connector											
		AM	Male Adaptor											
		AF	Female Adaptor											
		CW	Weld Connector											
		LW	Weld Elbow											
		DF	Dielectric Fitting											

NB: "Part Number Description" is used for composition rules of Abdex product model, not suitable for specific product part number selection, not random combinations. If in doubt, please contact Abdex.

37° FLARED TUBE FITTINGS

TUBE FITTINGS

FEATURES






- Fittings are designed and manufactured in compliance with SAEJ514
- Sizes range from 1/8" to 2" and 3mm to 50mm
- 316 stainless steel, aluminium, brass and carbon steel materials are available
- Hardened threads and smoothed surface finishes extend fitting life and prevent sticking of the matching threads
- Radius junction design within elbows provides smooth flow path
- Every fitting is stamped with size, material and heat code.
- Female nut threads are silver-plated to minimize the friction with body threads
- Fittings are easy to disconnect and retighten



WORKING PRESSURES OF 37° FLARE TUBE FITTINGS

Nom. SAE dash size	Nom. Tube O.D size inch	37° Flare St. thread	Nom. Pipe size	SAE St. Thread Union and Bulkhead	Fittings with pipe threads
				psig / bar	psig / bar
2	1/8	5/16-24	1/8	5000 (345)	5000 (345)
3	3/16	3/8-24	1/8	5000 (345)	5000 (345)
4	1/4	7/16-20	1/8	5000 (345)	5000 (345)
5	5/16	1/2-20	1/8	5000 (345)	5000 (345)
6	3/8	9/16-18	1/4	5000 (345)	4000 (276)
8	1/2	3/4-16	3/8	4500 (310)	3000 (207)
10	5/8	7/8-14	1/2	3500 (241)	3000 (207)
12	3/4	1 1/16-12	3/4	3500 (241)	2500 (172)
14	7/8	1 3/16-12	3/4	3000 (207)	2500 (172)
16	1	1 5/16-12	1	3000 (207)	2000 (138)
20	1 1/4	1 5/8-12	1 1/4	2500 (172)	1150 (79)
24	1 1/2	1 7/8-12	1 1/2	2000 (138)	1000 (69)
32	2	2 1/2-12	2	1500 (103)	1000 (69)

Working pressures given are for carbon steel only.
Four times safety factor applied for above working pressure.

CONFIGURATION	FITTING TYPE	EXAMPLE
	Sleeve	SS-SL-AN8
	Nut	AL-N-AN8
	Male Connector	B-CM-AN8-NS8
	Female Connector	CS-CF-AN8-RT6
	Union	SS-U-AN8

37° FLARED TUBE FITTINGS

TUBE FITTINGS

CONFIGURATION	FITTING TYPE	EXAMPLE
	Reducing Adaptor	SS-RA-AN8-AN4
	Bulkhead Union	SS-BU-AN6
	Tube Plug	SS-TP-AN6
	Tube Cap	SS-TC-AN6
	Male Elbow	SS-LM-AN8-NS4
	Positionable Male Elbow	SS-LP-AN10-ST14
	45° Male Elbow	SS-VM-AN8-NS6
	Female Elbow	SS-LF-AN8-NS6
	Union Elbow	SS-LU-AN4
	Male Branch Tee	SS-TTM-AN8-NS4
	Male Run Tee	SS-TMT-AN8-RT4
	Female Branch Tee	SS-TTF-AN8-RT4
	Female Run Tee	SS-TFT-AN8-NS4
	Union Tee	SS-TTT-AN8
	Union Cross	SS-C-AN12

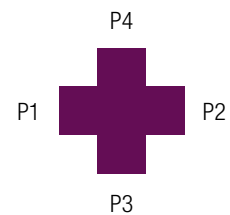
37° FLARED TUBE FITTINGS PART NUMBER DESCRIPTION

SS - CM - AN 8 - NS 8 - [] - []

MATERIAL		FITTING TYPE		P1 TYPE		P1 SIZE		P2 TYPE		P2 SIZE		P3 & P4
SS	316 SS	SL	Sleeve	AN	37° Flare	1	1/16"	Except the same as the P1, the other type follows:		Except the same as the P1, the other type follows:		Specify in the same way as P2
AL	Aluminium	N	Nut	AS	37° Flare Swivel	2	1/8" or 2mm	NS	NPT Thread	5	5/16-24	
B	Brass	CM	Male Connector			3	3/16" or 3mm	RT	ISO Tapered thread	6	3/8-24	
CS	Carbon Steel	CF	Female Connector			4	1/4" or 4mm	ST	SAE/MS Straight Thread	7	7/16-20	
		U	Union			5	5/16"			8	1/2-20	
		HU	Large Hex Union			6	3/8" or 6mm			9	9/16-18	
		RA	Reducing Adaptor			8	1/2" or 8mm			12	3/4-16	
		BU	Bulkhead Union			10	5/8" or 10mm			14	7/8-14	
		TP	Plug			12	3/4" or 12mm			17	1 1/16-12	
		TC	Cap			14	7/8" or 14mm			19	1 3/16-12	
		LM	Male Elbow			15	15mm			21	1 5/16-12	
		VM	45° Male Elbow			16	1" or 16mm			26	1 5/8-12	
		LP	Positionable Male Elbow			18	1 1/8" or 18mm			30	1 7/8-12	
		LF	Female Elbow			20	1 1/4" or 20mm			40	2 1/2-12	
		LU	Union Elbow			22	22mm					
		TMT	Male Run Tee			24	1 1/2" or 24mm					
		TTM	Male Branch Tee			25	25mm					
		TFT	Female Run Tee			28	28mm					
		TTF	Female Branch Tee			32	2" or 32mm					
		TTP	Positionable Male Branch Tee			38	38mm					
		TTT	Union Tee			50	50mm					
		C	Union Cross									

NB: "Part Number Description" is used for composition rules of Abdex product model, not suitable for specific product part number selection, not random combinations. If in doubt, please contact Abdex.

- P1, P2, P3 and P4 shall be described in the following orders:
- 37° Flare - 37° Flare Swivel - NPT Thread - ISO Tapered thread - SAE/MS Straight Thread - Others
 - Describe in descending order as per size if the end Connection types are the same
 - Describe the end of P1 if all end connections are the same.



6 SERIES FITTINGS


PIPE FITTINGS

FEATURES

- Sizes range from 1/16" to 2"
- Materials include stainless steel, alloy 400, alloy 600, brass and carbon steel
- End connections with NPT, ISO / BSP, SAE, and metric threads are available
- Hardened threads and smoothed surface finishes extend fitting life and prevent sticking of the matching threads
- Radius junction design within elbows provides smooth flow path
- Every fitting is stamped with size, material and heat code




WORKING PRESSURES OF NPT THREAD ENDS

	316 Stainless Steel and Carbon Steel				Brass			
	psig	bar	psig	bar	psig	bar	psig	bar
1/16	11000	757	6700	460	5500	378	3300	227
1/8	10000	690	6500	447	5000	344	3200	220
1/4	8000	551	6600	454	4000	275	3300	227
3/8	7800	537	5300	365	3900	268	2600	179
1/2	7700	530	4900	337	3800	261	2400	165
3/4	7300	502	4600	316	3600	248	2300	158
1	5300	365	4400	303	2600	179	2200	151
1 1/4	6000	410	5000	344	3000	200	2500	172
1 1/2	5000	344	4600	317	2500	172	2300	158
2	3900	268	3900	268	1900	130	1900	130

Working pressure is based on ANSI / ASME B31.3 at ambient temperature.

WORKING PRESSURES OF SAE / MS THREAD ENDS

	316 Stainless Steel and Carbon Steel			
	Non-adjustable		Adjustable	
	psig	bar	psig	bar
5/16-24	4568	315	4568	315
3/8-24				
7/16-20				
1/2-20				
9/16-18	3626	250	3626	250
3/4-16				
7/8-14	3626	250	2900	200
1 1/16-12				
1 3/16-12				
1 5/16-12	2900	200	2320	160
1 5/8-12				
1 7/8-12	2320	160	1813	125
2 1/2-12				
2 1/2-12	1813	125	1450	100

6 SERIES FITTINGS

PIPE FITTINGS

WORKING PRESSURES FOR MST STUD ENDS

	316 Stainless Steel and Carbon Steel			
	Non-adjustable		Adjustable	
	psig	bar	psig	bar
M8 x 1	5800	400	4568	315
M10 x 1				
M12 x 1.5				
M14 x 1.5				
M16 x 1.5	4568	315	3626	250
M18 x 1.5				
M20 x 1.5				
M22 x 1.5				
M27 x 2	2900	200	2320	160
M30 x 2				
M33 x 2				
M42 x 2				
M48 x 2				
M60 x 2				
M60 x 2	2320	160	1450	100









6 SERIES FITTINGS

PIPE FITTINGS

CONFIGURATION	FITTING TYPE	EXAMPLE
	Pipe Plug	SS-PP-MRS14
	Hollow Hex Plug	S4-PI-NS4
	Close Nipple	S1-PCN-RT6
	Special Pipe Nipple	M-PSN-NS6-50.8
	Hex Nipple	INC-PHN-NS8-RP8
	Hex Long Nipple	B-PLN-NS6-76.2
	Reducing Bushing	CS-PRB-NS8-RT4
	Pipe Cap	SS-PC-NS4
	Hex Coupling	SS-PCG-NS12-NS8
	Union Ball Joint	SS-UBJ-NS4
	Adaptor	SS-PA-NS8-ST12
	Male Elbow	SS-PME-NS6
	Street Elbow	SS-PSE-RT6-RT4
	45° Street Elbow	SS-PSV-NS6-NS4
	Female Elbow	SS-PE-NS6
	45° Female Elbow	SS-PVE-NS6
	Male Tee	SS-PMT-NS4
	Female Branch Tee	SS-PTB-NS6

6 SERIES FITTINGS

PIPE FITTINGS

CONFIGURATION	FITTING TYPE	EXAMPLE
	Female Run Tee	SS-PTR-RT6
	Male Street Tee	SS-PST-NS6
	Male Branch Tee	SS-PBT-NS6
	Female Tee	SS-PT-RT8
	Female Cross	SS-PCR-NS6
	Pipe to Pipe Union	SS-PUP-MS20-NS4
	Hand Tight Adaptor Fitting	SS-HF-MS20-FMS20
	Fusible Fittings	SS-GFPP-4-160

6 SERIES FITTINGS

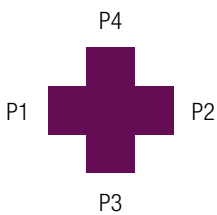
PART NUMBER DESCRIPTION

SS - PSE - NS 6 - NS 4 - [] - [] - S - []

MATERIAL		FITTING TYPE	P1 TYPE	P1 SIZE	P2, P3 & P4	SPECIAL APPLICATION	CLEANING & PACKAGING
SS	316 SS	PP Pipe Plug	NS NPT Thread	1 1/8"	Specify in the same way as the P1	NO	FC-01
S4	304 SS	PI Hollow Hex Plug	RT ISO Tapered thread	4 1/4"		S NACE MR0175	F2 FC-02
S1	321 SS	PCN Close Nipple	RG ISO Parallel Thread (Gauge)	5 5/16-24			Classification for Nuclear Facility Application
M	Alloy 400	PSN Special Pipe Nipple	BP ISO Parallel Thread	6 3/8" or 3/8-24		N2 Class 2	
INC	Alloy 600	PHN Hex Nipple	RS ISO Parallel Thread	7 7/16-20		N3 Class 3	
HC	Alloy C-276	PLN Hex Long Nipple	MRS Male Metric Thread	8 1/2" or M8 x 1			
B	Brass	PRB Reducing Bushing	MS Male Metric Thread	9 9/16-18			
CS	Carbon Steel	PC Pipe Cap	ST Male SAE/MS Straight Thread	10 M10 x 1			
904L	904L SS	PCG Hex Coupling	US Female SAE/MS Straight Thread	12 3/4" or M12 x 1.5 or 3/4-16			
		UBJ Union Ball Joints		14 M14 x 1.5 or 7/8-14			
		PA Adaptor		16 1" or M16 x 1.5			
		PME Male Elbow		17 1 1/4" or M20 x 1.5			
		PSE Street Elbow		18 M18 x 1.5			
		PSV 45° Street Elbow		19 1 3/16-12			
		PE Female Elbow		20 1 1/4" or M20 x 1.5			
		PVE 45° Female Elbow		21 1 5/16-12			
		PMT Male Tee		22 M22 x 1.5			
		PTB Female Branch Tee		24 1 1/2" or M24 x 1.5			
		PTR Female Run Tee		26 1 5/8-12			
		PST Male Street Tee		27 M27 x 2			
		PBT Male Branch Tee		30 1 7/8-12 or M30 x 2			
		PT Female Tee		32 2"			
		PCR Female Cross					
		PUP Pipe to Pipe Union					
		HF Hand Tight Adaptor Fitting					

P1, P2, P3 and P4 shall be described in the following orders:

- NPT Thread - ISO Tapered thread - ISO Parallel Thread - SAE/MS Straight Thread - Metric Thread - Others
- Male after female but the "PRB" and the "HF" types are not included
- Describe in descending order as per size if the end Connection types are the same
- Describe the end of P1 if all end connections are the same.



NB: "Part Number Description" is used for composition rules of Abdex product model, not suitable for specific product part number selection, not random combinations. If in doubt, please contact Abdex.

Cleaning and Packaging:

FC-01: Standard cleaning and packaging for general industrial procedures.

FC-02: Special cleaning and packaging for wetted system components to ensure compliance with product cleanliness requirement as stated in ASTM G93 Level C.

10,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

FEATURES

- The hardened threads with smooth surface finishing avoid galling and help to extend the fitting service life
- Radius junction design with elbows provides smooth flow path
- Every fitting is stamped with size, material and heat code
- 316 stainless steel is standard material. Other materials are available upon request



CONFIGURATION	FITTING TYPE	EXAMPLE
	Pipe Plug	SS-HPP-NS8-10K
	Hex Nipple	SS-HPHN-NS4-AN6-10K
	Hex Long Nipples	SS-HPLN-NS8-3-10K
	Pipe Caps	SS-HPC-NS6-10K
	Hex Couplings	SS-HPCG-RT6-RT4-10K
	Adaptors	SS-HPA-NS6-RT8-10K
	Male Elbows	SS-HPME-NS2-10K
	Street Elbows	SS-HPSE-NS4-10K
	Female Elbows	SS-HPE-NS8-10K
	Male Tees	SS-HPMT-NS6-10K
	Male Street Tees	SS-HPST-RT4-10K
	Male Branch Tees	SS-HPBT-NS4-10K
	Female Tees	SS-HPT-NS8-10K
	Female Crosses	SS-HPCR-NS6-10K

10,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

THREAD SPECIFICATIONS

Connection type	Code	Thread type	Thread specifications
NPT	NS	NPT	ASME B1.20.1, SAE AS71051
ISO Tapered	RT	ISO Tapered	ISO 7-1, BS EN 10226-1, JIS B0203
JIC (37° Flare)	AN	SAE/MS	ASME B1.1
ISO Parallel Male	HBP	ISO Parallel	ISO Parallel - ISO 228 JISB0202 BS2779
ISO Parallel Female Swivel	SBP	ISO Parallel	ISO Parallel - ISO 228 JISB0202 BS2779

WORKING TEMPERATURE

Connection type	Temperature rating
NPT	-325°F to 400°F (-198°C to 204°C)
ISO Tapered	-325°F to 400°F (-198°C to 204°C)
JIC (37° Flare)	-423°F to 1200°F (-252°C to 649°C)
ISO Parallel Male	-423°F to 1200°F (-252°C to 649°C)
ISO Parallel Female Swivel	-423°F to 1200°F (-252°C to 649°C)

ELEVATED TEMPERATURE FACTORS

To get the maximum working pressure at elevated temperature, use the maximum working pressure at ambient temperature to multiply the factors in the table below.

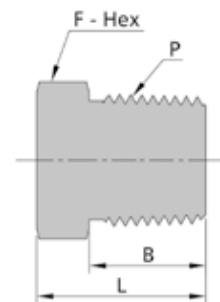
Material	Temperature		Factor
	°F	°C	
316	100	38	1
316	200	93	1
316	300	149	1
316	400	204	0.97
316	500	260	0.90
316	600	316	0.85
316	700	371	0.82
316	800	427	0.80

Data in this table is applied only to the working temperature below 800°F (427°C). For the working temperature above 800°F (427°C) please consult Abdex, and we will provide you a solution.

PIPE PLUGS



Male NPT threads

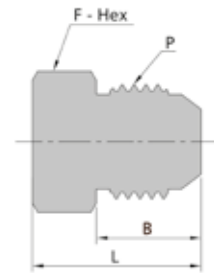
P-NPT Size	Ordering number	Dimensions - in. (mm)			Working pressure psig (bar)
		L	F	B	
1/8	SS-HPP-NS2-10K	0.63 (16.0)	0.44 (11.11)	0.38 (9.7)	10000 (690)
1/4	SS-HPP-NS4-10K	0.87 (22.2)	0.56 (14.3)	0.56 (14.2)	10000 (690)
3/8	SS-HPP-NS6-10K	0.93 (23.6)	0.69 (17.5)	0.56 (14.2)	10000 (690)
1/2	SS-HPP-NS8-10K	1.16 (29.5)	0.87 (22.2)	0.75 (19.1)	10000 (690)
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)





10,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

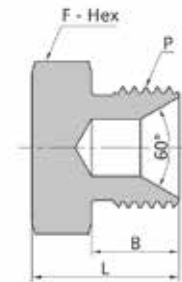
Male JIC

 P-SAE/MS	#	Dimensions - in. (mm)			 psig (bar)
		L	F	B	
7/16-20	SS-HPP-AN4-10K	0.83 (21.0)	0.50 (12.7)	0.55 (14.0)	10000 (690)
9/16-18	SS-HPP-AN6-10K	0.89 (22.7)	0.63 (15.9)	0.56 (14.1)	10000 (690)
3/4-16	SS-HPP-AN8-10K	1.05 (26.7)	0.81 (20.6)	0.66 (16.7)	10000 (690)
7/8-14	SS-HPP-AN10-10K	1.19 (30.3)	0.94 (23.8)	0.76 (19.3)	10000 (690)
1 1/16-12	SS-HPP-AN12-10K	1.37 (34.9)	1.13 (28.6)	0.86 (21.9)	10000 (690)
1 5/16-12	SS-HPP-AN16-10K	1.51 (38.3)	1.37 (34.9)	0.91 (23.1)	10000 (690)





Male BSP

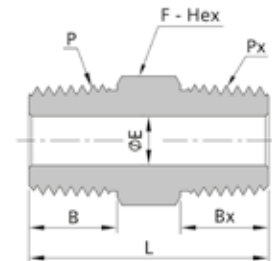
 P-ISO Parallel	#	Dimensions - in. (mm)			 psig (bar)
		L	F	B	
G 1/4	SS-HPP-HBP4	0.72 (18.2)	0.63 (18.2)	0.43 (11)	10000 (690)
G 3/8	SS-HPP-HBP6	0.8 (20.2)	0.81 (20.6)	0.47 (12)	10000 (690)
G 1/2	SS-HPP-HBP8	0.95 (24.2)	1.00 (25.4)	0.55 (14)	10000 (690)
G 3/4	SS-HPP-HBP12	1.11 (28.2)	1.25 (31.8)	0.63 (16)	10000 (690)
G 1	SS-HPP-HBP16	1.35 (34.2)	1.50 (38.1)	0.75 (19)	10000 (690)



HEX NIPPLES



Male NPT threads

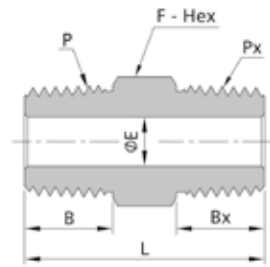
 P-NPT	Px-NPT	#	Dimensions - in. (mm)				 psig (bar)
			L	F	B	Bx	
1/8	1/8	SS-HPHN-NS2-10K	1.05 (26.6)	0.44 (11.11)	0.38 (9.7)	0.38 (9.7)	10000 (690)
1/4	1/8	SS-HPHN-NS4-NS2-10K	1.30 (32.9)	0.56 (14.3)	0.56 (14.3)	0.38 (9.7)	10000 (690)
1/4	1/4	SS-HPHN-NS4-10K	1.47 (37.4)	0.56 (14.3)	0.56 (14.2)	0.56 (14.2)	10000 (690)
3/8	1/8	SS-HPHN-NS6-NS2-10K	1.34 (34.1)	0.69 (17.5)	0.56 (14.2)	0.38 (9.7)	10000 (690)
3/8	1/4	SS-HPHN-NS6-NS4-10K	1.52 (38.6)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	10000 (690)
3/8	3/8	SS-HPHN-NS6-10K	1.52 (38.6)	0.69 (17.5)	0.56 (14.2)	0.38 (9.6)	10000 (690)
1/2	1/8	SS-HPHN-NS8-NS2-10K	1.58 (40.2)	0.87 (22.2)	0.75 (19.1)	0.38 (9.7)	10000 (690)
1/2	1/4	SS-HPHN-NS8-NS4-10K	1.76 (44.7)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	10000 (690)
1/2	3/8	SS-HPHN-NS8-NS6-10K	1.76 (44.7)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	10000 (690)
1/2	1/2	SS-HPHN-NS8-10K	1.94 (49.6)	0.87 (22.2)	0.75 (19.1)	0.75 (19.1)	10000 (690)
3/4	1/8	SS-HPHN-NS12-NS2	1.67 (42.4)	1.06 (27.0)	0.75 (19.1)	0.38 (9.7)	10000 (690)
3/4	1/4	SS-HPHN-NS12-NS4	1.85 (46.9)	1.06 (27.0)	0.75 (19.1)	0.56 (14.2)	10000 (690)
3/4	3/8	SS-HPHN-NS12-NS6	1.85 (46.9)	1.06 (27.0)	0.75 (19.1)	0.56 (14.2)	10000 (690)
3/4	1/2	SS-HPHN-NS12-NS8	2.04 (51.8)	1.06 (27.0)	0.75 (19.1)	0.75 (19.1)	10000 (690)
3/4	3/4	SS-HPHN-NS12	2.04 (51.8)	1.06 (27.0)	0.75 (19.1)	0.75 (19.1)	10000 (690)
1	1/8	SS-HPHN-NS16-NS2	1.96 (49.8)	1.37 (34.9)	0.94 (23.9)	0.38 (9.7)	10000 (690)
1	1/4	SS-HPHN-NS16-NS4	2.14 (54.3)	1.37 (34.9)	0.94 (23.9)	0.56 (14.2)	10000 (690)
1	3/8	SS-HPHN-NS16-NS6	2.14 (54.3)	1.37 (34.9)	0.94 (23.9)	0.56 (14.2)	10000 (690)
1	1/2	SS-HPHN-NS16-NS8	2.33 (59.2)	1.37 (34.9)	0.94 (23.9)	0.75 (19.1)	10000 (690)
1	3/4	SS-HPHN-NS16-NS12	2.33 (59.2)	1.37 (34.9)	0.94 (23.9)	0.75 (19.1)	10000 (690)
1	1	SS-HPHN-NS16	2.52 (64.0)	1.37 (34.9)	0.94 (23.9)	0.94 (23.9)	10000 (690)





10,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

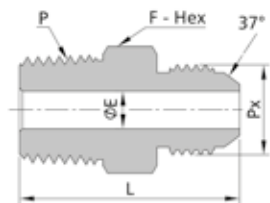
Male NPT threads / Male BSPT threads

		#	Dimensions - in. (mm)				
P-NPT	Px-ISO Tapered		L	F	B	Bx	
1/8	1/8	SS-HPHN-NS2-RT2-10K	1.05 (26.6)	0.44 (11.11)	0.38 (9.7)	0.38 (9.7)	10000 (690)
1/4	1/8	SS-HPHN-NS4-RT2-10K	1.30 (32.9)	0.56 (14.3)	0.56 (14.3)	0.38 (9.7)	10000 (690)
1/4	1/4	SS-HPHN-NS4-RT4-10K	1.47 (37.4)	0.56 (14.3)	0.56 (14.2)	0.56 (14.2)	10000 (690)
3/8	1/8	SS-HPHN-NS6-RT2-10K	1.34 (34.1)	0.69 (17.5)	0.56 (14.2)	0.38 (9.7)	10000 (690)
3/8	1/4	SS-HPHN-NS6-RT4-10K	1.52 (38.6)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	10000 (690)
3/8	3/8	SS-HPHN-NS6-RT6-10K	1.52 (38.6)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	10000 (690)
1/2	1/8	SS-HPHN-NS8-RT2-10K	1.58 (40.2)	0.87 (22.2)	0.75 (19.1)	0.38 (9.7)	10000 (690)
1/2	1/4	SS-HPHN-NS8-RT4-10K	1.76 (44.7)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	10000 (690)
1/2	3/8	SS-HPHN-NS8-RT6-10K	1.76 (44.7)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	10000 (690)
1/2	1/2	SS-HPHN-NS8-RT8-10K	1.95 (49.6)	0.87 (22.2)	0.75 (19.1)	0.75 (19.1)	10000 (690)
3/4	1/8	SS-HPHN-NS12-RT4	1.67 (42.4)	1.06 (27.0)	0.75 (19.1)	0.38 (9.7)	10000 (690)
3/4	1/4	SS-HPHN-NS12-RT4	1.85 (46.9)	1.06 (27.0)	0.75 (19.1)	0.56 (14.2)	10000 (690)
3/4	3/8	SS-HPHN-NS12-RT6	1.85 (46.9)	1.06 (27.0)	0.75 (19.1)	0.56 (14.2)	10000 (690)
3/4	1/2	SS-HPHN-NS12-RT8	2.04 (51.8)	1.06 (27.0)	0.75 (19.1)	0.75 (19.1)	10000 (690)
3/4	3/4	SS-HPHN-NS12-RT12	2.04 (51.8)	1.06 (27.0)	0.75 (19.1)	0.75 (19.1)	10000 (690)
1	1/8	SS-HPHN-NS16-RT2	1.96 (49.8)	1.37 (34.9)	0.94 (23.9)	0.38 (9.7)	10000 (690)
1	1/4	SS-HPHN-NS16-RT4	2.14 (54.3)	1.37 (34.9)	0.94 (23.9)	0.56 (14.2)	10000 (690)
1	3/8	SS-HPHN-NS16-RT6	2.14 (54.3)	1.37 (34.9)	0.94 (23.9)	0.56 (14.2)	10000 (690)
1	1/2	SS-HPHN-NS16-RT8	2.33 (59.2)	1.37 (34.9)	0.94 (23.9)	0.75 (19.1)	10000 (690)
1	3/4	SS-HPHN-NS16-RT12	2.33 (59.2)	1.37 (34.9)	0.94 (23.9)	0.75 (19.1)	10000 (690)
1	1	SS-HPHN-NS16-RT16	2.52 (64.0)	1.37 (34.9)	0.94 (23.9)	0.94 (23.9)	10000 (690)





Male NPT threads / Male JIC

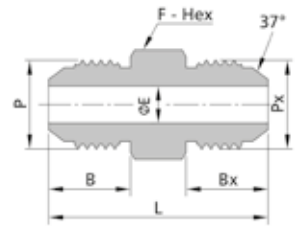
		#	Dimensions - in. (mm)			
P-NPT	Px-SAE/MS		L	F	E	
1/8	7/16-20	SS-HPHN-NS2-AN4-10K	1.23 (31.3)	0.50 (12.7)	0.17 (4.4)	10000 (690)
1/8	9/16-18	SS-HPHN-NS2-AN6-10K	1.31 (33.4)	0.63 (15.9)	0.22 (5.5)	10000 (690)
1/4	7/16-20	SS-HPHN-NS4-AN4-10K	1.46 (37.2)	0.56 (14.3)	0.17 (4.4)	10000 (690)
1/4	9/16-18	SS-HPHN-NS4-AN6-10K	1.49 (37.9)	0.63 (15.9)	0.28 (7.1)	10000 (690)
1/4	3/4-16	SS-HPHN-NS4-AN8-10K	1.65 (41.9)	0.81 (20.6)	0.28 (7.1)	10000 (690)
3/8	9/16-18	SS-HPHN-NS6-AN6-10K	1.52 (38.6)	0.69 (17.5)	0.30 (7.5)	10000 (690)
3/8	3/4-16	SS-HPHN-NS6-AN8-10K	1.62 (41.1)	0.81 (20.6)	0.38 (9.6)	10000 (690)
3/8	7/8-14	SS-HPHN-NS6-AN10-10K	1.79 (45.5)	0.94 (23.8)	0.38 (9.6)	10000 (690)
1/2	7/16-20	SS-HPHN-NS8-AN4-10K	1.75 (44.5)	0.87 (22.2)	0.17 (4.4)	10000 (690)
1/2	9/16-18	SS-HPHN-NS8-AN6-10K	1.75 (44.6)	0.87 (22.2)	0.30 (7.5)	10000 (690)
1/2	3/4-16	SS-HPHN-NS8-AN8-10K	1.86 (47.2)	0.87 (22.2)	0.39 (9.9)	10000 (690)
1/2	7/8-14	SS-HPHN-NS8-AN10-10K	1.98 (50.4)	0.94 (23.8)	0.47 (11.9)	10000 (690)
3/4	3/4-16	SS-HPHN-NS12-AN8	1.94 (49.4)	1.06 (27.0)	0.31 (8.0)	10000 (690)
3/4	7/8-14	SS-HPHN-NS12-AN10	2.05 (52.0)	1.06 (27.0)	0.37 (9.4)	10000 (690)
3/4	1 1/16-12	SS-HPHN-NS12-AN12	2.17 (55.0)	1.13 (28.6)	0.46 (11.6)	10000 (690)
3/4	1 5/16-12	SS-HPHN-NS12-AN16	2.30 (58.4)	1.37 (34.9)	0.57 (14.6)	10000 (690)
1	1 1/16-12	SS-HPHN-NS16-AN12	2.44 (62.0)	1.37 (34.9)	0.46 (11.6)	10000 (690)
1	1 5/16-12	SS-HPHN-NS16-AN16	1.49 (63.2)	1.37 (34.9)	0.57 (14.6)	10000 (690)





10,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

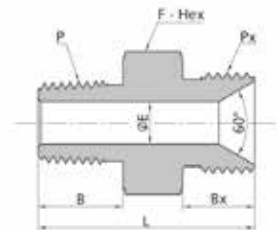
Male JIC

		#	Dimensions - in. (mm)				
P-SAE/MS	Px-SAE/MS		L	F	B	Bx	
7/16-20	7/16-20	SS-HPHN-AN4-10K	1.40 (35.6)	0.50 (12.7)	0.55 (14.0)	0.55 (14.0)	10000 (690)
9/16-18	7/16-20	SS-HPHN-AN6-AN4-10K	1.48 (37.7)	0.63 (15.9)	0.56 (14.3)	0.55 (14.0)	10000 (690)
9/16-18	9/16-18	SS-HPHN-AN6-10K	1.49 (37.8)	0.63 (15.9)	0.56 (14.1)	0.56 (14.1)	10000 (690)
3/4-16	9/16-18	SS-HPHN-AN8-AN6-10K	1.65 (41.8)	0.81 (20.6)	0.66 (16.7)	0.56 (14.1)	10000 (690)
3/4-16	3/4-16	SS-HPHN-AN8-10K	1.75 (44.4)	0.81 (20.6)	0.66 (16.7)	0.66 (16.7)	10000 (690)
7/8-14	9/16-18	SS-HPHN-AN10-AN6-10K	1.79 (45.4)	0.94 (23.8)	0.76 (19.3)	0.56 (14.1)	10000 (690)
7/8-14	3/4-16	SS-HPHN-AN10-AN8-10K	1.89 (48.0)	0.94 (23.8)	0.76 (19.3)	0.66 (16.7)	10000 (690)
7/8-14	7/8-14	SS-HPHN-AN10-10K	1.99 (50.6)	0.94 (23.8)	0.75 (19.3)	0.76 (19.3)	10000 (690)
1 1/16-12	3/4-16	SS-HPHN-AN12-AN8-10K	2.07 (52.6)	1.13 (28.6)	0.86 (21.9)	0.66 (16.7)	10000 (690)
1 1/16-12	7/8-14	SS-HPHN-AN12-AN10-10K	2.17 (55.2)	1.13 (28.6)	0.86 (21.9)	0.76 (19.3)	10000 (690)
1 1/16-12	1 1/16-12	SS-HPHN-AN12-10K	2.28 (57.8)	1.13 (28.6)	0.86 (21.9)	0.86 (21.9)	10000 (690)
1 5/16-12	7/8-14	SS-HPHN-AN16-AN10-10K	2.31 (58.6)	1.37 (34.9)	0.91 (23.1)	0.76 (19.3)	10000 (690)
1 5/16-12	1 1/16-12	SS-HPHN-AN16-AN12-10K	2.41 (61.2)	1.37 (34.9)	0.91 (23.1)	0.86 (21.9)	10000 (690)
1 5/16-12	1 1/16-12	SS-HPHN-AN16-10K	2.46 (62.4)	1.37 (34.9)	0.91 (23.1)	0.91 (23.1)	10000 (690)





Male NPT / Male BSPP threads

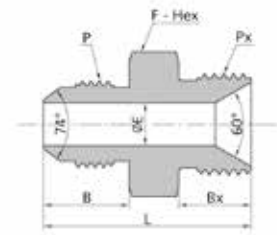
		#	Dimensions - in. (mm)					
P-NPT	Px-ISO parallel		L	F	B	Bx	E	
1/8	G 1/4	SS-HPHN-NS2-HBP4	1.15 (29.3)	0.63 (15.9)	0.38 (9.7)	0.43 (11.0)	0.19 (4.7)	10000 (690)
1/8	G 3/8	SS-HPHN-NS2-HBP6	1.25 (31.8)	0.81 (20.6)	0.38 (9.8)	0.47 (12.0)	0.22 (5.5)	10000 (690)
1/4	G 1/4	SS-HPHN-NS4-HBP4	1.33 (33.8)	0.63 (15.9)	0.56 (14.2)	0.43 (11.0)	0.19 (4.7)	10000 (690)
1/4	G 3/8	SS-HPHN-NS4-HBP6	1.43 (36.2)	0.81 (20.6)	0.56 (14.2)	0.47 (12.0)	0.28 (7.1)	10000 (690)
1/4	G 1/2	SS-HPHN-NS4-HBP8	1.77 (44.9)	1.00 (25.4)	0.56 (14.2)	0.75 (19.1)	0.28 (7.1)	10000 (690)
3/8	G 1/4	SS-HPHN-NS6-HBP4	1.35 (34.4)	0.69 (17.5)	0.56 (14.2)	0.43 (11.0)	0.19 (4.7)	10000 (690)
3/8	G 3/8	SS-HPHN-NS6-HBP6	1.43 (36.2)	0.81 (20.6)	0.56 (14.2)	0.47 (12.0)	0.31 (7.9)	10000 (690)
3/8	G 1/2	SS-HPHN-NS6-HBP8	1.77 (44.9)	1.00 (25.4)	0.56 (14.2)	0.75 (19.1)	0.38 (9.6)	10000 (690)
1/2	G 1/4	SS-HPHN-NS8-HBP4	1.55 (39.3)	0.69 (17.5)	0.75 (19.1)	0.43 (11.0)	0.19 (4.7)	10000 (690)
1/2	G 3/8	SS-HPHN-NS8-HBP6	1.62 (41.1)	0.81 (20.6)	0.75 (19.1)	0.47 (12.0)	0.31 (7.9)	10000 (690)
1/2	G 1/2	SS-HPHN-NS8-HBP8	1.96 (49.8)	1.00 (25.4)	0.75 (19.1)	0.75 (19.1)	0.47 (11.9)	10000 (690)





