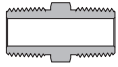


6P Series Pipe Fittings



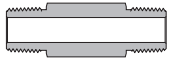
Contents

Hex Nipples - PHN



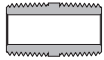
A-119

Hex Long Nipples - PLN



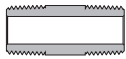
A-123

Close Nipples - PCN



A-124

Special Pipe Nipples - PSN



A-124

Adapters - PA



A-125

Reducing Bushings - PRB



A-128

Hex Couplings - PCG



A-131

Union Ball Joints - UBJ



A-132

Male Elbows - PME



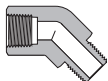
A-132

Street Elbows - PSE



A-133

45° Street Elbows - PSV



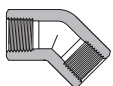
A-135

Female Elbows - PE



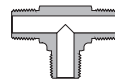
A-137

45° Female Elbows - PVE



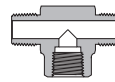
A-138

Male Tees - PMT



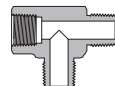
A-139

Female Branch Tees - PTB



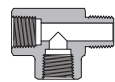
A-140

Female Run Tees - PTR



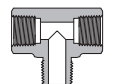
A-140

Male Street Tees - PST



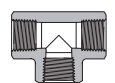
A-141

Male Branch Tees - PBT



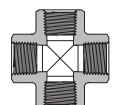
A-142

Female Tees - PT



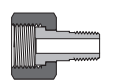
A-143

Female Crosses - PCR



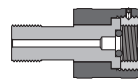
A-144

Pipe to Pipe Unions - PUP



A-144

Hand Tight Adapter Fittings - HF



A-145

Pipe Plugs - PP



A-146

Hollow Hex Plugs - PI



A-147

Pipe Caps - PC



A-148

Ordering Number Description A-149

Features

- ⦿ The hardened threads with smooth surface finishing avoid galling and help to extend the fitting service life
- ⦿ Radius junction design for elbows provides smooth flow path
- ⦿ Every fitting is marked with size, material and heat number

Technical Data

- ⦿ Sizes range from 1/16 to 2
- ⦿ Thread Specifications:

Thread Type	Specification
NPT	ASME B1.20.1, SAE A571051
ISO Tapered	ISO 7-1, BS 21, JIS B0203
ISO Parallel	ISO 228, JIS B0202
SAE/MS	ASME B1.1, SAE J475
Metric	ISO 261

- ⦿ Working Temperature:

For the working temperatures of FITOK pipe fittings, please see A-10.

- ⦿ Working Pressure:

1. Catalog working pressures shown are based on ANSI/ASME B31.3 at ambient temperature, to determine working pressures in accordance with ANSI/ASME B31.1 multiply catalog working pressures shown by the factor from the table below.

Material	Factor
Stainless steel	0.94
Carbon steel	0.85
Brass	1.0

2. Use the allowable working pressure at ambient temperature to multiply the elevated temperature factors to get the working pressure at elevated temperature. To know the elevated temperature factor, please see F-14.
3. For technical information of NPT thread and ISO tapered thread, please see page A-06 and A-07.

Materials

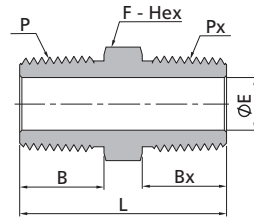
Material	Bar Stock	Forging	Designator
316 stainless steel	ASTM A276, ASME SA479, EN 1.4401	ASTM A182, ASME SA182, EN 1.4401	SS
304 stainless steel	ASTM A276, ASME SA479, EN 1.4301	ASTM A182, ASME SA182, EN 1.4301	S4
Alloy 400	ASTM B164, ASME SB164	ASTM B564, ASME SB564	M
Alloy 600	ASTM B166, ASME SB166	ASTM B564, ASME SB564	INC
Alloy C-276	ASTM B574	ASTM B564,	HC
Brass	ASME B16/ASTM B453	ASTM B283	B
Carbon steel	ASTM A108	ASTM A105	CS
904L stainless steel	ASTM B649	ASTM A182	904L

Cautions

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

Dimensions

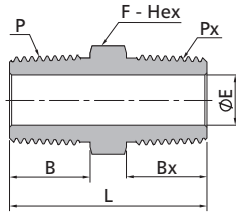
Hex Nipples



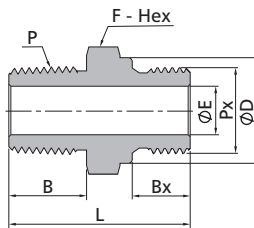
Male NPT Threads									
P-NPT Size	Px-NPT Size	Basic Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)	
			L	F	B	Bx	E	316 SS, Steel	Brass
1/16	1/16	-PHN-NS1	1.01 (25.6)	0.31 (7.9)	0.38 (9.7)	0.38 (9.7)	0.12 (3.0)	11000 (757)	5500 (378)
1/8	1/16	-PHN-NS2-NS1	1.01 (25.6)	0.44 (11.1)	0.38 (9.7)	0.38 (9.7)	0.12 (3.0)	11000 (757)	5500 (378)
1/8	1/8	-PHN-NS2	1.01 (25.6)	0.44 (11.1)	0.38 (9.7)	0.38 (9.7)	0.19 (4.8)	10000 (690)	5000 (344)
1/4	1/16	-PHN-NS4-NS1	1.22 (31.0)	0.56 (14.3)	0.56 (14.2)	0.38 (9.7)	0.12 (3.0)	9500 (655)	4700 (324)
1/4	1/8	-PHN-NS4-NS2	1.22 (31.0)	0.56 (14.3)	0.56 (14.2)	0.38 (9.7)	0.19 (4.8)	9500 (655)	4700 (324)
1/4	1/4	-PHN-NS4	1.40 (35.6)	0.56 (14.3)	0.56 (14.2)	0.56 (14.2)	0.28 (7.1)	8000 (551)	4000 (275)
3/8	1/16	-PHN-NS6-NS1	1.25 (31.8)	0.69 (17.5)	0.56 (14.2)	0.38 (9.7)	0.12 (3.0)	7800 (537)	3900 (268)
3/8	1/8	-PHN-NS6-NS2	1.25 (31.8)	0.69 (17.5)	0.56 (14.2)	0.38 (9.7)	0.19 (4.8)	7800 (537)	3900 (268)
3/8	1/4	-PHN-NS6-NS4	1.43 (36.3)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	0.28 (7.1)	8000 (551)	4000 (275)
3/8	3/8	-PHN-NS6	1.43 (36.3)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	0.38 (9.7)	7800 (537)	3900 (268)
1/2	1/8	-PHN-NS8-NS2	1.47 (37.3)	0.87 (22.2)	0.75 (19.1)	0.38 (9.7)	0.19 (4.8)	7700 (530)	3800 (261)
1/2	1/4	-PHN-NS8-NS4	1.65 (41.9)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	0.28 (7.1)	8000 (551)	4000 (275)
1/2	3/8	-PHN-NS8-NS6	1.65 (41.9)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	0.38 (9.7)	7800 (537)	3900 (268)
1/2	1/2	-PHN-NS8	1.84 (46.7)	0.87 (22.2)	0.75 (19.1)	0.75 (19.1)	0.47 (11.9)	7700 (530)	3800 (261)
3/4	1/8	-PHN-NS12-NS2	1.59 (40.4)	1.06 (27.0)	0.75 (19.1)	0.38 (9.7)	0.19 (4.8)	7300 (502)	3600 (248)
3/4	1/4	-PHN-NS12-NS4	1.65 (41.9)	1.06 (27.0)	0.75 (19.1)	0.56 (14.2)	0.28 (7.1)	8000 (551)	4000 (275)
3/4	3/8	-PHN-NS12-NS6	1.78 (45.2)	1.06 (27.0)	0.75 (19.1)	0.56 (14.2)	0.38 (9.7)	7800 (537)	3900 (268)
3/4	1/2	-PHN-NS12-NS8	1.84 (46.7)	1.06 (27.0)	0.75 (19.1)	0.75 (19.1)	0.47 (11.9)	7700 (530)	3800 (261)
3/4	3/4	-PHN-NS12	1.84 (46.7)	1.06 (27.0)	0.75 (19.1)	0.75 (19.1)	0.62 (15.7)	7300 (502)	3600 (248)
1	1/8	-PHN-NS16-NS2	1.78 (45.2)	1.37 (34.9)	0.94 (23.9)	0.38 (9.7)	0.19 (4.8)	6500 (448)	3300 (227)
1	1/4	-PHN-NS16-NS4	1.94 (49.3)	1.37 (34.9)	0.94 (23.9)	0.56 (14.2)	0.28 (7.1)	5300 (365)	2600 (179)
1	3/8	-PHN-NS16-NS6	1.97 (50.0)	1.37 (34.9)	0.94 (23.9)	0.56 (14.2)	0.38 (9.7)	6500 (448)	3300 (227)
1	1/2	-PHN-NS16-NS8	2.13 (54.1)	1.37 (34.9)	0.94 (23.9)	0.75 (19.1)	0.47 (11.9)	6500 (448)	3300 (227)
1	3/4	-PHN-NS16-NS12	2.13 (54.1)	1.37 (34.9)	0.94 (23.9)	0.75 (19.1)	0.62 (15.7)	6500 (448)	3300 (227)
1	1	-PHN-NS16	2.32 (58.9)	1.37 (34.9)	0.94 (23.9)	0.94 (23.9)	0.88 (22.4)	5300 (365)	2600 (179)
1 1/4	1	-PHN-NS20-NS16	2.45 (62.2)	1.75 (44.5)	0.94 (23.9)	0.94 (23.9)	0.88 (22.4)	5300 (365)	2600 (179)
1 1/4	1 1/4	-PHN-NS20	2.48 (62.9)	1.75 (44.5)	0.94 (23.9)	0.94 (23.9)	1.13 (28.6)	6000 (410)	3000 (200)
1 1/2	1 1/2	-PHN-NS24	2.61 (66.3)	2.00 (50.8)	1.03 (26.2)	1.03 (26.2)	1.34 (34.0)	5000 (344)	2500 (172)
2	2	-PHN-NS32	3.06 (77.7)	2.50 (63.5)	1.06 (26.9)	1.06 (26.9)	1.77 (45.0)	3900 (268)	1900 (130)