10,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

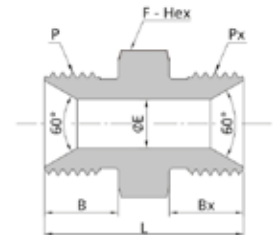
Male JIC / Male BSPP

		#	Dimensions - in. (mm)				
P-SAE/MS	Px-ISO Parallel		L	F	B	Bx	
7/16-20	G 1/4	SS-HPHN-AN4-HBP4	1.27 (32.2)	0.63 (15.9)	0.55 (14.0)	0.43 (11.0)	10000 (690)
7/16-20	G 3/8	SS-HPHN-AN4-HBP6	1.35 (34.2)	0.81 (20.6)	0.55 (14.0)	0.47 (12.0)	10000 (690)
9/16-18	G 1/4	SS-HPHN-AN4-HBP4	1.27 (32.2)	0.63 (15.9)	0.56 (14.1)	0.43 (11.0)	10000 (690)
9/16-18	G 3/8	SS-HPHN-AN6-HBP6	1.35 (34.3)	0.81 (20.6)	0.56 (14.1)	0.47 (12.0)	10000 (690)
9/16-18	G 1/2	SS-HPHN-AN6-HBP8	1.51 (38.3)	1.00 (25.4)	0.56 (14.1)	0.55 (14.0)	10000 (690)
3/4-16	G 1/4	SS-HPHN-AN8-HBP4	1.41 (35.9)	0.81 (20.6)	0.66 (16.7)	0.43 (11.0)	10000 (690)
3/4-16	G 3/8	SS-HPHN-AN8-HBP6	1.45 (36.9)	0.81 (20.6)	0.66 (16.7)	0.47 (12.0)	10000 (690)
3/4-16	G 1/2	SS-HPHN-AN8-HBP8	1.61 (40.9)	1.00 (25.4)	0.66 (16.7)	0.55 (14.0)	10000 (690)
7/8-14	G 1/4	SS-HPHN-AN10-HBP4	1.59 (40.5)	0.94 (23.8)	0.76 (19.3)	0.43 (11.0)	10000 (690)
7/8-14	G 3/8	SS-HPHN-AN10-HBP6	1.63 (41.5)	0.94 (23.8)	0.76 (19.3)	0.47 (12.0)	10000 (690)
7/8-14	G 1/2	SS-HPHN-AN10-HBP8	1.71 (43.5)	1.00 (25.4)	0.76 (19.3)	0.55 (14.0)	10000 (690)
1 1/16-12	G 1/2	SS-HPHN-AN12-HBP8	1.89 (48.1)	1.13 (28.5)	0.86 (21.9)	0.55 (14.0)	10000 (690)
1 1/16-12	G 3/4	SS-HPHN-AN12-HBP12	1.97 (50.1)	1.25 (31.8)	0.86 (21.9)	0.63 (16.0)	10000 (690)
1 1/16-12	G 1	SS-HPHN-AN12-HBP16	2.21 (56.1)	1.50 (38.1)	0.86 (21.9)	0.75 (19.0)	10000 (690)
1 5/16-12	G 1/2	SS-HPHN-AN16-HBP8	2.06 (52.3)	1.37 (34.9)	0.91 (23.1)	0.55 (14.0)	10000 (690)
1 5/16-12	G 3/4	SS-HPHN-AN16-HBP12	2.14 (54.3)	1.37 (34.9)	0.91 (23.1)	0.63 (16.0)	10000 (690)
1 5/16-12	G 1	SS-HPHN-AN16-HBP16	2.26 (57.3)	1.50 (38.1)	0.91 (23.1)	0.75 (19.0)	10000 (690)



Male BSPP



		#	Dimensions - in. (mm)				
P-ISO Parallel	Px-ISO Parallel		L	F	B	Bx	
G 1/4	G 1/4	SS-HPHN-HBP4	1.15 (29.2)	0.63 (15.9)	0.43 (11.0)	0.43 (11.0)	10000 (690)
G 3/8	G 1/4	SS-HPHN-HBP6-HBP4	1.23 (31.2)	0.81 (20.6)	0.47 (12.0)	0.43 (11.0)	10000 (690)
G 3/8	G 3/8	SS-HPHN-HBP6	1.27 (32.2)	0.81 (20.6)	0.47 (12.0)	0.47 (12.0)	10000 (690)
G 1/2	G 1/4	SS-HPHN-HBP8-HBP4	1.39 (35.2)	1.00 (25.4)	0.55 (14.0)	0.43 (11.0)	10000 (690)
G 1/2	G 3/8	SS-HPHN-HBP8-HBP6	1.43 (36.2)	1.00 (25.4)	0.55 (14.0)	0.47 (12.0)	10000 (690)
G 1/2	G 1/2	SS-HPHN-HBP8	1.50 (38.2)	1.00 (25.4)	0.55 (14.0)	0.55 (14.0)	10000 (690)
G 3/4	G 3/4	SS-HPHN-HBP12-HBP6	1.58 (40.2)	1.25 (31.8)	0.63 (16.0)	0.47 (12.0)	10000 (690)
G 3/4	G 1/2	SS-HPHN-HBP12-HBP8	1.66 (42.2)	1.25 (31.8)	0.63 (16.0)	0.55 (14.0)	10000 (690)
G 3/4	G 3/4	SS-HPHN-HBP12	1.74 (44.2)	1.25 (31.8)	0.63 (16.0)	0.63 (16.0)	10000 (690)
G 1	G 1/2	SS-HPHN-HBP16-HBP8	1.90 (48.2)	1.50 (38.1)	0.75 (19.0)	0.55 (14.0)	10000 (690)
G 1	G 3/4	SS-HPHN-HBP16-HBP12	1.98 (50.2)	1.50 (38.1)	0.75 (19.0)	0.63 (16.0)	10000 (690)
G 1	G 1	SS-HPHN-HBP16	2.09 (53.2)	1.50 (38.1)	0.75 (19.0)	0.75 (19.0)	10000 (690)

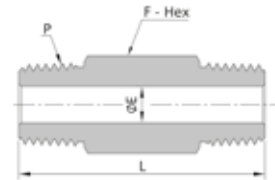


10,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

HEX LONG NIPPLES



Male NPT threads

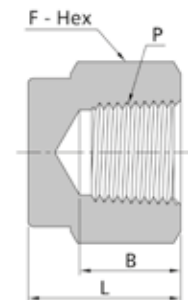
 P-NPT	#	Dimensions - in. (mm)			 psig (bar)
		L	F	E	
1/8	SS-HPLN-NS2-1.5-10K	1.50 (38.1)	0.44 (11.11)	0.22 (5.5)	10000 (690)
1/8	SS-HPLN-NS2-2-10K	2.00 (50.8)	0.44 (11.11)	0.22 (5.5)	10000 (690)
1/8	SS-HPLN-NS2-2.5-10K	2.50 (63.5)	0.44 (11.11)	0.22 (5.5)	10000 (690)
1/8	SS-HPLN-NS2-3-10K	3.00 (76.2)	0.44 (11.11)	0.22 (5.5)	10000 (690)
1/4	SS-HPLN-NS4-2-10K	2.00 (50.8)	0.56 (14.3)	0.28 (7.1)	10000 (690)
1/4	SS-HPLN-NS4-2.5-10K	2.50 (63.5)	0.56 (14.3)	0.28 (7.1)	10000 (690)
1/4	SS-HPLN-NS4-3-10K	3.00 (76.2)	0.56 (14.3)	0.28 (7.1)	10000 (690)
1/4	SS-HPLN-NS4-4-10K	4.00 (101.6)	0.56 (14.3)	0.28 (7.1)	10000 (690)
3/8	SS-HPLN-NS6-2-10K	2.00 (50.8)	0.69 (17.5)	0.38 (9.6)	10000 (690)
3/8	SS-HPLN-NS6-2.5-10K	2.50 (63.5)	0.69 (17.5)	0.38 (9.6)	10000 (690)
3/8	SS-HPLN-NS6-3-10K	3.00 (76.2)	0.69 (17.5)	0.38 (9.6)	10000 (690)
3/8	SS-HPLN-NS6-4-10K	4.00 (101.6)	0.69 (17.5)	0.38 (9.6)	10000 (690)
1/2	SS-HPLN-NS8-3-10K	3.00 (76.2)	0.87 (22.2)	0.47 (11.9)	10000 (690)
1/2	SS-HPLN-NS8-4-10K	4.00 (101.6)	0.87 (22.2)	0.47 (11.9)	10000 (690)
1/2	SS-HPLN-NS8-6-10K	6.00 (152.4)	0.87 (22.2)	0.47 (11.9)	10000 (690)
3/4	SS-HPLN-NS12-3	3.00 (76.2)	1.06 (27.0)	0.58 (14.8)	10000 (690)
3/4	SS-HPLN-NS12-4	4.00 (101.6)	1.06 (27.0)	0.58 (14.8)	10000 (690)
1	SS-HPLN-NS16-3	3.00 (76.2)	1.37 (34.9)	0.79 (20.0)	10000 (690)
1	SS-HPLN-NS16-4	4.00 (101.6)	1.37 (34.9)	0.79 (20.0)	10000 (690)





PIPE CAPS

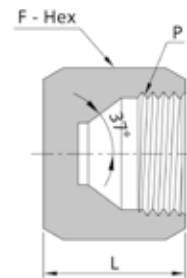
Female NPT threads

 P-NPT	#	Dimensions - in. (mm)			 psig (bar)
		L	F	B	
1/8	SS-HPC-NS2-10K	0.75 (19.1)	0.56 (14.3)	0.41 (10.4)	10000 (690)
1/4	SS-HPC-NS4-10K	0.91 (23.1)	0.75 (19.1)	0.59 (15.0)	10000 (690)
3/8	SS-HPC-NS6-10K	1.03 (26.2)	0.94 (23.8)	0.59 (15.0)	10000 (690)
1/2	SS-HPC-NS8-10K	1.34 (34.0)	1.19 (30.2)	0.78 (19.8)	10000 (690)
3/4	SS-HPC-NS12	1.62 (36.6)	1.50 (38.1)	0.81 (20.6)	10000 (690)
1	SS-HPC-NS16	1.62 (41.1)	44.5 (1.75)	1.00 (25.4)	10000 (690)



Female JIC

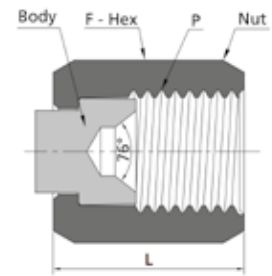
 P-SAE/MS	#	Dimensions - in. (mm)		 psig (bar)
		L	F	
7/16-20	SS-HPC-AN4-10K	0.59 (15.1)	0.56 (14.3)	10000 (690)
9/16-18	SS-HPC-AN6-10K	0.63 (15.9)	0.69 (17.5)	10000 (690)
3/4-16	SS-HPC-AN8-10K	0.75 (19.1)	0.87 (22.2)	10000 (690)
7/8-14	SS-HPC-AN10-10K	0.84 (21.4)	1.00 (25.4)	10000 (690)
1 1/16-12	SS-HPC-AN12-10K	0.91 (23.0)	1.25 (31.8)	10000 (690)
1 5/16-12	SS-HPC-AN16-10K	1.06 (26.8)	1.50 (38.1)	10000 (690)



10,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

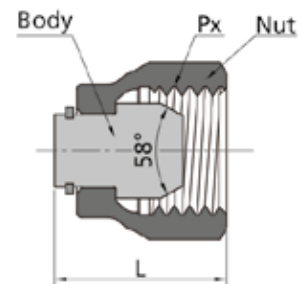
Moveable insert female JIC

P-SAE/MS	#	Dimensions - in. (mm)		psig (bar)
		L	F	
7/16-20	SS-HMC-AN4-10K	0.68 (17.3)	0.56 (14.3)	10000 (690)
9/16-18	SS-HMC-AN6-10K	0.79 (20.0)	0.69 (17.5)	10000 (690)
3/4-16	SS-HMC-AN8-10K	0.89 (22.6)	0.87 (22.2)	10000 (690)
7/8-14	SS-HMC-AN10-10K	0.99 (25.1)	1.00 (25.4)	10000 (690)
1 1/16-12	SS-HMC-AN12-10K	1.03 (26.2)	1.25 (31.8)	10000 (690)
1 5/16-12	SS-HMC-AN16-10K	1.18 (30.0)	1.50 (38.1)	10000 (690)



Moveable insert female BSPP

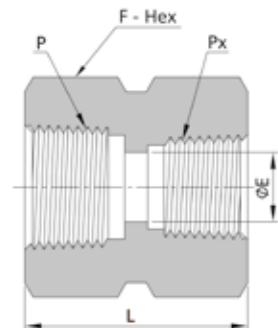
Px-ISO Parallel	#	Dimensions - in. (mm)		psig (bar)
		L	F	
G 1/4	SS-HMC-SBP4	0.70 (17.8)	0.63 (15.9)	10000 (690)
G 3/8	SS-HMC-SBP6	0.80 (20.3)	0.81 (20.6)	10000 (690)
G 1/2	SS-HMC-SBP8	0.94 (23.9)	1.00 (25.4)	10000 (690)
G 3/4	SS-HMC-SBP12	1.06 (26.9)	1.25 (31.8)	10000 (690)
G 1	SS-HMC-SBP16	1.33 (33.8)	1.50 (38.1)	10000 (690)



HEX COUPLINGS



Female NPT threads

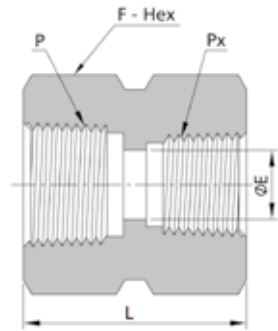
P-NPT	Px-NPT	#	Dimensions - in. (mm)			psig (bar)
			L	F	E	
1/8	1/8	SS-HPCG-NS2-10K	0.94 (23.8)	0.56 (14.3)	0.31 (8.0)	10000 (690)
1/4	1/8	SS-HPCG-NS4-NS2-10K	1.14 (28.9)	0.75 (19.1)	0.31 (8.0)	10000 (690)
1/4	1/4	SS-HPCG-NS4-10K	1.32 (33.5)	0.75 (19.1)	0.41 (10.4)	10000 (690)
3/8	1/8	SS-HPCG-NS6-NS2-10K	1.14 (28.9)	0.94 (23.8)	0.31 (8.0)	10000 (690)
3/8	1/4	SS-HPCG-NS6-NS4-10K	1.32 (33.5)	0.94 (23.8)	0.41 (10.4)	10000 (690)
3/8	3/8	SS-HPCG-NS6-10K	1.32 (33.5)	0.94 (23.8)	0.54 (13.8)	10000 (690)
1/2	1/8	SS-HPCG-NS8-NS2-10K	1.35 (34.2)	1.19 (30.2)	0.31 (8.0)	10000 (690)
1/2	1/4	SS-HPCG-NS8-NS4-10K	1.53 (38.8)	1.19 (30.2)	0.41 (10.4)	10000 (690)
1/2	3/8	SS-HPCG-NS8-NS6-10K	1.53 (38.8)	1.19 (30.2)	0.54 (13.8)	10000 (690)
1/2	1/2	SS-HPCG-NS8-10K	1.72 (43.8)	1.19 (30.2)	0.67 (17.0)	10000 (690)
3/4	1/8	SS-HPCG-NS12-NS2	1.40 (35.5)	1.50 (38.1)	0.31 (8.0)	10000 (690)
3/4	1/4	SS-HPCG-NS12-NS4	1.58 (40.1)	1.50 (38.1)	0.41 (10.4)	10000 (690)
3/4	3/8	SS-HPCG-NS12-NS6	1.58 (40.1)	1.50 (38.1)	0.54 (13.8)	10000 (690)
3/4	1/2	SS-HPCG-NS12-NS8	1.79 (45.4)	1.50 (38.1)	0.67 (17.0)	10000 (690)
3/4	3/4	SS-HPCG-NS12	1.84 (46.7)	1.50 (38.1)	0.88 (22.3)	10000 (690)
1	1/8	SS-HPCG-NS16-NS2	1.59 (40.5)	1.75 (44.5)	0.31 (8.0)	10000 (690)
1	1/4	SS-HPCG-NS16-NS4	1.76 (44.8)	1.75 (44.5)	0.41 (10.4)	10000 (690)
1	3/8	SS-HPCG-NS16-NS6	1.76 (44.8)	1.75 (44.5)	0.54 (13.8)	10000 (690)
1	1/2	SS-HPCG-NS16-NS8	1.96 (49.7)	1.75 (44.5)	0.67 (17.0)	10000 (690)
1	3/4	SS-HPCG-NS16-NS12	2.00 (50.7)	1.75 (44.5)	0.88 (22.3)	10000 (690)
1	1	SS-HPCG-NS16	2.19 (55.5)	1.75 (44.5)	1.11 (28.1)	10000 (690)





10,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

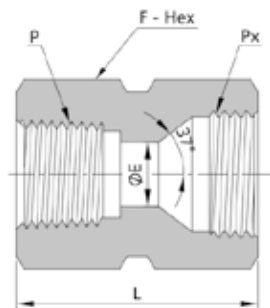
Female NPT threads / Female BSPT threads

		#	Dimensions - in. (mm)			
P-NPT	Px-ISO Tapered		L	F	E	
1/8	1/8	SS-HPCG-NS2-RT2-10K	0.94 (23.8)	0.56 (14.3)	0.31 (8.0)	10000 (690)
1/4	1/8	SS-HPCG-NS4-RT2-10K	1.14 (28.9)	0.75 (19.1)	0.31 (8.0)	10000 (690)
1/4	1/4	SS-HPCG-NS4-RT4-10K	1.32 (33.5)	0.75 (19.1)	0.41 (10.4)	10000 (690)
3/8	1/8	SS-HPCG-NS6-RT2-10K	1.14 (28.9)	0.94 (23.8)	0.31 (8.0)	10000 (690)
3/8	1/4	SS-HPCG-NS6-RT4-10K	1.32 (33.5)	0.94 (23.8)	0.41 (10.4)	10000 (690)
3/8	3/8	SS-HPCG-NS6-RT6-10K	1.32 (33.5)	0.94 (23.8)	0.54 (13.8)	10000 (690)
1/2	1/8	SS-HPCG-NS8-RT2-10K	1.35 (34.2)	1.19 (30.2)	0.31 (8.0)	10000 (690)
1/2	1/4	SS-HPCG-NS8-RT4-10K	1.53 (38.8)	1.19 (30.2)	0.41 (10.4)	10000 (690)
1/2	3/8	SS-HPCG-NS8-RT6-10K	1.53 (38.8)	1.19 (30.2)	0.54 (13.8)	10000 (690)
1/2	1/2	SS-HPCG-NS8-RT8-10K	1.72 (43.8)	1.19 (30.2)	0.67 (17.0)	10000 (690)
3/4	1/8	SS-HPCG-NS12-RT2	1.40 (35.5)	1.50 (38.1)	0.31 (8.0)	10000 (690)
3/4	1/4	SS-HPCG-NS12-RT4	1.58 (40.1)	1.50 (38.1)	0.41 (10.4)	10000 (690)
3/4	3/8	SS-HPCG-NS12-RT6	1.58 (40.1)	1.50 (38.1)	0.54 (13.8)	10000 (690)
3/4	1/2	SS-HPCG-NS12-RT8	1.79 (45.4)	1.50 (38.1)	0.67 (17.0)	10000 (690)
3/4	3/4	SS-HPCG-NS12-RT12	1.84 (46.7)	1.50 (38.1)	0.88 (22.3)	10000 (690)
1	1/8	SS-HPCG-NS16-RT2	1.59 (40.5)	1.75 (44.5)	0.31 (8.0)	10000 (690)
1	1/4	SS-HPCG-NS16-RT4	1.76 (44.8)	1.75 (44.5)	0.41 (10.4)	10000 (690)
1	3/8	SS-HPCG-NS16-RT6	1.76 (44.8)	1.75 (44.5)	0.54 (13.8)	10000 (690)
1	1/2	SS-HPCG-NS16-RT8	1.96 (49.7)	1.75 (44.5)	0.67 (17.0)	10000 (690)
1	3/4	SS-HPCG-NS16-RT12	2.00 (50.7)	1.75 (44.5)	0.88 (22.3)	10000 (690)
1	1	SS-HPCG-NS16-RT16	2.19 (55.5)	1.75 (44.5)	1.11 (28.1)	10000 (690)





Female NPT threads / Female JIC

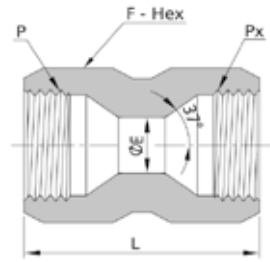
		#	Dimensions - in. (mm)			
P-NPT	Px-SAE/MS		L	F	E	
1/8	7/16-20	SS-HPCG-NS2-AN4-10K	1.12 (28.4)	0.56 (14.3)	0.17 (4.3)	10000 (690)
1/4	7/16-20	SS-HPCG-NS4-AN4-10K	1.33 (33.7)	0.75 (19.1)	0.17 (4.3)	10000 (690)
1/4	9/16-18	SS-HPCG-NS4-AN6-10K	1.36 (34.5)	0.75 (19.1)	0.30 (7.5)	10000 (690)
3/8	7/16-20	SS-HPCG-NS6-AN4-10K	1.33 (33.7)	0.94 (23.8)	0.17 (4.3)	10000 (690)
3/8	9/16-18	SS-HPCG-NS6-AN6-10K	1.36 (34.5)	0.94 (23.8)	0.30 (7.5)	10000 (690)
3/8	3/4-16	SS-HPCG-NS6-AN8-10K	1.44 (36.5)	0.94 (23.8)	0.39 (9.9)	10000 (690)
1/2	9/16-18	SS-HPCG-NS8-AN6-10K	1.56 (39.7)	1.19 (30.2)	0.30 (7.5)	10000 (690)
1/2	3/4-16	SS-HPCG-NS8-AN8-10K	1.64 (41.7)	1.19 (30.2)	0.39 (9.9)	10000 (690)
1/2	7/8-14	SS-HPCG-NS8-AN10-10K	1.74 (44.1)	1.19 (30.2)	0.48 (12.3)	10000 (690)



10,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS



Female JIC

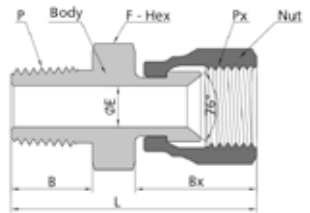
		#	Dimensions - in. (mm)			
P-SAE/MS	Px-SAE/MS		L	F	E	
7/16-20	7/16-20	SS-HPCG-AN4-10K	1.24 (31.5)	0.56 (14.3)	0.17 (4.3)	10000 (690)
9/16-18	7/16-20	SS-HPCG-AN6-AN4-10K	1.27 (32.3)	0.69 (17.5)	0.17 (4.3)	10000 (690)
9/16-18	9/16-18	SS-HPCG-AN6-10K	1.33 (33.8)	0.69 (17.5)	0.30 (7.5)	10000 (690)
3/4-16	9/16-28	SS-HPCG-AN8-AN6-10K	1.39 (35.4)	0.87 (22.2)	0.30 (7.5)	10000 (690)
3/4-16	3/4-16	SS-HPCG-AN8-10K	1.48 (37.6)	0.87 (22.2)	0.39 (9.9)	10000 (690)
7/8-14	3/4-16	SS-HPCG-AN10-AN8-10K	1.57 (40.0)	1.00 (25.4)	0.39 (9.9)	10000 (690)
7/8-14	7/8-14	SS-HPCG-AN10-10K	1.68 (42.6)	1.00 (25.4)	0.48 (12.3)	10000 (690)
1 1/16-12	7/8-14	SS-HPCG-AN12-AN10-10K	1.74 (44.1)	1.25 (31.8)	0.48 (12.3)	10000 (690)
1 1/16-12	1 1/16-12	SS-HPCG-AN12-10K	1.80 (45.8)	1.25 (31.8)	0.61 (15.5)	10000 (690)
1 5/16-12	1 1/16-12	SS-HPCG-AN16-AN12-10K	1.89 (48.1)	1.50 (38.1)	0.61 (15.5)	10000 (690)
1 5/16-12	1 5/16-12	SS-HPCG-AN16-10K	1.97 (50.1)	1.50 (38.1)	0.84 (21.44)	10000 (690)





SWIVEL COUPLINGS

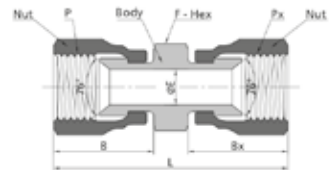
Male NPT threads / Female JIC swivel

		#	Dimensions - in. (mm)				
P-NPT	Px-SAE/MS		L	F	B	Bx	
1/8	7/16-20	SS-HPCG-NS2-AS4	1.39 (35.3)	0.56 (14.3)	0.41 (10.4)	0.81 (20.5)	10000 (690)
1/4	7/16-20	SS-HPCG-NS4-AS4	1.62 (41.2)	0.75 (19.1)	0.59 (15.0)	0.81 (20.5)	10000 (690)
1/4	9/16-18	SS-HPCG-NS4-AS6	1.65 (4.9)	0.75 (19.1)	0.59 (15.0)	0.83 (21.2)	10000 (690)
3/8	7/16-20	SS-HPCG-NS6-AS4	1.68 (42.7)	0.94 (23.8)	0.59 (15.0)	0.81 (20.5)	10000 (690)
3/8	9/16-18	SS-HPCG-NS6-AS6	1.71 (43.4)	0.94 (23.8)	0.59 (15.0)	0.83 (21.2)	10000 (690)
3/8	3/4-16	SS-HPCG-NS6-AS8	1.78 (45.2)	0.94 (23.8)	0.59 (15.0)	0.91 (23.0)	10000 (690)
1/2	9/16-18	SS-HPCG-NS8-AS6	1.97 (50.1)	1.19 (30.2)	0.78 (19.8)	0.83 (21.2)	10000 (690)
1/2	3/4-16	SS-HPCG-NS8-AS8	2.04 (51.9)	1.19 (30.2)	0.78 (19.8)	0.91 (23.0)	10000 (690)
1/2	7/8-14	SS-HPCG-NS8-AS10	2.13 (54.2)	1.19 (30.2)	0.78 (19.8)	1.00 (25.3)	10000 (690)



Female JIC threads / Female JIC threads

		#	Dimensions - in. (mm)				
P-SAE/MS	Px-SAE/MS		L	F	B	Bx	
7/16-20	7/16-20	SS-HPCG-AS4	1.90 (48.2)	0.56 (14.3)	0.81 (20.5)	0.81 (20.5)	10000 (690)
9/16-18	7/16-20	SS-HPCG-AS6-AS4	1.93 (48.9)	0.63 (15.9)	0.83 (21.2)	0.81 (20.5)	10000 (690)
9/16-18	9/16-18	SS-HPCG-AS6	1.95 (49.6)	0.63 (15.9)	0.83 (21.2)	0.83 (21.2)	10000 (690)
3/4-16	9/16-18	SS-HPCG-AS8-AS6	2.14 (54.4)	0.87 (22.2)	0.91 (23.0)	0.83 (21.2)	10000 (690)
3/4-16	3/4-16	SS-HPCG-AS8	2.21 (56.2)	0.87 (22.2)	0.91 (23.0)	0.91 (23.0)	10000 (690)
7/8-14	3/4-16	SS-HPCG-AS10-AS8	2.30 (58.5)	1.00 (25.3)	1.00 (25.3)	0.91 (23.0)	10000 (690)
7/8-14	7/8-14	SS-HPCG-AS10	2.39 (60.8)	1.00 (25.3)	1.00 (25.3)	1.00 (25.3)	10000 (690)
1 1/16-12	7/8-14	SS-HPCG-AS12-AS10	2.60 (66.0)	1.25 (31.8)	1.12 (28.5)	1.00 (25.3)	10000 (690)
1 1/16-12	1 1/16-12	SS-HPCG-AS12	2.72 (69.2)	1.25 (31.8)	1.12 (28.5)	1.12 (28.5)	10000 (690)
1 5/16-12	1 1/16-12	SS-HPCG-AS16-AS12	2.96 (75.2)	1.50 (38.1)	1.24 (31.5)	1.12 (28.5)	10000 (690)
1 5/16-12	1 5/16-12	SS-HPCG-AS16	3.08 (78.2)	1.50 (38.1)	1.24 (31.5)	1.24 (31.5)	10000 (690)

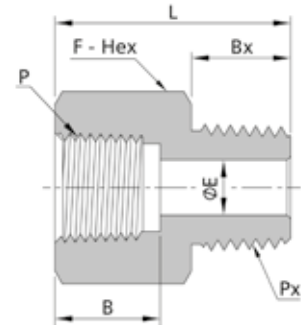


10,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS



ADAPTORS

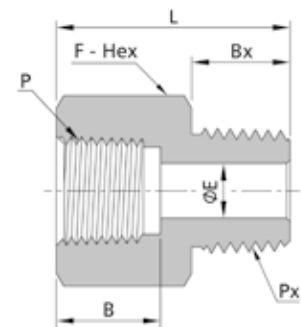
Female NPT threads / Male NPT threads

		#	Dimensions - in. (mm)				
P-NPT	Px-NPT		L	F	B	Bx	
1/8	1/8	SS-HPA-NS2-10K	0.96 (24.5)	0.56 (14.3)	0.41 (10.4)	0.38 (9.7)	10000 (690)
1/8	1/4	SS-HPA-NS2-NS4-10K	1.13 (28.8)	0.56 (14.3)	0.41 (10.4)	0.56 (14.2)	10000 (690)
1/8	3/8	SS-HPA-NS2-NS6-10K	1.14 (29.0)	0.69 (17.5)	0.41 (10.4)	0.56 (14.2)	10000 (690)
1/8	1/2	SS-HPA-NS2-NS8-10K	1.08 (27.4)	0.87 (22.2)	0.41 (10.4)	0.75 (19.1)	10000 (690)
1/8	3/4	SS-HPA-NS2-NS12	1.08 (27.4)	1.06 (27.0)	0.41 (10.4)	0.75 (19.1)	10000 (690)
1/4	1/8	SS-HPA-NS4-NS2-10K	1.25 (31.8)	0.75 (19.1)	0.59 (15.0)	0.38 (9.7)	10000 (690)
1/4	1/4	SS-HPA-NS4-10K	1.37 (34.9)	0.75 (19.1)	0.59 (15.0)	0.56 (14.2)	10000 (690)
1/4	3/8	SS-HPA-NS4-NS6-10K	1.37 (34.9)	0.75 (19.1)	0.59 (15.0)	0.56 (14.2)	10000 (690)
1/4	1/2	SS-HPA-NS4-NS8-10K	1.58 (40.1)	0.87 (22.2)	0.59 (15.0)	0.75 (19.1)	10000 (690)
1/4	3/4	SS-HPA-NS4-NS12	1.34 (34.1)	1.06 (27.0)	0.59 (15.0)	0.75 (19.1)	10000 (690)
1/4	1	SS-HPA-NS4-NS16	1.37 (34.8)	1.37 (34.9)	0.59 (15.0)	0.94 (23.9)	10000 (690)
3/8	1/4	SS-HPA-NS6-NS4-10K	1.42 (36.0)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	10000 (690)
3/8	3/8	SS-HPA-NS6-10K	1.42 (36.0)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	10000 (690)
3/8	1/2	SS-HPA-NS6-NS8-10K	1.61 (41.0)	0.94 (23.8)	0.59 (15.0)	0.75 (19.1)	10000 (690)
3/8	3/4	SS-HPA-NS6-NS12	1.61 (41.0)	1.13 (28.6)	0.59 (15.0)	0.75 (19.1)	10000 (690)
3/8	1	SS-HPA-NS6-NS16	1.47 (37.3)	1.37 (34.9)	0.59 (15.0)	0.94 (23.9)	10000 (690)
1/2	1/4	SS-HPA-NS8-NS4-10K	1.72 (43.1)	1.19 (30.2)	0.78 (19.8)	0.56 (14.2)	10000 (690)
1/2	3/8	SS-HPA-NS8-NS6-10K	1.72 (43.1)	1.19 (30.2)	0.78 (19.8)	0.56 (14.2)	10000 (690)
1/2	1/2	SS-HPA-NS8-10K	1.89 (48.0)	1.19 (30.2)	0.78 (19.8)	0.75 (19.1)	10000 (690)
1/2	3/4	SS-HPA-NS8-NS12	1.89 (48.0)	1.37 (34.9)	0.78 (19.8)	0.75 (19.1)	10000 (690)
1/2	1	SS-HPA-NS8-NS16	2.08 (52.8)	1.37 (34.9)	0.78 (19.8)	0.94 (23.9)	10000 (690)
3/4	1/2	SS-HPA-NS12-NS8	1.89 (48.1)	1.50 (38.1)	0.81 (20.6)	0.75 (19.0)	10000 (690)
3/4	3/4	SS-HPA-NS12	1.89 (48.1)	1.50 (38.1)	0.81 (20.6)	0.75 (19.1)	10000 (690)
3/4	1	SS-HPA-NS12-NS16	2.08 (52.9)	1.50 (38.1)	0.81 (20.6)	0.94 (23.9)	10000 (690)
1	1/2	SS-HPA-NS16-NS8	2.10 (53.3)	1.75 (44.5)	1.00 (25.4)	0.75 (19.1)	10000 (690)
1	3/4	SS-HPA-NS16-NS12	2.10 (53.3)	1.75 (44.5)	1.00 (25.4)	0.75 (19.1)	10000 (690)
1	1	SS-HPA-NS16	2.29 (58.1)	1.75 (44.5)	1.00 (25.4)	0.94 (23.9)	10000 (690)





Female NPT threads / Male BSPT threads

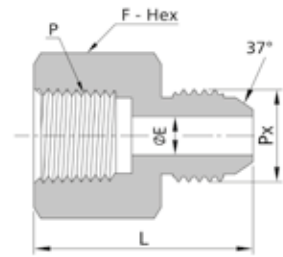
		#	Dimensions - in. (mm)				
P-NPT	Px-ISO Tapered		L	F	B	Bx	
1/8	1/8	SS-HPA-NS2-RT2-10K	0.96 (24.5)	0.56 (14.3)	0.41 (10.4)	0.38 (9.7)	10000 (690)
1/8	1/4	SS-HPA-NS2-RT4-10K	1.13 (28.8)	0.56 (14.3)	0.41 (10.4)	0.56 (14.2)	10000 (690)
1/8	3/8	SS-HPA-NS2-RT6-10K	1.14 (29.0)	0.69 (17.5)	0.41 (10.4)	0.56 (14.2)	10000 (690)
1/8	1/2	SS-HPA-NS2-RT8-10K	1.08 (27.4)	0.87 (22.2)	0.41 (10.4)	0.75 (19.1)	10000 (690)
1/4	1/8	SS-HPA-NS4-RT2-10K	1.25 (31.8)	0.75 (19.1)	0.59 (15.0)	0.38 (9.7)	10000 (690)
1/4	1/4	SS-HPA-NS4-RT4-10K	1.37 (34.9)	0.75 (19.1)	0.59 (15.0)	0.56 (14.2)	10000 (690)
1/4	3/8	SS-HPA-NS4-RT6-10K	1.37 (34.9)	0.75 (19.1)	0.59 (15.0)	0.56 (14.2)	10000 (690)
1/4	1/2	SS-HPA-NS4-RT8-10K	1.58 (40.1)	0.87 (22.2)	0.59 (15.0)	0.75 (19.1)	10000 (690)
3/8	1/4	SS-HPA-NS6-RT4-10K	1.42 (36.0)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	10000 (690)
3/8	3/8	SS-HPA-NS6-RT6-10K	1.42 (36.0)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	10000 (690)
3/8	1/2	SS-HPA-NS6-RT8-10K	1.61 (41.0)	0.94 (23.8)	0.59 (15.0)	0.75 (19.1)	10000 (690)
1/2	1/4	SS-HPA-NS8-RT4-10K	1.72 (43.1)	1.19 (30.2)	0.78 (19.8)	0.56 (14.2)	10000 (690)
1/2	3/8	SS-HPA-NS8-RT6-10K	1.72 (43.1)	1.19 (30.2)	0.78 (19.8)	0.56 (14.2)	10000 (690)
1/2	1/2	SS-HPA-NS8-RT8-10K	1.89 (48.0)	1.19 (30.2)	0.78 (19.8)	0.75 (19.1)	10000 (690)





10,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

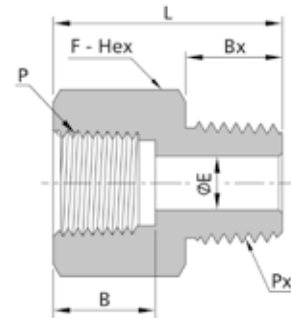
Female NPT threads / Male JIC

		#	Dimensions - in. (mm)			
P-NPT	Px-SAE/MS		L	F	B	
1/8	7/16-20	SS-HPA-NS2-AN4-10K	1.09 (27.8)	0.56 (14.3)	0.17 (4.4)	10000 (690)
1/4	7/16-20	SS-HPA-NS4-AN4-10K	1.32 (33.5)	0.75 (19.1)	0.17 (4.4)	10000 (690)
1/4	9/16-18	SS-HPA-NS4-AN6-10K	1.32 (33.5)	0.75 (19.1)	0.30 (7.5)	10000 (690)
3/8	9/16-18	SS-HPA-NS6-AN6-10K	1.37 (34.8)	0.94 (23.8)	0.30 (7.5)	10000 (690)
3/8	3/4-16	SS-HPA-NS6-AN8-10K	1.47 (37.4)	0.94 (23.8)	0.39 (9.9)	10000 (690)
1/2	3/4-16	SS-HPA-NS8-AN8-10K	1.72 (43.6)	1.19 (30.2)	0.39 (9.9)	10000 (690)
1/2	7/8-14	SS-HPA-NS8-AN10-10K	1.82 (46.2)	1.19 (30.2)	0.48 (12.3)	10000 (690)
1/2	1 1/16-12	SS-HPA-NS8-AN12-10K	1.92 (48.8)	1.19 (30.2)	0.61 (15.5)	10000 (690)
3/4	1 1/16-12	SS-HPA-NS12-AN12	1.89 (47.9)	1.50 (38.1)	0.46 (11.6)	10000 (690)
1	1 5/16-12	SS-HPA-NS16-AN16	2.18 (55.3)	1.75 (44.5)	0.57 (14.6)	10000 (690)