Male ISO Tapered Threads									
P-RT Size	Px-RT Size	Basic Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)	
			L	F	B	Bx	E	316 SS, Steel	Brass
1/8	1/8	-PHN-RT2	1.01 (25.6)	0.44 (11.1)	0.38 (9.7)	0.38 (9.7)	0.19 (4.8)	10000 (690)	5000 (344)
1/4	1/4	-PHN-RT4	1.40 (35.6)	0.56 (14.3)	0.56 (14.2)	0.56 (14.2)	0.28 (7.1)	8000 (551)	4000 (275)
3/8	3/8	-PHN-RT6	1.43 (36.3)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	0.38 (9.7)	7800 (537)	3900 (268)
1/2	1/2	-PHN-RT8	1.84 (46.7)	0.87 (22.2)	0.75 (19.1)	0.75 (19.1)	0.47 (11.9)	7700 (530)	3800 (261)
3/4	3/4	-PHN-RT12	1.84 (46.7)	1.06 (27.0)	0.75 (19.1)	0.75 (19.1)	0.62 (15.7)	7300 (502)	3600 (248)
1	1	-PHN-RT16	2.32 (58.9)	1.37 (34.9)	0.94 (23.9)	0.94 (23.9)	0.88 (22.4)	5300 (365)	2600 (179)

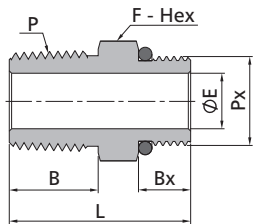
Hex Nipples



Male NPT Threads			Male ISO Tapered Threads						
P-NPT Size	Px-RT Size	Basic Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)	
			L	F	B	Bx	E	316 SS, Steel	Brass
1/8	1/8	-PHN-NS2-RT2	1.01 (25.6)	0.44 (11.1)	0.38 (9.7)	0.38 (9.7)	0.19 (4.8)	10000 (690)	5000 (344)
1/4	1/4	-PHN-NS4-RT4	1.40 (35.6)	0.56 (14.3)	0.56 (14.2)	0.56 (14.2)	0.28 (7.1)	8000 (551)	4000 (275)
3/8	3/8	-PHN-NS6-RT6	1.43 (36.3)	0.69 (17.5)	0.56 (14.2)	0.56 (14.2)	0.38 (9.7)	7800 (537)	3900 (268)
1/2	1/2	-PHN-NS8-RT8	1.84 (46.7)	0.87 (22.2)	0.75 (19.1)	0.75 (19.1)	0.47 (11.9)	7700 (530)	3800 (261)
3/4	3/4	-PHN-NS12-RT12	1.84 (46.7)	1.06 (27.0)	0.75 (19.1)	0.75 (19.1)	0.62 (15.7)	7300 (502)	3600 (248)
1	1	-PHN-NS16-RT16	2.32 (58.9)	1.37 (34.9)	0.94 (23.9)	0.94 (23.9)	0.88 (22.4)	5300 (365)	2600 (179)

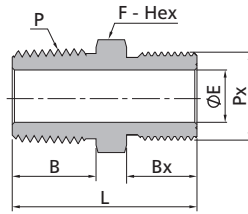


Male NPT Threads			Male ISO parallel Threads						
P-NPT Size	Px-RS Size	Basic Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)	
			L	F	B	Bx	E	D	316 SS, Steel
1/8	1/8	-PHN-NS2-RS2	1.09 (27.7)	0.56 (14.3)	0.38 (9.7)	0.28 (7.1)	0.16 (4.1)	0.54 (13.7)	9600 (662)
1/4	1/4	-PHN-NS4-RS4	1.45 (36.8)	0.75 (19.1)	0.56 (14.2)	0.44 (11.2)	0.23 (5.8)	0.71 (18.0)	10300 (709)
3/8	3/8	-PHN-NS6-RS6	1.48 (37.6)	0.87 (22.2)	0.56 (14.2)	0.44 (11.2)	0.31 (7.9)	0.85 (21.6)	7800 (537)
1/2	1/2	-PHN-NS8-RS8	1.75 (44.4)	1.06 (27.0)	0.75 (19.1)	0.56 (14.2)	0.47 (11.9)	1.02 (25.9)	7600 (523)
3/4	3/4	-PHN-NS12-RS12	1.93 (49.0)	1.31 (33.3)	0.75 (19.1)	0.62 (15.7)	0.62 (15.7)	1.26 (32.0)	7300 (502)
1	1	-PHN-NS16-RS16	2.23 (56.6)	1.63 (41.3)	0.94 (23.9)	0.72 (18.3)	0.78 (19.8)	1.53 (38.9)	7400 (509)



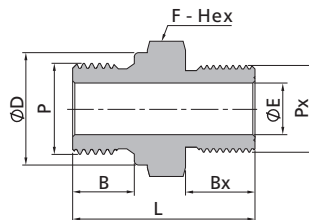
Male NPT Threads			Male SAE/MS Straight Threads (ST)						
P-NPT Size	Px-SAE Nominal Size	Px-SAE/MS Thread Specification	Basic Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)
				L	F	B	Bx	E	316 SS, Steel
1/4	4	7/16-20	-PHN-NS4-ST7	1.20 (30.5)	0.56 (14.3)	0.56 (14.2)	0.36 (9.1)	0.20 (5.1)	4500 (310)
3/8	6	9/16-18	-PHN-NS6-ST9	1.26 (32.0)	0.69 (17.5)	0.56 (14.2)	0.36 (9.1)	0.28 (7.1)	4500 (310)
1/2	8	3/4-16	-PHN-NS8-ST12	1.53 (38.9)	0.87 (22.2)	0.75 (19.1)	0.44 (11.2)	0.42 (10.7)	4500 (310)
3/4	12	1 1/16-12	-PHN-NS12-ST17	1.75 (44.4)	1.25 (31.8)	0.75 (19.1)	0.59 (15.0)	0.62 (15.7)	3600 (248)
1	16	1 5/16-12	-PHN-NS16-ST21	2.00 (50.8)	1.50 (38.1)	0.94 (23.9)	0.59 (15.0)	0.88 (22.4)	2900 (199)

Hex Nipples



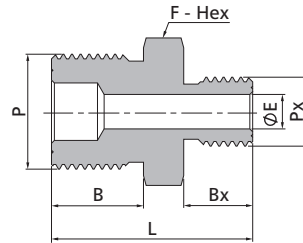
Male NPT Threads			Male Metric Threads					
P-NPT Size	Px-Metric Size	Basic Ordering Number	Dimensions, mm (in.)					Working Pressure psig (bar) 316 SS, Steel
			L	F	B	Bx	E	
1/8	M20 x 1.5	-PHN-NS2-MS20	32.7 (1.29)	22.2 (0.87)	9.7 (0.38)	16.0 (0.63)	5.0 (0.20)	7700 (530)
1/4	M8 x 1	-PHN-NS4-MS8	29.0 (1.14)	14.3 (0.56)	14.2 (0.56)	9.0 (0.35)	3.2 (0.13)	8000 (551)
1/4	M14 x 1.5	-PHN-NS4-MS14	34.2 (1.35)	15.9 (0.63)	14.2 (0.56)	13.0 (0.51)	7.0 (0.28)	8000 (551)
1/4	M16 x 1.5	-PHN-NS4-MS16	35.2 (1.39)	17.5 (0.69)	14.2 (0.56)	14.0 (0.55)	7.1 (0.28)	7800 (537)
1/4	M20 x 1.5	-PHN-NS4-MS20	37.2 (1.46)	22.2 (0.87)	14.2 (0.56)	16.0 (0.63)	7.1 (0.28)	7700 (530)
3/8	M14 x 1.5	-PHN-NS6-MS14	34.2 (1.35)	17.5 (0.69)	14.2 (0.56)	13.0 (0.51)	7.0 (0.28)	7800 (537)
3/8	M20 x 1.5	-PHN-NS6-MS20	37.2 (1.46)	22.2 (0.87)	14.2 (0.56)	16.0 (0.63)	9.5 (0.37)	7700 (530)
3/8	M24 x 1.5	-PHN-NS6-MS24	38.2 (1.50)	25.4 (1.00)	14.2 (0.56)	17.0 (0.67)	9.5 (0.37)	7400 (509)
1/2	M14 x 1.5	-PHN-NS8-MS14	39.1 (1.54)	22.2 (0.87)	19.1 (0.75)	13.0 (0.51)	7.2 (0.28)	7700 (530)
1/2	M20 x 1.5	-PHN-NS8-MS20	42.0 (1.65)	22.2 (0.87)	19.1 (0.75)	16.0 (0.63)	10.0 (0.39)	7700 (530)
1/2	M24 x 1.5	-PHN-NS8-MS24	43.5 (1.71)	25.4 (1.00)	19.1 (0.75)	17.0 (0.67)	11.9 (0.47)	7400 (509)
3/4	M20 x 1.5	-PHN-NS12-MS20	42.1 (1.66)	27.0 (1.06)	19.1 (0.75)	16.0 (0.63)	10.8 (0.43)	7300 (502)
3/4	M27 x 2	-PHN-NS12-MS27	46.7 (1.84)	31.8 (1.25)	19.1 (0.75)	18.0 (0.71)	15.8 (0.62)	6100 (420)
1	M30 x 2	-PHN-NS16-MS30	56.3 (2.22)	34.9 (1.37)	23.9 (0.94)	20.0 (0.79)	19.4 (0.76)	6100 (420)