Female BSPT threads / Male NPT threads

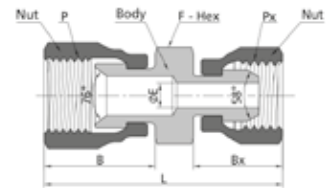
		#	Dimensions - in. (mm)				
P-ISO Tapered	Px-NPT		L	F	B	Bx	
1/8	1/8	SS-HPA-RT2-NS2-10K	0.96 (24.5)	0.56 (14.3)	0.41 (10.4)	0.38 (9.7)	10000 (690)
1/8	1/4	SS-HPA-RT2-NS4-10K	1.13 (28.8)	0.56 (14.3)	0.41 (10.4)	0.56 (14.2)	10000 (690)
1/8	3/8	SS-HPA-RT2-NS6-10K	1.14 (29.0)	0.69 (17.5)	0.41 (10.4)	0.56 (14.2)	10000 (690)
1/8	1/2	SS-HPA-RT2-NS8-10K	1.08 (27.4)	0.87 (22.2)	0.41 (10.4)	0.75 (19.1)	10000 (690)
1/4	1/8	SS-HPA-RT4-NS2-10K	1.25 (31.8)	0.75 (19.1)	0.59 (15.0)	0.38 (9.7)	10000 (690)
1/4	1/4	SS-HPA-RT4-NS4-10K	1.37 (34.9)	0.75 (19.1)	0.59 (15.0)	0.56 (14.2)	10000 (690)
1/4	3/8	SS-HPA-RT4-NS6-10K	1.37 (34.9)	0.75 (19.1)	0.59 (15.0)	0.56 (14.2)	10000 (690)
1/4	1/2	SS-HPA-RT4-NS8-10K	1.58 (40.1)	0.87 (22.2)	0.59 (15.0)	0.75 (19.1)	10000 (690)
3/8	1/4	SS-HPA-RT6-NS4-10K	1.42 (36.0)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	10000 (690)
3/8	3/8	SS-HPA-RT6-NS6-10K	1.42 (36.0)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	10000 (690)
3/8	1/2	SS-HPA-RT6-NS8-10K	1.61 (41.0)	0.94 (23.8)	0.59 (15.0)	0.75 (19.1)	10000 (690)
1/2	1/4	SS-HPA-RT8-NS4-10K	1.72 (43.1)	1.19 (30.2)	0.78 (19.8)	0.56 (14.2)	10000 (690)
1/2	3/8	SS-HPA-RT8-NS6-10K	1.72 (43.1)	1.19 (30.2)	0.78 (19.8)	0.56 (14.2)	10000 (690)
1/2	1/2	SS-HPA-RT8-NS8-10K	1.89 (48.0)	1.19 (30.2)	0.78 (19.8)	0.75 (19.1)	10000 (690)





10,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

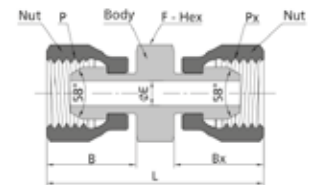
Female swivel JIC / Swivel BSPP threads

		#	Dimensions - in. (mm)				
P-SAE/MS	Px-BSPP		L	F	B	Bx	
7/16-20	G 1/4	SS-HPCG-AS4-SBP4	1.76 (44.7)	0.63 (15.9)	0.81 (20.5)	0.57 (17.0)	10000 (690)
7/16-20	G 3/8	SS-HPCG-AS4-SBP6	1.88 (47.7)	0.81 (20.6)	0.81 (20.5)	0.75 (19.0)	10000 (690)
9/16-18	G 1/4	SS-HPCG-AS6-SBP4	1.79 (45.4)	0.63 (15.9)	0.83 (21.2)	0.67 (17.0)	10000 (690)
9/16-18	G 3/8	SS-HPCG-AS6-SBP6	1.91(48.4)	0.81 (20.6)	0.83 (21.2)	0.75 (21.2)	10000 (690)
9/16-18	G 1/2	SS-HPCG-AS6-SBP8	2.10 (53.4)	1.00 (25.4)	0.83 (21.2)	0.87 (22.0)	10000 (690)
3/4-16	G 1/4	SS-HPCG-AS8-SBP4	1.98 (50.2)	0.87 (22.2)	0.91 (23.0)	0.67 (17.0)	10000 (690)
3/4-16	G 3/8	SS-HPCG-AS8-SBP6	2.06 (52.2)	0.87 (22.2)	0.91 (23.0)	0.75 (19.0)	10000 (690)
3/4-16	G 1/2	SS-HPCG-AS8-SBP8	2.17 (55.2)	1.00 (25.4)	0.91 (23.0)	0.87 (22.0)	10000 (690)
7/8-14	G 1/4	SS-HPCG-AS10-SBP4	2.07 (52.5)	1.00 (25.4)	1.00 (25.3)	0.67 (17.0)	10000 (690)
7/8-14	G 3/8	SS-HPCG-AS10-SBP6	2.15 (54.5)	1.00 (25.4)	1.00 (25.3)	0.75 (19.0)	10000 (690)
7/8-14	G 1/2	SS-HPCG-AS10-SBP8	2.26 (57.5)	1.00 (25.4)	1.00 (25.3)	0.87 (22.0)	10000 (690)
1 1/16-12	G 1/2	SS-HPCG-AS12-SBP8	2.47 (62.7)	1.25 (31.8)	1.12 (28.5)	0.87 (22.0)	10000 (690)
1 1/16-12	G 3/4	SS-HPCG-AS12-SBP12	2.59 (65.7)	1.25 (31.8)	1.12 (28.5)	0.98 (25.0)	10000 (690)
1 1/16-12	G 1	SS-HPCG-AS12-SBP16	2.98 (75.7)	1.50 (38.1)	1.12 (28.5)	1.26 (32.0)	10000 (690)
1 5/16-12	G 1/2	SS-HPCG-AS16-SBP8	2.70 (68.7)	1.50 (38.1)	1.24 (31.5)	0.87 (22.0)	10000 (690)
1 5/16-12	G 3/4	SS-HPCG-AS16-SBP12	2.82 (71.7)	1.50 (38.1)	1.24 (31.5)	0.98 (25.0)	10000 (690)
1 5/16-12	G 1	SS-HPCG-AS16-SBP16	3.10 (78.7)	1.50 (38.1)	1.24 (31.5)	1.26 (32.0)	10000 (690)





Swivel female BSPP threads

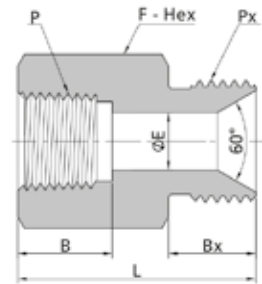
		#	Dimensions - in. (mm)				
P-ISO Parallel	Px-BSPP		L	F	B	Bx	
G 1/4	G 1/4	SS-HPCG-SBP4	1.62 (41.2)	0.63 (15.9)	0.67 (17.0)	0.67 (17.0)	10000 (690)
G 3/8	G 1/4	SS-HPCG-SBP6-SBP4	1.74 (44.2)	0.81 (20.6)	0.75 (19.0)	0.67 (17.0)	10000 (690)
G 3/8	G 3/8	SS-HPCG-SBP6	1.82 (46.2)	0.81 (20.6)	0.75 (19.0)	0.75 (19.0)	10000 (690)
G 1/2	G 1/4	SS-HPCG-SBP8-SBP4	1.94 (49.2)	1.00 (25.4)	0.87 (22.0)	0.67 (17.0)	10000 (690)
G 1/2	G 3/8	SS-HPCG-SBP8-SBP6	2.02 (51.2)	1.00 (25.4)	0.87 (22.0)	0.75 (19.0)	10000 (690)
G 1/2	G 1/2	SS-HPCG-SBP8	2.13 (54.2)	1.00 (25.4)	0.87 (22.0)	0.87 (22.0)	10000 (690)
G 3/4	G 3/8	SS-HPCG-SBP12-SBP6	2.21 (56.2)	1.25 (31.8)	0.98 (25.0)	0.75 (19.0)	10000 (690)
G 3/4	G 1/2	SS-HPCG-SBP12-SBP8	2.33 (59.2)	1.25 (31.8)	0.98 (25.0)	0.87 (22.0)	10000 (690)
G 3/4	G 3/4	SS-HPCG-SBP12	2.45 (62.2)	1.25 (31.8)	0.98 (25.0)	0.98 (25.0)	10000 (690)
G 1	G 1/2	SS-HPCG-SBP16-SBP8	2.72 (69.2)	1.50 (38.1)	1.26 (32.0)	0.87 (22.0)	10000 (690)
G 1	G 3/4	SS-HPCG-SBP16-SBP12	2.84 (72.2)	1.50 (38.1)	1.26 (32.0)	0.98 (25.0)	10000 (690)
G 1	G 1	SS-HPCG-SBP16	3.12 (79.2)	1.50 (38.1)	1.26 (32.0)	1.26 (32.0)	10000 (690)





10,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

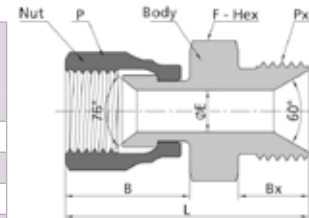
Female NPT threads / Male BSPP threads

		#	Dimensions - in. (mm)					
P-NPT	Px-ISO Parallel		L	F	B	Bx	E	
1/8	G 1/4	SS-HPA-NS2-HBP4	1.02 (25.8)	0.63 (15.9)	0.41 (10.4)	0.43 (11.0)	0.19 (4.7)	10000 (690)
1/8	G 3/8	SS-HPA-NS2-HBP6	1.06 (26.8)	0.81 (20.6)	0.41 (10.4)	0.47 (12.0)	0.31 (7.9)	10000 (690)
1/4	G 1/4	SS-HPA-NS4-HBP4	1.25 (31.7)	0.75 (19.1)	0.59 (15.0)	0.43 (11.0)	0.19 (4.7)	10000 (690)
1/4	G 3/8	SS-HPA-NS4-HBP6	1.29 (32.7)	0.81 (20.6)	0.59 (15.0)	0.47 (12.0)	0.31 (7.9)	10000 (690)
1/4	G 1/2	SS-HPA-NS4-HBP8	1.37 (34.7)	1.00 (25.4)	0.59 (15.0)	0.55 (14.0)	0.41 (10.4)	10000 (690)
3/8	G 1/4	SS-HPA-NS6-HBP4	1.31 (33.2)	0.94 (23.8)	0.59 (15.0)	0.43 (11.0)	0.19 (4.7)	10000 (690)
3/8	G 3/8	SS-HPA-NS6-HBP6	1.35 (34.2)	0.94 (23.8)	0.59 (15.0)	0.47 (12.0)	0.31 (7.9)	10000 (690)
3/8	G 1/2	SS-HPA-NS6-HBP8	1.43 (36.2)	1.00 (25.4)	0.59 (15.0)	0.55 (14.0)	0.44 (11.1)	10000 (690)
1/2	G 1/4	SS-HPA-NS8-HBP4	1.57 (39.9)	1.19 (30.2)	0.78 (19.8)	0.43 (11.0)	0.19 (4.7)	10000 (690)
1/2	G 3/8	SS-HPA-NS8-HBP6	1.61 (40.9)	1.19 (30.2)	0.78 (19.8)	0.47 (12.0)	0.31 (7.9)	10000 (690)
1/2	G 1/2	SS-HPA-NS8-HBP8	1.69 (42.9)	1.19 (30.2)	0.78 (19.8)	0.55 (14.0)	0.44 (11.1)	10000 (690)



SAE/MS swivel female threads / Male BSPP threads

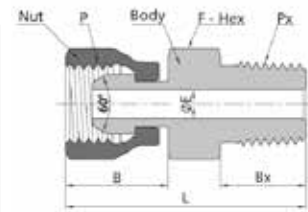
		#	Dimensions - in. (mm)				
Px-ISO Parallel	Px-BSPP		L	F	B	Bx	
7/16-20	G 1/4	SS-HPA-AS4-HBP4	1.52 (38.7)	0.63 (15.9)	0.81 (20.5)	0.43 (11.0)	10000 (690)
7/16-20	G 3/8	SS-HPA-AS4-HBP6	1.60 (40.7)	0.81 (20.6)	0.81 (20.5)	0.47 (12.0)	10000 (690)
9/16-18	G 1/4	SS-HPA-AS6-HBP4	1.55 (39.4)	0.63 (15.9)	0.83 (21.2)	0.43 (11.0)	10000 (690)
9/16-18	G 3/8	SS-HPA-AS6-HBP6	1.63 (41.4)	0.81 (20.6)	0.83 (21.2)	0.47 (12.0)	10000 (690)
9/16-18	G 1/2	SS-HPA-AS6-HBP8	1.79 (45.4)	1.00 (25.4)	0.83 (21.2)	0.55 (14.0)	10000 (690)
3/4-16	G 1/4	SS-HPA-AS8-HBP4	1.74 (44.2)	0.87 (22.2)	0.91 (23.0)	0.43 (11.0)	10000 (690)
3/4-16	G 3/8	SS-HPA-AS8-HBP6	1.78 (45.2)	0.87 (22.2)	0.91 (23.0)	0.47 (12.0)	10000 (690)
3/4-16	G 1/2	SS-HPA-AS8-HBP8	1.86 (47.2)	1.00 (25.4)	0.91 (23.0)	0.55 (14.0)	10000 (690)
7/8-14	G 1/4	SS-HPA-AS10-HBP4	1.83 (46.5)	1.00 (25.4)	1.00 (25.3)	0.43 (11.0)	10000 (690)
7/8-14	G 3/8	SS-HPA-AS10-HBP6	1.87 (47.5)	1.00 (25.4)	1.00 (25.3)	0.47 (12.0)	10000 (690)
7/8-14	G 1/2	SS-HPA-AS10-HBP8	1.95 (49.5)	1.00 (25.4)	1.00 (25.3)	0.55 (14.0)	10000 (690)
1 1/16-12	G 1/2	SS-HPA-AS12-HBP8	2.15 (54.7)	1.25 (31.8)	1.12 (28.5)	0.55 (14.0)	10000 (690)
1 1/16-12	G 3/4	SS-HPA-AS12-HBP12	2.23 (56.7)	1.25 (31.8)	1.12 (28.5)	0.63 (16.0)	10000 (690)
1 1/16-12	G 1	SS-HPA-AS12-HBP16	2.47 (62.7)	1.50 (38.1)	1.12 (28.5)	0.75 (19.0)	10000 (690)
1 5/16-12	G 1/2	SS-HPA-AS16-HBP8	2.39 (60.7)	1.50 (38.1)	1.24 (31.5)	0.55 (14.0)	10000 (690)
1 5/16-12	G 3/4	SS-HPA-AS16-HBP12	2.47 (62.7)	1.50 (38.1)	1.24 (31.5)	0.63 (16.0)	10000 (690)
1 5/16-12	G 1	SS-HPA-AS16-HBP12	2.59 (65.7)	1.50 (38.1)	1.24 (31.5)	0.75 (19.0)	10000 (690)



10,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

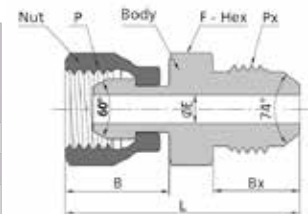
Female swivel BSPP threads / Male NPT threads

Px-ISO Parallel	Px-NPT	#	Dimensions - in. (mm)				psig (bar)
			L	F	B	Bx	
G 1/4	1/8	SS-HPA-SBP4-NS2	1.39 (35.3)	0.63 (15.9)	0.67 (17.0)	0.38 (9.7)	10000 (690)
G 1/4	1/4	SS-HPA-SBP4-NS4	1.57 (39.8)	0.63 (15.9)	0.67 (17.0)	0.56 (14.2)	10000 (690)
G 1/4	3/8	SS-HPA-SBP4-NS6	1.59 (40.4)	0.69 (17.5)	0.67 (17.0)	0.56 (14.2)	10000 (690)
G 3/8	1/4	SS-HPA-SBP6-NS4	1.70 (43.2)	0.81 (20.6)	0.75 (19.0)	0.56 (14.2)	10000 (690)
G 3/8	3/8	SS-HPA-SBP6-NS6	1.70 (43.2)	0.81 (20.6)	0.75 (19.0)	0.56 (14.2)	10000 (690)
G 3/8	1/2	SS-HPA-SBP6-NS8	1.91 (48.5)	0.87 (22.2)	0.75 (19.0)	0.75 (19.1)	10000 (690)
G 1/2	1/4	SS-HPA-SBP8-NS4	1.88 (47.8)	1.00 (25.4)	0.87 (22.0)	0.56 (14.2)	10000 (690)
G 1/2	3/8	SS-HPA-SBP8-NS6	1.88 (47.8)	1.00 (25.4)	0.87 (22.0)	0.56 (14.2)	10000 (690)
G 1/2	1/2	SS-HPA-SBP8-NS8	2.07 (52.7)	1.00 (25.4)	0.87 (22.0)	0.75 (19.1)	10000 (690)
G 3/4	1/2	SS-HPA-SBP12-NS8	2.30 (58.5)	1.25 (31.8)	0.98 (25.0)	0.75 (19.1)	10000 (690)
G 1	1/2	SS-HPA-SBP16-NS8	2.63 (66.7)	1.50 (38.1)	1.26 (32.0)	0.75 (19.1)	10000 (690)





Female swivel BSPP threads / Male JIC threads

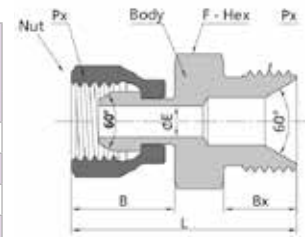
Px-ISO Parallel	Px-SAE/MS	#	Dimensions - in. (mm)				psig (bar)
			L	F	B	Bx	
G 1/4	7/16-20	SS-HPA-SBP4-AN4	1.50 (38.2)	0.63 (15.9)	0.67 (17.0)	0.55 (14.0)	10000 (690)
G 1/4	9/16-18	SS-HPA-SBP4-AN6	1.51 (38.3)	0.63 (15.9)	0.67 (17.0)	0.56 (14.1)	10000 (690)
G 1/4	3/4-16	SS-HPA-SBP4-AN8	1.65 (41.9)	0.81 (20.6)	0.67 (17.0)	0.66 (16.7)	10000 (690)
G 1/4	7/8-14	SS-HPA-SBP4-AN10	1.83 (46.5)	0.94 (23.8)	0.67 (17.0)	0.76 (19.3)	10000 (690)
G 3/8	7/16-20	SS-HPA-SBP6-AN4	1.62 (41.2)	0.81 (20.6)	0.75 (19.0)	0.55 (14.0)	10000 (690)
G 3/8	9/16-18	SS-HPA-SBP6-AN6	1.63 (41.3)	0.81 (20.6)	0.75 (19.0)	0.56 (14.1)	10000 (690)
G 3/8	3/4-16	SS-HPA-SBP6-AN8	1.73 (43.9)	0.81 (20.6)	0.75 (19.0)	0.66 (16.7)	10000 (690)
G 3/8	7/8-14	SS-HPA-SBP6-AN10	1.91 (48.5)	0.94 (23.8)	0.75 (19.0)	0.76 (19.3)	10000 (690)
G 1/2	9/16-18	SS-HPA-SBP8-AN6	1.82 (46.3)	1.00 (25.4)	0.87 (22.0)	0.56 (14.1)	10000 (690)
G 1/2	3/4-16	SS-HPA-SBP8-AN8	1.93 (48.9)	1.00 (25.4)	0.87 (22.0)	0.66 (16.7)	10000 (690)
G 1/2	7/8-14	SS-HPA-SBP8-AN10	2.03 (51.5)	1.00 (25.4)	0.87 (22.0)	0.76 (19.3)	10000 (690)
G 1/2	1 1/16-12	SS-HPA-SBP8-AN12	2.21 (56.1)	1.13 (28.6)	0.87 (22.0)	0.86 (21.9)	10000 (690)
G 1/2	1 5/16-12	SS-HPA-SBP8-AN16	2.37 (60.3)	1.37 (34.9)	0.87 (22.0)	0.91 (23.1)	10000 (690)
G 3/4	1 1/16-12	SS-HPA-SBP12-AN12	2.33 (59.1)	1.25 (31.8)	0.98 (25.0)	0.86 (21.9)	10000 (690)
G 3/4	1 5/16-12	SS-HPA-SBP12-AN16	2.49 (63.3)	1.37 (34.9)	0.98 (25.0)	0.91 (23.1)	10000 (690)
G 1	1 5/16-12	SS-HPA-SBP16-AN12	2.71 (69.1)	1.50 (38.1)	1.26 (32.0)	0.86 (21.9)	10000 (690)
G 1	1 1/16-12	SS-HPA-SBP16-AN16	2.77 (70.3)	1.50 (38.1)	1.26 (32.0)	0.91 (23.1)	10000 (690)



10,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS



Female swivel BSPP threads / Male BSPP threads

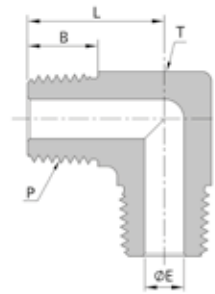
		#	Dimensions - in. (mm)				
P-ISO Parallel	Px-ISO Parallel		L	F	B	Bx	
G 1/4	G 1/4	SS-HPA-SBP4-HBP4	1.39 (35.2)	0.63 (15.9)	0.67 (17.0)	0.43 (11.0)	10000 (690)
G 3/8	G 1/4	SS-HPA-SBP6-HBP4	1.50 (38.2)	0.81 (20.6)	0.75 (19.0)	0.43 (11.0)	10000 (690)
G 3/8	G 3/8	SS-HPA-SBP6-HBP6	1.54 (39.2)	0.81 (20.6)	0.75 (19.0)	0.47 (12.0)	10000 (690)
G 1/2	G 1/4	SS-HPA-SBP8-HBP4	1.70 (43.2)	1.00 (25.4)	0.87 (22.0)	0.43 (11.0)	10000 (690)
G 1/2	G 3/8	SS-HPA-SBP8-HBP6	1.74 (44.2)	1.00 (25.4)	0.87 (22.0)	0.47 (12.0)	10000 (690)
G 1/2	G 1/2	SS-HPA-SBP8-HBP8	1.82 (46.2)	1.00 (25.4)	0.87 (22.0)	0.55 (14.0)	10000 (690)
G 3/4	G 3/8	SS-HPA-SBP12-HBP6	1.94 (49.2)	1.25 (31.8)	0.98 (25.0)	0.47 (12.0)	10000 (690)
G 3/4	G 1/2	SS-HPA-SBP12-HBP8	2.02 (51.2)	1.25 (31.8)	0.98 (25.0)	0.55 (14.0)	10000 (690)
G 3/4	G 3/4	SS-HPA-SBP12-HBP12	2.09 (53.2)	1.25 (31.8)	0.98 (25.0)	0.63 (16.0)	10000 (690)
G 1	G 1/2	SS-HPA-SBP16-HBP8	2.41 (61.2)	1.50 (38.1)	1.26 (32.0)	0.55 (14.0)	10000 (690)
G 1	G 3/4	SS-HPA-SBP16-HBP12	2.49 (63.2)	1.50 (38.1)	1.26 (32.0)	0.63 (16.0)	10000 (690)
G 1	G 1	SS-HPA-SBP16-HBP16	2.61 (66.2)	1.50 (38.1)	1.26 (32.0)	0.75 (19.0)	10000 (690)



MALE ELBOWS



Male NPT threads

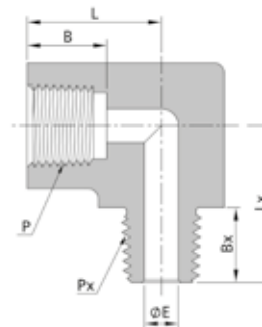
		#	Dimensions - in. (mm)				
P-NPT			L	B	E	T	
1/8		SS-HPME-NS2-10K	0.74 (18.8)	0.38 (9.7)	0.22 (5.5)	0.50 (12.7)	10000 (690)
1/4		SS-HPME-NS4-10K	1.00 (25.3)	0.56 (14.2)	0.28 (7.1)	0.63 (15.9)	10000 (690)
3/8		SS-HPME-NS6-10K	1.10 (28.0)	0.56 (14.2)	0.38 (9.6)	0.75 (19.1)	10000 (690)
1/2		SS-HPME-NS8-10K	1.44 (36.6)	0.75 (19.1)	0.47 (11.9)	1.00 (25.4)	10000 (690)
3/4		SS-HPME-NS12	1.56 (39.6)	0.75 (19.1)	0.58 (14.8)	1.37 (34.9)	10000 (690)
1		SS-HPME-NS16	1.89 (48.0)	0.94 (23.9)	0.79 (20.0)	1.50 (38.1)	10000 (690)



STREET ELBOWS

Male NPT threads / Female NPT threads



		#	Dimensions - in. (mm)				
P-NPT	Px-NPT		L	B	E	Lx	
1/8	1/8	SS-HPSE-NS2-10K	0.74 (18.8)	0.41 (10.4)	0.22 (5.5)	0.82 (20.9)	10000 (690)
1/8	1/4	SS-HPSE-NS2-NS4-10K	0.78 (19.8)	0.41 (10.4)	0.28 (7.1)	1.00 (25.5)	10000 (690)
1/8	3/8	SS-HPSE-NS2-NS6-10K	0.95 (24.2)	0.41 (10.4)	0.31 (8.0)	1.07 (27.2)	10000 (690)
1/4	1/4	SS-HPSE-NS4-10K	0.99 (25.2)	0.59 (15.0)	0.28 (7.1)	1.06 (7.1)	10000 (690)
1/4	3/8	SS-HPSE-NS4-NS6-10K	0.99 (25.2)	0.59 (15.0)	0.38 (9.6)	1.06 (7.1)	10000 (690)
1/4	1.2	SS-HPSE-NS4-NS8-10K	1.15 (29.1)	0.59 (15.0)	0.41 (10.4)	1.40 (35.5)	10000 (690)
3/8	3/8	SS-HPSE-NS6-10K	1.20 (30.6)	0.59 (15.0)	0.38 (9.6)	1.20 (30.6)	10000 (690)
3/8	1/2	SS-HPSE-NS6-NS8-10K	1.20 (30.6)	0.59 (15.0)	0.47 (11.9)	1.38 (35.0)	10000 (690)
1/2	1/2	SS-HPSE-NS8-10K	1.55 (39.4)	0.78 (19.8)	0.47 (11.9)	1.61 (40.8)	10000 (690)
1/2	3/4	SS-HPSE-NS8-NS12	1.43 (36.2)	0.78 (19.8)	0.58 (14.8)	1.61 (40.8)	10000 (1034)
1/2	1	SS-HPSE-NS8-NS16	1.45 (36.9)	0.78 (19.8)	0.67 (17.0)	1.86 (47.3)	10000 (1034)
3/4	3/4	SS-HPSE-NS12	1.61 (40.8)	0.81 (20.6)	0.58 (14.8)	1.77 (44.9)	10000 (1034)
3/4	1	SS-HPSE-NS12-NS16	1.63 (41.4)	0.81 (20.6)	0.79 (20.0)	1.86 (47.3)	10000 (1034)
1	1	SS-HPSE-NS16	1.91 (48.5)	1.00 (25.4)	0.79 (20.0)	2.07 (52.5)	10000 (1034)

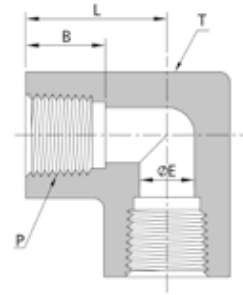


10,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

FEMALE ELBOWS



Female NPT threads

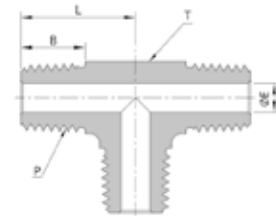
 P-NPT	#	Dimensions - in. (mm)				 psig (bar)
		L	B	E	T	
1/8	SS-HPMT-NS2-10K	0.79 (20.1)	0.41 (10.4)	0.31 (8.0)	0.63 (15.9)	10000 (690)
1/4	SS-HPMT-NS4-10K	0.99 (25.4)	0.59 (15.0)	0.41 (10.4)	0.75 (19.1)	10000 (690)
3/8	SS-HPMT-NS6-10K	1.20 (30.6)	0.59 (15.0)	0.54 (13.8)	1.00 (25.4)	10000 (690)
1/2	SS-HPMT-NS8-10K	1.55 (39.3)	0.78 (19.8)	0.67 (17.0)	1.37 (34.9)	10000 (690)
3/4	SS-HPMT-NS12	1.49 (37.8)	0.81 (20.6)	0.88 (22.3)	1.50 (38.1)	10000 (690)
1	SS-HPMT-NS16	2.07 (52.5)	1.00 (25.4)	1.11 (28.1)	1.75 (44.5)	10000 (690)



MALE TEES



Male NPT threads

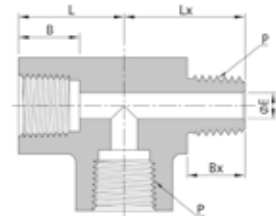
 P-NPT	#	Dimensions - in. (mm)				 psig (bar)
		L	B	E	T	
1/8	SS-HPMT-NS2-10K	0.74 (18.8)	0.38 (9.7)	0.22 (5.5)	0.50 (12.7)	10000 (690)
1/4	SS-HPMT-NS4-10K	1.00 (25.3)	0.56 (14.2)	0.28 (7.1)	0.63 (15.9)	10000 (690)
3/8	SS-HPMT-NS6-10K	1.10 (28.0)	0.56 (14.2)	0.38 (9.6)	0.75 (19.1)	10000 (690)
1/2	SS-HPMT-NS8-10K	1.44 (36.6)	0.75 (19.1)	0.47 (11.9)	1.00 (25.4)	10000 (690)
3/4	SS-HPMT-NS12	1.56 (39.6)	0.75 (19.1)	0.58 (14.8)	1.37 (34.9)	10000 (690)
1	SS-HPMT-NS16	1.89 (48.0)	0.94 (23.9)	0.79 (20.0)	1.50 (38.1)	10000 (690)



MALE STREET TEES



NPT Threads

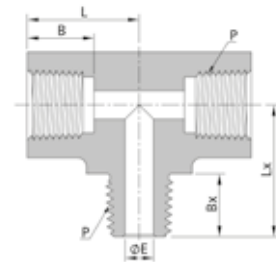
 P-NPT	#	Dimensions - in. (mm)				 psig (bar)
		L	B	Lx	Bx	
1/8	SS-HPST-NS2-10K	0.76 (19.4)	0.41 (10.4)	0.82 (20.9)	0.38 (9.7)	10000 (690)
1/4	SS-HPST-NS4-10K	0.99 (25.2)	0.59 (15.0)	1.06 (27.0)	0.56 (14.2)	10000 (690)
3/8	SS-HPST-NS6-10K	1.20 (30.6)	0.59 (15.0)	1.20 (30.6)	0.56 (14.2)	10000 (690)
1/2	SS-HPST-NS8-10K	1.55 (39.4)	0.78 (19.8)	1.61 (40.8)	0.75 (19.1)	10000 (690)
3/4	SS-HPST-NS12	1.72 (43.8)	0.81 (20.6)	1.68 (42.7)	0.75 (19.1)	10000 (690)
1	SS-HPST-NS16	2.07 (52.5)	1.00 (25.4)	2.06 (52.3)	0.94 (23.9)	10000 (690)



MALE BRANCH TEES

NPT Threads


 P-NPT	#	Dimensions - in. (mm)				 psig (bar)
		L	B	Lx	Bx	
1/8	SS-HPBT-NS2-10K	0.74 (18.8)	0.41 (10.4)	0.82 (20.9)	0.38 (9.7)	10000 (690)
1/4	SS-HPBT-NS4-10K	0.99 (25.2)	0.59 (15.0)	1.06 (27.0)	0.56 (14.2)	10000 (690)
3/8	SS-HPBT-NS6-10K	1.20 (30.6)	0.59 (15.0)	1.20 (30.6)	0.56 (14.2)	10000 (690)
1/2	SS-HPBT-NS8-10K	1.48 (37.6)	0.78 (19.8)	1.61 (40.8)	0.75 (19.1)	10000 (690)
3/4	SS-HPBT-NS12	1.61 (40.8)	0.81 (20.6)	1.77 (44.9)	0.75 (19.1)	10000 (690)
1	SS-HPBT-NS16	1.91 (48.5)	1.00 (25.4)	2.07 (52.5)	0.94 (23.9)	10000 (690)

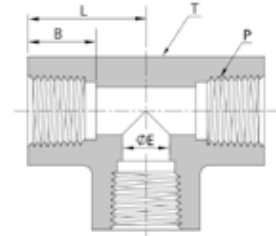


10,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

FEMALE TEES

Female NPT Threads

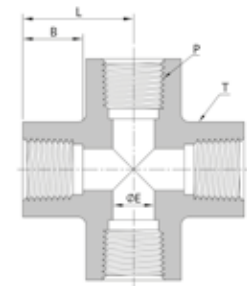
 P-NPT	#	Dimensions - in. (mm)				 psig (bar)
		L	B	E	T	
1/8	SS-HPT-NS2-10K	0.74 (18.8)	0.41 (10.4)	0.31 (8.0)	0.63 (15.9)	10000 (690)
1/4	SS-HPT-NS4-10K	0.99 (25.2)	0.59 (15.0)	0.41 (10.4)	0.75 (19.1)	10000 (690)
3/8	SS-HPT-NS6-10K	1.20 (30.6)	0.59 (15.0)	0.54 (13.8)	1.00 (25.4)	10000 (690)
1/2	SS-HPT-NS8-10K	1.55 (39.3)	0.78 (19.8)	0.67 (17.0)	1.37 (34.9)	10000 (690)
3/4	SS-HPT-NS12	1.49 (37.8)	0.81 (20.6)	0.88 (22.3)	1.50 (38.1)	10000 (690)
1	SS-HPT-NS16	2.07 (52.5)	1.00 (25.4)	1.11 (28.1)	1.75 (44.5)	10000 (690)



FEMALE CROSSES

Female NPT Threads

 P-NPT	#	Dimensions - in. (mm)				 psig (bar)
		L	B	E	T	
1/8	SS-HPCR-NS2-10K	0.74 (18.8)	0.41 (10.4)	0.31 (8.0)	0.63 (15.9)	10000 (690)
1/4	SS-HPCR-NS4-10K	0.99 (25.2)	0.59 (15.0)	0.41 (10.4)	0.75 (19.1)	10000 (690)
3/8	SS-HPCR-NS6-10K	1.20 (30.6)	0.59 (15.0)	0.54 (13.8)	1.00 (25.4)	10000 (690)
1/2	SS-HPCR-NS8-10K	1.49 (37.9)	0.78 (19.8)	0.67 (17.0)	1.37 (34.9)	10000 (690)
3/4	SS-HPCR-NS12	1.49 (37.8)	0.81 (20.6)	0.88 (22.3)	1.50 (38.1)	10000 (690)
1	SS-HPCR-NS16	1.91 (48.5)	1.00 (25.4)	1.11 (28.1)	1.75 (44.5)	10000 (690)



15,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

FEATURES


- The hardened threads with smooth surface avoid galling and help to extend the fitting service life
- Radius junction design with elbows provides smooth flow path
- Every fitting is stamped with size, material, and heat code
- 316 stainless steel standard material. Other materials are available upon request
- Available to NACE MR-01-75



CONFIGURATION	FITTING TYPE	EXAMPLE
	Pipe Plug	SS-HPP-NS4
	Hex Nipple	SS-HPHN-NS4
	Pipe Cap	SS-HPC-NS6
	Zero-Clearance Union	SS-HPZC-NS8
	Hex Coupling	SS-HPCG-NS4
	Hex Long Nipple	SS-HPLN-NS4-50.8
	Street Elbow	SS-HPSE-NS6
	Adaptor	SS-HPA-NS4
	Male Elbow	SS-HPME-NS4
	Female Elbow	SS-HPE-NS8
	Male Tee	SS-HPMT-NS2
	Male Street Tee	SS-HPST-NS4
	Male Branch Tee	SS-HPBT-NS6
	Female Tee	SS-HPT-NS8
	Female Crosses	SS-HPCR-NS4

15,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

THREAD SPECIFICATIONS

Connection type	Code		Thread specifications
NPT	NS	NPT	ASME B1.0.79, SAE AS71051
ISO Tapered	RT	ISO Tapered	ISO 7-1, BS EN 10226-1, JIS B0203
Heavy-duty SAE/MS (Accordance with SAE J1926-2)	SH	SAE/MS	ASME B1.1
JIC (37° Flare)	AN	SAE/MS	ASME B1.1
Type "M" male	HM	SAE/MS	ASME B1.1

WORKING TEMPERATURE

Connection type	Temperature rating
NPT	-325°F (-198°C) to 400°F (204°C)
ISO Tapered	-325°F (-198°C) to 400°F (204°C)
Heavy-duty SAE/MS (Accordance with SAE J1926-2)	0°F (-17.8°C) to 400°F (204°C)
JIC (37° Flare)	-420°F (-251°C) to 1200°F (649°C)
Type "M" male	-420°F (-251°C) to 1200°F (649°C)

ELEVATED TEMPERATURE FACTORS



To get the maximum working pressure at elevated temperature, use the maximum working pressure at ambient temperature to multiply the factors in the table below.