Male ISO Tapered Threads			Male Metric Threads				
P-RT Size	Px-Metric Size	Basic Ordering Number	Dimensions, mm (in.)				
			L	F	B	Bx	E
1/8	M20 x 1.5	-PHN-RT2-MS20	32.7 (1.29)	22.2 (0.87)	9.7 (0.38)	16.0 (0.63)	5.0 (0.20)
1/4	M12 x 1.5	-PHN-RT4-MS12	33.4 (1.31)	14.3 (0.56)	14.2 (0.56)	12.0 (0.47)	6.0 (0.24)
1/4	M20 x 1.5	-PHN-RT4-MS20	37.2 (1.46)	22.2 (0.87)	14.2 (0.56)	16.0 (0.63)	7.0 (0.28)
3/8	M20 x 1.5	-PHN-RT6-MS20	37.2 (1.46)	22.2 (0.87)	14.2 (0.56)	16.0 (0.63)	9.5 (0.37)
1/2	M20 x 1.5	-PHN-RT8-MS20	42.0 (1.65)	22.2 (0.87)	19.1 (0.75)	16.0 (0.63)	10.0 (0.39)



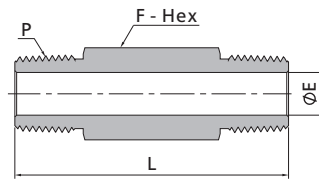
Male ISO Parallel Threads			Male Metric Threads					
P-RS Size	Px-Metric Size	Basic Ordering Number	Dimensions, mm (in.)					Working Pressure psig (bar) 316 SS, Steel
			L	F	B	Bx	E	
1/8	M20 x 1.5	-PHN-RS2-MS20	32.6 (1.28)	22.2 (0.87)	7.1 (0.28)	16.0 (0.63)	4.0 (0.16)	13.7 (0.54)
1/4	M18 x 1.5	-PHN-RS4-MS18	34.2 (1.35)	20.6 (0.81)	11.2 (0.44)	15.0 (0.59)	5.9 (0.23)	18.0 (0.71)
1/4	M20 x 1.5	-PHN-RS4-MS20	37.2 (1.46)	22.2 (0.87)	11.2 (0.44)	16.0 (0.63)	5.9 (0.23)	18.0 (0.71)
3/8	M20 x 1.5	-PHN-RS6-MS20	37.2 (1.46)	22.2 (0.87)	11.2 (0.44)	16.0 (0.63)	7.9 (0.31)	21.6 (0.85)
1/2	M20 x 1.5	-PHN-RS8-MS20	40.2 (1.58)	27.0 (1.06)	14.0 (0.55)	16.0 (0.63)	11.9 (0.47)	25.9 (1.02)

Hex Nipples



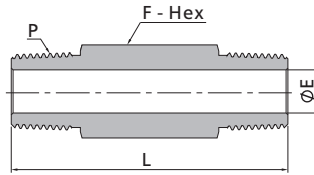
Male Metric Threads									
P-Metric Size	Px-Metric Size	Basic Ordering Number	Dimensions, mm (in.)					Working Pressure psig (bar) 316 SS, Steel	
			L	F	B	Bx	E		
M20 x 1.5	M10 x 1	-PHN-MS20-MS10	34.0 (1.34)	22.0 (0.87)	16.0 (0.63)	11.0 (0.43)	4.0 (0.16)	10000 (690)	
M20 x 1.5	M12 x 1.5	-PHN-MS20-MS12	35.0 (1.38)	22.0 (0.87)	16.0 (0.63)	12.0 (0.47)	6.0 (0.24)	9000 (620)	
M20 x 1.5	M14 x 1.5	-PHN-MS20-MS14	36.0 (1.42)	22.0 (0.87)	16.0 (0.63)	13.0 (0.51)	7.2 (0.28)	8000 (551)	
M20 x 1.5	M16 x 1.5	-PHN-MS20-MS16	37.0 (1.46)	22.0 (0.87)	16.0 (0.63)	14.0 (0.55)	9.0 (0.35)	7800 (537)	
M20 x 1.5	M20 x 1.5	-PHN-MS20	39.0 (1.54)	22.0 (0.87)	16.0 (0.63)	16.0 (0.63)	10.8 (0.43)	7700 (530)	
M27 x 2	M27 x 2	-PHN-MS27	44.5 (1.75)	30.0 (1.18)	18.0 (0.71)	18.0 (0.71)	16.1 (0.63)	7300 (502)	

Hex Long Nipples



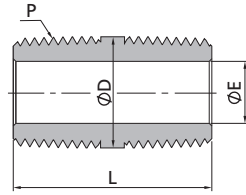
Male NPT Threads						
P-NPT Size	Basic Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)	
		L	F	E	316 SS, Steel	Brass
1/8	-PLN-NS2-1.5	1.50 (38.1)	0.44 (11.1)	0.19 (4.8)	10000 (690)	5000 (344)
1/8	-PLN-NS2-2	2.00 (50.8)	0.44 (11.1)	0.19 (4.8)	10000 (690)	5000 (344)
1/8	-PLN-NS2-2.5	2.50 (63.5)	0.44 (11.1)	0.19 (4.8)	10000 (690)	5000 (344)
1/8	-PLN-NS2-3	3.00 (76.2)	0.44 (11.1)	0.19 (4.8)	10000 (690)	5000 (344)
1/4	-PLN-NS4-1.5	1.50 (38.1)	0.56 (14.3)	0.28 (7.1)	8000 (551)	4000 (275)
1/4	-PLN-NS4-2	2.00 (50.8)	0.56 (14.3)	0.28 (7.1)	8000 (551)	4000 (275)
1/4	-PLN-NS4-2.5	2.50 (63.5)	0.56 (14.3)	0.28 (7.1)	8000 (551)	4000 (275)
1/4	-PLN-NS4-3	3.00 (76.2)	0.56 (14.3)	0.28 (7.1)	8000 (551)	4000 (275)
1/4	-PLN-NS4-4	4.00 (101.6)	0.56 (14.3)	0.28 (7.1)	8000 (551)	4000 (275)
3/8	-PLN-NS6-1.5	1.50 (38.1)	0.69 (17.5)	0.38 (9.7)	7800 (537)	3900 (268)
3/8	-PLN-NS6-2	2.00 (50.8)	0.69 (17.5)	0.38 (9.7)	7800 (537)	3900 (268)
3/8	-PLN-NS6-2.5	2.50 (63.5)	0.69 (17.5)	0.38 (9.7)	7800 (537)	3900 (268)
3/8	-PLN-NS6-3	3.00 (76.2)	0.69 (17.5)	0.38 (9.7)	7800 (537)	3900 (268)
3/8	-PLN-NS6-4	4.00 (101.6)	0.69 (17.5)	0.38 (9.7)	7800 (537)	3900 (268)
1/2	-PLN-NS8-2	2.00 (50.8)	0.87 (22.2)	0.47 (11.9)	7700 (530)	3800 (261)
1/2	-PLN-NS8-3	3.00 (76.2)	0.87 (22.2)	0.47 (11.9)	7700 (530)	3800 (261)
1/2	-PLN-NS8-4	4.00 (101.6)	0.87 (22.2)	0.47 (11.9)	7700 (530)	3800 (261)
1/2	-PLN-NS8-6	6.00 (152.4)	0.87 (22.2)	0.47 (11.9)	7700 (530)	3800 (261)
3/4	-PLN-NS12-2	2.00 (50.8)	1.06 (27.0)	0.62 (15.7)	7300 (502)	3600 (248)
3/4	-PLN-NS12-3	3.00 (76.2)	1.06 (27.0)	0.62 (15.7)	7300 (502)	3600 (248)
3/4	-PLN-NS12-4	4.00 (101.6)	1.06 (27.0)	0.62 (15.7)	7300 (502)	3600 (248)
1	-PLN-NS16-3	3.00 (76.2)	1.37 (34.9)	0.88 (22.4)	5300 (365)	2600 (179)
1	-PLN-NS16-4	4.00 (101.6)	1.37 (34.9)	0.88 (22.4)	5300 (365)	2600 (179)

Hex Long Nipples



Male ISO Tapered Threads						
P-RT Size	Basic Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)	
		L	F	E	316 SS, Steel	Brass
1/8	-PLN-RT2-1.5	1.50 (38.1)	0.44 (11.1)	0.19 (4.8)	10000 (690)	5000 (344)
1/8	-PLN-RT2-2	2.00 (50.8)	0.44 (11.1)	0.19 (4.8)	10000 (690)	5000 (344)
1/8	-PLN-RT2-2.5	2.50 (63.5)	0.44 (11.1)	0.19 (4.8)	10000 (690)	5000 (344)
1/8	-PLN-RT2-3	3.00 (76.2)	0.44 (11.1)	0.19 (4.8)	10000 (690)	5000 (344)
1/4	-PLN-RT4-1.5	1.50 (38.1)	0.56 (14.3)	0.28 (7.1)	8000 (551)	4000 (275)
1/4	-PLN-RT4-2	2.00 (50.8)	0.56 (14.3)	0.28 (7.1)	8000 (551)	4000 (275)
1/4	-PLN-RT4-2.5	2.50 (63.5)	0.56 (14.3)	0.28 (7.1)	8000 (551)	4000 (275)
1/4	-PLN-RT4-3	3.00 (76.2)	0.56 (14.3)	0.28 (7.1)	8000 (551)	4000 (275)
1/4	-PLN-RT4-4	4.00 (101.6)	0.56 (14.3)	0.28 (7.1)	8000 (551)	4000 (275)
3/8	-PLN-RT6-1.5	1.50 (38.1)	0.69 (17.5)	0.38 (9.7)	7800 (537)	3900 (268)
3/8	-PLN-RT6-2	2.00 (50.8)	0.69 (17.5)	0.38 (9.7)	7800 (537)	3900 (268)
3/8	-PLN-RT6-2.5	2.50 (63.5)	0.69 (17.5)	0.38 (9.7)	7800 (537)	3900 (268)
3/8	-PLN-RT6-3	3.00 (76.2)	0.69 (17.5)	0.38 (9.7)	7800 (537)	3900 (268)
3/8	-PLN-RT6-4	4.00 (101.6)	0.69 (17.5)	0.38 (9.7)	7800 (537)	3900 (268)
1/2	-PLN-RT8-2	2.00 (50.8)	0.87 (22.2)	0.47 (11.9)	7700 (530)	3800 (261)
1/2	-PLN-RT8-3	3.00 (76.2)	0.87 (22.2)	0.47 (11.9)	7700 (530)	3800 (261)
1/2	-PLN-RT8-4	4.00 (101.6)	0.87 (22.2)	0.47 (11.9)	7700 (530)	3800 (261)
1/2	-PLN-RT8-6	6.00 (152.4)	0.87 (22.2)	0.47 (11.9)	7700 (530)	3800 (261)
3/4	-PLN-RT12-2	2.00 (50.8)	1.06 (27.0)	0.62 (15.7)	7300 (502)	3600 (248)
3/4	-PLN-RT12-3	3.00 (76.2)	1.06 (27.0)	0.62 (15.7)	7300 (502)	3600 (248)
3/4	-PLN-RT12-4	4.00 (101.6)	1.06 (27.0)	0.62 (15.7)	7300 (502)	3600 (248)
1	-PLN-RT16-3	3.00 (76.2)	1.37 (34.9)	0.88 (22.4)	5300 (365)	2600 (179)
1	-PLN-RT16-4	4.00 (101.6)	1.37 (34.9)	0.88 (22.4)	5300 (365)	2600 (179)

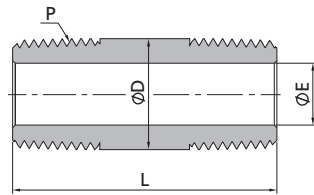
Close Nipples


 Pipe Fittings
Weld Fittings

Male NPT Threads						
P-NPT Size	Basic Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)	
		L	D	E	316 SS, Steel	Brass
1/16	-PCN-NS1	0.75 (19.1)	0.31 (7.9)	0.12 (3.0)	11000 (757)	5500 (378)
1/8	-PCN-NS2	0.75 (19.1)	0.41 (10.3)	0.19 (4.8)	10000 (690)	5000 (344)
1/4	-PCN-NS4	1.12 (28.4)	0.54 (13.7)	0.28 (7.1)	8000 (551)	4000 (275)
3/8	-PCN-NS6	1.12 (28.4)	0.67 (17.1)	0.38 (9.6)	7800 (537)	3900 (268)
1/2	-PCN-NS8	1.50 (38.1)	0.84 (21.3)	0.47 (11.9)	7700 (530)	3800 (261)
3/4	-PCN-NS12	1.50 (38.1)	1.05 (26.7)	0.62 (15.7)	7300 (502)	3600 (248)
1	-PCN-NS16	1.88 (47.8)	1.31 (33.4)	0.88 (22.4)	5300 (365)	2600 (179)

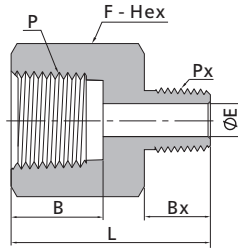
Male ISO Tapered Threads						
P-RT Size	Basic Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)	
		L	D	E	316 SS, Steel	Brass
1/16	-PCN-RT1	0.75 (19.1)	0.31 (7.9)	0.12 (3.0)	11000 (757)	5500 (378)
1/8	-PCN-RT2	0.75 (19.1)	0.41 (10.3)	0.19 (4.8)	10000 (690)	5000 (344)
1/4	-PCN-RT4	1.12 (28.4)	0.54 (13.7)	0.28 (7.1)	8000 (551)	4000 (275)
3/8	-PCN-RT6	1.12 (28.4)	0.67 (17.1)	0.38 (9.7)	7800 (537)	3900 (268)
1/2	-PCN-RT8	1.50 (38.1)	0.84 (21.3)	0.47 (11.9)	7700 (530)	3800 (261)
3/4	-PCN-RT12	1.50 (38.1)	1.05 (26.7)	0.62 (15.7)	7300 (502)	3600 (248)
1	-PCN-RT16	1.88 (47.8)	1.31 (33.4)	0.88 (22.4)	5300 (365)	2600 (179)

Special Pipe Nipples



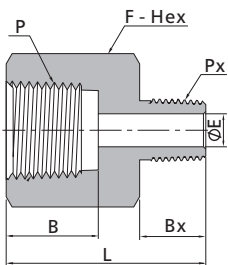
Male NPT Threads						
P-NPT Size	Basic Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)	
		L	D	E	316 SS, Steel	Brass
1/8	-PSN-NS2-1.5	1.50 (38.1)	0.41 (10.3)	0.19 (4.8)	10000 (690)	5000 (344)
1/8	-PSN-NS2-2	2.00 (50.8)	0.41 (10.3)	0.19 (4.8)	10000 (690)	5000 (344)
1/8	-PSN-NS2-2.5	2.50 (63.5)	0.41 (10.3)	0.19 (4.8)	10000 (690)	5000 (344)
1/8	-PSN-NS2-3	3.00 (76.2)	0.41 (10.3)	0.19 (4.8)	10000 (690)	5000 (344)
1/4	-PSN-NS4-1.5	1.50 (38.1)	0.54 (13.7)	0.28 (7.1)	8000 (551)	4000 (275)
1/4	-PSN-NS4-2	2.00 (50.8)	0.54 (13.7)	0.28 (7.1)	8000 (551)	4000 (275)
1/4	-PSN-NS4-2.5	2.50 (63.5)	0.54 (13.7)	0.28 (7.1)	8000 (551)	4000 (275)
1/4	-PSN-NS4-3	3.00 (76.2)	0.54 (13.7)	0.28 (7.1)	8000 (551)	4000 (275)
1/4	-PSN-NS4-4	4.00 (101.6)	0.54 (13.7)	0.28 (7.1)	8000 (551)	4000 (275)
3/8	-PSN-NS6-1.5	1.50 (38.1)	0.67 (17.1)	0.38 (9.7)	7800 (537)	3900 (268)
3/8	-PSN-NS6-2	2.00 (50.8)	0.67 (17.1)	0.38 (9.7)	7800 (537)	3900 (268)
3/8	-PSN-NS6-2.5	2.50 (63.5)	0.67 (17.1)	0.38 (9.7)	7800 (537)	3900 (268)
3/8	-PSN-NS6-3	3.00 (76.2)	0.67 (17.1)	0.38 (9.7)	7800 (537)	3900 (268)
3/8	-PSN-NS6-4	4.00 (101.6)	0.67 (17.1)	0.38 (9.7)	7800 (537)	3900 (268)
1/2	-PSN-NS8-2	2.00 (50.8)	0.84 (21.3)	0.47 (11.9)	7700 (530)	3800 (261)
1/2	-PSN-NS8-3	3.00 (76.2)	0.84 (21.3)	0.47 (11.9)	7700 (530)	3800 (261)
1/2	-PSN-NS8-4	4.00 (101.6)	0.84 (21.3)	0.47 (11.9)	7700 (530)	3800 (261)
1/2	-PSN-NS8-6	6.00 (152.4)	0.84 (21.3)	0.47 (11.9)	7700 (530)	3800 (261)
3/4	-PSN-NS12-2	2.00 (50.8)	1.05 (26.7)	0.62 (15.7)	7300 (502)	3600 (248)
3/4	-PSN-NS12-3	3.00 (76.2)	1.05 (26.7)	0.62 (15.7)	7300 (502)	3600 (248)
3/4	-PSN-NS12-4	4.00 (101.6)	1.05 (26.7)	0.62 (15.7)	7300 (502)	3600 (248)
1	-PSN-NS16-3	3.00 (76.2)	1.31 (33.4)	0.88 (22.4)	5300 (365)	2600 (179)
1	-PSN-NS16-4	4.00 (101.6)	1.31 (33.4)	0.88 (22.4)	5300 (365)	2600 (179)