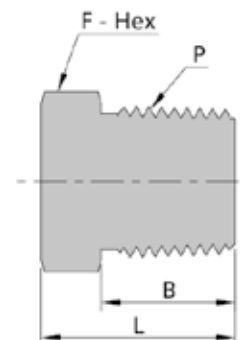
Material	Temperature		Factor
	°F	°C	
316	100	38	1
316	200	93	1
316	300	149	1
316	400	204	0.97
316	500	260	0.90
316	600	316	0.85
316	700	371	0.82
316	800	427	0.80

Date in this table is applied only to the working temperature below 800°F (427°C).

PIPE PLUGS

Male NPT threads

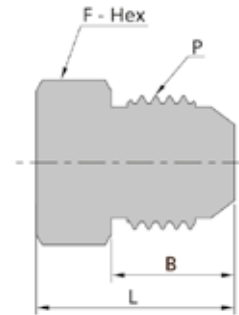
	#	Dimensions - in. (mm)			
P-NPT		L	F	B	psig (bar)
1/8	SS-HPP-NS2	0.63 (16.0)	0.44 (11.11)	0.38 (9.7)	15000 (1034)
1/4	SS-HPP-NS4	0.87 (22.2)	0.56 (14.3)	0.56 (14.2)	15000 (1034)
3/8	SS-HPP-NS6	0.93 (23.6)	0.69 (17.5)	0.56 (14.2)	15000 (1034)
1/2	SS-HPP-NS8	1.16 (29.5)	0.87 (22.2)	0.75 (19.1)	15000 (1034)
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)



15,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

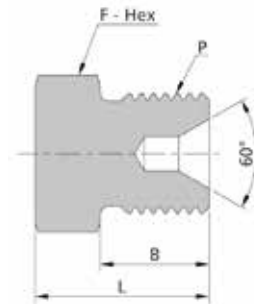
Male JIC

P-SAE/MS	#	Dimensions - in. (mm)			psig (bar)
		L	F	B	
7/16-20	SS-HPP-AN4	0.83 (21.0)	0.50 (12.7)	0.55 (14.0)	20000 (1379)
9/16-18	SS-HPP-AN6	0.89 (22.7)	0.63 (15.9)	0.56 (14.1)	20000 (1379)
3/4-16	SS-HPP-AN8	1.05 (26.7)	0.81 (20.6)	0.66 (16.7)	20000 (1379)
7/8-14	SS-HPP-AN10	1.19 (30.3)	0.94 (23.8)	0.76 (19.3)	20000 (1379)
1 1/16-12	SS-HPP-AN12	1.37 (34.9)	1.13 (28.6)	0.86 (21.9)	15000 (1034)
1 5/16-12	SS-HPP-AN16	1.51 (38.3)	1.37 (34.9)	0.91 (23.1)	15000 (1034)



Type "M" male

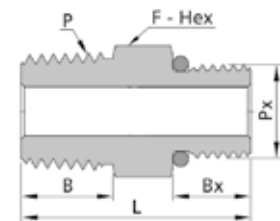
P-SAE/MS	#	Dimensions - in. (mm)			psig (bar)
		L	F	B	
9/16-18	SS-HPP-HM9	0.84 (21.3)	0.63 (15.9)	0.50 (12.7)	60000 (4137)
3/4-16	SS-HPP-HM12	1.01 (25.6)	0.75 (19.1)	0.63 (16.0)	30000 (2068)
7/8-14	SS-HPP-HM14	1.21 (30.8)	1.00 (25.4)	0.76 (19.2)	50000 (3447)
1-12	SS-HPP-HM16	1.10 (27.9)	1.00 (25.4)	0.64 (16.3)	30000 (2068)
1 5/16-12	SS-HPP-HM21	1.22 (30.9)	1.37 (34.9)	0.62 (15.7)	20000 (1379)



HEX NIPPLES

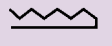

Male NPT threads / Male SAE/MS straight threads

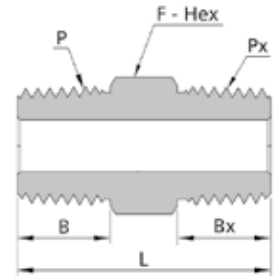
P-NPT	Px-SAE/MS	#	Dimensions - in. (mm)				psig (bar)
			L	F	B	Bx	
1/4	7/16-20	SS-HPHN-NS4-SH7	1.35 (34.2)	0.56 (14.3)	0.56 (14.2)	0.43 (11.0)	9137 (630)
1/4	9/16-18	SS-HPHN-NS4-SH9	1.43 (36.4)	0.69 (17.5)	0.56 (14.2)	0.47 (12.0)	9137 (630)
3/8	7/16-20	SS-HPHN-NS6-SH7	1.39 (35.4)	0.69 (17.5)	0.56 (14.2)	0.43 (11.0)	9137 (630)
3/8	9/16-18	SS-HPHN-NS6-SH9	1.43 (36.4)	0.69 (17.5)	0.56 (14.2)	0.47 (12.0)	9137 (630)
3/8	3/4-16	SS-HPHN-NS6-SH12	1.56 (39.6)	0.87 (22.2)	0.56 (14.2)	0.55 (14.0)	9137 (630)
1/2	9/16-18	SS-HPHN-NS8-SH9	1.67 (42.5)	0.87 (22.2)	0.75 (19.1)	0.47 (12.0)	9137 (630)
1/2	3/4-16	SS-HPHN-NS8-SH12	1.75 (44.5)	0.87 (22.2)	0.75 (19.1)	0.55 (14.0)	9137 (630)
1/2	7/8-14	SS-HPHN-NS8-SH14	1.88 (47.7)	1.00 (25.4)	0.75 (19.1)	0.63 (16.0)	9137 (630)
3/4	9/16-18	SS-HPHN-NS12-SH9	1.76 (44.7)	1.06 (27.0)	0.75 (19.1)	0.47 (12.0)	9137 (630)
3/4	3/4-16	SS-HPHN-NS12-SH12	1.84 (46.7)	1.06 (27.0)	0.75 (19.1)	0.55 (14.0)	9137 (630)
3/4	7/8-14	SS-HPHN-NS12-SH14	1.92 (48.7)	1.06 (27.0)	0.75 (19.1)	0.63 (16.0)	9137 (630)
1	3/4-16	SS-HPHN-NS16-SH12	2.13 (54.2)	1.37 (34.9)	0.94 (23.9)	0.55 (14.0)	9137 (630)
1	7/8-14	SS-HPHN-NS16-SH14	2.21 (56.1)	1.37 (34.9)	0.94 (23.9)	0.63 (16.0)	9137 (630)





15,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

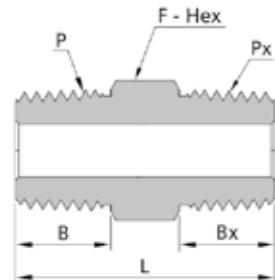
Male NPT threads

		#	Dimensions - in. (mm)				
P-NPT	Px-NPT		L	F	B	Bx	
1/8	1/8	SS-HPHN-NS2	1.05 (26.6)	0.44 (11.11)	0.38 (9.7)	0.38 (9.7)	15000 (1034)
1/4	1/8	SS-HPHN-NS2-NS4	1.30 (32.9)	0.56 (14.3)	0.56 (14.2)	0.38 (9.7)	15000 (1034)
1/4	1/4	SS-HPHN-NS4	1.47 (37.4)	0.56 (14.3)	0.56 (14.2)	0.56 (14.2)	15000 (1034)
3/8	1/8	SS-HPHN-NS6-NS2	1.34 (34.1)	0.69 (17.5)	0.56 (14.2)	0.38 (9.7)	15000 (1034)
3/8	1/4	SS-HPHN-NS6-NS4	1.52 (38.6)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	15000 (1034)
3/8	3/8	SS-HPHN-NS6	1.52 (38.6)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	15000 (1034)
1/2	1/8	SS-HPHN-NS8-NS2	1.58 (40.2)	0.87 (22.2)	0.75 (19.1)	0.38 (9.7)	15000 (1034)
1/2	1/4	SS-HPHN-NS8-NS4	1.76 (44.7)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	15000 (1034)
1/2	3/8	SS-HPHN-NS8-NS6	1.76 (44.7)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	15000 (1034)
1/2	1/2	SS-HPHN-NS8	1.95 (49.6)	0.87 (22.2)	0.75 (19.1)	0.75 (19.1)	15000 (1034)





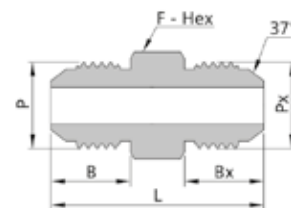
Male NPT threads / Male ISO Tapered threads

		#	Dimensions - in. (mm)				
P-NPT	Px-ISO Tapered		L	F	B	Bx	
1/8	1/8	SS-HPHN-NS2-RT2	1.05 (26.6)	0.44 (11.11)	0.38 (9.7)	0.38 (9.7)	15000 (1034)
1/4	1/8	SS-HPHN-NS4-RT2	1.30 (32.9)	0.56 (14.3)	0.56 (14.2)	0.38 (9.7)	15000 (1034)
1/4	1/4	SS-HPHN-NS4-RT4	1.47 (37.4)	0.56 (14.3)	0.56 (14.2)	0.56 (14.2)	15000 (1034)
3/8	1/8	SS-HPHN-NS6-RT2	1.34 (34.1)	0.69 (17.5)	0.56 (14.2)	0.38 (9.7)	15000 (1034)
3/8	1/4	SS-HPHN-NS6-RT4	1.52 (38.6)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	15000 (1034)
3/8	3/8	SS-HPHN-NS6-RT6	1.52 (38.6)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	15000 (1034)
1/2	1/8	SS-HPHN-NS8-RT2	1.58 (40.2)	0.87 (22.2)	0.75 (19.1)	0.38 (9.7)	15000 (1034)
1/2	1/4	SS-HPHN-NS8-RT4	1.76 (44.7)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	15000 (1034)
1/2	3/8	SS-HPHN-NS8-RT6	1.76 (44.7)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	15000 (1034)
1/2	1/2	SS-HPHN-NS8-RT8	1.95 (49.6)	0.87 (22.2)	0.75 (19.1)	0.75 (19.1)	15000 (1034)



Male JIC

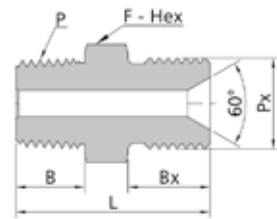
		#	Dimensions - in. (mm)				
Px-SAE/MS	Px-SAE/MS		L	F	B	Bx	
7/16-20	7/16-20	SS-HPHN-AN4	1.40 (35.6)	0.50 (12.7)	0.55 (14.0)	0.55 (14.0)	20000 (1379)
9/16-18	7/16-20	SS-HPHN-AN6-AN4	1.48 (37.7)	0.63 (15.9)	0.55 (14.0)	0.56 (14.1)	20000 (1379)
9/16-18	9/16-18	SS-HPHN-AN6	1.49 (37.8)	0.63 (15.9)	0.56 (14.1)	0.56 (14.1)	20000 (1379)
3/4-16	9/16-18	SS-HPHN-AN8-AN6	1.65 (41.8)	0.81 (20.6)	0.56 (14.1)	0.66 (16.7)	20000 (1379)
3/4-16	3/4-16	SS-HPHN-AN8	1.75 (44.4)	0.81 (20.6)	0.66 (16.7)	0.66 (16.7)	20000 (1379)
7/8-14	9/16-18	SS-HPHN-AN10-AN16	1.79 (45.4)	0.94 (23.8)	0.56 (14.1)	0.76 (19.3)	20000 (1379)
7/8-14	3/4-16	SS-HPHN-AN10-AN8	1.89 (48.0)	0.94 (23.8)	0.66 (16.7)	0.76 (19.3)	20000 (1379)
7/8-14	7/8-14	SS-HPHN-AN10	1.99 (50.6)	0.94 (23.8)	0.76 (19.3)	0.76 (19.3)	20000 (1379)
1 1/16-12	3/4-16	SS-HPHN-AN12-AN8	2.07 (52.6)	1.13 (28.6)	0.66 (16.7)	0.86 (21.9)	15000 (1034)
1 1/16-12	7/8-14	SS-HPHN-AN12-AN10	2.17 (55.2)	1.13 (28.6)	0.76 (19.3)	0.86 (21.9)	15000 (1034)
1 1/16-12	1 1/16-12	SS-HPHN-AN12	2.28 (57.8)	1.13 (28.6)	0.86 (21.9)	0.86 (21.9)	15000 (1034)
1 5/16-12	7/8-14	SS-HPHN-AN16-AN10	2.31 (58.6)	1.37 (34.9)	0.76 (19.3)	0.91 (23.1)	15000 (1034)
1 5/16-12	1 1/16-12	SS-HPHN-AN16-AN12	2.41 (61.2)	1.37 (34.9)	0.86 (21.9)	0.91 (23.1)	15000 (1034)
1 5/16-12	1 5/16-12	SS-HPHN-AN12	2.46 (62.4)	1.37 (34.9)	0.91 (23.1)	0.91 (23.1)	15000 (1034)



15,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

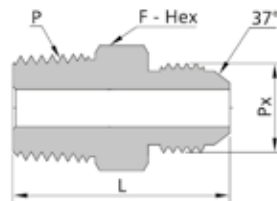
Male NPT threads / Type "M" male

P-NPT	Px-SAE/MS	#	Dimensions - in. (mm)				psig (bar)
			L	F	B	Bx	
1/8	9/16-18	SS-HPHN-NS2-HM9	1.22 (31.0)	0.63 (15.9)	0.38 (9.7)	0.50 (12.7)	15000 (1034)
1/8	3/4-16	SS-HPHN-NS2-HM12	13.9 (35.3)	0.75 (19.1)	0.38 (9.7)	0.63 (16.0)	15000 (1034)
1/4	9/16-18	SS-HPHN-NS4-HM9	1.40 (35.5)	0.63 (15.9)	0.56 (14.2)	0.50 (12.7)	15000 (1034)
1/4	3/4-16	SS-HPHN-NS4-HM12	1.57 (39.8)	0.75 (19.1)	0.56 (14.2)	0.63 (16.0)	15000 (1034)
1/4	7/8-14	SS-HPHN-NS4-HM14	1.77 (45.0)	1.00 (25.4)	0.56 (14.2)	0.75 (19.2)	15000 (1034)
3/8	9/16-18	SS-HPHN-NS6-HM9	1.42 (36.2)	0.69 (17.5)	0.56 (14.2)	0.50 (12.7)	15000 (1034)
3/8	3/4-16	SS-HPHN-NS6-HM12	1.57 (39.8)	0.75 (19.1)	0.56 (14.2)	0.63 (16.0)	15000 (1034)
3/8	7/8-14	SS-HPHN-NS6-HM14	1.96 (49.9)	1.00 (25.4)	0.75 (19.1)	0.76 (19.2)	15000 (1034)
1/2	9/16-18	SS-HPHN-NS8-HM9	1.66 (42.2)	0.87 (22.2)	0.75 (19.1)	0.50 (12.7)	15000 (1034)
1/2	3/4-16	SS-HPHN-NS8-HM12	1.79 (45.5)	0.87 (22.2)	0.75 (19.1)	0.63 (16.0)	15000 (1034)
1/2	7/8-14	SS-HPHN-NS8-HM14	1.96 (49.9)	1.00 (25.4)	0.75 (19.1)	0.76 (19.2)	15000 (1034)
1/2	1-12	SS-HPHN-NS8-HM16	1.85 (47.0)	1.00 (25.4)	0.75 (19.1)	0.64 (16.3)	15000 (1034)
3/4	9/16-18	SS-HPHN-NS12-HM9	1.75 (44.4)	1.06 (27.0)	0.75 (19.1)	0.50 (12.7)	10000 (690)
3/4	3/4-16	SS-HPHN-NS12-HM12	1.88 (47.7)	1.06 (27.0)	0.75 (19.1)	0.63 (16.0)	10000 (690)
3/4	7/8-14	SS-HPHN-NS12-HM14	2.00 (50.9)	1.06 (27.0)	0.75 (19.1)	0.76 (19.2)	10000 (690)
3/4	1-12	SS-HPHN-NS12-HM16	1.89 (48.0)	1.06 (27.0)	0.75 (19.1)	0.64 (16.3)	10000 (690)
1	1-12	SS-HPHN-NS16-HM16	2.18 (55.4)	1.37 (34.9)	0.94 (23.9)	0.64 (16.3)	10000 (690)
1	1 5/16-12	SS-HPHN-NS16-HM21	2.16 (54.8)	1.37 (34.9)	0.94 (23.9)	0.62 (15.7)	10000 (690)





Male NPT thread / Male JIC thread

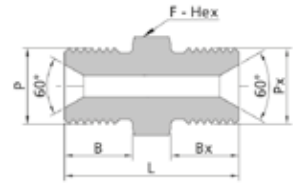
P-NPT	Px-SAE/MS	#	Dimensions - in. (mm)			psig (bar)
			L	F	B	
1/8	7/16-20	SS-HPHN-NS2-AN4	1.23 (31.3)	0.50 (12.7)	0.17 (4.4)	15000 (1034)
1/8	9/16-18	SS-HPHN-NS2-AN6	1.31 (33.4)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
1/4	7/16-20	SS-HPHN-NS4-AN4	1.46 (37.2)	0.56 (14.3)	0.17 (4.4)	15000 (1034)
1/4	9/16-18	SS-HPHN-NS4-AN6	1.49 (39.7)	0.63 (15.9)	0.23 (5.8)	15000 (1034)
1/4	3/4-16	SS-HPHN-NS4-AN8	1.65 (41.9)	0.81 (20.6)	0.25 (6.4)	15000 (1034)
3/8	9/16-18	SS-HPHN-NS6-AN6	1.52 (38.5)	0.69 (17.5)	0.23 (5.8)	15000 (1034)
3/8	3/4-16	SS-HPHN-NS6-AN8	1.62 (41.1)	0.81 (20.6)	0.31 (7.9)	15000 (1034)
3/8	7/8-14	SS-HPHN-NS6-AN10	1.79 (45.5)	0.94 (23.8)	0.31 (7.9)	15000 (1034)
1/2	7/16-20	SS-HPHN-NS8-AN4	1.75 (44.5)	0.87 (22.2)	0.17 (4.4)	15000 (1034)
1/2	9/16-18	SS-HPHN-NS8-AN6	1.75 (44.6)	0.87 (22.2)	0.23 (5.8)	15000 (1034)
1/2	3/4-16	SS-HPHN-NS8-AN8	1.86 (47.2)	0.87 (22.2)	0.31 (8.0)	15000 (1034)
1/2	7/8-14	SS-HPHN-NS8-AN10	1.98 (50.4)	0.94 (23.8)	0.37 (9.4)	15000 (1034)



15,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS



Type "M" male

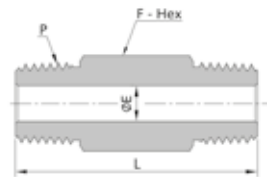
		#	Dimensions - in. (mm)				
Px-SAE/MS	Px-SAE/MS		L	F	B	Bx	
9/16-18	9/16-18	SS-HPHN-HM9	1.34 (34.0)	0.63 (15.9)	0.50 (12.7)	0.50 (12.7)	60000 (4137)
3/4-16	9/16-18	SS-HPHN-HM12-HM9	1.51 (38.3)	0.75 (19.1)	0.63 (16.0)	0.50 (12.7)	30000 (2068)
3/4-16	3/4-16	SS-HPHN-HM12	1.64 (41.6)	0.75 (19.1)	0.63 (16.0)	0.63 (16.0)	30000 (2068)
7/8-14	9/16-18	SS-HPHN-HM14-HM9	1.71 (43.5)	1.00 (25.4)	0.76 (19.2)	0.50 (12.7)	50000 (3447)
7/8-14	3/4-16	SS-HPHN-HM14-HM12	1.84 (46.8)	1.00 (25.4)	0.76 (19.2)	0.63 (16.0)	30000 (2068)
7/8-14	7/8-14	SS-HPHN-HM14	1.97 (50.0)	1.00 (25.4)	0.76 (19.2)	0.76 (19.2)	50000 (3447)
1-12	9/16-18	SS-HPHN-HM16-HM9	1.60 (40.6)	1.00 (25.4)	0.64 (16.3)	0.50 (12.7)	30000 (2068)
1-12	3/4-16	SS-HPHN-HM16-HM12	1.73 (43.9)	1.00 (25.4)	0.64 (16.3)	0.63 (16.0)	30000 (2068)
1-12	7/8-14	SS-HPHN-HM16-HM14	1.85 (47.1)	1.00 (25.4)	0.64 (16.3)	0.76 (19.2)	30000 (2068)
1-12	1-12	SS-HPHN-HM16	1.74 (44.2)	1.00 (25.4)	0.64 (16.3)	0.64 (16.3)	30000 (2068)
1 5/16-12	1-12	SS-HPHN-HM21-HM16	1.86 (47.2)	0.37 (34.9)	0.62 (15.7)	0.64 (16.3)	20000 (1379)
1 5/16-12	1 5/16-12	SS-HPHN-HM21	1.83 (46.6)	1.37 (34.9)	0.62 (15.7)	0.62 (15.7)	20000 (1379)



HEX LONG NIPPLES

Male NPT threads



		#	Dimensions - in. (mm)			
P-NPT			L	F	B	
1/8	SS-HPLN-NS2-1.5	1.50 (38.1)	0.44 (11.11)	0.19 (4.8)	15000 (1034)	
1/8	SS-HPLN-NS2-2	2.00 (50.8)	0.44 (11.11)	0.19 (4.8)	15000 (1034)	
1/8	SS-HPLN-NS2-2.5	2.50 (63.5)	0.44 (11.11)	0.19 (4.8)	15000 (1034)	
1/8	SS-HPLN-NS2-3	3.00 (76.2)	0.44 (11.11)	0.19 (4.8)	15000 (1034)	
1/4	SS-HPLN-NS4-2	2.00 (50.8)	0.56 (14.3)	0.25 (6.4)	15000 (1034)	
1/4	SS-HPLN-NS4-2.5	2.50 (63.5)	0.56 (14.3)	0.25 (6.4)	15000 (1034)	
1/4	SS-HPLN-NS4-3	3.00 (76.2)	0.56 (14.3)	0.25 (6.4)	15000 (1034)	
1/4	SS-HPLN-NS4-4	4.00 (101.6)	0.56 (14.3)	0.25 (6.4)	15000 (1034)	
3/8	SS-HPLN-NS6-2	2.00 (50.8)	0.69 (17.5)	0.31 (7.9)	15000 (1034)	
3/8	SS-HPLN-NS6-2.5	2.50 (62.5)	0.69 (17.5)	0.31 (7.9)	15000 (1034)	
3/8	SS-HPLN-NS6-3	3.00 (76.2)	0.69 (17.5)	0.31 (7.9)	15000 (1034)	
3/8	SS-HPLN-NS6-4	4.00 (101.6)	0.69 (17.5)	0.31 (7.9)	15000 (1034)	
1/2	SS-HPLN-NS8-3	3.00 (76.2)	22.2 (0.87)	0.38 (9.6)	15000 (1034)	
1/2	SS-HPLN-NS8-4	4.00 (101.6)	22.2 (0.87)	0.38 (9.6)	15000 (1034)	
1/2	SS-HPLN-NS8-6	6.00 (152.4)	22.2 (0.87)	0.38 (9.6)	15000 (1034)	

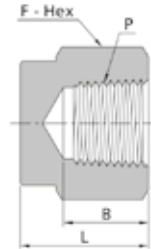


15,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS



PIPE CAPS

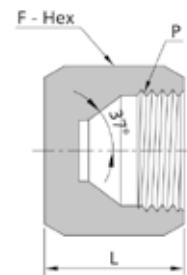
Female NPT threads

 P-NPT	#	Dimensions - in. (mm)			 psig (bar)
		L	F	B	
1/8	SS-HPC-NS2	0.75 (19.1)	0.63 (15.9)	0.41 (10.4)	15000 (1034)
1/4	SS-HPC-NS4	0.91 (23.8)	0.94 (23.8)	0.59 (15.0)	15000 (1034)
3/8	SS-HPC-NS6	1.03 (26.2)	1.13 (28.6)	0.59 (15.0)	15000 (1034)
1/2	SS-HPC-NS8	1.34 (34.0)	1.37 (34.9)	0.78 (19.8)	15000 (1034)





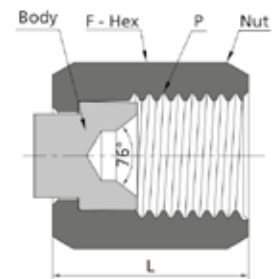
Female JIC

 P-SAE/MS	#	Dimensions - in. (mm)		 psig (bar)
		L	F	
7/16-20	SS-HPC-AN4	0.62 (15.8)	0.56 (14.3)	20000 (1379)
9/16-18	SS-HPC-AN6	0.72 (18.3)	0.69 (17.5)	20000 (1379)
3/4-16	SS-HPC-AN8	0.83 (21.2)	0.87 (22.2)	20000 (1379)
7/8-14	SS-HPC-AN10	0.98 (24.9)	1.00 (25.4)	20000 (1379)
1 1/16-12	SS-HPC-AN12	1.09 (27.8)	1.25 (31.8)	15000 (1034)
1 5/16-12	SS-HPC-AN16	1.30 (33.0)	1.50 (38.1)	15000 (1034)





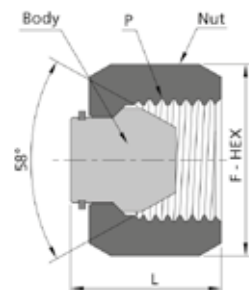
Moveable insert female JIC

 P-SAE/MS	#	Dimensions - in. (mm)		 psig (bar)
		L	F	
7/16-20	SS-HMC-AN4	0.68 (17.3)	0.56 (14.3)	20000 (1379)
9/16-18	SS-HMC-AN6	0.79 (20.0)	0.69 (17.5)	20000 (1379)
3/4-16	SS-HMC-AN8	0.89 (22.6)	0.87 (22.2)	20000 (1379)
7/8-14	SS-HMC-AN10	0.99 (25.1)	1.00 (25.4)	20000 (1379)
1 1/16-12	SS-HMC-AN12	1.03 (26.2)	1.25 (31.8)	15000 (1034)
1 5/16-12	SS-HMC-AN16	1.18 (30.0)	1.50 (38.1)	15000 (1034)



Moveable insert type "M" female



 P-SAE/MS	#	Dimensions - in. (mm)		 psig (bar)
		L	F	
9/16-18	SS-HMC-HM9	0.85 (21.6)	0.69 (17.5)	60000 (4137)
3/4-16	SS-HMC-HM12	0.91 (23.1)	1.00 (25.4)	30000 (2068)
7/8-14	SS-HMC-HM14	1.28 (32.5)	1.19 (30.2)	50000 (3447)
1-12	SS-HMC-HM16	1.25 (31.8)	1.25 (31.8)	30000 (2068)
1 5/16-12	SS-HMC-HM21	1.18 (30.0)	1.50 (38.1)	20000 (1379)

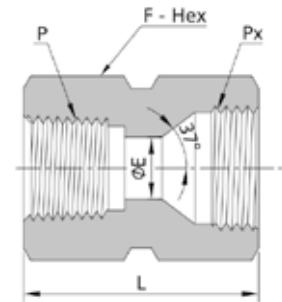


15,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS



HEX COUPLINGS

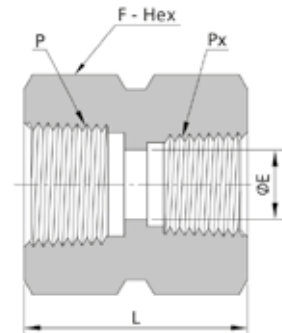
Female NPT threads / JIC Female threads

		#	Dimensions - in. (mm)			 psig (bar)
P-NPT	Px-SAE/MS		L	F	E	
1/8	7/16-20	SS-HPCG-NS2-AN4	1.12 (28.4)	0.63 (15.9)	0.17 (4.3)	15000 (1034)
1/4	7/16-20	SS-HPCG-NS4-AN4	1.33 (33.7)	0.94 (23.8)	0.17 (4.3)	15000 (1034)
1/4	9/16-18	SS-HPCG-NS4-AN6	1.36 (34.5)	0.94 (23.8)	0.30 (7.5)	15000 (1034)
3/8	7/16-20	SS-HPCG-NS6-AN4	1.33 (33.7)	1.13 (28.6)	0.17 (4.3)	15000 (1034)
3/8	9/16-18	SS-HPCG-NS6-AN6	1.36 (34.5)	1.13 (28.6)	0.30 (7.5)	15000 (1034)
3/8	3/4-16	SS-HPCG-NS6-AN8	1.44 (36.5)	1.13 (28.6)	0.39 (9.9)	15000 (1034)
1/2	9/16-18	SS-HPCG-NS8-AN6	1.56 (39.7)	1.37 (34.9)	0.30 (7.5)	15000 (1034)
1/2	3/4-16	SS-HPCG-NS8-AN8	1.64 (41.7)	1.37 (34.9)	0.39 (9.9)	15000 (1034)
1/2	7/8-14	SS-HPCG-NS8-AN10	1.74 (44.1)	1.37 (34.9)	0.48 (12.3)	15000 (1034)





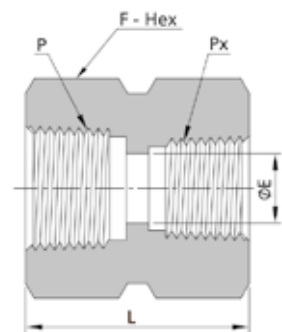
Female NPT threads / Female ISO Tapered threads

		#	Dimensions - in. (mm)			 psig (bar)
P-NPT	Px-ISO Tapered		L	F	E	
1/8	1/8	SS-HPCG-NS2-RT2	0.94 (23.8)	0.63 (15.9)	0.31 (8.0)	15000 (1034)
1/4	1/8	SS-HPCG-NS4-RT2	1.14 (28.9)	0.94 (23.8)	0.31 (8.0)	15000 (1034)
1/4	1/4	SS-HPCG-NS4-RT4	1.32 (33.5)	0.94 (23.8)	0.41 (10.4)	15000 (1034)
3/8	1/8	SS-HPCG-NS6-RT2	1.14 (28.9)	1.13 (28.6)	0.31 (8.0)	15000 (1034)
3/8	1/4	SS-HPCG-NS6-RT4	1.32 (33.5)	1.13 (28.6)	0.41 (10.4)	15000 (1034)
3/8	3/8	SS-HPCG-NS6-RT6	1.32 (33.5)	1.13 (28.6)	0.54 (13.8)	15000 (1034)
1/2	1/8	SS-HPCG-NS8-RT2	1.35 (34.2)	1.37 (34.9)	0.31 (8.0)	15000 (1034)
1/2	1/4	SS-HPCG-NS8-RT4	1.53 (38.8)	1.37 (34.9)	0.41 (10.4)	15000 (1034)
1/2	3/8	SS-HPCG-NS8-RT6	1.53 (38.8)	1.37 (34.9)	0.54 (13.8)	15000 (1034)
1/2	1/2	SS-HPCG-NS8-RT8	1.72 (43.8)	1.37 (34.9)	0.67 (17.0)	15000 (1034)





Female NPT threads

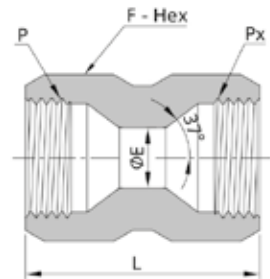
		#	Dimensions - in. (mm)			 psig (bar)
P-NPT	Px-NPT		L	F	E	
1/8	1/8	SS-HPCG-NS2	0.94 (23.8)	0.63 (15.9)	0.31 (8.0)	15000 (1034)
1/4	1/8	SS-HPCG-NS4-NS2	1.14 (28.9)	0.94 (23.8)	0.31 (8.0)	15000 (1034)
1/4	1/4	SS-HPCG-NS4	1.32 (33.5)	0.94 (23.8)	0.41 (10.4)	15000 (1034)
3/8	1/8	SS-HPCG-NS6-NS2	1.14 (28.9)	1.13 (28.6)	0.31 (8.0)	15000 (1034)
3/8	1/4	SS-HPCG-NS6-NS4	1.32 (33.5)	1.13 (28.6)	0.41 (10.4)	15000 (1034)
3/8	3/8	SS-HPCG-NS6	1.32 (33.5)	1.13 (28.6)	0.54 (13.8)	15000 (1034)
1/2	1/8	SS-HPCG-NS8-NS2	1.35 (34.2)	1.37 (34.9)	0.31 (8.0)	15000 (1034)
1/2	1/4	SS-HPCG-NS8-NS4	1.53 (38.8)	1.37 (34.9)	0.41 (10.4)	15000 (1034)
1/2	3/8	SS-HPCG-NS8-NS6	1.53 (38.8)	1.37 (34.9)	0.54 (13.8)	15000 (1034)
1/2	1/2	SS-HPCG-NS8	1.72 (43.8)	1.37 (34.9)	0.67 (17.0)	15000 (1034)



15,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS



Female JIC

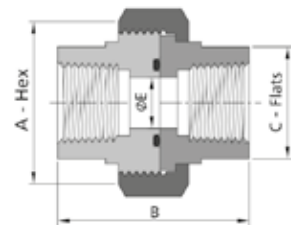
		#	Dimensions - in. (mm)			
P-SAE/MS	Px-SAE/MS		L	F	E	
7/16-20	7/16-20	SS-HPCG-AN4	1.24 (31.5)	0.56 (14.3)	0.17 (4.3)	20000 (1379)
9/16-18	7/16-20	SS-HPCG-AN6-AN4	1.27 (32.3)	0.69 (17.5)	0.17 (4.3)	20000 (1379)
9/16-18	9/16-18	SS-HPCG-AN6	1.33 (33.8)	0.69 (17.5)	0.30 (7.5)	20000 (1379)
3/4-16	9/16-18	SS-HPCG-AN8-AN4	1.39 (35.4)	0.87 (22.2)	0.30 (7.5)	20000 (1379)
3/4-16	3/4-16	SS-HPCG-AN8	1.48 (37.6)	0.87 (22.2)	0.39 (9.9)	20000 (1379)
7/8-14	3/4-16	SS-HPCG-AN10-AN8	1.57 (40.0)	1.00 (25.4)	0.39 (9.9)	20000 (1379)
7/8-14	7/8-14	SS-HPCG-AN10	1.68 (42.6)	1.00 (25.4)	0.48 (12.3)	20000 (1379)
1 1/16-12	7/8-14	SS-HPCG-AN12-AN10	1.74 (44.1)	1.37 (34.8)	0.48 (12.3)	15000 (1034)
1 1/16-12	1 1/16-12	SS-HPCG-AN12	1.80 (45.8)	1.25 (31.8)	0.61 (15.5)	15000 (1034)
1 5/16-12	1 1/16-12	SS-HPCG-AN16-AN12	1.89 (48.1)	1.50 (38.1)	0.61 (15.5)	15000 (1034)
1 5/16-12	1 5/16-12	SS-HPCG-AN16	1.97 (50.1)	1.50 (38.1)	0.84 (21.44)	15000 (1034)



ZERO-CLEARANCE UNIONS



Female NPT threads

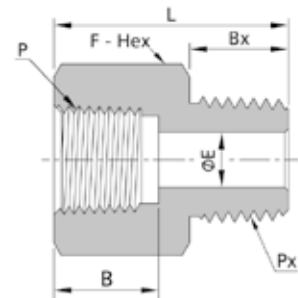
		#	Dimensions - in. (mm)				
P-NPT			A	B	C	E	
1/8		SS-HPZC-NS2	1.06 (27.0)	1.75 (44.5)	0.62 (15.8)	0.31 (8.0)	15000 (1034)
1/4		SS-HPZC-NS4	1.50 (38.1)	2.00 (50.8)	0.94 (23.8)	0.41 (10.4)	15000 (1034)
3/8		SS-HPZC-NS6	1.75 (44.5)	2.25 (57.2)	1.12 (28.5)	0.54 (13.8)	15000 (1034)
1/2		SS-HPZC-NS8	2.00 (50.8)	2.50 (63.5)	1.37 (34.9)	0.67 (17.0)	15000 (1034)
3/4		SS-HPZC-NS12	2.25 (57.2)	2.75 (69.9)	1.50 (38.1)	0.88 (22.3)	10000 (690)