Adapters



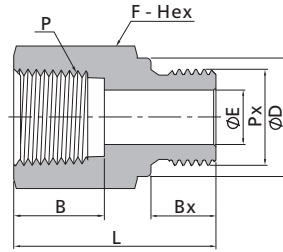
Female NPT Threads			Male NPT Threads						
P-NPT Size	Px-NPT Size	Basic Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)	
			L	F	B	Bx	E	316 SS, Steel	Brass
1/8	1/16	-PA-NS2-NS1	1.09 (27.7)	0.56 (14.3)	0.41 (10.4)	0.38 (9.7)	0.12 (3.0)	6500 (447)	3200 (220)
1/8	1/8	-PA-NS2	1.10 (27.9)	0.56 (14.3)	0.41 (10.4)	0.38 (9.7)	0.19 (4.8)	6500 (447)	3200 (220)
1/4	1/16	-PA-NS4-NS1	1.20 (30.5)	0.75 (19.1)	0.59 (15.0)	0.38 (9.7)	0.12 (3.0)	6600 (454)	3300 (227)
1/4	1/8	-PA-NS4-NS2	1.26 (32.0)	0.75 (19.1)	0.59 (15.0)	0.38 (9.7)	0.19 (4.8)	6600 (454)	3300 (227)
1/4	1/4	-PA-NS4	1.40 (35.6)	0.75 (19.1)	0.59 (15.0)	0.56 (14.2)	0.28 (7.1)	6600 (454)	3300 (227)
3/8	1/16	-PA-NS6-NS1	1.25 (31.8)	0.87 (22.2)	0.59 (15.0)	0.38 (9.7)	0.12 (3.0)	5300 (365)	2600 (179)
3/8	1/8	-PA-NS6-NS2	1.33 (33.8)	0.87 (22.2)	0.59 (15.0)	0.38 (9.7)	0.19 (4.8)	5300 (365)	2600 (179)
3/8	1/4	-PA-NS6-NS4	1.50 (38.1)	0.87 (22.2)	0.59 (15.0)	0.56 (14.2)	0.28 (7.1)	5300 (365)	2600 (179)
3/8	3/8	-PA-NS6	1.51 (38.4)	0.87 (22.2)	0.59 (15.0)	0.56 (14.2)	0.38 (9.6)	5300 (365)	2600 (179)
1/2	1/8	-PA-NS8-NS2	1.58 (40.1)	1.06 (27.0)	0.78 (19.8)	0.38 (9.7)	0.19 (4.8)	4900 (337)	2400 (165)
1/2	1/4	-PA-NS8-NS4	1.76 (44.7)	1.06 (27.0)	0.78 (19.8)	0.56 (14.2)	0.28 (7.1)	4900 (337)	2400 (165)
1/2	3/8	-PA-NS8-NS6	1.75 (44.4)	1.06 (27.0)	0.78 (19.8)	0.56 (14.2)	0.38 (9.6)	4900 (337)	2400 (165)
1/2	1/2	-PA-NS8	1.94 (49.3)	1.06 (27.0)	0.78 (19.8)	0.75 (19.1)	0.47 (11.9)	4900 (337)	2400 (165)
3/4	1/8	-PA-NS12-NS2	1.56 (39.6)	1.31 (33.3)	0.81 (20.6)	0.38 (9.7)	0.19 (4.8)	4600 (316)	2300 (158)
3/4	1/4	-PA-NS12-NS4	1.85 (47.0)	1.31 (33.3)	0.81 (20.6)	0.56 (14.2)	0.28 (7.1)	4600 (316)	2300 (158)
3/4	3/8	-PA-NS12-NS6	1.82 (46.2)	1.31 (33.3)	0.81 (20.6)	0.56 (14.2)	0.38 (9.6)	4600 (316)	2300 (158)
3/4	1/2	-PA-NS12-NS8	2.02 (51.3)	1.31 (33.3)	0.81 (20.6)	0.75 (19.1)	0.47 (11.9)	4600 (316)	2300 (158)
3/4	3/4	-PA-NS12	2.02 (51.3)	1.31 (33.3)	0.81 (20.6)	0.75 (19.1)	0.62 (15.7)	4600 (316)	2300 (158)
1	1/8	-PA-NS16-NS2	1.81 (46.0)	1.63 (41.3)	1.00 (25.4)	0.38 (9.7)	0.19 (4.8)	4400 (303)	2200 (151)
1	1/4	-PA-NS16-NS4	1.96 (49.8)	1.63 (41.3)	1.00 (25.4)	0.56 (14.2)	0.28 (7.1)	4400 (303)	2200 (151)
1	3/8	-PA-NS16-NS6	2.00 (50.8)	1.63 (41.3)	1.00 (25.4)	0.56 (14.2)	0.38 (9.6)	4400 (303)	2200 (151)
1	1/2	-PA-NS16-NS8	2.16 (54.9)	1.63 (41.3)	1.00 (25.4)	0.75 (19.1)	0.47 (11.9)	4400 (303)	2200 (151)
1	3/4	-PA-NS16-NS12	2.17 (55.1)	1.63 (41.3)	1.00 (25.4)	0.75 (19.1)	0.62 (15.7)	4400 (303)	2200 (151)
1	1	-PA-NS16	2.28 (57.9)	1.63 (41.3)	1.00 (25.4)	0.94 (23.9)	0.88 (22.4)	4400 (303)	2200 (151)
1 1/4	1	-PA-NS20-NS16	2.47 (62.7)	2.13 (54.0)	1.00 (25.4)	0.94 (23.9)	0.88 (22.4)	5000 (344)	2500 (172)

Adapters

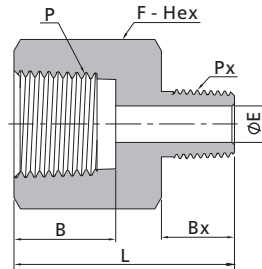


Female NPT Threads			Male ISO Tapered Threads						
P-NPT Size	Px-RT Size	Basic Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)	
			L	F	B	Bx	E	316 SS, Steel	Brass
1/8	1/8	-PA-NS2-RT2	1.09 (27.7)	0.56 (14.3)	0.41 (10.4)	0.38 (9.7)	0.19 (4.8)	6500 (447)	3200 (220)
1/4	1/4	-PA-NS4-RT4	1.42 (36.1)	0.75 (19.1)	0.59 (15.0)	0.56 (14.2)	0.28 (7.1)	6600 (454)	3300 (227)
3/8	3/8	-PA-NS6-RT6	1.50 (38.1)	0.87 (22.2)	0.59 (15.0)	0.56 (14.2)	0.38 (9.6)	5300 (365)	2600 (179)
1/2	1/2	-PA-NS8-RT8	1.94 (49.3)	1.06 (27.0)	0.78 (19.8)	0.75 (19.1)	0.47 (11.9)	4900 (337)	2400 (165)
3/4	3/4	-PA-NS12-RT12	2.02 (51.3)	1.31 (33.3)	0.81 (20.6)	0.75 (19.1)	0.62 (15.7)	4600 (316)	2300 (158)
1	1	-PA-NS16-RT16	2.30 (58.4)	1.63 (41.3)	1.00 (25.4)	0.94 (23.9)	0.88 (22.4)	4400 (303)	2200 (151)

Adapters

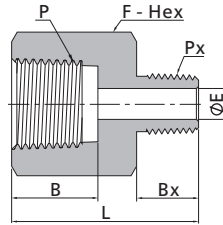


Female NPT Threads			Male ISO Parallel Threads							
P-NPT Size	Px-RS Size	Basic Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)	
			L	F	B	Bx	D	E	316 SS, Steel	Brass
1/8	1/8	-PA-NS2-RS2	0.99 (25.1)	0.56 (14.3)	0.41 (10.4)	0.28 (7.1)	0.54 (13.7)	0.16 (4.1)	6500 (447)	3200 (220)
1/4	1/4	-PA-NS4-RS4	1.32 (33.5)	0.75 (19.1)	0.41 (10.4)	0.44 (11.2)	0.71 (18.0)	0.23 (5.8)	6600 (454)	3300 (227)
3/8	3/8	-PA-NS6-RS6	1.41 (35.8)	0.87 (22.2)	0.59 (15.0)	0.44 (11.2)	0.85 (21.6)	0.31 (7.9)	5300 (365)	2600 (179)
1/2	1/2	-PA-NS8-RS8	1.74 (44.2)	1.06 (27.0)	0.59 (15.0)	0.56 (14.2)	1.02 (25.9)	0.47 (11.9)	4900 (337)	2400 (165)
3/4	3/4	-PA-NS12-RS12	1.89 (48.0)	1.31 (33.3)	0.81 (20.6)	0.62 (15.7)	1.26 (32.0)	0.62 (15.7)	4600 (316)	2300 (158)
1	1	-PA-NS16-RS16	2.10 (53.3)	1.63 (41.3)	1.00 (25.4)	0.72 (18.3)	1.53 (38.9)	0.78 (19.8)	4400 (303)	2200 (151)

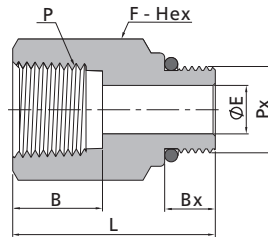


Female ISO Tapered Threads								Male ISO Tapered Threads	
P-RT Size	Px-RT Size	Basic Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)	
			L	F	B	Bx	E	316 SS, Steel	Brass
1/8	1/8	-PA-RT2	1.09 (27.7)	0.56 (14.3)	0.41 (10.4)	0.38 (9.7)	0.19 (4.8)	6500 (447)	3200 (220)
1/4	1/8	-PA-RT4-RT2	1.26 (32.0)	0.75 (19.1)	0.59 (15.0)	0.38 (9.7)	0.19 (4.8)	6600 (454)	3300 (227)
1/4	1/4	-PA-RT4	1.42 (36.1)	0.75 (19.1)	0.59 (15.0)	0.56 (14.2)	0.28 (7.1)	6600 (454)	3300 (227)
3/8	1/4	-PA-RT6-RT4	1.50 (38.1)	0.87 (22.2)	0.59 (15.0)	0.56 (14.2)	0.28 (7.1)	5300 (365)	2600 (179)
3/8	3/8	-PA-RT6	1.50 (38.1)	0.87 (22.2)	0.59 (15.0)	0.56 (14.2)	0.38 (9.7)	5300 (365)	2600 (179)
1/2	1/4	-PA-RT8-RT4	1.76 (44.7)	1.06 (27.0)	0.78 (19.8)	0.56 (14.2)	0.28 (7.1)	4900 (337)	2400 (165)
1/2	3/8	-PA-RT8-RT6	1.75 (44.4)	1.06 (27.0)	0.78 (19.8)	0.56 (14.2)	0.38 (9.7)	4900 (337)	2400 (165)
1/2	1/2	-PA-RT8	1.95 (49.5)	1.06 (27.0)	0.78 (19.8)	0.75 (19.1)	0.47 (11.9)	4900 (337)	2400 (165)
3/4	3/4	-PA-RT12	2.02 (51.3)	1.31 (33.3)	0.81 (20.6)	0.75 (19.1)	0.62 (15.7)	4600 (316)	2300 (158)
1	1	-PA-RT16	2.30 (58.4)	1.63 (41.3)	1.00 (25.4)	0.94 (23.9)	0.88 (22.4)	4400 (303)	2200 (151)

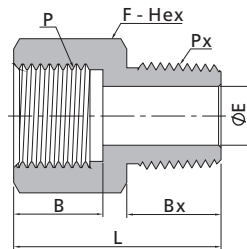
Adapters



Female ISO Tapered Threads					Male NPT Threads				
P-RT Size	Px-NPT Size	Basic Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)	
			L	F	B	Bx	E	316 SS, Steel	Brass
1/8	1/8	-PA-RT2-NS2	1.09 (27.7)	0.56 (14.3)	0.41 (10.4)	0.38 (9.7)	0.19 (4.8)	6500 (447)	3200 (220)
1/4	1/4	-PA-RT4-NS4	1.43 (36.3)	0.75 (19.1)	0.59 (15.0)	0.56 (14.2)	0.28 (7.1)	6600 (454)	3300 (227)
3/8	3/8	-PA-RT6-NS6	1.51 (38.4)	0.87 (22.2)	0.59 (15.0)	0.56 (14.2)	0.38 (9.6)	5300 (365)	2600 (179)
1/2	1/2	-PA-RT8-NS8	1.96 (49.8)	1.06 (27.0)	0.78 (19.8)	0.75 (19.1)	0.47 (11.9)	4900 (337)	2400 (165)
3/4	3/4	-PA-RT12-NS12	2.02 (51.3)	1.31 (33.3)	0.81 (20.6)	0.75 (19.1)	0.62 (15.7)	4600 (316)	2300 (158)
1	1	-PA-RT16-NS16	2.30 (58.4)	1.63 (41.3)	1.00 (25.4)	0.94 (23.9)	0.88 (22.4)	4400 (303)	2200 (151)

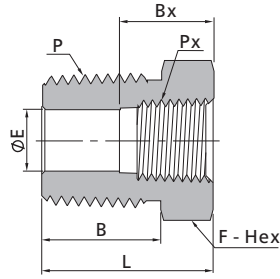


Female NPT Threads				Male SAE/MS Straight Threads (ST)				
P-NPT Size	Px-SAE Nominal Size	Px-SAE/MS Thread Specification	Basic Ordering Number	Dimensions, in. (mm)				
				L	F	B	Bx	E
1/4	4	7/16-20	-PA-NS4-ST7	1.32 (33.5)	0.75 (19.1)	0.59 (15.0)	0.36 (9.1)	0.20 (5.1)
3/8	6	9/16-18	-PA-NS6-ST9	1.39 (35.3)	0.94 (23.8)	0.59 (15.0)	0.39 (9.9)	0.28 (7.1)
1/2	8	3/4-16	-PA-NS8-ST12	1.76 (44.7)	1.06 (27.0)	0.78 (19.8)	0.44 (11.2)	0.42 (10.7)
3/4	12	1 1/16-12	-PA-NS12-ST17	1.99 (50.5)	1.37 (34.9)	0.81 (20.6)	0.59 (15.0)	0.66 (16.8)
1	16	1 5/16-12	-PA-NS16-ST21	2.12 (53.8)	1.63 (41.3)	1.00 (25.4)	0.59 (15.0)	0.85 (21.5)



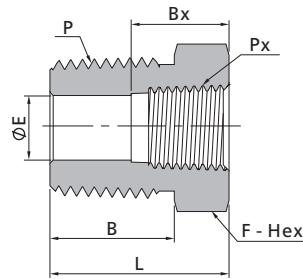
Female ISO Parallel Threads				Male NPT Threads				
P-RG Size	Px-NPT Size	Basic Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar) 316 SS, Steel
			L	F	B	Bx	E	
1/8	1/8	-PA-RG2-NS2	0.86 (21.8)	0.56 (14.3)	0.26 (6.5)	0.38 (9.7)	0.18 (4.5)	6100 (420)
1/4	1/4	-PA-RG4-NS4	1.19 (30.2)	0.75 (19.1)	0.51 (12.9)	0.56 (14.2)	0.22 (5.5)	5700 (392)
3/8	3/8	-PA-RG6-NS6	1.27 (32.2)	0.94 (23.8)	0.56 (14.2)	0.56 (14.2)	0.26 (6.5)	5700 (392)
1/2	1/2	-PA-RG8-NS8	1.68 (42.7)	1.06 (27.0)	0.74 (18.8)	0.75 (19.1)	0.28 (7.0)	3900 (268)

Reducing Bushings

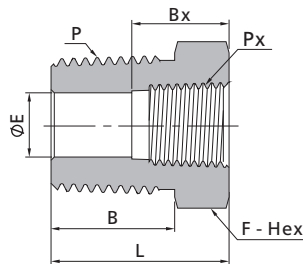


Male NPT Threads			Female NPT Threads						
P-NPT Size	Px-NPT Size	Basic Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)	
			L	F	B	Bx	E	316 SS, Steel	Brass
1/8	1/16	-PRB-NS2-NS1	1.03 (26.2)	0.44 (11.1)	0.38 (9.7)	0.39 (9.9)	0.19 (4.8)	6500 (447)	3200 (220)
1/4	1/16	-PRB-NS4-NS1	0.86 (21.8)	0.56 (14.3)	0.56 (14.2)	0.39 (9.9)	0.19 (4.8)	8000 (551)	4000 (275)
1/4	1/8	-PRB-NS4-NS2	1.06 (26.9)	0.56 (14.3)	0.56 (14.2)	0.41 (10.4)	0.28 (7.1)	6500 (447)	3300 (227)
3/8	1/16	-PRB-NS6-NS1	0.86 (21.8)	0.69 (17.5)	0.56 (14.2)	0.39 (9.9)	0.19 (4.8)	7800 (537)	3900 (268)
3/8	1/8	-PRB-NS6-NS2	0.86 (21.8)	0.69 (17.5)	0.56 (14.2)	0.41 (10.4)	0.34 (8.6)	7800 (537)	3900 (268)
3/8	1/4	-PRB-NS6-NS4	1.19 (30.2)	0.75 (19.1)	0.56 (14.2)	0.59 (15.0)	0.38 (9.6)	6600 (454)	3300 (227)
1/2	1/8	-PRB-NS8-NS2	1.08 (27.4)	0.87 (22.2)	0.75 (19.1)	0.41 (10.4)	0.34 (8.6)	8300 (571)	4400 (303)
1/2	1/4	-PRB-NS8-NS4	1.08 (27.4)	0.87 (22.2)	0.75 (19.1)	0.59 (15.0)	0.45 (11.4)	8300 (571)	4400 (303)
1/2	3/8	-PRB-NS8-NS6	1.41 (35.8)	0.87 (22.2)	0.75 (19.1)	0.59 (15.0)	0.47 (11.9)	5300 (365)	2600 (179)
3/4	1/4	-PRB-NS12-NS4	1.08 (27.4)	1.06 (27.0)	0.75 (19.1)	0.59 (15.0)	0.45 (11.4)	7300 (502)	3600 (248)
3/4	3/8	-PRB-NS12-NS6	1.08 (27.4)	1.06 (27.0)	0.75 (19.1)	0.59 (15.0)	0.59 (15.0)	7300 (502)	3600 (248)
3/4	1/2	-PRB-NS12-NS8	1.63 (41.4)	1.06 (27.0)	0.75 (19.1)	0.78 (19.8)	0.62 (15.7)	4900 (337)	2400 (165)
1	1/4	-PRB-NS16-NS4	1.37 (34.8)	1.37 (34.9)	0.94 (23.9)	0.59 (15.0)	0.45 (11.4)	6500 (447)	3200 (220)
1	3/8	-PRB-NS16-NS6	1.37 (34.8)	1.37 (34.9)	0.94 (23.9)	0.59 (15.0)	0.59 (15.0)	6500 (447)	3200 (220)
1	1/2	-PRB-NS16-NS8	1.37 (34.8)	1.37 (34.9)	0.94 (23.9)	0.78 (19.8)	0.73 (18.5)	6500 (447)	3200 (220)
1	3/4	-PRB-NS16-NS12	1.85 (47.0)	1.37 (34.9)	0.94 (23.9)	0.81 (20.6)	0.88 (22.4)	5300 (365)	2600 (179)
1 1/4	3/4	-PRB-NS20-NS12	1.47 (37.3)	1.75 (44.5)	0.94 (23.9)	0.81 (20.6)	0.88 (22.4)	6000 (410)	3000 (205)
1 1/4	1	-PRB-NS20-NS16	1.47 (37.3)	1.75 (44.5)	0.94 (23.9)	1.00 (25.4)	0.88 (22.4)	3500 (241)	1750 (120)
1 1/2	1	-PRB-NS24-NS16	1.58 (40.1)	2.00 (50.8)	1.03 (26.2)	1.00 (25.4)	0.88 (22.4)	5000 (344)	2500 (172)
1 1/2	1 1/4	-PRB-NS24-NS20	2.20 (56.0)	2.13 (54.0)	1.03 (26.2)	1.00 (25.4)	1.34 (34.0)	5000 (344)	2500 (172)