ADAPTORS



Female NPT threads / Male NPT threads

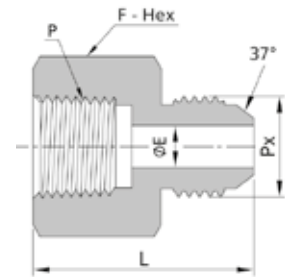
		#	Dimensions - in. (mm)				
P-NPT	Px-NPT		L	F	B	Bx	
1/8	1/8	SS-HPA-NS2	0.96 (24.5)	0.63 (15.9)	0.41 (10.4)	0.38 (9.7)	15000 (1034)
1/8	1/4	SS-HPA-NS2-NS4	1.13 (28.8)	0.63 (15.9)	0.41 (10.4)	0.56 (14.2)	15000 (1034)
1/8	3/8	SS-HPA-NS2-NS6	1.14 (29.0)	0.69 (17.5)	0.41 (10.4)	0.56 (14.2)	15000 (1034)
1/8	1/2	SS-HPA-NS2-NS8	1.08 (27.4)	0.87 (22.2)	0.41 (10.4)	0.75 (19.1)	15000 (1034)
1/8	3/4	SS-HPA-NS2-NS12	1.08 (27.4)	1.06 (27.0)	0.41 (10.4)	0.75 (19.1)	10000 (690)
1/4	1/8	SS-HPA-NS4-NS2	1.25 (31.8)	0.94 (23.8)	0.59 (15.0)	0.38 (9.7)	15000 (1034)
1/4	1/4	SS-HPA-NS4	1.37 (34.9)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	15000 (1034)
1/4	3/8	SS-HPA-NS4-NS6	1.37 (34.9)	0.94 (23.8)	0.59 (15.0)	0.56 (14.2)	15000 (1034)
1/4	1/2	SS-HPA-NS4-NS8	1.58 (40.1)	0.94 (23.8)	0.59 (15.0)	0.75 (19.1)	15000 (1034)
1/4	3/4	SS-HPA-NS4-NS12	1.34 (34.1)	1.06 (27.0)	0.59 (15.0)	0.75 (19.1)	10000 (690)
1/4	1	SS-HPA-NS4-NS16	1.37 (34.8)	1.37 (34.9)	0.59 (15.0)	0.94 (23.9)	10000 (690)
3/8	1/4	SS-HPA-NS6-NS4	1.42 (36.0)	1.13 (28.6)	0.59 (15.0)	0.56 (14.2)	15000 (1034)
3/8	3/8	SS-HPA-NS6	1.42 (36.0)	1.13 (28.6)	0.59 (15.0)	0.56 (14.2)	15000 (1034)
3/8	1/2	SS-HPA-NS6-NS8	1.61 (41.0)	1.13 (28.6)	0.59 (15.0)	0.75 (19.1)	15000 (1034)
3/8	3/4	SS-HPA-NS6-NS12	1.61 (41.0)	1.13 (28.6)	0.59 (15.0)	0.75 (19.1)	10000 (690)
3/8	1	SS-HPA-NS6-NS16	1.47 (37.3)	1.37 (34.9)	0.59 (15.0)	0.94 (23.9)	10000 (690)
1/2	1/4	SS-HPA-NS8-NS4	1.72 (43.1)	1.37 (34.9)	0.78 (19.8)	0.56 (14.2)	15000 (1034)
1/2	3/8	SS-HPA-NS8-NS6	1.72 (43.1)	1.37 (34.9)	0.78 (19.8)	0.56 (14.2)	15000 (1034)
1/2	1/2	SS-HPA-NS8	1.89 (48.0)	1.37 (34.9)	0.78 (19.8)	0.75 (19.1)	15000 (1034)





15,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

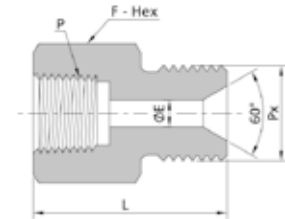
Female NPT threads / Male JIC

		#	Dimensions - in. (mm)			
P-NPT	Px-SAE/MS		L	F	B	
1/8	7/16-20	SS-HPA-NS2-AN4	1.09 (27.8)	0.63 (15.9)	0.17 (4.4)	15000 (1034)
1/4	7/16-20	SS-HPA-NS4-AN4	1.32 (33.5)	0.94 (23.8)	0.17 (4.4)	15000 (1034)
1/4	9/16-18	SS-HPA-NS4-AN6	1.32 (33.5)	0.94 (23.8)	0.23 (5.8)	15000 (1034)
3/8	9/16-18	SS-HPA-NS6-AN6	1.37 (34.8)	1.13 (28.6)	0.23 (5.8)	15000 (1034)
3/8	3/4-16	SS-HPA-NS6-AN8	1.47 (37.4)	1.13 (28.6)	0.31 (8.0)	15000 (1034)
1/2	3/4-16	SS-HPA-NS8-AN8	1.72 (43.6)	1.37 (34.9)	0.31 (8.0)	15000 (1034)
1/2	7/8-14	SS-HPA-NS8-AN10	1.82 (46.2)	1.37 (34.9)	0.41 (10.4)	15000 (1034)
1/2	1 1/16-12	SS-HPA-NS8-AN12	1.92 (48.8)	1.37 (34.9)	0.46 (11.6)	15000 (1034)





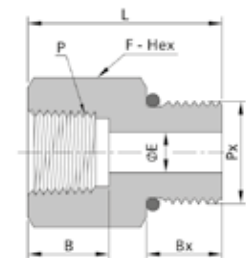
Female NPT threads / Type "M" male

		#	Dimensions - in. (mm)			
P-NPT	Px-SAE/MS		L	F	E	
1/8	9/16-18	SS-HPA-NS2-HM9	1.13 (28.6)	0.63 (15.9)	0.09 (2.4)	15000 (1034)
1/4	9/16-18	SS-HPA-NS4-HM9	1.37 (34.9)	0.94 (23.8)	0.09 (2.4)	15000 (1034)
1/4	3/4-16	SS-HPA-NS4-HM12	1.50 (38.1)	0.94 (23.8)	0.29 (7.4)	15000 (1034)
3/8	9/16-18	SS-HPA-NS6-HM9	1.44 (36.5)	1.13 (28.6)	0.09 (2.4)	15000 (1034)
3/8	3/4-16	SS-HPA-NS6-HM12	1.56 (39.7)	1.13 (28.6)	0.29 (7.4)	15000 (1034)
1/2	9/16-18	SS-HPA-NS8-HM9	1.63 (41.3)	1.37 (34.9)	0.09 (2.4)	15000 (1034)
1/2	3/4-16	SS-HPA-NS8-HM12	1.75 (44.4)	1.37 (34.9)	0.29 (7.4)	15000 (1034)
1/2	7/8-14	SS-HPA-NS8-HM14	1.87 (47.6)	1.37 (34.9)	0.15 (3.8)	15000 (1034)
3/4	1-12	SS-HPA-NS12-HM16	1.87 (47.6)	1.50 (38.1)	0.39 (10.0)	10000 (690)
1	1 5/16-12	SS-HPA-NS16-HM21	2.06 (52.4)	1.75 (44.5)	0.69 (17.5)	10000 (690)





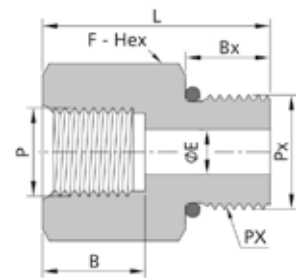
Female NPT threads / Male SAE/MS straight threads

		#	Dimensions - in. (mm)					
P-NPT	Px-SAE/MS		L	F	B	Bx	E	
1/4	7/16-20	SS-HPA-NS4-SH7	1.20 (30.5)	0.94 (23.8)	0.59 (15.0)	0.43 (11.0)	0.18 (4.5)	9137 (630)
3/8	9/16-18	SS-HPA-NS6-SH9	1.29 (32.7)	1.13 (28.6)	0.59 (15.0)	0.47 (12.0)	0.30 (7.5)	9137 (630)
1/2	3/4-16	SS-HPA-NS8-SH12	1.61 (40.9)	1.37 (34.9)	0.78 (19.8)	0.55 (14.0)	0.39 (10.0)	9137 (630)
3/4	7/8-14	SS-HPA-NS12-SH14	1.67 (42.5)	1.50 (38.1)	0.81 (20.6)	0.63 (16.0)	0.49 (12.5)	9137 (630)



Female SAE/MS straight threads / Male SAE/MS straight threads



		#	Dimensions - in. (mm)				
P-SAE/MS	Px-SAE/MS		L	F	B	Bx	
7/16-20	9/16-18	SS-HPA-SH7-SH9	1.25 (31.8)	0.81 (20.6)	0.55 (14.0)	0.47 (12.0)	9137 (630)
7/16-20	3/4-16	SS-HPA-SH7-SH12	1.25 (31.8)	0.87 (22.2)	0.55 (14.0)	0.55 (14.0)	9137 (630)
9/16-28	3/4-16	SS-HPA-SH9-SH12	1.42 (36.0)	1.00 (25.4)	0.61 (15.5)	0.55 (14.0)	9137 (630)
9/16-28	7/8-14	SS-HPA-SH9-SH14	1.42 (36.0)	1.00 (25.4)	0.61 (15.5)	0.63 (16.0)	9137 (630)
3/4-16	7/8-14	SS-HPA-SH12-SH14	1.65 (41.8)	30.2 (30.2)	0.69 (17.5)	0.63 (16.0)	9137 (630)

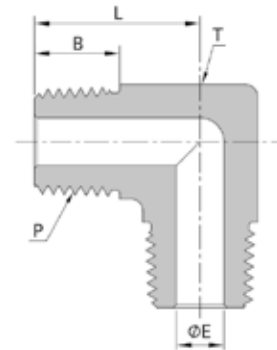


15,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

MALE ELBOWS



Male NPT threads

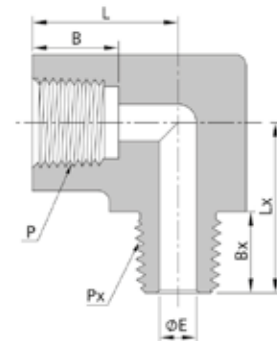
 P-NPT	#	Dimensions - in. (mm)				 psig (bar)
		L	B	E	T	
1/8	SS-HPME-NS2	0.74 (18.8)	0.38 (9.7)	0.19 (4.8)	0.50 (12.7)	15000 (1034)
1/4	SS-HPME-NS4	1.00 (25.3)	0.56 (14.2)	0.25 (6.4)	0.63 (15.9)	15000 (1034)
3/8	SS-HPME-NS6	1.10 (28.0)	0.56 (14.2)	0.31 (7.9)	0.75 (19.1)	15000 (1034)
1/2	SS-HPME-NS8	1.44 (36.6)	0.75 (19.1)	0.38 (9.6)	1.00 (25.4)	15000 (1034)



STREET ELBOWS



Female NPT threads / Male NPT threads

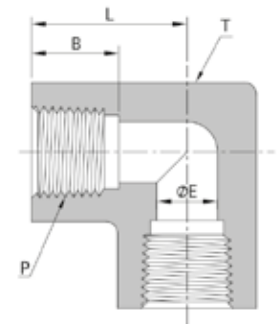
		#	Dimensions - in. (mm)					 psig (bar)
P-NPT	Px-NPT		L	B	E	Lx	Bx	
1/8	1/8	SS-HPSE-NS2	0.74 (18.8)	0.41 (10.4)	0.19 (4.8)	0.82 (20.9)	0.38 (9.7)	15000 (1034)
1/8	1/4	SS-HPSE-NS2-NS4	0.78 (19.8)	0.41 (10.4)	0.25 (6.4)	1.00 (25.5)	0.56 (14.2)	15000 (1034)
1/8	3/8	SS-HPSE-NS2-NS6	0.95 (24.2)	0.41 (10.4)	0.31 (7.9)	1.07 (27.2)	0.56 (14.2)	15000 (1034)
1/4	1/4	SS-HPSE-NS4	0.99 (25.2)	0.59 (15.0)	0.25 (6.4)	1.06 (27.0)	0.56 (14.2)	15000 (1034)
1/4	3/8	SS-HPSE-NS4-NS6	0.99 (25.2)	0.59 (15.0)	0.31 (7.9)	1.06 (27.0)	0.56 (14.2)	15000 (1034)
1/4	1/2	SS-HPSE-NS4-NS8	1.15 (29.1)	0.59 (15.0)	0.38 (9.6)	1.40 (35.5)	0.75 (19.1)	15000 (1034)
3/8	3/8	SS-HPSE-NS6	1.20 (30.6)	0.59 (15.0)	0.31 (7.9)	1.20 (30.6)	0.56 (14.2)	15000 (1034)
3/8	1/2	SS-HPSE-NS6-NS8	1.20 (30.6)	0.59 (15.0)	0.38 (9.6)	1.38 (35.0)	0.75 (19.1)	15000 (1034)
3/8	3/4	SS-HPSE-NS6-NS12	1.23 (31.2)	0.59 (15.0)	0.54 (13.8)	1.56 (39.6)	0.75 (19.1)	10000 (1034)
1/2	1/2	SS-HPSE-NS8	1.55 (39.4)	0.78 (19.8)	0.38 (9.6)	1.61 (9.6)	0.75 (19.1)	15000 (1034)



FEMALE ELBOWS



Female NPT threads

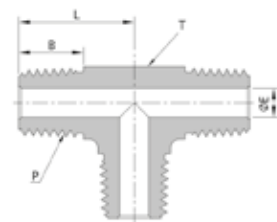
	#	Dimensions - in. (mm)				 psig (bar)
		L	B	E	T	
1/8	SS-HPE-NS2	0.79 (20.1)	0.41 (10.4)	0.31 (8.0)	0.63 (15.9)	15000 (1034)
1/4	SS-HPE-NS4	0.99 (25.2)	0.59 (15.0)	0.41 (10.4)	0.75 (19.1)	15000 (1034)
3/8	SS-HPE-NS6	1.20 (30.6)	0.59 (15.0)	0.54 (13.8)	1.00 (25.4)	15000 (1034)
1/2	SS-HPE-NS8	1.55 (39.3)	0.78 (19.8)	0.67 (17.0)	1.37 (34.9)	15000 (1034)



MALE TEES

Male NPT threads



	#	Dimensions - in. (mm)				 psig (bar)
		L	B	E	T	
1/8	SS-HPMT-NS2	0.74 (18.8)	0.38 (9.7)	0.19 (4.8)	0.50 (12.7)	15000 (1034)
1/4	SS-HPMT-NS4	1.00 (25.3)	0.56 (14.2)	0.25 (6.4)	0.63 (15.9)	15000 (1034)
3/8	SS-HPMT-NS6	1.10 (28.0)	0.56 (14.2)	0.31 (7.9)	0.75 (19.1)	15000 (1034)
1/2	SS-HPMT-NS8	1.44 (36.6)	0.75 (19.1)	0.38 (9.6)	1.00 (25.4)	15000 (1034)

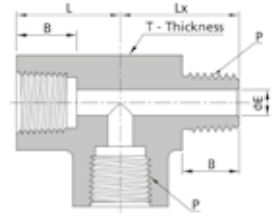


15,000 PSI HIGH PRESSURE THREADED PIPE FITTINGS

MALE STREET TEES



NPT Threads

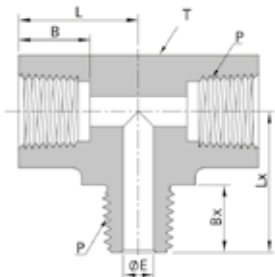
 P-NPT	#	Dimensions - in. (mm)						 psig (bar)
		L	B	Lx	Bx	E	T	
1/8	SS-HPST-NS2	0.76 (19.4)	0.41 (10.4)	0.82 (20.9)	0.38 (9.7)	0.19 (4.8)	0.63 (15.9)	15000 (1034)
1/4	SS-HPST-NS4	0.99 (25.4)	0.59 (15.0)	1.06 (27.0)	0.56 (14.2)	0.25 (6.4)	0.75 (19.1)	15000 (1034)
3/8	SS-HPST-NS6	1.20 (30.6)	0.59 (15.0)	1.20 (30.6)	0.56 (14.2)	0.31 (7.9)	1.00 (25.4)	15000 (1034)
1/2	SS-HPST-NS8	1.55 (39.4)	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-HPST-NS12	1.72 (43.8)	0.81 (20.6)	1.68 (42.7)	0.75 (19.1)	0.58 (14.8)	1.50 (38.1)	10000 (690)
1	SS-HPST-NS16	2.07 (52.5)	1.00 (25.4)	2.06 (52.3)	0.94 (23.9)	0.79 (20.0)	1.75 (44.5)	10000 (690)



MALE BRANCH TEES



NPT Threads

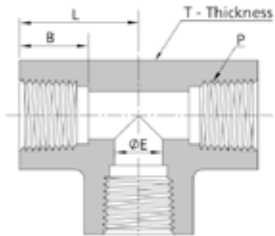
 P-NPT	#	Dimensions - in. (mm)						 psig (bar)
		L	B	Lx	Bx	E	T	
1/8	SS-HPBT-NS2	0.74 (18.8)	0.41 (10.4)	0.82 (20.9)	0.38 (9.7)	0.19 (4.8)	0.63 (15.9)	15000 (1034)
1/4	SS-HPBT-NS4	0.99 (25.4)	0.59 (15.0)	1.06 (27.0)	0.56 (14.2)	0.25 (6.4)	0.75 (19.1)	15000 (1034)
3/8	SS-HPBT-NS6	1.20 (30.6)	0.59 (15.0)	1.20 (30.6)	0.56 (14.2)	0.31 (7.9)	1.00 (25.4)	15000 (1034)
1/2	SS-HPBT-NS8	1.48 (37.6)	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-HPBT-NS12	1.61 (40.8)	0.81 (20.6)	1.77 (44.9)	0.75 (19.1)	0.58 (14.8)	1.50 (38.1)	10000 (690)
1	SS-HPBT-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)



FEMALE TEES



Female NPT threads

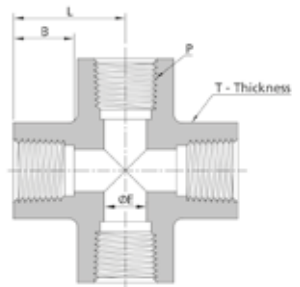
 P-NPT	#	Dimensions - in. (mm)				 psig (bar)
		L	B	E	T	
1/8	SS-HPT-NS2	0.79 (20.1)	0.41 (10.4)	0.31 (8.0)	0.63 (15.9)	15000 (1034)
1/4	SS-HPT-NS4	0.99 (25.4)	0.59 (15.0)	0.41 (10.4)	0.75 (19.1)	15000 (1034)
3/8	SS-HPT-NS6	1.20 (30.6)	0.59 (15.0)	0.54 (13.8)	1.00 (25.4)	15000 (1034)
1/2	SS-HPT-NS8	1.55 (39.3)	0.78 (19.8)	0.67 (17.0)	1.37 (34.9)	15000 (1034)



FEMALE CROSSES

Female NPT threads

 P-NPT	#	Dimensions - in. (mm)				 psig (bar)
		L	B	E	T	
1/8	SS-HPCR-NS2	0.74 (18.9)	0.41 (10.4)	0.31 (8.0)	0.63 (15.9)	15000 (1034)
1/4	SS-HPCR-NS4	0.99 (25.4)	0.59 (15.0)	0.41 (10.4)	0.75 (19.1)	15000 (1034)
3/8	SS-HPCR-NS6	1.20 (30.6)	0.59 (15.0)	0.54 (13.8)	1.00 (25.4)	15000 (1034)
1/2	SS-HPCR-NS8	1.49 (37.9)	0.78 (19.8)	0.67 (17.0)	1.37 (34.9)	15000 (1034)



15,000 PSI HIGH PRESSURE PART NUMBER DESCRIPTION

SS - HPHN - NS6 8 - RT 4 - -



SS	316 SS
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FITTING TYPE	
HPP	Pipe Plugs
HPHN	Hex Nipples
HPLN	Hex Long Nipples
HPC	Pipe Caps
HPCG	Hex Couplings
HPZC	Zero-Clearance Unions
HPA	Adaptors
HPME	Male Elbows
HPSE	Street Elbows
HPE	Female Elbows
HPMT	Male Tees
HPST	Male Street Tees
HPST	Male Branch Tees
HPT	Female Tees
HPCR	Female Cross

P1 CONNECTION TYPE	
NS	NPT
RT	ISO Tapered
SH	Heavy-duty SAE/MS (Accordance with SAE J1926-2)
AN	JIC (37° Flare)
HM	Type "M" Male

P1 SIZE	
NS and RT Size	
2	1/8"
4	1/4"
6	3/8"
8	1/2"
12	3/4"
16	1"
SH Size	
7	7/16-20
9	9/16-18
12	3/4-16
AN Size	
4	7/16-20
6	9/16-18
8	3/4-16
10	7/8-14
12	1 1/16-12
16	1 5/16-12
HM Size	
9	9/16-18
12	3/4-16
14	7/8-14
18	1-12
21	1 5/16-12

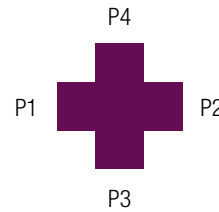
Specify in the same way as the P1

Specify in the same way as the P1

Specify in the way same way as the P1

NB: "Part Number Description" is used for composition rules of Abdex product model, not suitable for specific product part number selection, not random combinations. If in doubt, please contact Abdex.

- P1, P2, P3 and P4 shall be described in the following orders:
- Female thread end is the first
 - NPT-ISO Tapered-Heavy Duty SAE/MS - JIC (37° Flare)-HM
 - Describe the descending order as per size if the end Connection types are the same
 - Describe the end P1 if all end connections are the same.





20,000 / 60,000 PSI HIGH PRESSURE ADAPTORS & COUPLINGS

FEATURES













- The hardened threads with smooth surface finishing avoid galling and help to extend the fitting service life
- Every fitting is stamped with size, material, and heat code
- 316 stainless steel is standard material. Other materials are available upon request
- Available to NACE MR-01-75



Ordering number with designator "CP" for "two-piece" male to male female to male adaptors. They are identical to the "one-piece" designs in length can be ordered by substituting "CP" for "MP" to the "one-piece" adaptor part number listed.

CONFIGURATION	FITTING TYPE	EXAMPLE
	20 Series Male to 20 Series Male	SS-MMA-2MP9-2MP6
	20 Series Male to Male NPT Thread	SS-MMA-2MP9-NS4
	20 Series Male to Male JIC	SS-MMA-2MP6-HM9
	20 Series Male to Type "M" Male	SS-MMA-2MP6-HM9
	60 Series Male to 20 Series Male	SS-MMA-6MP6-2MP4
	60 Series Male to 60 Series Male	SS-MMA-6MP9-6MP4
	60 Series Male to Male NPT Thread	SS-MMA-6MP6-NS4
	60 Series Male to Male JIC	SS-MMA-6MP6-AN6
	60 Series Male to Type "M" Male	SS-MMA-6MP4-HM16
	Type "M" Male to 20 Series Coned and Threaded Nipples	SS-MMA-HM9-2CT6
	Type "M" Male to 60 Series Coned and Threaded Nipples	SS-MMA-HM9-6CT9
	20 Series Female to Female NPT Thread	SS-FFC-2FH6-NS4
	60 Series Female to 15 Series Female	SS-FFC-6FH4-FH8
	60 Series Female to 20 Series Female	SS-FFC-6FH6-2FH4
	60 Series Female to Female NPT Thread	SS-FFC-6FH6-NS4
	20 Series Female to 20 Series Male	SS-FMA-2FH6-2MP9
	20 Series Female to 60 Series Male	SS-FMA-2FH9-6MP4
	20 Series Female to Male NPT Thread	SS-FMA-2FH9-NS4
	20 Series Female to Type "M" Male	SS-FMA-2FH9-HM9
	60 Series Female to 20 Series Male	SS-FMA-6FH9-2MP4
	60 Series Female to 60 Series Male	SS-FMA-6FH6-6MP6
	60 Series Female to Male NPT Thread	SS-FMA-6FH6-NS4
	60 Series Female to Type "M" Male	SS-FMA-6FH6-HM9
	Female NPT Thread to 20 Series Male	SS-FMA-NS4-2CT6
	Female NPT Thread to 20 Series Coned and Threaded Nipples	SS-FMA-NS4-2CT6
	Female NPT Thread to 60 Series Male	SS-FMA-NS6-6MP4
	Female NPT Thread to 60 Series Coned and Threaded Nipples	SS-FMA-NS6-6CT6

20,000 / 60,000 PSI HIGH PRESSURE ADAPTORS & COUPLINGS

CONFIGURATION	FITTING TYPE	EXAMPLE
	Female NPT Thread	NS
	Male NPT Thread	NS
	20 Series Male	2MP
	20 Series Male	2CP
	20 Series Female	2FH
	20 Series Coned and Threaded Nipples	2CT
	Male JIC	AN
	60 Series Male	6MP
	60 Series Male	6CP
	60 Series Female	6FH
	60 Series Coned and Threaded Nipples	6CT
	Type "M" Male	HM

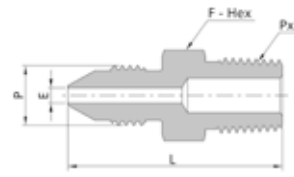
THREAD SIZES

2MP4 / 2CP4 / 2FH4: 7/16-20	2CT4: 1/4-28	6MP4 / 6CP4 / 6FH4: 9/16-18	NS2: 1/8-27 NPT	AN4: 7/16-20	HM9: 9/16-18
2MP6 / 2CP6 / 2FH6: 9/16-18	2CT6: 3/8-28	6MP6 / 6CP6 / 6FH6: 3/4-16	NS4: 9/16-18	AN6: 9/16-18	HM12: 3/4-16
2MP9 / 2CP9 / 2FH9: 13/16-16	2CT9: 9/16-18	6MP9 / 6CP9 / 6FH9: 1 1/8-12	NS6: 1/4-18 NPT	AN8: 3/4-16	HM14: 7/8-14
2MP12 / 2CP12 / 2FH12: 3/4-14	2CT12: 3/4-16	6CT4: 1/4-28	NS8: 1/2-14 NPT	AN10: 7/8-14	HM16: 1-12
2MP16 / 2CP16 / 2FH16: 1 3/8-12	2CT16: 1 1/4	6CT6: 3/8-24	NS12: 3/4-14 NPT	AN12: 1 1/16-12	HM21: 1 5/16-12
		6CT9: 9/16-18	NS16: 1-11.5 NPT	AN16: 1-5/16-12	

20,000 / 60,000 PSI HIGH PRESSURE ADAPTORS & COUPLINGS

20,000 psi Medium pressure male to male NPT threads

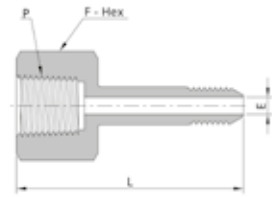
P-Connection	Px-Connection	#	Dimensions - in. (mm)			psig (bar)
			L	F	E	
2MP4	1/8 NPT	SS-MMA-2MP4-NS2	1.37 (34.9)	0.50 (12.7)	0.11 (2.8)	15000 (1034)
2MP4	1/4 NPT	SS-MMA-2MP4-NS4	1.56 (39.7)	0.56 (14.3)	0.11 (2.8)	15000 (1034)
2MP4	3/8 NPT	SS-MMA-2MP4-NS6	1.63 (41.3)	0.69 (17.5)	0.11 (2.8)	15000 (1034)
2MP4	1/2 NPT	SS-MMA-2MP4-NS8	1.87 (47.6)	0.87 (22.2)	0.11 (2.8)	15000 (1034)
2MP4	3/4 NPT	SS-MMA-2MP4-NS12	1.94 (49.2)	1.06 (27.0)	0.11 (2.8)	10000 (690)
2MP4	1 NPT	SS-MMA-2MP4-NS16	2.25 (57.2)	1.37 (34.9)	0.11 (2.8)	10000 (690)
2MP6	1/8 NPT	SS-MMA-2MP6-NS2	1.56 (39.7)	0.63 (15.9)	0.19 (4.8)	15000 (1034)
2MP6	1/4 NPT	SS-MMA-2MP6-NS4	1.75 (44.5)	0.63 (15.9)	0.20 (5.2)	15000 (1034)
2MP6	3/8 NPT	SS-MMA-2MP6-NS6	1.75 (44.5)	0.69 (17.5)	0.20 (5.2)	15000 (1034)
2MP6	1/2 NPT	SS-MMA-2MP6-NS8	2.00 (50.8)	0.87 (22.2)	0.20 (5.2)	15000 (1034)
2MP6	3/4 NPT	SS-MMA-2MP6-NS12	2.06 (52.4)	1.06 (27.0)	0.20 (5.2)	10000 (690)
2MP6	1 NPT	SS-MMA-2MP6-NS16	2.37 (60.3)	1.37 (34.9)	0.20 (5.2)	10000 (690)
2MP9	1/8 NPT	SS-MMA-2MP9-NS2	1.87 (47.6)	0.94 (23.8)	0.19 (4.8)	15000 (1034)
2MP9	1/4 NPT	SS-MMA-2MP9-NS4	2.06 (52.4)	0.94 (23.8)	0.25 (6.4)	15000 (1034)
2MP9	3/8 NPT	SS-MMA-2MP9-NS6	2.06 (52.4)	0.94 (23.8)	0.31 (7.9)	15000 (1034)
2MP9	1/2 NPT	SS-MMA-2MP9-NS8	2.25 (57.2)	0.94 (23.8)	0.31 (7.9)	15000 (1034)
2MP9	3/4 NPT	SS-MMA-2MP9-NS12	2.31 (58.7)	1.06 (27.0)	0.31 (7.9)	10000 (690)
2MP9	1 NPT	SS-MMA-2MP9-NS16	2.56 (65.1)	1.37 (34.9)	0.31 (7.9)	10000 (690)
2MP12	1/8 NPT	SS-MMA-2MP12-NS2	2.13 (54.0)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
2MP12	1/4 NPT	SS-MMA-2MP12-NS4	2.31 (58.7)	1.19 (30.2)	0.25 (6.4)	15000 (1034)
2MP12	3/8 NPT	SS-MMA-2MP12-NS6	2.31 (58.7)	1.19 (30.2)	0.31 (7.9)	15000 (1034)
2MP12	1/2 NPT	SS-MMA-2MP12-NS8	2.50 (63.5)	1.19 (30.2)	0.38 (9.6)	15000 (1034)
2MP12	3/4 NPT	SS-MMA-2MP12-NS12	2.50 (63.5)	1.19 (30.2)	0.44 (11.1)	10000 (690)
2MP12	1 NPT	SS-MMA-2MP12-NS16	2.75 (69.9)	1.37 (34.9)	0.44 (11.1)	10000 (690)
2MP16	1/8 NPT	SS-MMA-2MP16-NS2	2.69 (68.3)	1.50 (38.1)	0.19 (4.8)	15000 (1034)
2MP16	1/4 NPT	SS-MMA-2MP16-NS4	2.81 (71.4)	1.50 (38.1)	0.25 (6.4)	15000 (1034)
2MP16	3/8 NPT	SS-MMA-2MP16-NS6	2.81 (71.4)	1.50 (38.1)	0.31 (7.9)	15000 (1034)
2MP16	1/2 NPT	SS-MMA-2MP16-NS8	3.06 (77.8)	1.50 (38.1)	0.38 (9.6)	15000 (1034)
2MP16	3/4 NPT	SS-MMA-2MP16-NS12	3.06 (82.6)	1.50 (38.1)	0.56 (14.3)	10000 (690)
2MP16	1 NPT	SS-MMA-2MP16-NS16	3.25 (82.6)	1.50 (38.1)	0.56 (14.3)	10000 (690)



20,000 / 60,000 PSI HIGH PRESSURE ADAPTORS & COUPLINGS

Female NPT threads to 20,000 psi medium pressure coned and threaded nipples

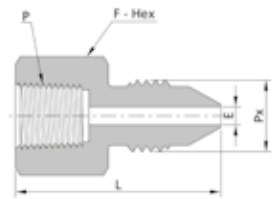
P-Connection	Px-Connection	#	Dimensions - in. (mm)			psig (bar)
			L	F	E	
1/8 NPT	2CT4	SS-FMA-NS2-2CT4	1.50 (38.1)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
1/8 NPT	2CT6	SS-FMA-NS2-2CT6	1.75 (44.5)	0.63 (15.9)	0.20 (5.2)	15000 (1034)
1/8 NPT	2CT9	SS-FMA-NS2-2CT9	1.94 (49.2)	0.63 (15.9)	0.31 (7.9)	15000 (1034)
1/8 NPT	2CT12	SS-FMA-NS2-2CT12	2.13 (54.0)	0.87 (22.2)	0.31 (7.9)	15000 (1034)
1/8 NPT	2CT16	SS-FMA-NS2-2CT16	2.81 (71.4)	1.13 (28.6)	0.31 (7.9)	15000 (1034)
1/4 NPT	2CT4	SS-FMA-NS4-2CT4	1.75 (44.5)	0.94 (23.8)	0.11 (2.8)	15000 (1034)
1/4 NPT	2CT6	SS-FMA-NS4-2CT6	2.00 (50.8)	0.94 (23.8)	0.20 (5.2)	15000 (1034)
1/4 NPT	2CT9	SS-FMA-NS4-2CT9	2.19 (55.6)	0.94 (23.8)	0.31 (7.9)	15000 (1034)
1/4 NPT	2CT19	SS-FMA-NS4-2CT12	2.44 (61.9)	1.13 (28.6)	0.41 (10.4)	15000 (1034)
1/4 NPT	2CT16	SS-FMA-NS4-2CT16	2.94 (74.5)	1.13 (28.6)	0.41 (10.4)	15000 (1034)
3/8 NPT	2CT6	SS-FMA-NS6-2CT6	2.06 (52.4)	1.13 (28.6)	0.20 (5.2)	15000 (1034)
3/8 NPT	2CT9	SS-FMA-NS6-2CT9	2.25 (57.2)	1.13 (28.6)	0.31 (7.9)	15000 (1034)
3/8 NPT	2CT12	SS-FMA-NS6-2CT12	2.50 (63.5)	1.13 (28.6)	0.44 (11.1)	15000 (1034)
3/8 NPT	2CT16	SS-FMA-NS6-2CT16	3.00 (76.2)	1.13 (28.6)	0.56 (14.3)	15000 (1034)
1/2 NPT	2CT9	SS-FMA-NS8-2CT9	2.50 (63.5)	1.37 (34.9)	0.31 (7.9)	15000 (1034)
1/2 NPT	2CT12	SS-FMA-NS8-2CT12	2.75 (69.9)	1.37 (34.9)	0.44 (11.1)	15000 (1034)
1/2 NPT	2CT16	SS-FMA-NS8-2CT16	3.25 (82.6)	1.37 (34.9)	0.56 (14.3)	15000 (1034)
3/4 NPT	2CT9	SS-FMA-NS12-2CT9	2.56 (65.1)	1.50 (38.1)	0.31 (7.9)	10000 (690)
3/4 NPT	2CT12	SS-FMA-NS12-2CT12	2.81 (71.4)	1.50 (38.1)	0.44 (11.1)	10000 (690)
3/4 NPT	2CT16	SS-FMA-NS12-2CT16	3.39 (86.0)	1.50 (38.1)	0.56 (14.3)	10000 (690)
1 NPT	2CT12	SS-FMA-NS16-2CT12	3.13 (79.4)	1.75 (44.5)	0.44 (11.1)	10000 (690)
1 NPT	2CT16	SS-FMA-NS16-2CT16	3.61 (92.2)	1.75 (44.5)	0.56 (14.3)	10000 (690)