Reducing Bushings

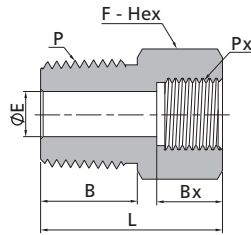


Male NPT Threads			Female ISO Tapered Threads						
P-NPT Size	Px-RT Size	Basic Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)	
			L	F	B	Bx	E	316 SS, Steel	Brass
1/8	1/16	-PRB-NS2-RT1	1.03 (26.2)	0.44 (11.1)	0.38 (9.7)	0.39 (9.9)	0.19 (4.8)	6500 (447)	3200 (220)
1/4	1/16	-PRB-NS4-RT1	0.86 (21.8)	0.56 (14.3)	0.56 (14.2)	0.39 (9.9)	0.19 (4.8)	8000 (551)	4000 (275)
1/4	1/8	-PRB-NS4-RT2	1.06 (26.9)	0.56 (14.3)	0.56 (14.2)	0.41 (10.4)	0.28 (7.1)	6500 (447)	3300 (227)
3/8	1/16	-PRB-NS6-RT1	0.86 (21.8)	0.69 (17.5)	0.56 (14.2)	0.39 (9.9)	0.19 (4.8)	7800 (537)	3900 (268)
3/8	1/8	-PRB-NS6-RT2	0.86 (21.8)	0.69 (17.5)	0.56 (14.2)	0.41 (10.4)	0.28 (7.1)	7800 (537)	3900 (268)
3/8	1/4	-PRB-NS6-RT4	1.19 (30.2)	0.75 (19.1)	0.56 (14.2)	0.59 (15.0)	0.38 (9.7)	6600 (454)	3300 (227)
1/2	1/8	-PRB-NS8-RT2	1.08 (27.4)	0.87 (22.2)	0.75 (19.1)	0.41 (10.4)	0.28 (7.1)	8300 (571)	4400 (303)
1/2	1/4	-PRB-NS8-RT4	1.08 (27.4)	0.87 (22.2)	0.75 (19.1)	0.59 (15.0)	0.41 (10.4)	8300 (571)	4400 (303)
1/2	3/8	-PRB-NS8-RT6	1.41 (35.8)	0.87 (22.2)	0.75 (19.1)	0.59 (15.0)	0.47 (11.9)	5300 (365)	2600 (179)
3/4	1/4	-PRB-NS12-RT4	1.08 (27.4)	1.06 (27.0)	0.75 (19.1)	0.59 (15.0)	0.41 (10.4)	7300 (502)	3600 (248)
3/4	3/8	-PRB-NS12-RT6	1.08 (27.4)	1.06 (27.0)	0.75 (19.1)	0.59 (15.0)	0.50 (12.7)	7300 (502)	3600 (248)
3/4	1/2	-PRB-NS12-RT8	1.63 (41.4)	1.06 (27.0)	0.75 (19.1)	0.78 (19.8)	0.62 (15.7)	4900 (337)	2400 (165)
1	1/4	-PRB-NS16-RT4	1.37 (34.8)	1.37 (34.9)	0.94 (23.9)	0.59 (15.0)	0.41 (10.4)	6500 (447)	3200 (220)
1	3/8	-PRB-NS16-RT6	1.37 (34.8)	1.37 (34.9)	0.94 (23.9)	0.59 (15.0)	0.50 (12.7)	6500 (447)	3200 (220)
1	1/2	-PRB-NS16-RT8	1.37 (34.8)	1.37 (34.9)	0.94 (23.9)	0.78 (19.8)	0.62 (15.7)	6500 (447)	3200 (220)
1	3/4	-PRB-NS16-RT12	1.85 (47.0)	1.37 (34.9)	0.94 (23.9)	0.81 (20.6)	0.88 (22.4)	5300 (365)	2600 (179)
1 1/4	3/4	-PRB-NS20-RT12	1.47 (37.3)	1.75 (44.5)	0.94 (23.9)	0.81 (20.6)	0.88 (22.4)	6000 (410)	3000 (205)
1 1/4	1	-PRB-NS20-RT16	1.47 (37.3)	1.75 (44.5)	0.94 (23.9)	1.00 (25.4)	0.88 (22.4)	3500 (241)	1750 (120)
1 1/2	1	-PRB-NS24-RT16	1.58 (40.1)	2.00 (50.8)	1.03 (26.2)	1.00 (25.4)	0.88 (22.4)	5000 (344)	2500 (172)
1 1/2	1 1/4	-PRB-NS24-RT20	2.20 (56.0)	2.13 (54.0)	1.03 (26.2)	1.00 (25.4)	1.34 (34.0)	5000 (344)	2500 (172)

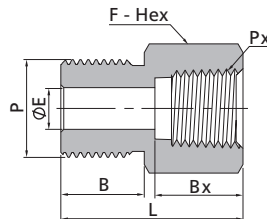


Male ISO Tapered Threads			Female ISO Tapered Threads						
P-RT Size	Px-RT Size	Basic Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)	
			L	F	B	Bx	E	316 SS, Steel	Brass
1/4	1/8	-PRB-RT4-RT2	1.06 (26.9)	0.56 (14.3)	0.56 (14.2)	0.41 (10.4)	0.28 (7.1)	6500 (447)	3200 (220)
3/8	1/4	-PRB-RT6-RT4	1.19 (30.2)	0.75 (19.1)	0.56 (14.2)	0.59 (15.0)	0.38 (9.6)	6600 (454)	3300 (227)
1/2	1/4	-PRB-RT8-RT4	1.08 (27.4)	0.87 (22.2)	0.75 (19.1)	0.59 (15.0)	0.44 (11.2)	8300 (571)	4400 (303)
1/2	3/8	-PRB-RT8-RT6	1.41 (35.8)	0.87 (22.2)	0.75 (19.1)	0.59 (15.0)	0.47 (11.9)	5300 (365)	2600 (179)

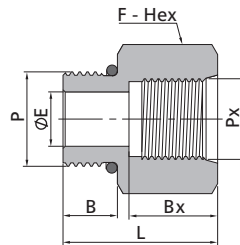
Reducing Bushings



Male NPT Threads			Female ISO Parallel Threads					
P-NPT Size	Px-RG Size	Basic Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar) 316 SS, Steel
			L	F	B	Bx	E	
3/8	1/4	-PRB-NS6-RG4	1.19 (30.2)	0.75 (19.1)	0.56 (14.2)	0.51 (12.9)	0.22 (5.6)	5700 (392)
1/2	3/8	-PRB-NS8-RG6	1.41 (35.8)	0.87 (22.2)	0.75 (19.1)	0.56 (14.2)	0.26 (6.6)	5700 (392)
3/4	1/2	-PRB-NS12-RG8	1.63 (41.4)	1.06 (27.0)	0.75 (19.1)	0.74 (18.8)	0.28 (7.1)	3900 (268)

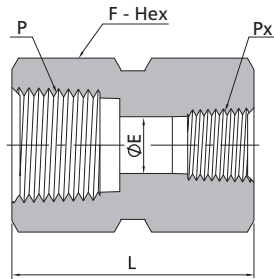


Male ISO Parallel Threads								Female NPT Threads	
P-BP Size	Px-NPT Size	Basic Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar)	
			L	F	B	Bx	E	316 SS, Steel	Brass
1/4	1/8	-PRB-BP4-NS2	1.06 (26.9)	0.56 (14.3)	0.51 (12.9)	0.41 (10.4)	0.18 (4.5)	6500 (447)	3200 (220)
3/8	1/4	-PRB-BP6-NS4	1.22 (31.0)	0.75 (19.1)	0.56 (14.2)	0.59 (15.0)	0.28 (7.1)	6600 (454)	3300 (227)
1/2	3/8	-PRB-BP8-NS6	1.41 (35.8)	0.87 (22.2)	0.74 (18.8)	0.59 (15.0)	0.26 (6.6)	5300 (365)	2600 (179)