20,000 / 60,000 PSI HIGH PRESSURE ADAPTORS & COUPLINGS



Female NPT threads to 20,000 psi medium pressure male

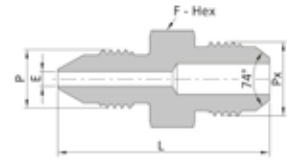
P-Connection	Px-Connection	#	Dimensions - in. (mm)			psig (bar)
			L	F	E	
1/8 NPT	2MP4	SS-FMA-NS2-2MP4	1.25 (31.8)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
1/8 NPT	2MP6	SS-FMA-NS2-2MP6	1.37 (34.9)	0.63 (15.9)	0.20 (5.2)	15000 (1034)
1/8 NPT	2MP9	SS-FMA-NS2-2MP9	1.50 (38.1)	0.94 (23.8)	0.31 (7.9)	15000 (1034)
1/8 NPT	2MP12	SS-FMA-NS2-2MP12	1.75 (44.5)	1.19 (30.2)	0.31 (7.9)	15000 (1034)
1/4 NPT	2MP16	SS-FMA-NS2-2MP16	2.37 (60.3)	1.50 (38.1)	0.31 (7.9)	15000 (1034)
1/4 NPT	2MP4	SS-FMA-NS4-2MP4	1.44 (36.5)	0.94 (23.8)	0.11 (2.8)	15000 (1034)
1/4 NPT	2MP6	SS-FMA-NS4-2MP6	1.63 (41.3)	0.94 (23.8)	0.20 (5.2)	15000 (1034)
1/4 NPT	2MP9	SS-FMA-NS4-2MP9	1.75 (44.5)	0.94 (23.8)	0.31 (7.9)	15000 (1034)
1/4 NPT	2MP12	SS-FMA-NS4-2MP12	1.87 (47.6)	1.19 (30.2)	0.41 (10.4)	15000 (1034)
1/4 NPT	2MP16	SS-FMA-NS4-2MP16	2.37 (60.3)	1.50 (38.1)	0.41 (10.4)	15000 (1034)
3/8 NPT	2MP4	SS-FMA-NS6-2MP4	1.50 (38.1)	1.13 (28.6)	0.11 (2.8)	15000 (1034)
3/8 NPT	2MP6	SS-FMA-NS6-2MP6	1.69 (42.9)	1.13 (28.6)	0.20 (5.2)	15000 (1034)
3/8 NPT	2MP9	SS-FMA-NS6-2MP9	1.81 (46.0)	1.13 (28.6)	0.31 (7.9)	15000 (1034)
3/8 NPT	2MP12	SS-FMA-NS6-2MP12	2.00 (58.0)	1.19 (30.2)	0.44 (11.1)	15000 (1034)
3/8 NPT	2MP16	SS-FMA-NS6-2MP16	2.37 (60.3)	1.50 (38.1)	0.56 (14.3)	15000 (1034)
1/2 NPT	2MP4	SS-FMA-NS8-2MP4	1.75 (44.5)	1.37 (34.9)	0.11 (2.8)	15000 (1034)
1/2 NPT	2MP6	SS-FMA-NS8-2MP6	1.87 (47.6)	1.37 (34.9)	0.20 (5.2)	15000 (1034)
1/2 NPT	2MP9	SS-FMA-NS8-2MP9	2.06 (52.4)	1.37 (34.9)	0.31 (7.9)	15000 (1034)
1/2 NPT	2MP12	SS-FMA-NS8-2MP12	2.19 (55.6)	1.37 (34.9)	0.44 (11.1)	15000 (1034)
1/2 NPT	2MP16	SS-FMA-NS8-2MP16	2.56 (65.1)	1.50 (38.1)	0.56 (14.3)	15000 (1034)
3/4 NPT	2MP4	SS-FMA-NS12-2MP4	1.81 (46.0)	1.50 (38.1)	0.11 (2.8)	10000 (690)
3/4 NPT	2MP6	SS-FMA-NS12-2MP6	1.94 (49.2)	1.50 (38.1)	0.20 (5.2)	10000 (690)
3/4 NPT	2MP9	SS-FMA-NS12-2MP9	2.13 (54.0)	1.50 (38.1)	0.31 (7.9)	10000 (690)
3/4 NPT	2MP12	SS-FMA-NS12-2MP12	2.13 (58.7)	1.50 (38.1)	0.44 (11.1)	10000 (690)
3/4 NPT	2MP16	SS-FMA-NS12-2MP16	2.75 (69.9)	1.50 (38.1)	0.56 (14.3)	10000 (690)
1 NPT	2MP4	SS-FMA-NS16-2MP4	2.06 (52.4)	1.75 (44.5)	0.11 (2.8)	10000 (690)
1 NPT	2MP6	SS-FMA-NS16-2MP6	2.19 (55.6)	1.75 (44.5)	0.20 (5.2)	10000 (690)
1 NPT	2MP9	SS-FMA-NS16-2MP9	2.44 (61.9)	1.75 (44.5)	0.31 (7.9)	10000 (690)
1 NPT	2MP12	SS-FMA-NS16-2MP12	2.56 (63.5)	1.75 (44.5)	0.44 (11.1)	10000 (690)
1 NPT	2MP16	SS-FMA-NS16-2MP16	3.06 (77.8)	1.75 (44.5)	0.56 (14.3)	10000 (690)



20,000 / 60,000 PSI HIGH PRESSURE ADAPTORS & COUPLINGS



20,000 psi Medium pressure male to male JIC

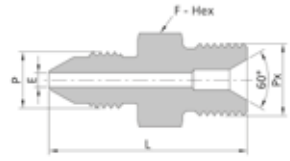
		#	Dimensions - in. (mm)			 psig (bar)
P-Connection	Px-Connection		L	F	E	
2MP4	1/4 JIC	SS-MMA-2MP4-AN4	1.50 (38.1)	0.50 (12.7)	0.11 (2.8)	20000 (1379)
2MP4	3/8 JIC	SS-MMA-2MP4-AN6	1.63 (41.3)	0.63 (15.9)	0.11 (2.8)	20000 (1379)
2MP4	1/2 JIC	SS-MMA-2MP4-AN8	1.75 (44.5)	0.81 (20.6)	0.11 (2.8)	20000 (1379)
2MP4	5/8 JIC	SS-MMA-2MP4-AN10	1.87 (47.6)	0.94 (23.8)	0.11 (2.8)	20000 (1379)
2MP4	3/4 JIC	SS-MMA-2MP4-AN12	2.06 (52.4)	1.13 (28.6)	0.11 (2.8)	15000 (1034)
2MP4	1 JIC	SS-MMA-2MP4-AN16	2.19 (55.6)	1.37 (34.9)	0.11 (2.8)	15000 (1034)
2MP6	1/4 JIC	SS-MMA-2MP6-AN4	1.75 (44.5)	0.63 (15.9)	0.17 (4.4)	20000 (1379)
2MP6	3/8 JIC	SS-MMA-2MP6-AN6	1.75 (44.5)	0.63 (15.9)	0.20 (5.2)	20000 (1379)
2MP6	1/2 JIC	SS-MMA-2MP6-AN8	1.87 (47.6)	0.81 (20.6)	0.20 (5.2)	20000 (1379)
2MP6	5/8 JIC	SS-MMA-2MP6-AN10	2.06 (52.4)	0.94 (23.8)	0.20 (5.2)	20000 (1379)
2MP6	3/4 JIC	SS-MMA-2MP6-AN12	2.25 (57.2)	1.13 (28.6)	0.20 (5.2)	15000 (1034)
2MP6	1 JIC	SS-MMA-2MP6-AN16	2.37 (60.3)	1.37 (34.9)	0.20 (5.2)	15000 (1034)
2MP9	1/4 JIC	SS-MMA-2MP9-AN4	2.00 (50.8)	0.94 (23.8)	0.17 (4.4)	20000 (1379)
2MP9	3/8 JIC	SS-MMA-2MP9-AN6	2.06 (52.4)	0.94 (23.8)	0.23 (5.8)	20000 (1379)
2MP9	1/2 JIC	SS-MMA-2MP9-AN8	2.13 (54.0)	0.94 (23.8)	0.31 (7.9)	20000 (1379)
2MP9	3/8 JIC	SS-MMA-2MP9-AN10	2.25 (57.2)	0.94 (23.8)	0.31 (7.9)	20000 (1379)
2MP9	3/4 JIC	SS-MMA-2MP9-AN12	2.44 (61.9)	1.13 (28.6)	0.31 (7.9)	15000 (1034)
2MP9	1 JIC	SS-MMA-2MP9-AN16	2.56 (65.1)	1.37 (34.9)	0.31 (7.9)	15000 (1034)
2MP12	1/4 JIC	SS-MMA-2MP12-AN4	2.31 (58.7)	1.19 (30.2)	0.17 (4.4)	20000 (1379)
2MP12	3/8 JIC	SS-MMA-2MP12-AN6	2.31 (58.7)	1.19 (30.2)	0.23 (5.8)	20000 (1379)
2MP12	1/2 JIC	SS-MMA-2MP12-AN8	2.37 (60.3)	1.19 (30.2)	0.31 (7.9)	20000 (1379)
2MP12	5/8 JIC	SS-MMA-2MP12-AN10	2.50 (63.5)	1.19 (30.2)	0.37 (9.4)	20000 (1379)
2MP12	3/4 JIC	SS-MMA-2MP12-AN12	2.63 (66.7)	1.19 (30.2)	0.44 (11.1)	15000 (1034)
2MP12	1 JIC	SS-MMA-2MP12-AN16	2.69 (68.3)	1.37 (34.9)	0.44 (11.1)	15000 (1034)
2MP16	1/4 JIC	SS-MMA-2MP16-AN4	2.81 (71.4)	1.50 (38.1)	0.17 (4.4)	20000 (1379)
2MP16	3/8 JIC	SS-MMA-2MP16-AN6	2.81 (71.4)	1.50 (38.1)	0.23 (5.8)	20000 (1379)
2MP16	1/2 JIC	SS-MMA-2MP16-AN8	2.94 (74.6)	1.50 (38.1)	0.31 (7.9)	20000 (1379)
2MP16	5/8 JIC	SS-MMA-2MP16-AN10	3.06 (77.8)	1.50 (38.1)	0.37 (9.4)	20000 (1379)
2MP16	3/4 JIC	SS-MMA-2MP16-AN12	3.13 (79.4)	1.50 (38.1)	0.46 (11.6)	15000 (1034)
2MP16	1 JIC	SS-MMA-2MP16-AN16	3.19 (81.0)	1.50 (38.1)	0.56 (14.3)	15000 (1034)



20,000 / 60,000 PSI HIGH PRESSURE ADAPTORS & COUPLINGS

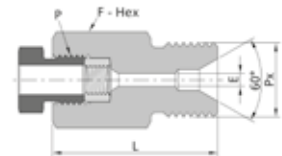
20,000 psi Medium pressure male to type "M" male

		#	Dimensions - in. (mm)			
P-Connection	Px-Connection		L	F	E	
2MP4	HM9	SS-MMA-2MP4-HM9	1.52 (38.7)	0.63 (15.9)	0.09 (2.4)	20000 (1379)
2MP4	HM12	SS-MMA-2MP4-HM12	1.69 (43.0)	0.75 (19.1)	0.11 (2.8)	20000 (1379)
2MP4	HM14	SS-MMA-2MP4-HM14	1.90 (48.2)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
2MP4	HM16	SS-MMA-2MP4-HM16	1.78 (45.3)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
2MP4	HM21	SS-MMA-2MP4-HM21	1.90 (48.3)	1.37 (34.9)	0.11 (2.8)	20000 (1379)
2MP6	HM9	SS-MMA-2MP6-HM9	1.67 (42.4)	0.63 (15.9)	0.09 (2.4)	20000 (1379)
2MP6	HM12	SS-MMA-2MP6-HM12	1.84 (46.7)	0.75 (19.1)	0.20 (5.2)	20000 (1379)
2MP6	HM14	SS-MMA-2MP6-HM14	2.04 (51.9)	1.00 (25.4)	0.15 (3.8)	20000 (1379)
2MP6	HM16	SS-MMA-2MP6-HM16	1.93 (49.0)	1.00 (25.4)	0.20 (5.2)	20000 (1379)
2MP6	HM21	SS-MMA-2MP6-HM21	2.05 (52.0)	1.37 (34.9)	0.20 (5.2)	20000 (1379)
2MP9	HM9	SS-MMA-2MP9-HM9	1.95 (49.6)	0.94 (23.8)	0.09 (2.4)	20000 (1379)
2MP6	HM12	SS-MMA-2MP9-HM12	2.08 (52.9)	0.94 (23.8)	0.29 (7.4)	20000 (1379)
2MP9	HM14	SS-MMA-2MP9-HM14	2.23 (56.7)	1.00 (25.4)	0.15 (3.8)	20000 (1379)
2MP9	HM16	SS-MMA-2MP9-HM16	2.12 (53.8)	1.00 (25.4)	0.31 (7.9)	20000 (1379)
2MP9	HM12	SS-MMA-2MP9-HM21	2.24 (56.8)	1.37 (34.9)	0.31 (7.9)	20000 (1379)
2MP12	HM9	SS-MMA-2MP12-HM9	2.22 (56.3)	1.19 (30.2)	0.09 (2.4)	20000 (1379)
2MP12	HM12	SS-MMA-2MP12-HM12	2.35 (59.6)	1.19 (30.2)	0.29 (7.4)	20000 (1379)
2MP12	HM14	SS-MMA-2MP12-HM14	2.47 (62.8)	1.19 (30.2)	0.15 (3.8)	20000 (1379)
2MP12	HM16	SS-MMA-2MP12-HM16	2.36 (59.9)	1.19 (30.2)	0.39 (10.0)	20000 (1379)
2MP12	HM21	SS-MMA-2MP12-HM21	2.41 (61.1)	1.37 (34.9)	0.44 (11.1)	20000 (1379)
2MP16	HM9	SS-MMA-2MP16-HM9	2.77 (70.3)	1.50 (38.1)	0.09 (2.4)	20000 (1379)
2MP16	HM12	SS-MMA-2MP16-HM12	2.90 (73.6)	1.50 (38.1)	0.29 (7.4)	20000 (1379)
2MP16	HM14	SS-MMA-2MP16-HM14	3.02 (76.8)	1.50 (38.1)	0.15 (3.8)	20000 (1379)
2MP16	HM16	SS-MMA-2MP16-HM16	2.91 (73.9)	1.50 (38.1)	0.39 (10.0)	20000 (1379)
2MP16	HM21	SS-MMA-2MP16-HM21	2.89 (73.3)	1.50 (38.1)	0.56 (14.3)	20000 (1379)





20,000 psi Medium pressure female to type "M" male

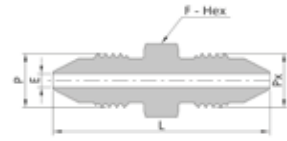
		#	Dimensions - in. (mm)			
P-Connection	Px-Connection		L	F	E	
2FH4	HM9	SS-FMA-2FH4-HM9	1.19 (30.2)	0.63 (15.9)	0.09 (2.4)	20000 (1379)
2FH4	HM12	SS-FMA-2FH4-HM12	1.31 (33.3)	0.75 (19.1)	0.11 (2.8)	20000 (1379)
2FH4	HM14	SS-FMA-2FH4-HM14	1.50 (38.1)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
2FH6	HM9	SS-FMA-2FH6-HM9	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	20000 (1379)
2FH6	HM12	SS-FMA-2FH6-HM12	1.50 (38.1)	0.75 (19.1)	0.09 (2.4)	20000 (1379)
2FH6	HM14	SS-FMA-2FH6-HM14	1.63 (41.3)	1.00 (25.4)	0.15 (3.8)	20000 (1379)
2FH6	HM16	SS-FMA-2FH6-HM16	1.63 (41.3)	1.00 (25.4)	0.20 (5.2)	20000 (1379)
2FH9	HM9	SS-FMA-2FH9-HM9	1.69 (42.9)	1.00 (25.4)	0.09 (2.4)	20000 (1379)
2FH9	HM12	SS-FMA-2FH9-HM12	1.81 (46.0)	1.00 (25.4)	0.29 (7.4)	20000 (1379)
2FH9	HM14	SS-FMA-2FH9-HM14	1.94 (49.2)	1.00 (25.4)	0.15 (3.8)	20000 (1379)
2FH9	HM16	SS-FMA-2FH9-HM16	1.81 (46.0)	1.00 (25.4)	0.31 (7.9)	20000 (1379)
2FH9	HM21	SS-FMA-2FH9-HM21	1.81 (46.0)	1.37 (34.9)	0.31 (7.9)	20000 (1379)
2FH12	HM14	SS-FMA-2FH9-HM14	2.19 (55.6)	1.37 (34.9)	0.15 (3.8)	20000 (1379)
2FH12	HM16	SS-FMA-2FH9-HM16	2.13 (54.0)	1.37 (34.9)	0.39 (10.0)	20000 (1379)
2FH12	HM21	SS-FMA-2FH9-HM21	2.00 (50.8)	1.37 (34.9)	0.44 (11.1)	20000 (1379)
2FH16	HM21	SS-FMA-2FH16-HM21	2.56 (65.1)	1.75 (44.5)	0.56 (14.3)	20000 (1379)





20,000 / 60,000 PSI HIGH PRESSURE ADAPTORS & COUPLINGS

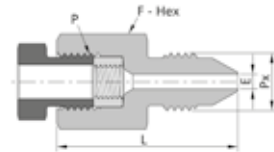
20,000 psi Medium pressure male to 20,000 psi medium pressure male

		#	Dimensions - in. (mm)			 psig (bar)
P-Connection	Px-Connection		L	F	E	
2MP4	2MP4	SS-MMA-2MP4	1.63 (41.3)	0.50 (12.7)	0.11 (2.8)	20000 (1379)
2MP6	2MP4	SS-MMA-2MP6-2MP4	1.87 (47.6)	0.63 (15.9)	0.11 (2.8)	20000 (1379)
2MP6	2MP6	SS-MMA-2MP6	2.00 (50.8)	0.63 (15.9)	0.20 (5.2)	20000 (1379)
2MP9	2MP4	SS-MMA-2MP9-2MP4	2.13 (54.0)	0.94 (23.8)	0.11 (2.8)	20000 (1379)
2MP9	2MP6	SS-MMA-2MP9-2MP6	2.31 (58.7)	0.94 (23.8)	0.20 (5.2)	20000 (1379)
2MP9	2MP9	SS-MMA-2MP9	2.50 (63.5)	0.94 (23.8)	0.31 (7.9)	20000 (1379)
2MP12	2MP4	SS-MMA-2MP12-2MP4	2.44 (61.9)	1.19 (30.2)	0.11 (2.8)	20000 (1379)
2MP12	2MP6	SS-MMA-2MP12-2MP6	2.56 (65.1)	1.19 (30.2)	0.20 (5.2)	20000 (1379)
2MP12	2MP9	SS-MMA-2MP12-2MP9	2.75 (69.9)	1.19 (30.2)	0.31 (7.9)	20000 (1379)
2MP12	2MP12	SS-MMA-2MP12	2.94 (74.6)	1.19 (30.2)	0.44 (11.1)	20000 (1379)
2MP16	2MP4	SS-MMA-2MP16-2MP4	3.00 (76.2)	1.50 (38.1)	0.11 (2.8)	20000 (1379)
2MP16	2MP6	SS-MMA-2MP16-2MP6	3.13 (79.4)	1.50 (38.1)	0.20 (5.2)	20000 (1379)
2MP16	2MP9	SS-MMA-2MP16-2MP9	3.31 (84.2)	1.50 (38.1)	0.31 (7.9)	20000 (1379)
2MP16	2MP12	SS-MMA-2MP16-2MP12	3.44 (87.4)	1.50 (38.1)	0.44 (11.1)	20000 (1379)
2MP16	2MP16	SS-MMA-2MP16	3.94 (100.2)	1.50 (38.1)	0.56 (14.3)	20000 (1379)





20,000 psi Medium pressure female to 20,000 psi medium pressure male

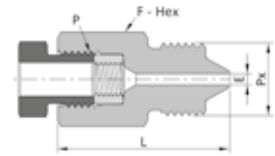
		#	Dimensions - in. (mm)			 psig (bar)
P-Connection	Px-Connection		L	F	E	
2FH4	2MP4	SS-FMA-2FH4-2MP4	1.37 (34.9)	0.63 (15.9)	0.11 (2.8)	20000 (1379)
2FH4	2MP6	SS-FMA-2FH4-2MP6	1.50 (38.1)	0.63 (15.9)	0.11 (2.8)	20000 (1379)
2FH4	2MP9	SS-FMA-2FH4-2MP9	1.63 (41.3)	0.94 (23.8)	0.11 (2.8)	20000 (1379)
2FH4	2MP12	SS-FMA-2FH4-2MP12	1.75 (44.5)	1.19 (30.2)	0.11 (2.8)	20000 (1379)
2FH4	2MP16	SS-FMA-2FH4-2MP16	2.37 (60.3)	1.50 (38.1)	0.11 (2.8)	20000 (1379)
2FH6	2MP4	SS-FMA-2FH6-2MP4	1.69 (42.9)	0.75 (19.1)	0.11 (2.8)	20000 (1379)
2FH6	2MP6	SS-FMA-2FH6-2MP6	1.69 (42.9)	0.75 (19.1)	0.20 (5.2)	20000 (1379)
2FH6	2MP9	SS-FMA-2FH6-2MP9	1.87 (47.6)	0.94 (23.8)	0.20 (5.2)	20000 (1379)
2FH6	2MP12	SS-FMA-2FH6-2MP12	1.94 (49.2)	1.19 (30.2)	0.20 (5.2)	20000 (1379)
2FH6	2MP16	SS-FMA-2FH6-2MP16	2.37 (60.3)	1.50 (38.1)	0.20 (5.2)	20000 (1379)
2FH9	2MP4	SS-FMA-2FH9-2MP4	1.94 (49.2)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
2FH9	2MP6	SS-FMA-2FH9-2MP6	1.06 (52.4)	1.00 (25.4)	0.20 (5.2)	20000 (1379)
2FH9	2MP9	SS-FMA-2FH9-2MP9	2.13 (54.0)	1.00 (25.4)	0.31 (7.9)	20000 (1379)
2FH9	2MP12	SS-FMA-2FH9-2MP12	2.25 (57.2)	1.19 (30.2)	0.31 (7.9)	20000 (1379)
2FH9	2MP16	SS-FMA-2FH9-2MP16	2.50 (63.5)	1.50 (38.1)	0.31 (7.9)	20000 (1379)
2FH12	2MP4	SS-FMA-2FH12-2MP4	1.19 (55.6)	1.37 (34.9)	0.11 (2.8)	20000 (1379)
2FH16	2MP6	SS-FMA-2FH12-2MP6	2.31 (58.7)	1.37 (34.9)	0.20 (5.2)	20000 (1379)
2FH12	2MP9	SS-FMA-2FH12-2MP9	2.44 (61.9)	1.37 (34.9)	0.31 (7.9)	20000 (1379)
2FH12	2MP12	SS-FMA-2FH12-2MP12	2.56 (65.1)	1.37 (34.9)	0.44 (11.1)	20000 (1379)
2FH12	2MP16	SS-FMA-2FH12-2MP16	2.94 (74.6)	1.50 (38.1)	0.44 (11.1)	20000 (1379)
2FH16	2MP9	SS-FMA-2FH16-2MP9	3.06 (77.8)	1.75 (44.5)	0.31 (7.9)	20000 (1379)
2FH16	2MP12	SS-FMA-2FH16-2MP12	3.19 (81.0)	1.75 (44.5)	0.44 (11.1)	20000 (1379)
2FH16	2MP16	SS-FMA-2FH16-2MP16	3.50 (88.9)	1.75 (44.5)	0.56 (14.3)	20000 (1379)



20,000 / 60,000 PSI HIGH PRESSURE ADAPTORS & COUPLINGS

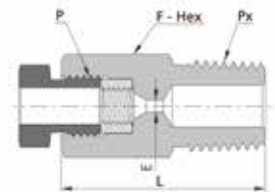
20,000 psi Medium pressure female to 60,000 psi high pressure male

		#	Dimensions - in. (mm)			
P-Connection	Px-Connection		L	F	E	
2FH4	6MP4	SS-FMA-2FH4-6MP4	1.31 (33.3)	0.63 (15.9)	0.08 (2.1)	20000 (1379)
2FH4	6MP6	SS-FMA-2FH4-6MP6	1.50 (38.1)	0.81 (20.6)	0.11 (2.8)	20000 (1379)
2FH4	6MP9	SS-FMA-2FH4-6MP9	1.63 (41.3)	1.19 (30.2)	0.11 (2.8)	20000 (1379)
2FH6	6MP4	SS-FMA-2FH6-6MP4	1.50 (38.1)	0.75 (19.1)	0.08 (2.1)	20000 (1379)
2FH6	6MP6	SS-FMA-2FH6-6MP6	1.69 (42.9)	0.81 (20.6)	0.13 (3.2)	20000 (1379)
2FH6	6MP9	SS-FMA-2FH6-6MP9	1.75 (44.5)	1.19 (30.2)	0.19 (4.8)	20000 (1379)
2FH9	6MP4	SS-FMA-2FH9-6MP4	1.81 (46.0)	1.00 (25.4)	0.08 (2.1)	20000 (1379)
2FH9	6MP6	SS-FMA-2FH9-6MP6	2.13 (54.0)	1.00 (25.4)	0.13 (3.2)	20000 (1379)
2FH9	6MP9	SS-FMA-2FH9-6MP9	2.13 (54.0)	1.19 (30.2)	0.19 (4.8)	20000 (1379)
2FH12	6MP4	SS-FMA-2FH12-6MP4	2.25 (57.2)	1.37 (34.9)	0.08 (2.1)	20000 (1379)
2FH12	6MP6	SS-FMA-2FH12-6MP6	1.50 (63.5)	1.37 (34.9)	0.13 (3.2)	20000 (1379)
2FH12	6MP9	SS-FMA-2FH12-6MP9	2.50 (63.5)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
2FH16	6MP4	SS-FMA-2FH16-6MP4	2.94 (74.6)	1.75 (44.5)	0.08 (2.1)	20000 (1379)
2FH16	6MP6	SS-FMA-2FH16-6MP6	3.13 (79.4)	1.75 (44.5)	0.13 (3.2)	20000 (1379)
2FH16	6MP9	SS-FMA-2FH16-6MP9	3.19 (81.0)	1.75 (44.5)	0.19 (4.8)	20000 (1379)





20,000 psi Medium pressure female to male NPT thread

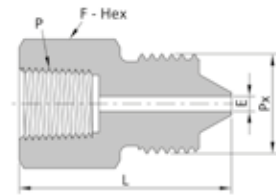
		#	Dimensions - in. (mm)			
P-Connection	Px-Connection		L	F	E	
2FH4	1/8 NPT	SS-FMA-2FH4-NS2	1.19 (30.2)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
2FH4	1/4 NPT	SS-FMA-2FH4-NS4	1.37 (34.9)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
2FH4	3/8 NPT	SS-FMA-2FH4-NS6	1.37 (34.9)	0.69 (17.5)	0.11 (2.8)	15000 (1034)
2FH4	1/2 NPT	SS-FMA-2FH4-NS8	1.37 (34.9)	0.87 (22.2)	0.11 (2.8)	15000 (1034)
2FH4	3/4 NPT	SS-FMA-2FH4-NS12	1.75 (44.5)	1.06 (27.0)	0.11 (2.8)	10000 (690)
2FH6	1/8 NPT	SS-FMA-2FH6-NS2	1.37 (34.9)	0.75 (19.1)	0.19 (4.8)	15000 (1034)
2FH6	1/4 NPT	SS-FMA-2FH6-NS4	1.50 (38.1)	0.75 (19.1)	0.20 (5.2)	15000 (1034)
2FH6	3/8 NPT	SS-FMA-2FH6-NS6	1.50 (38.1)	0.75 (19.1)	0.20 (5.2)	15000 (1034)
2FH6	1/2 NPT	SS-FMA-2FH6-NS8	1.63 (41.3)	0.87 (22.2)	0.20 (5.2)	15000 (1034)
2FH6	3/4 NPT	SS-FMA-2FH6-NS12	1.75 (44.5)	1.06 (27.0)	0.20 (5.2)	10000 (690)
2FH6	1 NPT	SS-FMA-2FH6-NS16	2.00 (50.8)	1.37 (34.9)	0.20 (5.2)	10000 (690)
2FH9	1/8 NPT	SS-FMA-2FH9-NS2	1.75 (44.5)	1.00 (25.4)	0.19 (4.8)	15000 (1034)
2FH9	1/4 NPT	SS-FMA-2FH9-NS4	1.75 (44.5)	1.00 (25.4)	0.25 (6.4)	15000 (1034)
2FH9	3/8 NPT	SS-FMA-2FH9-NS6	1.75 (44.5)	1.00 (25.4)	0.31 (7.9)	15000 (1034)
2FH9	1/2 NPT	SS-FMA-2FH9-NS8	1.94 (49.2)	1.00 (25.4)	0.31 (7.9)	15000 (1034)
2FH9	3/4 NPT	SS-FMA-2FH9-NS12	2.00 (50.8)	1.06 (27.0)	0.31 (7.9)	10000 (690)
2FH9	1 NPT	SS-FMA-2FH9-NS16	2.25 (57.2)	1.37 (34.9)	0.31 (7.9)	10000 (690)
2FH12	1/4 NPT	SS-FMA-2FH12-NS4	2.00 (50.8)	1.37 (34.9)	0.25 (6.4)	15000 (1034)
2FH12	3/8 NPT	SS-FMA-2FH12-NS6	2.00 (50.8)	1.37 (34.9)	0.31 (7.9)	15000 (1034)
2FH12	1/2 NPT	SS-FMA-2FH12-NS8	2.19 (55.6)	1.37 (34.9)	0.38 (9.6)	15000 (1034)
2FH12	3/4 NPT	SS-FMA-2FH12-NS12	2.25 (57.2)	1.37 (34.9)	0.44 (11.1)	10000 (690)
2FH12	1 NPT	SS-FMA-2FH12-NS16	2.63 (66.7)	1.37 (34.9)	0.44 (11.1)	10000 (690)
2FH16	1/4 NPT	SS-FMA-2FH16-NS4	1.87 (73.0)	1.75 (44.5)	0.25 (6.4)	15000 (1034)
2FH16	3/8 NPT	SS-FMA-2FH16-NS6	2.87 (73.0)	1.75 (44.5)	0.31 (7.9)	15000 (1034)
2FH16	1/2 NPT	SS-FMA-2FH16-NS8	2.87 (73.0)	1.75 (44.5)	0.38 (9.6)	15000 (1034)
2FH16	3/4 NPT	SS-FMA-2FH16-NS12	2.87 (73.0)	1.75 (44.5)	0.56 (14.3)	10000 (690)
2FH16	1 NPT	SS-FMA-2FH16-NS16	3.06 (77.8)	1.75 (44.5)	0.56 (14.3)	10000 (690)





20,000 / 60,000 PSI HIGH PRESSURE ADAPTORS & COUPLINGS

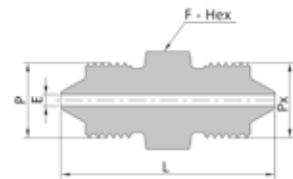
Female NPT threads to 60,000 psi high pressure male

		#	Dimensions - in. (mm)			
P-Connection	Px-Connection		L	F	E	
1/8 NPT	6MP4	SS-FMA-NS2-6MP4	1.19 (30.2)	0.63 (15.9)	0.08 (2.1)	15000 (1034)
1/8 NPT	6MP6	SS-FMA-NS2-6MP6	1.37 (34.9)	0.81 (20.6)	0.13 (3.2)	15000 (1034)
1/8 NPT	6MP9	SS-FMA-NS2-6MP9	1.63 (41.3)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
1/4 NPT	6MP4	SS-FMA-NS4-6MP4	1.37 (34.9)	0.94 (23.8)	0.08 (2.1)	15000 (1034)
1/4 NPT	6MP6	SS-FMA-NS4-6MP6	1.63 (41.3)	0.94 (23.8)	0.13 (3.2)	15000 (1034)
1/4 NPT	6MP9	SS-FMA-NS4-6MP9	1.75 (44.5)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
3/8 NPT	6MP4	SS-FMA-NS6-6MP4	1.44 (36.5)	1.13 (28.6)	0.08 (2.1)	15000 (1034)
3/8 NPT	6MP6	SS-FMA-NS6-6MP6	1.69 (42.9)	1.13 (28.6)	0.13 (3.2)	15000 (1034)
3/8 NPT	6MP9	SS-FMA-NS6-6MP9	1.81 (46.0)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
1/2 NPT	6MP4	SS-FMA-NS8-6MP4	1.69 (42.9)	1.37 (34.9)	0.08 (2.1)	15000 (1034)
1/2 NPT	6MP6	SS-FMA-NS8-6MP6	1.94 (49.2)	1.37 (34.9)	0.13 (3.2)	15000 (1034)
1/2 NPT	6MP9	SS-FMA-NS8-6MP9	2.13 (54.0)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
3/4 NPT	6MP4	SS-FMA-NS12-6MP4	1.75 (44.5)	1.50 (38.1)	0.08 (2.1)	10000 (690)
3/4 NPT	6MP6	SS-FMA-NS12-6MP6	2.00 (50.8)	1.50 (38.1)	0.13 (3.2)	10000 (690)
3/4 NPT	6MP9	SS-FMA-NS12-6MP9	2.19 (55.6)	1.50 (38.1)	0.19 (4.8)	10000 (690)
1 NPT	6MP4	SS-FMA-NS16-6MP4	2.00 (50.8)	1.75 (44.5)	0.08 (2.1)	10000 (690)
1 NPT	6MP6	SS-FMA-NS16-6MP6	2.25 (57.2)	1.75 (44.5)	0.13 (3.2)	10000 (690)
1 NPT	6MP9	SS-FMA-NS16-6MP9	2.44 (61.9)	1.75 (44.5)	0.19 (4.8)	10000 (1034)





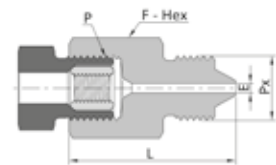
60,000 psi High pressure male to 60,000 psi high pressure male

		#	Dimensions - in. (mm)			
P-Connection	Px-Connection		L	F	E	
6MP4	6MP4	SS-MMA-6MP4	1.63 (41.3)	0.63 (15.9)	0.08 (2.1)	60000 (4137)
6MP6	6MP4	SS-MMA-6MP6-6MP4	1.94 (49.2)	0.81 (20.6)	0.08 (2.1)	60000 (4137)
6MP6	6MP6	SS-MMA-6MP6	2.19 (55.6)	0.81 (20.6)	0.13 (3.2)	60000 (4137)
6MP9	6MP4	SS-MMA-6MP9-6MP4	2.19 (55.6)	1.19 (30.2)	0.08 (2.1)	60000 (4137)
6MP9	6MP6	SS-MMA-6MP9-6MP6	2.50 (63.5)	1.19 (30.2)	0.13 (3.2)	60000 (4137)
6MP9	6MP9	SS-MMA-6MP9	2.63 (66.7)	1.19 (30.2)	0.19 (4.8)	60000 (4137)





60,000 psi High pressure female to 60,000 psi high pressure male

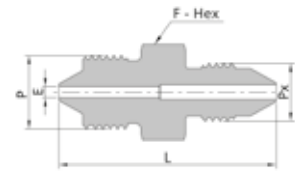
		#	Dimensions - in. (mm)			
P-Connection	Px-Connection		L	F	E	
6FH4	6MP4	SS-FMA-6FH4-6MP4	1.44 (36.5)	0.75 (19.1)	0.08 (2.1)	60000 (4137)
6FH4	6MP6	SS-FMA-6FH4-6MP6	1.69 (42.9)	0.81 (20.6)	0.09 (2.4)	60000 (4137)
6FH4	6MP9	SS-FMA-6FH4-6MP9	1.75 (44.5)	1.19 (30.2)	0.09 (2.4)	60000 (4137)
6FH6	6MP4	SS-FMA-6FH6-6MP4	1.75 (44.5)	1.00 (25.4)	0.08 (2.1)	60000 (4137)
6FH6	6MP6	SS-FMA-6FH6-6MP6	2.00 (50.8)	1.00 (25.4)	0.13 (3.2)	60000 (4137)
6FH6	6MP9	SS-FMA-6FH6-6MP9	2.13 (54.0)	1.19 (30.2)	0.13 (3.2)	60000 (4137)
6FH9	6MP4	SS-FMA-6FH9-6MP4	2.06 (52.4)	1.37 (34.9)	0.08 (2.1)	60000 (4137)
6FH9	6MP6	SS-FMA-6FH9-6MP6	2.37 (60.3)	1.37 (34.9)	0.13 (3.2)	60000 (4137)
6FH9	6MP9	SS-FMA-6FH9-6MP9	2.50 (63.5)	1.37 (34.9)	0.19 (4.8)	60000 (4137)



20,000 / 60,000 PSI HIGH PRESSURE ADAPTORS & COUPLINGS

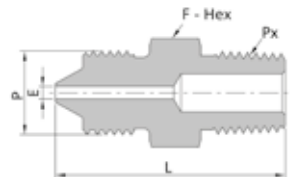
60,000 psi High pressure male to 20,000 psi medium pressure male

		#	Dimensions - in. (mm)			
P-Connection	Px-Connection		L	F	E	
6MP4	2MP4	SS-MMA-6MP4-2MP4	1.69 (42.9)	0.63 (15.9)	0.08 (2.1)	20000 (1379)
6MP4	2MP6	SS-MMA-6MP4-2MP6	1.81 (46.0)	0.63 (15.9)	0.08 (2.1)	20000 (1379)
6MP4	2MP9	SS-MMA-6MP4-2MP9	2.06 (52.4)	0.94 (23.8)	0.08 (2.1)	20000 (1379)
6MP4	2MP12	SS-MMA-6MP4-2MP12	2.37 (60.3)	1.19 (30.2)	0.08 (2.1)	20000 (1379)
6MP6	2MP16	SS-MMA-6MP4-2MP16	2.94 (74.6)	1.50 (38.1)	0.08 (2.1)	20000 (1379)
6MP6	2MP4	SS-MMA-6MP6-2MP4	2.00 (50.8)	0.81 (20.6)	0.11 (2.4)	20000 (1379)
6MP6	2MP6	SS-MMA-6MP6-2MP6	2.13 (54.0)	0.81 (20.6)	0.13 (3.2)	20000 (1379)
6MP6	2MP9	SS-MMA-6MP6-2MP9	2.37 (60.3)	0.94 (23.8)	0.13 (3.2)	20000 (1379)
6MP6	2MP12	SS-MMA-6MP6-2MP12	2.63 (66.7)	1.19 (30.2)	0.13 (3.2)	20000 (1379)
6MP9	2MP12	SS-MMA-6MP6-2MP16	3.13 (79.4)	1.50 (38.1)	0.13 (3.2)	20000 (1379)
6MP6	2MP4	SS-MMA-6MP9-2MP4	2.25 (57.2)	1.19 (30.2)	0.11 (2.4)	20000 (1379)
6MP9	2MP6	SS-MMA-6MP9-2MP6	2.44 (61.9)	1.19 (30.2)	0.19 (4.8)	20000 (1379)
6MP9	2MP9	SS-MMA-6MP9-2MP9	2.63 (66.7)	1.19 (30.2)	0.19 (4.8)	20000 (1379)
6MP9	2MP12	SS-MMA-6MP9-2MP12	3.15 (79.9)	1.19 (30.2)	0.19 (4.8)	20000 (1379)
6MP9	2MP16	SS-MMA-6MP9-2MP16	3.31 (84.2)	1.50 (38.1)	0.19 (4.8)	20000 (1379)



60,000 psi High pressure male to male NPT threads

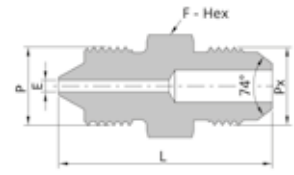
		#	Dimensions - in. (mm)			
P-Connection	Px-Connection		L	F	E	
6MP4	1/8 NPT	SS-MMA-6MP4-NS2	1.37 (34.9)	0.63 (15.9)	0.08 (2.1)	15000 (1034)
6MP4	1/4 NPT	SS-MMA-6MP4-NS4	1.56 (39.7)	0.63 (15.9)	0.08 (2.1)	15000 (1034)
6MP4	3/8 NPT	SS-MMA-6MP4-NS6	1.56 (39.7)	0.69 (17.5)	0.08 (2.1)	15000 (1034)
6MP4	1/2 NPT	SS-MMA-6MP4-NS8	1.81 (46.0)	0.87 (22.2)	0.08 (2.1)	15000 (1034)
6MP4	3/4 NPT	SS-MMA-6MP4-NS12	1.87 (47.6)	1.06 (27.0)	0.08 (2.1)	10000 (690)
6MP4	1 NPT	SS-MMA-6MP4-NS16	2.19 (55.6)	1.37 (34.9)	0.08 (2.1)	10000 (690)
6MP6	1/8 NPT	SS-MMA-6MP6-NS2	1.69 (42.9)	0.81 (20.6)	0.13 (3.2)	15000 (1034)
6MP6	1/4 NPT	SS-MMA-6MP6-NS4	1.87 (47.6)	0.81 (20.6)	0.13 (3.2)	15000 (1034)
6MP6	3/8 NPT	SS-MMA-6MP6-NS6	1.87 (47.6)	0.81 (20.6)	0.13 (3.2)	15000 (1034)
6MP6	1/2 NPT	SS-MMA-6MP6-NS8	2.06 (52.4)	0.87 (22.2)	0.13 (3.2)	15000 (1034)
6MP6	3/4 NPT	SS-MMA-6MP6-NS12	2.13 (54.0)	1.06 (27.0)	0.13 (3.2)	10000 (690)
6MP6	1 NPT	SS-MMA-6MP6-NS16	2.44 (61.9)	1.37 (34.9)	0.13 (3.2)	10000 (690)
6MP9	1/8 NPT	SS-MMA-6MP9-NS2	2.00 (50.8)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
6MP9	1/4 NPT	SS-MMA-6MP9-NS4	2.13 (54.0)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
6MP9	3/8 NPT	SS-MMA-6MP9-NS6	2.13 (54.0)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
6MP9	1/2 NPT	SS-MMA-6MP9-NS8	2.37 (60.3)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
6MP9	3/4 NPT	SS-MMA-6MP9-NS12	2.37 (60.3)	1.19 (30.2)	0.19 (4.8)	10000 (690)
6MP9	1 NPT	SS-MMA-6MP9-NS16	2.63 (66.7)	1.37 (34.9)	0.19 (4.8)	10000 (690)



20,000 / 60,000 PSI HIGH PRESSURE ADAPTORS & COUPLINGS

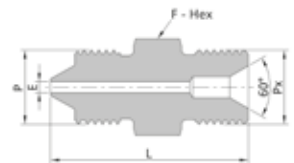
60,000 psi High pressure male to male JIC

P-Connection	Px-Connection	#	Dimensions - in. (mm)			psig (bar)
			L	F	E	
6MP4	1/4 JIC	SS-MMA-6MP4-AN4	1.56 (39.7)	0.63 (15.9)	0.08 (2.1)	20000 (1379)
6MP4	3/8 JIC	SS-MMA-6MP4-AN6	1.56 (39.7)	0.63 (15.9)	0.08 (2.1)	20000 (1379)
6MP4	1/2 JIC	SS-MMA-6MP4-AN8	1.69 (42.9)	0.81 (20.6)	0.08 (2.1)	20000 (1379)
6MP4	5/8 JIC	SS-MMA-6MP4-AN10	1.81 (46.0)	0.94 (23.8)	0.08 (2.1)	20000 (1379)
6MP4	3/4 JIC	SS-MMA-6MP4-AN12	2.00 (50.8)	1.13 (28.6)	0.08 (2.1)	15000 (1034)
6MP4	1 JIC	SS-MMA-6MP4-AN16	2.13 (54.0)	1.37 (34.9)	0.08 (2.1)	15000 (1034)
6MP6	1/4 JIC	SS-MMA-6MP6-AN4	1.81 (46.0)	0.81 (20.6)	0.13 (3.2)	20000 (1379)
6MP6	3/8 JIC	SS-MMA-6MP6-AN6	1.81 (46.0)	0.81 (20.6)	0.13 (3.2)	20000 (1379)
6MP6	1/2 JIC	SS-MMA-6MP6-AN8	1.94 (49.2)	0.81 (20.6)	0.13 (3.2)	20000 (1379)
6MP6	5/8 JIC	SS-MMA-6MP6-AN10	2.06 (52.4)	0.94 (23.8)	0.13 (3.2)	20000 (1379)
6MP6	3/4 JIC	SS-MMA-6MP6-AN12	2.25 (57.2)	1.13 (28.6)	0.13 (3.2)	15000 (1034)
6MP6	1 JIC	SS-MMA-6MP6-AN16	2.37 (60.3)	1.37 (34.9)	0.13 (3.2)	15000 (1034)
6MP9	1/4 JIC	SS-MMA-6MP9-AN4	2.13 (54.0)	1.19 (30.2)	0.17 (4.4)	20000 (1379)
6MP9	3/8 JIC	SS-MMA-6MP9-AN6	2.13 (54.0)	1.19 (30.2)	0.19 (4.8)	20000 (1379)
6MP9	1/2 JIC	SS-MMA-6MP9-AN8	2.25 (57.2)	1.19 (30.2)	0.19 (4.8)	20000 (1379)
6MP9	5/8 JIC	SS-MMA-6MP9-AN10	2.37 (60.3)	1.19 (30.2)	0.19 (4.8)	20000 (1379)
6MP9	3/4 JIC	SS-MMA-6MP9-AN12	2.44 (61.9)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
6MP9	1 JIC	SS-MMA-6MP9-AN16	2.56 (65.0)	1.37 (34.9)	0.19 (4.8)	15000 (1034)





60,000 psi High pressure male to type "M" male

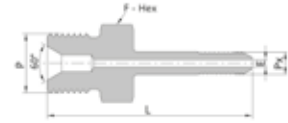
P-Connection	Px-Connection	#	Dimensions - in. (mm)			psig (bar)
			L	F	E	
6MP4	HM9	SS-MMA-6MP4-HM9	1.46 (37.1)	0.63 (15.9)	0.08 (2.1)	60000 (4137)
6MP4	HM12	SS-MMA-6MP4-HM12	1.63 (41.4)	0.75 (19.1)	0.08 (2.1)	30000 (2068)
6MP4	HM14	SS-MMA-6MP4-HM14	1.83 (46.6)	1.00 (25.4)	0.08 (2.1)	50000 (3447)
6MP4	HM16	SS-MMA-6MP4-HM16	1.72 (43.7)	1.00 (25.4)	0.08 (2.1)	30000 (2068)
6MP6	HM21	SS-MMA-6MP4-HM21	1.84 (46.7)	1.37 (34.9)	0.08 (2.1)	20000 (1379)
6MP6	HM9	SS-MMA-6MP6-HM9	1.77 (44.9)	0.81 (20.6)	0.09 (2.4)	60000 (4137)
6MP6	HM12	SS-MMA-6MP6-HM12	1.90 (48.2)	0.81 (20.6)	0.13 (3.2)	30000 (2068)
6MP6	HM14	SS-MMA-6MP6-HM14	2.09 (53.0)	1.00 (25.4)	0.13 (3.2)	50000 (3447)
6MP6	HM16	SS-MMA-6MP6-HM16	1.97 (50.2)	1.00 (25.4)	0.13 (3.2)	30000 (2068)
6MP6	HM21	SS-MMA-6MP6-HM21	2.09 (53.1)	1.37 (34.9)	0.13 (3.2)	20000 (1379)
6MP9	HM9	SS-MMA-6MP9-HM9	2.07 (52.6)	1.19 (30.2)	0.09 (2.4)	60000 (4137)
6MP9	HM12	SS-MMA-6MP9-HM12	2.20 (55.9)	1.19 (30.2)	0.19 (4.8)	30000 (2068)
6MP9	HM14	SS-MMA-6MP9-HM14	2.33 (59.1)	1.19 (30.2)	0.15 (3.8)	50000 (3447)
6MP9	HM16	SS-MMA-6MP9-HM16	2.21 (56.2)	1.19 (30.2)	0.19 (4.8)	30000 (2068)
6MP9	HM21	SS-MMA-6MP9-HM21	2.26 (57.4)	1.37 (34.9)	0.19 (4.8)	20000 (1379)





20,000 / 60,000 PSI HIGH PRESSURE ADAPTORS & COUPLINGS

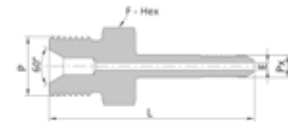
Type "M" male to 20,000 psi medium pressure coned and threaded nipples

		#	Dimensions - in. (mm)			 psig (bar)
P-Connection	Px-Connection		L	F	E	
HM9	2CT4	SS-MMA-HM9-2CT4	1.80 (45.7)	0.63 (15.9)	0.09 (2.4)	20000 (1379)
HM9	2CT6	SS-MMA-HM9-2CT6	2.05 (52.1)	0.63 (15.9)	0.09 (2.4)	20000 (1379)
HM9	2CT9	SS-MMA-HM9-2CT9	2.28 (58.0)	0.69 (17.5)	0.09 (2.4)	20000 (1379)
HM9	2CT12	SS-MMA-HM9-2CT12	2.58 (65.5)	0.87 (22.2)	0.09 (2.4)	20000 (1379)
HM9	2CT16	SS-MMA-HM9-2CT16	3.22 (81.7)	1.13 (28.6)	0.09 (2.4)	20000 (1379)
HM12	2CT4	SS-MMA-HM12-2CT6	1.97 (50.0)	0.75 (19.1)	0.11 (2.8)	20000 (1379)
HM12	2CT6	SS-MMA-HM12-2CT9	2.22 (56.4)	0.75 (19.1)	0.20 (5.2)	20000 (1379)
HM12	2CT9	SS-MMA-HM12-2CT12	2.43 (61.7)	0.75 (19.1)	0.29 (7.4)	20000 (1379)
HM12	2CT12	SS-MMA-HM12-2CT16	2.71 (68.8)	0.87 (22.2)	0.29 (7.4)	20000 (1379)
HM12	2CT16	SS-MMA-HM14-2CT6	3.35 (85.0)	1.13 (28.6)	0.29 (7.4)	20000 (1379)
HM14	2CT4	SS-MMA-HM14-2CT9	2.17 (55.2)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
HM14	2CT6	SS-MMA-HM14-2CT12	2.43 (61.6)	1.00 (25.4)	0.15 (3.8)	20000 (1379)
HM14	2CT9	SS-MMA-HM14-2CT16	2.63 (66.9)	1.00 (25.4)	0.15 (3.8)	20000 (1379)
HM14	2CT12	SS-MMA-HM16-2CT6	2.88 (73.2)	1.00 (25.4)	0.15 (3.8)	20000 (1379)
HM14	2CT16	SS-MMA-HM16-2CT9	3.47 (88.2)	1.13 (28.6)	0.15 (3.8)	20000 (1379)
HM16	2CT4	SS-MMA-HM16-2CT12	2.06 (52.3)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
HM16	2CT6	SS-MMA-HM16-2CT16	2.31 (58.7)	1.00 (25.4)	0.20 (5.2)	20000 (1379)
HM16	2CT9	SS-MMA-HM21-2CT6	2.52 (64.0)	1.00 (25.4)	0.31 (7.9)	20000 (1379)
HM16	2CT12	SS-MMA-HM21-2CT9	2.77 (70.3)	1.00 (25.4)	0.39 (10.0)	20000 (1379)
HM16	2CT16	SS-MMA-HM21-2CT12	3.36 (85.3)	1.13 (28.6)	0.39 (10.0)	20000 (1379)
HM21	2CT4	SS-MMA-HM21-2CT16	2.18 (55.3)	1.37 (34.9)	0.11 (2.8)	20000 (1379)
HM21	2CT6	SS-MMA-HM12-2CT4	2.43 (61.7)	1.37 (34.9)	0.20 (5.2)	20000 (1379)
HM21	2CT9	SS-MMA-HM14-2CT4	2.64 (67.0)	1.37 (34.9)	0.31 (7.9)	20000 (1379)
HM21	2CT12	SS-MMA-HM16-2CT4	2.89 (73.3)	1.37 (34.9)	0.44 (11.1)	20000 (1379)
HM21	2CT16	SS-MMA-HM21-2CT4	3.42 (86.9)	1.37 (34.9)	0.56 (14.3)	20000 (1379)



Type "M" male to 60,000 psi high pressure coned and threaded nipples

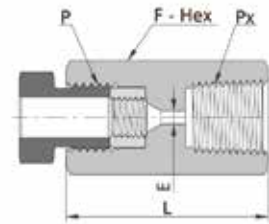
		#	Dimensions - in. (mm)			 psig (bar)
P-Connection	Px-Connection		L	F	E	
HM9	6CT4	SS-MMA-HM9-6CT4	2.15 (54.6)	0.63 (15.9)	0.08 (2.1)	60000 (4137)
HM9	6CT6	SS-MMA-HM9-6CT6	2.53 (64.3)	0.63 (15.9)	0.09 (2.4)	60000 (4137)
HM9	6CT9	SS-MMA-HM9-6CT9	3.12 (79.3)	0.63 (15.9)	0.09 (2.4)	60000 (4137)
HM12	6CT4	SS-MMA-HM12-6CT4	2.31 (58.6)	0.75 (19.1)	0.08 (2.1)	30000 (2068)
HM12	6CT6	SS-MMA-HM12-6CT6	2.70 (68.6)	0.75 (19.1)	0.13 (3.2)	30000 (2068)
HM12	6CT9	SS-MMA-HM12-6CT9	3.29 (83.6)	0.75 (19.1)	0.19 (4.8)	30000 (2068)
HM14	6CT4	SS-MMA-HM14-6CT4	2.51 (63.8)	1.00 (25.4)	0.08 (2.1)	50000 (3447)
HM14	6CT6	SS-MMA-HM14-6CT6	2.91 (73.8)	1.00 (25.4)	0.13 (3.2)	50000 (3447)
HM14	6CT9	SS-MMA-HM14-6CT9	3.50 (88.8)	1.00 (25.4)	0.15 (3.8)	50000 (3447)
HM16	6CT4	SS-MMA-HM16-6CT4	2.40 (60.9)	1.00 (25.4)	0.08 (2.1)	30000 (2068)
HM16	6CT6	SS-MMA-HM16-6CT6	2.79 (70.9)	1.00 (25.4)	0.13 (3.2)	30000 (2068)
HM16	6CT9	SS-MMA-HM16-6CT9	3.38 (85.9)	1.00 (25.4)	0.19 (4.8)	30000 (2068)
HM21	6CT4	SS-MMA-HM21-6CT4	2.51 (63.9)	1.37 (34.9)	0.08 (2.1)	20000 (1379)
HM21	6CT6	SS-MMA-HM21-6CT6	2.91 (73.9)	1.37 (34.9)	0.13 (3.2)	20000 (1379)
HM21	6CT9	SS-MMA-HM21-6CT9	3.50 (88.9)	1.37 (34.9)	0.19 (4.8)	20000 (1379)





20,000 / 60,000 PSI HIGH PRESSURE ADAPTORS & COUPLINGS

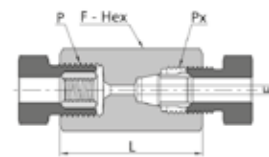
20,000 psi Medium pressure female to female NPT thread

		#	Dimensions - in. (mm)			
P-Connection	Px-Connection		L	F	E	
2FH4	1/8 NPT	SS-FFC-2FH4-NS2	1.37 (34.9)	0.63 (15.9)	0.11 (2.8)	15000 (1034)
2FH4	1/4 NPT	SS-FFC-2FH4-NS4	1.63 (41.3)	0.94 (23.8)	0.11 (2.8)	15000 (1034)
2FH4	3/8 NPT	SS-FFC-2FH4-NS6	1.63 (41.3)	1.13 (28.6)	0.11 (2.8)	15000 (1034)
2FH4	1/2 NPT	SS-FFC-2FH4-NS8	2.00 (50.8)	1.37 (34.9)	0.11 (2.8)	15000 (1034)
2FH6	1/2 NPT	SS-FFC-2FH6-NS2	1.50 (38.1)	0.75 (19.1)	0.20 (5.1)	15000 (1034)
2FH6	1/4 NPT	SS-FFC-2FH6-NS4	1.75 (44.5)	0.94 (23.8)	0.20 (5.1)	15000 (1034)
2FH6	3/8 NPT	SS-FFC-2FH6-NS6	1.81 (46.0)	1.13 (28.6)	0.20 (5.1)	15000 (1034)
2FH6	1/2 NPT	SS-FFC-2FH6-NS8	2.13 (54.0)	1.37 (34.9)	0.20 (5.1)	15000 (1034)
2FH6	3/4 NPT	SS-FFC-2FH6-NS12	2.25 (57.2)	1.50 (38.1)	0.20 (5.1)	10000 (690)
2FH9	1/8 NPT	SS-FFC-2FH9-NS2	1.63 (41.3)	1.00 (25.4)	0.31 (7.9)	15000 (1034)
2FH9	1/4 NPT	SS-FFC-2FH9-NS4	2.00 (50.8)	1.00 (25.4)	0.31 (7.9)	15000 (1034)
2FH9	3/8 NPT	SS-FFC-2FH9-NS6	2.00 (50.8)	1.13 (28.6)	0.31 (7.9)	15000 (1034)
2FH9	1/2 NPT	SS-FFC-2FH9-NS8	2.25 (57.2)	1.37 (34.9)	0.31 (7.9)	15000 (1034)
2FH9	3/4 NPT	SS-FFC-2FH9-NS12	2.25 (57.2)	1.50 (38.1)	0.31 (7.9)	10000 (690)
2FH9	1 NPT	SS-FFC-2FH9-NS16	2.63 (66.7)	1.75 (44.5)	0.31 (7.9)	10000 (690)
2FH12	1/8 NPT	SS-FFC-2FH12-NS2	2.37 (60.3)	1.75 (44.5)	0.41 (10.4)	15000 (1034)
2FH12	1/4 NPT	SS-FFC-2FH12-NS4	2.50 (63.5)	1.75 (44.5)	0.55 (13.9)	15000 (1034)
2FH12	3/8 NPT	SS-FFC-2FH12-NS6	3.00 (76.2)	1.75 (44.5)	0.56 (14.3)	15000 (1034)
2FH12	1/2 NPT	SS-FFC-2FH12-NS8	3.00 (76.2)	1.75 (44.5)	0.56 (14.3)	10000 (690)
2FH12	3/4 NPT	SS-FFC-2FH12-NS12	3.00 (76.2)	1.75 (44.5)	0.56 (14.3)	10000 (690)
2FH12	1 NPT	SS-FFC-2FH12-NS16	1.75 (44.5)	1.37 (34.9)	0.32 (8.1)	15000 (1034)
2FH16	1/4 NPT	SS-FFC-2FH16-NS4	2.00 (50.8)	1.37 (34.9)	0.41 (10.4)	15000 (1034)
2FH16	3/8 NPT	SS-FFC-2FH16-NS6	2.37 (60.3)	1.37 (34.9)	0.44 (11.1)	15000 (1034)
2FH16	1/2 NPT	SS-FFC-2FH16-NS8	2.63 (66.7)	1.37 (34.9)	0.44 (11.1)	15000 (1034)
2FH16	3/4 NPT	SS-FFC-2FH16-NS12	2.63 (66.7)	1.50 (38.1)	0.44 (11.1)	10000 (690)
2FH16	1 NPT	SS-FFC-2FH16-NS16	2.63 (66.7)	1.75 (44.5)	0.44 (11.1)	10000 (690)





60,000 psi High pressure female to 15 series female

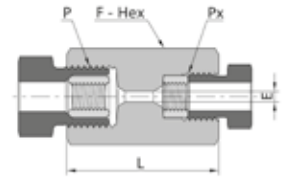
		#	Dimensions - in. (mm)			
P-Connection	Px-Connection		L	F	E	
6FH4	FH2	SS-FFC-6FH4-FH2	1.19 (30.2)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
6FH4	FH4	SS-FFC-6FH4-FH4	1.50 (38.1)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
6FH4	FH6	SS-FFC-6FH4-FH6	1.63 (41.3)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
6FH4	FH8	SS-FFC-6FH4-FH8	1.75 (44.5)	1.00 (25.4)	0.09 (2.4)	15000 (1034)
6FH6	FH2	SS-FFC-6FH6-FH2	1.50 (38.1)	1.00 (25.4)	0.09 (2.4)	15000 (1034)
6FH6	FH4	SS-FFC-6FH6-FH4	1.75 (44.5)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH6	FH6	SS-FFC-6FH6-FH6	1.81 (46.0)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH6	FH8	SS-FFC-6FH6-FH8	2.00 (50.8)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH9	FH2	SS-FFC-6FH9-FH2	1.69 (42.9)	1.37 (34.9)	0.09 (2.4)	15000 (1034)
6FH9	FH4	SS-FFC-6FH9-FH4	1.87 (47.6)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	FH6	SS-FFC-6FH9-FH6	2.00 (50.8)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	FH8	SS-FFC-6FH9-FH8	2.13 (54.0)	1.37 (34.9)	0.19 (4.8)	15000 (1034)





20,000 / 60,000 PSI HIGH PRESSURE ADAPTORS & COUPLINGS

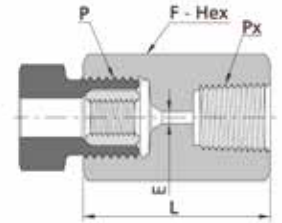
60,000 psi High pressure female to 20,000 psi medium pressure female

		#	Dimensions - in. (mm)			
P-Connection	Px-Connection		L	F	E	
6FH4	2FH4	SS-FFC-6FH4-2FH4	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	20000 (1379)
6FH4	2FH6	SS-FFC-6FH4-2FH6	1.56 (39.7)	0.75 (19.1)	0.09 (2.4)	20000 (1379)
6FH4	2FH9	SS-FFC-6FH4-2FH9	1.81 (46.0)	1.00 (25.4)	0.09 (2.4)	20000 (1379)
6FH4	2FH12	SS-FFC-6FH4-2FH12	2.06 (52.4)	1.37 (34.9)	0.09 (2.4)	20000 (1379)
6FH4	2FH16	SS-FFC-6FH4-2FH16	2.56 (65.1)	1.75 (44.5)	0.09 (2.4)	20000 (1379)
6FH6	2FH4	SS-FFC-6FH6-2FH4	1.63 (41.3)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
6FH6	2FH6	SS-FFC-6FH6-2FH6	1.81 (46.0)	1.00 (25.4)	0.13 (3.2)	20000 (1379)
6FH6	2FH9	SS-FFC-6FH6-2FH9	2.06 (52.4)	1.00 (25.4)	0.13 (3.2)	20000 (1379)
6FH6	2FH12	SS-FFC-6FH6-2FH12	2.31 (58.7)	1.37 (34.9)	0.13 (3.2)	20000 (1379)
6FH6	2FH16	SS-FFC-6FH6-2FH16	2.81 (71.4)	1.75 (44.5)	0.13 (3.2)	20000 (1379)
6FH9	2FH4	SS-FFC-6FH9-2FH4	1.81 (46.0)	1.37 (34.9)	0.11 (2.8)	20000 (1379)
6FH9	2FH6	SS-FFC-6FH9-2FH6	1.94 (49.2)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
6FH9	2FH9	SS-FFC-6FH9-2FH9	2.25 (57.2)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
6FH9	2FH12	SS-FFC-6FH9-2FH12	2.44 (61.9)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
6FH9	2FH16	SS-FFC-6FH9-2FH16	3.00 (76.2)	1.75 (44.5)	0.19 (4.8)	20000 (1379)





60,000 psi High pressure female to female NPT thread

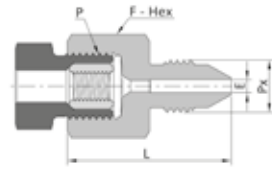
		#	Dimensions - in. (mm)			
P-Connection	Px-Connection		L	F	E	
6FH4	1/8 NPT	SS-FFC-6FH4-NS2	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
6FH4	1/4 NPT	SS-FFC-6FH4-NS4	1.63 (41.3)	0.94 (23.8)	0.09 (2.4)	15000 (1034)
6FH4	3/8 NPT	SS-FFC-6FH4-NS6	1.63 (41.3)	1.13 (28.6)	0.09 (2.4)	15000 (1034)
6FH4	1/2 NPT	SS-FFC-6FH4-NS8	2.00 (50.8)	1.37 (34.9)	0.09 (2.4)	15000 (1034)
6FH4	3/4 NPT	SS-FFC-6FH4-NS12	2.00 (50.8)	1.50 (38.1)	0.09 (2.4)	10000 (690)
6FH4	1 NPT	SS-FFC-6FH4-NS16	2.37 (60.3)	1.75 (44.5)	0.09 (2.4)	10000 (690)
6FH6	1/8 NPT	SS-FFC-6FH6-NS2	1.63 (41.3)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH6	1/4 NPT	SS-FFC-6FH6-NS4	1.87 (47.6)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH6	3/8 NPT	SS-FFC-6FH6-NS6	1.87 (47.6)	1.13 (28.6)	0.13 (3.2)	15000 (1034)
6FH6	1/2 NPT	SS-FFC-6FH6-NS8	2.13 (54.0)	1.37 (34.9)	0.13 (3.2)	15000 (1034)
6FH6	3/4 NPT	SS-FFC-6FH6-NS12	2.00 (50.8)	1.50 (38.1)	0.13 (3.2)	10000 (690)
6FH6	1 NPT	SS-FFC-6FH6-NS16	2.25 (57.2)	1.75 (44.5)	0.13 (3.2)	10000 (690)
6FH9	1/8 NPT	SS-FFC-6FH9-NS2	1.81 (46.0)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	1/4 NPT	SS-FFC-6FH9-NS4	2.00 (50.8)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	3/8 NPT	SS-FFC-6FH9-NS6	2.00 (50.8)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	1/2 NPT	SS-FFC-6FH9-NS8	2.37 (60.3)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	3/4 NPT	SS-FFC-6FH9-NS12	2.37 (60.3)	1.50 (38.1)	0.19 (4.8)	10000 (690)
6FH9	1 NPT	SS-FFC-6FH9-NS16	2.50 (63.5)	1.75 (44.5)	0.19 (4.8)	10000 (690)





20,000 / 60,000 PSI HIGH PRESSURE ADAPTORS & COUPLINGS

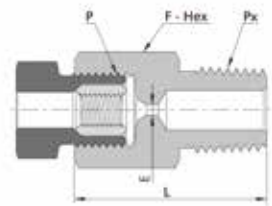
60,000 psi High pressure female to 20,000 psi medium pressure male

		#	Dimensions - in. (mm)			 psig (bar)
P-Connection	Px-Connection		L	F	E	
6FH4	2MP4	SS-FMA-6FH4-2MP4	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	20000 (1379)
6FH4	2MP6	SS-FMA-6FH4-2MP6	1.50 (38.1)	0.75 (19.1)	0.09 (2.4)	20000 (1379)
6FH4	2MP9	SS-FMA-6FH4-2MP9	1.69 (42.9)	0.94 (23.8)	0.09 (2.4)	20000 (1379)
6FH4	2MP12	SS-FMA-6FH4-2MP12	1.75 (44.5)	1.19 (30.2)	0.09 (2.4)	20000 (1379)
6FH4	2MP16	SS-FMA-6FH4-2MP16	2.37 (60.3)	1.50 (38.1)	0.09 (2.4)	20000 (1379)
6FH6	2MP4	SS-FMA-6FH6-2MP4	1.67 (42.3)	1.00 (25.4)	0.11 (2.8)	20000 (1379)
6FH6	2MP6	SS-FMA-6FH6-2MP6	1.81 (46.0)	1.00 (25.4)	0.13 (3.2)	20000 (1379)
6FH6	2MP9	SS-FMA-6FH6-2MP9	1.94 (49.2)	1.00 (25.4)	0.13 (3.2)	20000 (1379)
6FH9	2MP12	SS-FMA-6FH6-2MP12	2.13 (54.0)	1.19 (30.2)	0.13 (3.2)	20000 (1379)
6FH9	2MP16	SS-FMA-6FH6-2MP16	2.50 (63.5)	1.50 (38.1)	0.13 (3.2)	20000 (1379)
6FH9	2MP4	SS-FMA-6FH9-2MP4	1.87 (47.6)	1.37 (34.9)	0.11 (2.8)	20000 (1379)
6FH9	2MP6	SS-FMA-6FH9-2MP6	2.00 (50.8)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
6FH9	2MP9	SS-FMA-6FH9-2MP9	2.19 (55.6)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
6FH9	2MP12	SS-FMA-6FH9-2MP12	2.37 (60.3)	1.37 (34.9)	0.19 (4.8)	20000 (1379)
6FH9	2MP16	SS-FMA-6FH9-2MP16	2.81 (71.4)	1.50 (38.1)	0.19 (4.8)	20000 (1379)





60,000 psi High pressure female to male NPT thread

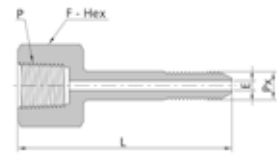
		#	Dimensions - in. (mm)			 psig (bar)
P-Connection	Px-Connection		L	F	E	
6FH4	1/8 NPT	SS-FMA-6FH4-NS2	1.25 (31.8)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
6FH4	1/4 NPT	SS-FMA-6FH4-NS4	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
6FH4	3/8 NPT	SS-FMA-6FH4-NS6	1.37 (34.9)	0.75 (19.1)	0.09 (2.4)	15000 (1034)
6FH4	1/2 NPT	SS-FMA-6FH4-NS8	1.50 (38.1)	0.87 (22.2)	0.09 (2.4)	15000 (1034)
6FH4	3/4 NPT	SS-FMA-6FH4-NS12	1.75 (44.5)	1.06 (27.0)	0.09 (2.4)	10000 (690)
6FH6	1/8 NPT	SS-FMA-6FH6-NS2	1.50 (38.1)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH6	1/4 NPT	SS-FMA-6FH6-NS4	1.63 (41.3)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH6	3/8 NPT	SS-FMA-6FH6-NS6	1.63 (41.3)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH6	1/2 NPT	SS-FMA-6FH6-NS8	1.75 (44.5)	1.00 (25.4)	0.13 (3.2)	15000 (1034)
6FH6	3/4 NPT	SS-FMA-6FH6-NS12	2.00 (50.8)	1.06 (27.0)	0.13 (3.2)	10000 (690)
6FH6	1 NPT	SS-FMA-6FH6-NS16	2.00 (50.8)	1.37 (34.9)	0.13 (3.2)	10000 (690)
6FH9	1/8 NPT	SS-FMA-6FH9-NS2	1.63 (41.3)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	1/4 NPT	SS-FMA-6FH9-NS4	1.75 (44.5)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	3/8 NPT	SS-FMA-6FH9-NS6	1.75 (44.5)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	1/2 NPT	SS-FMA-6FH9-NS8	1.87 (47.6)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
6FH9	3/4 NPT	SS-FMA-6FH9-NS12	2.13 (54.0)	1.37 (34.9)	0.19 (4.8)	10000 (690)
6FH9	1 NPT	SS-FMA-6FH9-NS16	2.25 (57.2)	1.37 (34.9)	0.19 (4.8)	10000 (690)





20,000 / 60,000 PSI HIGH PRESSURE ADAPTORS & COUPLINGS

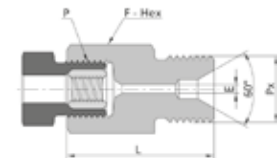
Female NPT threads to 60,000 psi high pressure coned and threaded nipples

		#	Dimensions - in. (mm)			
P-Connection	Px-Connection		L	F	E	
1/8 NPT	6MP4	SS-FMA-NS2-6MP4	1.19 (30.2)	0.63 (15.9)	0.08 (2.1)	15000 (1034)
1/8 NPT	6MP6	SS-FMA-NS2-6MP6	1.37 (34.9)	0.81 (20.6)	0.13 (3.2)	15000 (1034)
1/8 NPT	6MP9	SS-FMA-NS2-6MP9	1.63 (41.3)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
1/4 NPT	6MP4	SS-FMA-NS4-6MP4	1.37 (34.9)	0.94 (23.8)	0.08 (2.1)	15000 (1034)
1/4 NPT	6MP6	SS-FMA-NS4-6MP6	1.63 (41.3)	0.94 (23.8)	0.13 (3.2)	15000 (1034)
1/4 NPT	6MP9	SS-FMA-NS4-6MP9	1.75 (44.5)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
3/8 NPT	6MP4	SS-FMA-NS6-6MP4	1.44 (36.5)	1.13 (28.6)	0.08 (2.1)	15000 (1034)
3/8 NPT	6MP6	SS-FMA-NS6-6MP6	1.69 (42.9)	1.13 (28.6)	0.13 (3.2)	15000 (1034)
3/8 NPT	6MP9	SS-FMA-NS6-6MP9	1.81 (46.0)	1.19 (30.2)	0.19 (4.8)	15000 (1034)
1/2 NPT	6MP4	SS-FMA-NS8-6MP4	1.69 (42.9)	1.37 (34.9)	0.08 (2.1)	15000 (1034)
1/2 NPT	6MP6	SS-FMA-NS8-6MP6	1.94 (49.2)	1.37 (34.9)	0.13 (3.2)	15000 (1034)
1/2 NPT	6MP9	SS-FMA-NS8-6MP9	2.13 (54.0)	1.37 (34.9)	0.19 (4.8)	15000 (1034)
3/4 NPT	6MP4	SS-FMA-NS12-6MP4	1.75 (44.5)	1.50 (38.1)	0.08 (2.1)	10000 (690)
3/4 NPT	6MP6	SS-FMA-NS12-6MP6	2.00 (50.8)	1.50 (38.1)	0.13 (3.2)	10000 (690)
3/4 NPT	6MP9	SS-FMA-NS12-6MP9	2.19 (55.6)	1.50 (38.1)	0.19 (4.8)	10000 (690)
1 NPT	6MP4	SS-FMA-NS16-6MP4	2.00 (50.8)	1.75 (44.5)	0.08 (2.1)	10000 (690)
1 NPT	6MP6	SS-FMA-NS16-6MP6	2.25 (57.2)	1.75 (44.5)	0.13 (3.2)	10000 (690)
1 NPT	6MP9	SS-FMA-NS16-6MP9	2.44 (61.9)	1.75 (44.5)	0.19 (4.8)	10000 (690)



60 Series female to type "M" male

		#	Dimensions - in. (mm)			
P-Connection	Px-Connection		L	F	E	
6FH4	HM9	SS-FMA-6FH4-HM9	1.25 (31.8)	0.75 (19.1)	0.09 (2.4)	60000 (4137)
6FH4	HM12	SS-FMA-6FH4-HM12	1.38 (35.0)	0.75 (19.1)	0.09 (2.4)	30000 (2068)
6FH4	HM14	SS-FMA-6FH4-HM14	1.56 (39.7)	1.00 (25.4)	0.09 (2.4)	50000 (3447)
6FH4	HM16	SS-FMA-6FH4-HM16	1.37 (34.9)	1.00 (25.4)	0.09 (2.4)	30000 (2068)
6FH6	HM9	SS-FMA-6FH6-HM9	1.50 (38.1)	1.00 (25.4)	0.09 (2.4)	60000 (4137)
6FH6	HM12	SS-FMA-6FH6-HM12	1.63 (41.3)	1.00 (25.4)	0.13 (3.2)	30000 (2068)
6FH6	HM14	SS-FMA-6FH6-HM14	1.81 (46.0)	1.00 (25.4)	0.13 (3.2)	50000 (3447)
6FH6	HM16	SS-FMA-6FH6-HM16	1.64 (41.6)	1.00 (25.4)	0.13 (3.2)	30000 (2068)
6FH6	HM21	SS-FMA-6FH6-HM21	1.56 (39.7)	1.37 (34.9)	0.13 (3.2)	20000 (1379)
6FH9	HM14	SS-FMA-6FH9-HM14	2.00 (50.8)	1.37 (34.9)	0.15 (3.8)	50000 (3447)
6FH9	HM16	SS-FMA-6FH9-HM16	1.81 (46.0)	1.37 (34.9)	0.19 (4.8)	30000 (2068)
6FH9	HM21	SS-FMA-6FH9-HM21	1.81 (46.0)	1.37 (34.9)	0.19 (4.8)	20000 (1379)


















20,000 PSI MEDIUM PRESSURE TUBE FITTINGS & TUBING

FEATURES

- Pressure up to 20,000 psig (1379 bar)
- Coned-and-Threaded Connection
- Metal-to-metal seal provides perfect leak-tight service from critical vacuum to high pressure
- Anti-vibration connection components available
- Fittings are easy to disconnect and retighten
- Every fitting is stamped with size, material and heat code
- Available to NACE MR-01-75

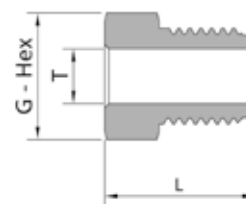


CONFIGURATION	FITTING TYPE	EXAMPLE
	Gland	SS-G-2FH4
	Collar	SS-CO-2FH6
	Plug	SS-TP-2FH9
	Union Coupling	SS-U-2FH12
	Reducing Union Coupling	SS-U-2FH6-2FH4
	Union Coupling (Slip Type)	SS-SU-2FH16
	Bulkhead Coupling	SS-BU-2FH6
	Cap	SS-TC-2FH6
	Elbow	SS-LU-2FH9
	Tee	SS-TTT-2FH12
	Cross	SS-C-2FH4
	Anti-Vibration Gland Assembly	SS-AVGA-2FH9
	Coned and Threaded Nipple	SS-CTN-2FH6-8

20,000 PSI MEDIUM PRESSURE TUBE FITTINGS & TUBING

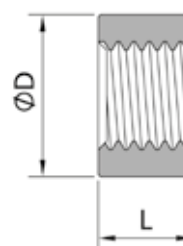
GLANDS

T-Tube O.D. (in)	#	Dimensions - in. (mm)	
		G	L
1/4	SS-G-2FH4	0.50 (12.7)	0.58 (14.7)
3/8	SS-G-2FH6	0.63 (15.9)	0.73 (18.5)
9/16	SS-G-2FH9	0.94 (23.8)	0.88 (22.4)
3/4	SS-G-2FH12	1.19 (30.2)	1.00 (25.4)
1	SS-G-2FH16	1.38 (34.9)	1.38 (35.1)



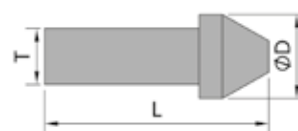
COLLARS

T-Tube O.D. (in)	#	Dimensions - in. (mm)	
		D	L
1/4	SS-CO-2FH4	0.34 (9.7)	0.22 (5.6)
3/8	SS-CO-2FH6	0.47 (11.9)	0.25 (6.4)
9/16	SS-CO-2FH9	0.72 (18.3)	0.31 (7.9)
3/4	SS-CO-2FH12	0.94 (23.8)	0.37 (9.4)
1	SS-CO-2FH16	1.25 (31.8)	0.50 (12.7)



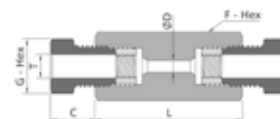
PLUGS

T-Tube O.D. (in)	#	Dimensions - in. (mm)	
		D	L
1/4	SS-TP-2FH4	0.38 (9.7)	0.94 (23.8)
3/8	SS-TP-2FH6	0.47 (11.9)	1.18 (30.0)
9/16	SS-TP-2FH9	0.72 (18.3)	1.40 (35.6)
3/4	SS-TP-2FH12	0.94 (23.8)	1.69 (42.9)
1	SS-TP-2FH16	1.25 (31.8)	2.20 (55.9)



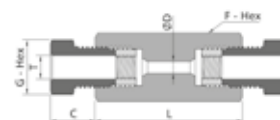
UNION COUPLINGS

T-Tube O.D. (in)	#	Dimensions - in. (mm)				
		L	C	D	G	F
1/4	SS-U-2FH4	1.62 (41.1)	0.38 (9.7)	0.11 (2.8)	0.50 (12.7)	0.63 (15.9)
3/8	SS-U-2FH6	1.75 (44.5)	0.44 (11.2)	0.20 (5.1)	0.63 (15.9)	0.75 (19.1)
9/16	SS-U-2FH9	2.12 (53.9)	0.53 (13.5)	0.31 (7.9)	0.94 (23.8)	1.00 (25.4)
3/4	SS-U-2FH12	2.50 (63.5)	0.62 (15.7)	0.44 (11.1)	1.19 (30.2)	1.38 (34.9)
1	SS-U-2FH16	3.50 (88.9)	0.72 (18.3)	0.56 (14.3)	1.38 (34.9)	1.75 (44.5)



UNION COUPLINGS (SLIP TYPE)

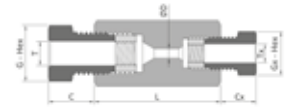
T-Tube O.D. (in)	#	Dimensions - in. (mm)				
		L	C	D	G	F
1/4	SS-SU-2FH4	1.62 (41.1)	0.38 (9.7)	0.11 (2.8)	0.50 (12.7)	0.63 (15.9)
3/8	SS-SU-2FH6	1.75 (44.5)	0.44 (11.2)	0.20 (5.1)	0.63 (15.9)	0.75 (19.1)
9/16	SS-SU-2FH9	2.12 (53.9)	0.53 (13.5)	0.31 (7.9)	0.94 (23.8)	1.00 (25.4)
3/4	SS-SU-2FH12	2.50 (63.5)	0.62 (15.7)	0.44 (11.1)	1.19 (30.2)	1.38 (34.9)
1	SS-SU-2FH16	3.50 (88.9)	0.72 (18.3)	0.56 (14.3)	1.38 (34.9)	1.75 (44.5)



20,000 PSI MEDIUM PRESSURE TUBE FITTINGS & TUBING

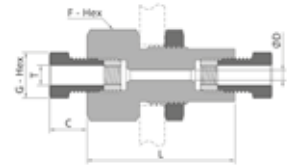
REDUCING UNION COUPLINGS

T-Tube O.D. (in)	Tx - Tube O.D. (in)	#	Dimensions - in. (mm)					
			L	C	Cx	D	G	Gx
3/8	1/4	SS-U-2FH6-2FH4	1.75 (44.5)	0.44 (11.2)	0.38 (9.7)	0.11 (2.8)	0.63 (15.9)	0.50 (12.7)
9/16	1/4	SS-U-2FH9-2FH4	2.00 (50.8)	0.53 (13.5)	0.38 (9.7)	0.11 (2.8)	0.94 (23.8)	0.50 (12.7)
9/16	3/8	SS-U-2FH9-2FH6	2.0 (50.8)	0.53 (13.5)	0.44 (11.2)	0.20 (5.1)	0.94 (23.8)	0.63 (15.9)
3/4	1/4	SS-U-2FH12-2FH4	2.25 (57.2)	0.62 (15.7)	0.38 (9.7)	0.11 (2.8)	1.19 (30.2)	0.50 (12.7)
3/4	3/8	SS-U-2FH12-2FH6	2.25 (57.2)	0.62 (15.7)	0.44 (11.2)	0.20 (5.1)	1.19 (30.2)	0.63 (15.9)
3/4	9/16	SS-U-2FH12-2FH9	2.50 (63.5)	0.62 (15.7)	0.53 (13.5)	0.31 (7.9)	1.19 (30.2)	0.94 (23.8)
1	1/4	SS-U-2FH16-2FH4	2.75 (69.9)	0.72 (18.3)	0.38 (9.7)	0.11 (2.8)	1.38 (34.9)	0.50 (12.7)
1	3/8	SS-U-2FH16-2FH6	2.88 (73.0)	0.72 (18.3)	0.44 (11.2)	0.20 (5.1)	1.38 (34.9)	0.63 (15.9)
1	9/16	SS-U-2FH16-2FH9	3.00 (76.2)	0.72 (18.3)	0.53 (13.5)	0.31 (7.9)	1.38 (34.9)	0.94 (23.8)
1	3/4	SS-U-2FH16-2FH12	3.00 (76.2)	0.72 (18.3)	0.62 (15.7)	0.44 (11.1)	1.38 (34.9)	1.19 (30.2)



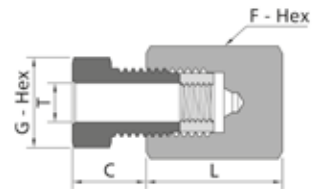
BULKHEAD COUPLINGS

T-Tube O.D. (in)	#	Dimensions - in. (mm)						
		L	C	D	G	F	Panel hole size	Max. panel thickness
1/4	SS-BU-2FH4	1.88 (47.8)	0.38 (9.7)	0.11 (2.8)	0.50 (12.7)	1.00 (25.4)	0.81 (20.6)	0.38 (9.7)
3/8	SS-BU-2FH6	2.00 (50.8)	0.44 (11.2)	0.20 (5.1)	0.63 (15.9)	1.06 (27.0)	0.94 (23.9)	0.38 (9.7)
9/16	SS-BU-2FH9	2.38 (60.5)	0.53 (13.5)	0.31 (7.9)	0.94 (23.8)	1.38 (34.9)	1.13 (28.6)	0.38 (9.7)
3/4	SS-BU-2FH12	2.62 (66.5)	0.62 (15.7)	0.44 (11.1)	1.19 (30.2)	1.88 (47.6)	1.69 (42.9)	0.38 (9.7)
1	SS-BU-2FH16	3.50 (88.9)	0.72 (18.3)	0.56 (14.3)	1.38 (34.9)	2.13 (54.0)	1.94 (49.3)	0.38 (9.7)



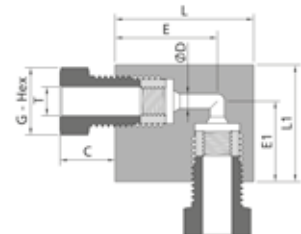
CAPS

T-Tube O.D. (in)	#	Dimensions - in. (mm)			
		L	C	G	F
1/4	SS-TC-2FH4	0.81 (20.6)	0.38 (9.7)	0.50 (12.7)	0.63 (15.9)
3/8	SS-TC-2FH6	1.13 (28.6)	0.44 (11.2)	0.63 (15.9)	0.75 (19.1)
9/16	SS-TC-2FH9	1.38 (34.9)	0.53 (13.5)	0.94 (23.8)	1.00 (25.4)
3/4	SS-TC-2FH12	1.75 (44.5)	0.62 (15.7)	1.19 (30.2)	1.38 (34.9)
1	SS-TC-2FH16	2.25 (57.2)	0.72 (18.3)	1.38 (34.9)	1.75 (44.5)



ELBOWS

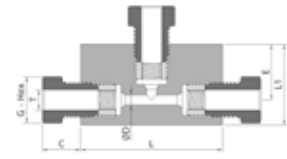
T-Tube O.D. (in)	#	Dimensions - in. (mm)						
		C	D	G	L	E	L1	E1
1/4	SS-LU-2FH4	0.38 (9.7)	0.11 (2.8)	0.50 (12.7)	1.12 (28.4)	0.75 (19.1)	1.12 (28.4)	0.75 (19.1)
3/8	SS-LU-2FH6	0.44 (11.2)	0.20 (5.1)	0.63 (15.9)	1.38 (34.9)	1.00 (25.4)	1.38 (34.9)	1.00 (25.4)
9/16	SS-LU-2FH9	0.53 (13.5)	0.31 (7.9)	0.94 (23.0)	1.75 (44.5)	1.25 (31.8)	1.75 (44.5)	1.25 (31.8)
3/4	SS-LU-2FH12	0.62 (15.7)	0.44 (11.1)	1.19 (30.2)	2.25 (57.2)	1.50 (38.1)	2.25 (57.2)	1.50 (38.1)
1	SS-LU-2FH16	0.72 (18.3)	0.56 (14.3)	1.38 (34.9)	3.00 (76.2)	2.06 (52.3)	3.00 (76.2)	2.06 (52.3)



20,000 PSI MEDIUM PRESSURE TUBE FITTINGS & TUBING

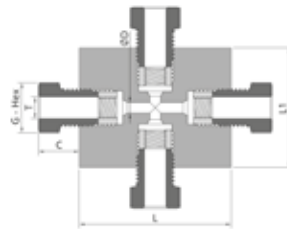
TEES

T-Tube O.D. (in)	#	Dimensions - in. (mm)						Thickness
		C	D	G	L	L1	E	
1/4	SS-TTT-2FH4	0.38 (9.7)	0.11 (2.8)	0.50 (12.7)	1.50 (38.1)	1.12 (28.4)	0.75 (19.1)	0.63 (15.9)
3/8	SS-TTT-2FH6	0.44 (11.2)	0.20 (5.1)	0.63 (15.9)	2.00 (50.8)	1.38 (34.9)	1.00 (25.4)	0.75 (19.1)
9/16	SS-TTT-2FH9	0.53 (13.5)	0.31 (7.9)	0.94 (23.8)	2.50 (63.5)	1.75 (44.5)	1.25 (31.8)	1.00 (25.4)
3/4	SS-TTT-2FH12	0.62 (15.7)	0.44 (11.1)	1.19 (30.2)	3.00 (76.2)	2.25 (57.2)	1.50 (38.1)	1.38 (34.9)
1	SS-TTT-2FH16	0.72 (18.3)	0.56 (14.3)	1.38 (34.9)	4.12 (104.6)	3.00 (76.2)	2.06 (52.3)	1.75 (44.5)



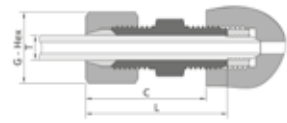
CROSSES

T-Tube O.D. (in)	#	Dimensions - in. (mm)						Thickness
		C	D	G	L	L1	E	
1/4	SS-C-2FH4	0.38 (9.7)	0.11 (2.8)	0.50 (12.7)	1.50 (38.1)	1.50 (38.1)	0.63 (15.9)	
3/8	SS-C-2FH6	0.44 (11.2)	0.20 (5.1)	0.63 (15.9)	2.00 (50.8)	2.00 (50.8)	0.75 (19.1)	
9/16	SS-C-2FH9	0.53 (13.5)	0.31 (7.9)	0.94 (23.8)	2.50 (63.5)	2.50 (63.5)	1.00 (25.4)	
3/4	SS-C-2FH12	0.62 (15.7)	0.44 (11.1)	1.19 (30.2)	3.00 (76.2)	3.00 (76.2)	1.38 (34.9)	
1	SS-C-2FH16	0.72 (18.3)	0.56 (14.3)	1.38 (34.9)	4.12 (104.6)	4.12 (104.6)	1.75 (44.5)	



ANTI-VIBRATION GLAND ASSEMBLIES

T-Tube O.D. (in)	#	Dimensions - in. (mm)		
		L	C	G
1/4	SS-AVGA-2FH4	1.19 (30.2)	0.94 (23.8)	0.63 (15.9)
3/8	SS-AVGA-2FH6	1.50 (38.1)	1.19 (30.2)	0.81 (20.6)
9/16	SS-AVGA-2FH9	1.78 (45.2)	1.41 (35.8)	0.94 (23.8)
3/4	SS-AVGA-2FH12	2.00 (50.8)	1.59 (40.4)	1.25 (31.8)
1	SS-AVGA-2FH16	2.38 (60.5)	1.69 (42.9)	1.50 (38.1)



20 SERIES TUBING

- Working pressure: 20000 psig (1379 bar)
- 316 and 304 stainless steel are standard materials. Other materials are available upon request
- Material, size and heat code are indicated on the tubing surface.

T-Tube O.D. (in)	Tx - Tube O.D. (in)	Material	#	Tolerance O.D. in. (mm)
1/4	0.109	316 SS	SS-MT-2FH4	0.248/0.243 (6.30/6.17)
1/4	0.109	304 SS	S4-MT-2FH4	0.248/0.243 (6.30/6.17)
3/8	0.203	316 SS	SS-MT-2FH6	0.370/0.365 (9.40/9.27)
3/8	0.203	304 SS	S4-MT-2FH6	0.370/0.365 (9.40/9.27)
9/16	0.312	316 SS	SS-MT-2FH9	0.557/0.552 (14.15/14.02)
9/16	0.312	304 SS	S4-MT-2FH9	0.557/0.552 (14.15/14.02)
3/4	0.438	316 SS	SS-MT-2FH12	0.745/0.740 (18.92/18.80)
3/4	0.438	304 SS	S4-MT-2FH12	0.745/0.740 (18.92/18.80)
1	0.562	316 SS	SS-MT-2FH16	0.995/0.990 (25.27/25.14)
1	0.562	304 SS	S4-MT-2FH16	0.995/0.990 (25.27/25.14)



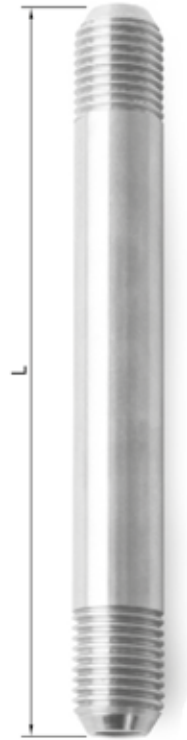
Add the actual foot (feet) / metre (metres) as a suffix to the basic Ordering number to get the complete Ordering number.



20,000 PSI MEDIUM PRESSURE TUBE FITTINGS & TUBING

CONED & THREADED NIPPLES

T-Tube O.D. (in)	Tx - Tube O.D. (in)	#	L in. (mm)
1/4	0.109	SS-CTN-2FH4-2.75	2.75 (69.9)
1/4	0.109	SS-CTN-2FH4-3	3 (76.2)
1/4	0.109	SS-CTN-2FH4-4	4 (101.6)
1/4	0.109	SS-CTN-2FH4-6	6 (152.4)
1/4	0.109	SS-CTN-2FH4-8	8 (203.2)
1/4	0.109	SS-CTN-2FH4-10	10 (254.0)
1/4	0.109	SS-CTN-2FH4-12	12 (304.8)
3/8	0.203	SS-CTN-2FH6-3	3 (76.2)
3/8	0.203	SS-CTN-2FH6-4	4 (101.6)
3/8	0.203	SS-CTN-2FH6-6	6 (152.4)
3/8	0.203	SS-CTN-2FH6-8	8 (203.2)
3/8	0.203	SS-CTN-2FH6-10	10 (254.0)
3/8	0.203	SS-CTN-2FH6-12	12 (304.8)
9/16	0.312	SS-CTN-2FH9-4	4 (101.6)
9/16	0.312	SS-CTN-2FH9-6	6 (152.4)
9/16	0.312	SS-CTN-2FH9-8	8 (203.2)
9/16	0.312	SS-CTN-2FH9-10	10 (254.0)
9/16	0.312	SS-CTN-2FH9-12	12 (304.8)
3/4	0.438	SS-CTN-2FH12-4	4 (101.6)
3/4	0.438	SS-CTN-2FH12-6	6 (152.4)
3/4	0.438	SS-CTN-2FH12-8	8 (203.2)
3/4	0.438	SS-CTN-2FH12-10	10 (254.0)
3/4	0.438	SS-CTN-2FH12-12	12 (304.8)
1	0.562	SS-CTN-2FH16-6	6 (152.4)
1	0.562	SS-CTN-2FH16-8	8 (203.2)
1	0.562	SS-CTN-2FH16-10	10 (254.0)
1	0.562	SS-CTN-2FH16-12	12 (304.8)



PART NUMBER DESCRIPTION

SS - SU - 2FH 16 - [] - [] - []

MATERIAL	FITTING TYPE	P1 CONNECTION TYPE	P1 SIZE	P3 & P4
SS 316 SS	G Gland CO Collar TP Plug U Union Coupling U Reducing Union Coupling SU Union Coupling (Slip Type) BU Bulkhead Coupling TC Cap LU Elbow TTT Tee C Cross AVGA Anti-Vibration Gland Assembly CTN Coned and Threaded Nipple	2FH 20 Series Fractional Tube 6FH 60 Series Fractional Tube	4 1/4" 6 3/8" 9 9/16" 12 3/4" 16 1"	Specify in the way same way as the P1

NB: "Part Number Description" is used for composition rules of FITOK product model, not suitable for specific product part number selection, not random combinations. If in doubt, please contact Abdex.

P1, P2, P3 and P4 shall be described in the following orders:










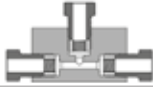



- Describe in descending order as per size if the end Connection types are the same
- Describe the end of P1 if all end connections are the same.

60,000 PSI HIGH PRESSURE TUBE FITTINGS & TUBING

FEATURES

- Pressures up to 60,000 psig (4138 bar)
- Coned and threaded connection
- Metal-to-metal seal provides perfect leak-tight service from critical vacuum to high pressure
- Anti-vibration connection components available
- Fittings are easy to disconnect and retighten
- Material is high tensile 316 stainless steel
- Every fittings is stamped with size, material and heat code

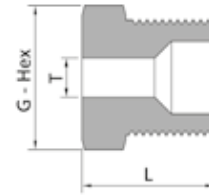


CONFIGURATION	FITTING TYPE	EXAMPLE
	Gland	SS-G-6FH4
	Collar	SS-CO-6FH6
	Plug	SS-TP-6FH9
	Union Coupling	SS-U-6FH12
	Reducing Union Coupling	SS-U-2FH6-6FH4
	Union Coupling (Slip Type)	SS-SU-6FH16
	Bulkhead Coupling	SS-BU-6FH6
	Cap	SS-TC-6FH6
	Elbow	SS-LU-6FH9
	Tee	SS-TTT-6FH12
	Cross	SS-C-6FH4
	Anti-Vibration Gland Assembly	SS-AVGA-6FH9
	Coned and Threaded Nipple	SS-CTN-6FH6-10

60,000 PSI HIGH PRESSURE TUBE FITTINGS & TUBING

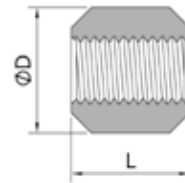
GLANDS

T-Tube O.D. (in)	#	Dimensions - in. (mm)	
		G	L
1/4	SS-G-6FH4	0.63 (15.9)	0.82 (20.8)
3/8	SS-G-6FH6	0.81 (20.6)	1.13 (28.7)
9/16	SS-G-6FH9	1.19 (30.2)	1.50 (38.1)



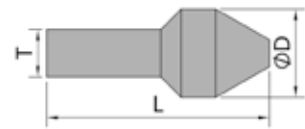
COLLARS

T-Tube O.D. (in)	#	Dimensions - in. (mm)	
		D	L
1/4	SS-CO-6FH4	0.38 (9.6)	0.38 (9.6)
3/8	SS-CO-6FH6	0.50 (12.7)	0.54 (13.7)
9/16	SS-CO-6FH9	0.81 (20.6)	0.62 (15.8)



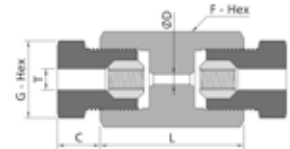
PLUGS

T-Tube O.D. (in)	#	Dimensions - in. (mm)	
		D	L
1/4	SS-TP-6FH4	0.38 (9.6)	1.04 (26.4)
3/8	SS-TP-6FH6	0.50 (12.7)	1.35 (34.3)
9/16	SS-TP-6FH9	0.81 (20.6)	1.89 (48.0)



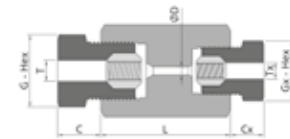
UNION COUPLINGS

T-Tube O.D. (in)	#	Dimensions - in. (mm)				
		L	C	D	G	F
1/4	SS-U-6FH4	1.38 (34.9)	0.50 (12.7)	0.09 (2.3)	0.63 (15.9)	0.75 (19.1)
3/8	SS-U-6FH6	1.75 (44.5)	0.53 (13.5)	0.13 (3.3)	0.81 (20.6)	1.00 (25.4)
9/16	SS-U-6FH9	2.19 (55.6)	0.81 (20.6)	0.19 (4.8)	1.19 (30.2)	1.38 (34.9)



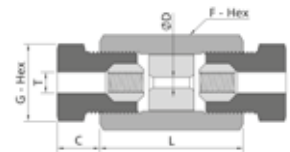
REDUCING UNION COUPLINGS

T-Tube O.D. (in)	Tx -Tube O.D. (in)	#	Dimensions - in. (mm)					
			L	C	Cx	D	G	Gx
3/8	1/4	SS-U-6FH6-6FH4	1.63 (41.3)	0.53 (13.5)	0.50 (12.7)	0.09 (2.3)	0.81 (20.6)	0.63 (15.9)
9/16	1/4	SS-U-6FH9-6FH4	1.75 (44.5)	0.81 (20.6)	0.50 (12.7)	0.09 (2.3)	1.19 (30.2)	0.63 (15.9)
9/16	3/8	SS-U-6FH9-6FH6	2.00 (50.8)	0.81 (20.6)	0.53 (13.5)	0.13 (3.3)	1.19 (30.2)	0.81 (20.6)



UNION COUPLINGS (SLIP TYPE)

T-Tube O.D. (in)	#	Dimensions - in. (mm)				
		L	C	D	G	F
1/4	SS-SU-6FH4	1.38 (34.9)	0.50 (12.7)	0.09 (2.3)	0.63 (15.9)	0.75 (19.1)
3/8	SS-SU-6FH6	1.75 (44.5)	0.53 (13.5)	0.13 (3.3)	0.81 (20.6)	1.00 (25.4)
9/16	SS-SU-6FH9	2.19 (55.6)	0.81 (20.6)	0.19 (4.8)	1.19 (30.2)	1.38 (34.9)

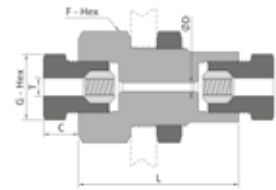


FITOK
Valves and Fittings

60,000 PSI HIGH PRESSURE TUBE FITTINGS & TUBING

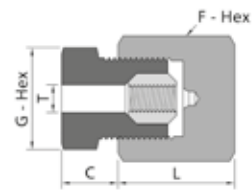
BULKHEAD COUPLINGS

T-Tube O.D. (in)	#	Dimensions - in. (mm)						
		L	C	D	G	F	Panel hole size	Max. panel thickness
1/4	SS-BU-6FH4	1.88 (47.8)	0.50 (12.7)	0.09 (2.3)	0.63 (15.9)	1.06 (27.0)	0.94 (23.9)	0.38 (9.7)
3/8	SS-BU-6FH6	2.38 (60.5)	0.53 (13.5)	0.13 (3.3)	0.81 (20.6)	1.38 (34.9)	1.13 (28.6)	0.38 (9.7)
9/16	SS-BU-6FH9	2.75 (69.9)	0.81 (20.6)	0.19 (4.8)	1.19 (30.2)	1.88 (47.6)	1.69 (42.9)	0.38 (9.7)



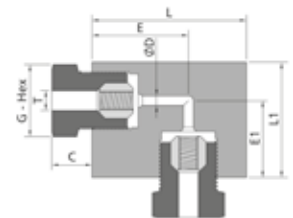
CAPS

T-Tube O.D. (in)	#	Dimensions - in. (mm)			
		L	C	G	F
1/4	SS-TC-6FH4	0.75 (19.1)	0.50 (12.7)	0.63 (15.9)	0.75 (19.1)
3/8	SS-TC-6FH6	1.13 (28.6)	0.53 (13.5)	0.81 (20.6)	1.00 (25.4)
9/16	SS-TC-6FH9	1.38 (34.9)	0.81 (20.6)	1.19 (30.2)	1.38 (34.9)



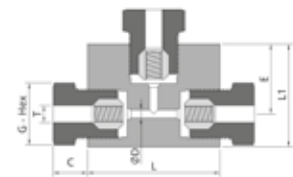
ELBOWS

T-Tube O.D. (in)	#	Dimensions - in. (mm)						
		C	D	G	L	E	L1	E1
1/4	SS-LU-6FH4	0.50 (12.7)	0.09 (2.3)	0.63 (15.9)	1.50 (38.1)	0.88 (22.4)	1.00 (25.4)	0.62 (15.7)
3/8	SS-LU-6FH6	0.53 (13.5)	0.13 (3.3)	0.81 (20.6)	2.00 (50.8)	1.25 (31.8)	1.50 (38.1)	1.00 (25.4)
9/16	SS-LU-6FH9	0.81 (20.6)	0.19 (4.8)	1.19 (30.2)	2.62 (66.5)	1.88 (47.8)	1.88 (47.8)	1.12 (28.4)



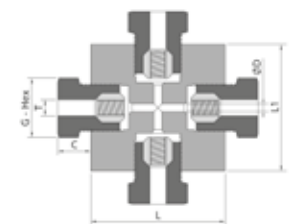
TEES

T-Tube O.D. (in)	#	Dimensions - in. (mm)						
		C	D	G	L	L1	E	Thickness
1/4	SS-TTT-6FH4	0.50 (12.7)	0.09 (2.3)	0.63 (15.9)	2.00 (50.8)	1.25 (31.8)	0.88 (22.4)	0.75 (19.1)
3/8	SS-TTT-6FH6	0.53 (13.5)	0.13 (3.3)	0.81 (20.6)	2.00 (50.8)	1.56 (39.6)	1.06 (26.9)	1.00 (25.4)
9/16	SS-TTT-6FH9	0.81 (20.6)	0.19 (4.8)	1.19 (30.2)	2.62 (66.5)	2.12 (53.8)	1.38 (35.0)	1.50 (38.1)



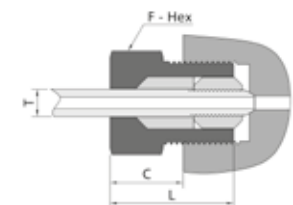
CROSSES

T-Tube O.D. (in)	#	Dimensions - in. (mm)					
		C	D	G	L	L1	Thickness
1/4	SS-C-6FH4	0.50 (12.7)	0.09 (2.3)	0.63 (15.9)	2.00 (50.8)	1.25 (31.8)	0.75 (19.1)
3/8	SS-C-6FH6	0.53 (13.5)	0.13 (3.3)	0.81 (20.6)	2.00 (50.8)	2.12 (53.8)	1.00 (25.4)
9/16	SS-C-6FH9	0.81 (20.6)	0.19 (4.8)	1.19 (30.2)	2.62 (66.5)	2.75 (69.9)	1.50 (38.1)



ANTI-VIBRATION GLAND ASSEMBLIES

T-Tube O.D. (in)	#	Dimensions - in. (mm)		
		L	C	G
1/4	SS-AVGA-6FH4	0.81 (20.6)	0.50 (12.7)	0.63 (15.9)
3/8	SS-AVGA-6FH6	1.12 (28.4)	0.62 (15.7)	0.81 (20.6)
9/16	SS-AVGA-6FH9	1.50 (38.1)	1.00 (25.4)	1.19 (30.2)



60,000 PSI HIGH PRESSURE TUBE FITTINGS & TUBING

CONED & THREADED NIPPLES

T-Tube O.D. (in)	Tx - Tube O.D. (in)	#	L in. (mm)
1/4	0.083	SS-CTN-6FH4-2.75	2.75 (69.9)
1/4	0.083	SS-CTN-6FH4-3	3 (76.2)
1/4	0.083	SS-CTN-6FH4-4	4 (101.6)
1/4	0.083	SS-CTN-6FH4-6	6 (152.4)
1/4	0.083	SS-CTN-6FH4-8	8 (203.2)
1/4	0.083	SS-CTN-6FH4-10	10 (254.0)
1/4	0.083	SS-CTN-6FH4-12	12 (304.8)
3/8	0.125	SS-CTN-6FH6-3	3 (76.2)
3/8	0.125	SS-CTN-6FH6-4	4 (101.6)
3/8	0.125	SS-CTN-6FH6-6	6 (152.4)
3/8	0.125	SS-CTN-6FH6-8	8 (203.2)
3/8	0.125	SS-CTN-6FH6-10	10 (254.0)
3/8	0.125	SS-CTN-6FH6-12	12 (304.8)
9/16	0.188	SS-CTN-6FH9-4	4 (101.6)
9/16	0.188	SS-CTN-6FH9-6	6 (152.4)
9/16	0.188	SS-CTN-6FH9-8	8 (203.2)
9/16	0.188	SS-CTN-6FH9-10	10 (254.0)
9/16	0.188	SS-CTN-6FH9-12	12 (304.8)



60 SERIES TUBING

- Working pressure: 60000 psig (4137 bar).
- 316 and 304 stainless steel are standard materials. Other materials are available upon request.
- Material, size and heat code are indicated on the tubing surface.

T-Tube O.D. (in)	Tx - Tube O.D. (in)	Material	#	Tolerance O.D. in. (mm)
1/4	0.083	316 SS	SS-HT-6FH4	0.248/0.243 (6.30/6.17)
1/4	0.083	304 SS	S4-HT-6FH4	0.248/0.243 (6.30/6.17)
3/8	0.125	316 SS	SS-HT-6FH6	0.370/0.365 (9.40/9.27)
3/8	0.125	304 SS	S4-HT-6FH4	0.370/0.365 (9.40/9.27)
9/16	0.188	316 SS	SS-HT-6FH9	0.557/0.552 (14.15/14.02)
9/16	0.188	304 SS	S4-HT-6FH4	0.557/0.552 (14.15/14.02)



Add the actual foot (feet) / metre (metres) as a suffix to the basic Ordering number to get the complete Ordering number.

60,000 PSI HIGH PRESSURE PART NUMBER DESCRIPTION

SS - SU - FH8 16 - - -

MATERIAL		FITTING TYPE		P1 CONNECTION TYPE		P1 SIZE		P3 & P4
SS	316 SS	G	Gland	2FH	20 Series Fractional Tube	4	1/4"	Specify in the way same way as the P1
		CO	Collar	6FH	60 Series Fractional Tube	6	3/8"	
		TP	Plug			9	9/16"	
		U	Union Coupling			12	3/4"	
		U	Reducing Union Coupling			16	1"	
		SU	Union Coupling (Slip Type)					
		BU	Bulkhead Coupling					
		TC	Cap					
		LU	Elbow					
		TTT	Tee					
		C	Cross					
		AVGA	Anti-Vibration Gland Assembly					
		CTN	Coned and Threaded Nipple					

NB: "Part Number Description" is used for composition rules of Abdex product model, not suitable for specific product part number selection, not random combinations. If in doubt, please contact Abdex.

P1, P2, P3 and P4 shall be described in the following orders:

- Describe in descending order as per size if the end Connection types are the same
- Describe the end of P1 if all end connections are the same

HIGH PRESSURE TOOLS TOOLING

CONING TOOLS

- For preparing a "cone" on the 20 and 60 series tubing ends.

Tube O.D x I.D (in.)	Ordering number
1/4 x 0.109	HCT-M4
3/8 x 0.203	HCT-M6
9/16 x 0.312	HCT-M9
1/4 x 0.083	HCT-H4
3/8 x 0.125	HCT-H6
9/16 x 0.188	HCT-H9



THREADING TOOLS

- For preparing a left hand thread on the 20 and 60 series tubing ends.

Tube O.D x I.D (in.)	Ordering number	Thread size (Left Hand)
1/4	HTT-4	1/4-28 UNF
3/8	HTT-6	3/8-24 UNF
9/16	HTT-9	9/16-18 UNF



RESEATING TOOLS

- For repairing the damaged tube connector seats in 20 and 60 series tube fittings and valves.

Connection size (in.)	Connection type	Ordering number
1/4	2FH4	HRT-M4
3/8	2FH6	HRT-M6
9/16	2FH9	HRT-M9
3/4	2FH12	HRT-M12
1	2FH16	HRT-M16
1/4	6FH4	HRT-H4
3/8	6FH6	HRT-H6
9/16	6FH9	HRT-H9



MANUAL PRESETTING TOOLS

Tube O.D (in.)	Ordering number
1/8	PST-2
1/4	PST-4
3/8	PST-6
1/2	PST-8



HIGH PRESSURE HYDRAULIC PRESETTING TOOLS

Tube O.D (in.)	Ordering number
1/2, 9/16, 3/4	HPT-HF
Choose your needs from Die Heads e.g. HPT-H+HPT-H-FH8	HPT-H+U



DIE HEADS

Tube O.D (in.)	Ordering number
1/2	HPT-H-FH8
9/16	HPT-H-FH9
3/4	HPT-H-FH12