Male SAE/MS Straight Threads (ST)					Female SAE/MS Straight Threads					
P-SAE Nominal Size	P-SAE/MS Thread Specification	Px-SAE Nominal Size	Px-SAE/MS Thread Specification	Basic Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar) 316 SS, Steel
					L	F	B	Bx	E	
6	9/16-18	4	7/16-20	-PRB-ST9-US7	1.12 (28.4)	0.81 (20.6)	0.39 (9.9)	0.55 (14.0)	0.28 (7.1)	4500 (310)
8	3/4-16	4	7/16-20	-PRB-ST12-US7	0.98 (24.9)	0.87 (22.2)	0.44 (11.2)	0.55 (14.0)	0.39 (9.9)	4500 (310)
8	3/4-16	6	9/16-18	-PRB-ST12-US9	1.19 (30.2)	1.00 (25.4)	0.44 (11.2)	0.63 (16.0)	0.42 (10.7)	4500 (310)
10	7/8-14	6	9/16-18	-PRB-ST14-US9	1.10 (27.9)	1.00 (25.4)	0.50 (12.7)	0.63 (16.0)	0.50 (12.7)	3600 (248)
10	7/8-14	8	3/4-16	-PRB-ST14-US12	1.42 (36.1)	1.19 (30.2)	0.50 (12.7)	0.71 (18.0)	0.50 (12.7)	3600 (248)
12	1 1/16-12	8	3/4-16	-PRB-ST17-US12	1.27 (32.3)	1.25 (31.8)	0.59 (15.0)	0.71 (18.0)	0.65 (16.5)	3600 (248)
16	1 5/16-12	12	1 1/16-12	-PRB-ST21-US17	1.61 (40.9)	1.63 (41.3)	0.59 (15.0)	0.94 (24.0)	0.87 (22.1)	2900 (199)
20	1 5/8-12	16	1 5/16-12	-PRB-ST26-US21	1.98 (50.3)	2.13 (54.0)	0.59 (15.0)	0.94 (24.0)	1.09 (27.7)	2300 (158)
24	1 7/8-12	16	1 5/16-12	-PRB-ST30-US21	1.27 (32.3)	2.13 (54.0)	0.59 (15.0)	0.94 (24.0)	1.23 (31.2)	2300 (158)

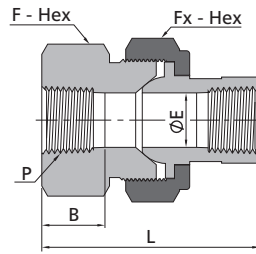
Hex Couplings



Female NPT Threads							
P-NPT Size	Px-NPT Size	Basic Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)	
			L	F	E	316 SS, Steel	Brass
1/16	1/16	-PCG-NS1	0.78 (19.8)	0.44 (11.1)	0.19 (4.8)	6700 (460)	3300 (227)
1/8	1/8	-PCG-NS2	0.81 (20.6)	0.56 (14.3)	0.34 (8.6)	6500 (447)	3200 (220)
1/4	1/8	-PCG-NS4-NS2	1.22 (31.0)	0.75 (19.1)	0.34 (8.6)	6600 (454)	3300 (227)
1/4	1/4	-PCG-NS4	1.19 (30.2)	0.75 (19.1)	0.45 (11.4)	6600 (454)	3300 (227)
3/8	1/4	-PCG-NS6-NS4	1.38 (35.1)	0.87 (22.2)	0.45 (11.4)	5300 (365)	2600 (179)
3/8	3/8	-PCG-NS6	1.31 (33.3)	0.87 (22.2)	0.59 (15.0)	5300 (365)	2600 (179)
1/2	1/8	-PCG-NS8-NS2	1.56 (39.6)	1.06 (27.0)	0.34 (8.6)	4900 (337)	2400 (165)
1/2	1/4	-PCG-NS8-NS4	1.75 (44.4)	1.06 (27.0)	0.45 (11.4)	4900 (337)	2400 (165)
1/2	3/8	-PCG-NS8-NS6	1.78 (45.2)	1.06 (27.0)	0.59 (15.0)	4900 (337)	2400 (165)
1/2	1/2	-PCG-NS8	1.56 (39.6)	1.06 (27.0)	0.73 (18.5)	4900 (337)	2400 (165)
3/4	1/4	-PCG-NS12-NS4	1.81 (46.0)	1.31 (33.3)	0.45 (11.4)	4600 (316)	2300 (158)
3/4	1/2	-PCG-NS12-NS8	2.06 (52.3)	1.31 (33.3)	0.73 (18.5)	4600 (316)	2300 (158)
3/4	3/4	-PCG-NS12	1.62 (41.1)	1.31 (33.3)	0.94 (23.9)	4600 (316)	2300 (158)
1	1/2	-PCG-NS16-NS8	2.19 (55.6)	1.63 (41.3)	0.73 (18.5)	4400 (303)	2200 (151)
1	3/4	-PCG-NS16-NS12	2.25 (57.2)	1.63 (41.3)	0.94 (23.9)	4400 (303)	2200 (151)
1	1	-PCG-NS16	2.00 (50.8)	1.63 (41.3)	1.17 (29.7)	4400 (303)	2200 (151)

Female ISO Tapered Threads							
P-RT Size	Px-RT Size	Basic Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)	
			L	F	E	316 SS, Steel	Brass
1/8	1/8	-PCG-RT2	0.81 (20.6)	0.56 (14.3)	0.33 (8.4)	6500 (447)	3200 (220)
1/4	1/4	-PCG-RT4	1.19 (30.2)	0.75 (19.1)	0.44 (11.2)	6600 (454)	3300 (227)
3/8	1/4	-PCG-RT6-RT4	1.38 (35.1)	0.87 (22.2)	0.44 (11.2)	5300 (365)	2600 (179)
3/8	3/8	-PCG-RT6	1.31 (33.3)	0.87 (22.2)	0.58 (14.7)	5300 (365)	2600 (179)
1/2	1/4	-PCG-RT8-RT4	1.75 (44.4)	1.06 (27.0)	0.44 (11.2)	4900 (337)	2400 (165)
1/2	3/8	-PCG-RT8-RT6	1.78 (45.2)	1.06 (27.0)	0.58 (14.7)	4900 (337)	2400 (165)
1/2	1/2	-PCG-RT8	1.56 (39.6)	1.06 (27.0)	0.72 (18.3)	4900 (337)	2400 (165)

Union Ball Joints



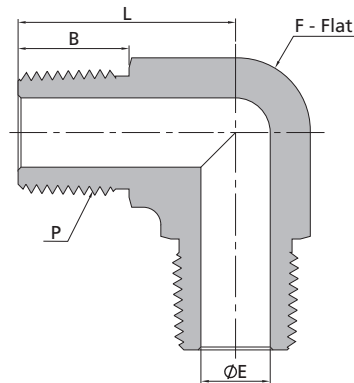
Female NPT Threads

P-NPT Size	Basic Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar) 316 SS, Steel
		L	F	Fx	B	E	
1/8	-UBJ-NS2	1.81 (46.0)	0.94 (23.8)	1.13 (28.6)	0.41 (10.4)	0.27 (6.8)	8400 (578)
1/4	-UBJ-NS4	2.34 (59.4)	1.19 (30.2)	1.37 (34.9)	0.59 (15.0)	0.36 (9.1)	6600 (454)
3/8	-UBJ-NS6	2.50 (63.5)	1.31 (33.3)	1.50 (38.1)	0.59 (15.0)	0.52 (13.2)	5300 (365)
1/2	-UBJ-NS8	2.69 (68.3)	1.63 (41.3)	1.75 (44.5)	0.78 (19.8)	0.62 (15.7)	6000 (410)
3/4	-UBJ-NS12	3.12 (79.2)	1.87 (47.6)	2.13 (54.0)	0.81 (20.6)	0.88 (22.4)	4600 (316)
1	-UBJ-NS16	3.56 (90.4)	2.37 (60.3)	2.50 (63.5)	1.00 (25.4)	1.03 (26.2)	6800 (468)

Female ISO Tapered Threads

P-RT Size	Basic Ordering Number	Dimensions, in. (mm)					Working Pressure psig (bar) 316 SS, Steel
		L	F	Fx	B	E	
1/8	-UBJ-RT2	1.81 (46.0)	0.94 (23.8)	1.13 (28.6)	0.41 (10.4)	0.27 (6.8)	8400 (578)
1/4	-UBJ-RT4	2.34 (59.4)	1.19 (30.2)	1.37 (34.9)	0.59 (15.0)	0.36 (9.1)	6600 (454)
3/8	-UBJ-RT6	2.50 (63.5)	1.31 (33.3)	1.50 (38.1)	0.59 (15.0)	0.52 (13.2)	5300 (365)
1/2	-UBJ-RT8	2.69 (68.3)	1.63 (41.3)	1.75 (44.5)	0.78 (19.8)	0.62 (15.7)	6000 (410)
3/4	-UBJ-RT12	3.12 (79.2)	1.87 (47.6)	2.13 (54.0)	0.81 (20.6)	0.88 (22.4)	4600 (316)
1	-UBJ-RT16	3.56 (90.4)	2.37 (60.3)	2.50 (63.5)	1.00 (25.4)	1.03 (26.2)	6800 (468)

Male Elbows



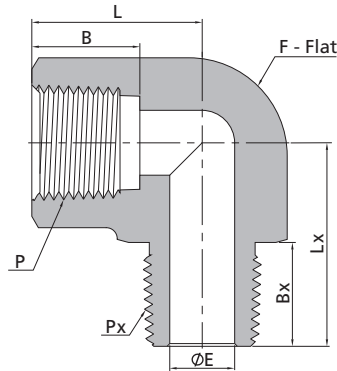
Male NPT Threads

P-NPT Size	Basic Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)	
		L	F	B	E	316 SS, Steel	Brass
1/16	-PME-NS1	0.67 (17.0)	0.37 (9.5)	0.38 (9.7)	0.12 (3.0)	11000 (757)	5500 (378)
1/8	-PME-NS2	0.88 (22.4)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	10000 (690)	5000 (344)
1/4	-PME-NS4	1.05 (26.7)	0.50 (12.7)	0.56 (14.2)	0.28 (7.1)	8000 (551)	4000 (275)
3/8	-PME-NS6	1.17 (29.7)	0.69 (17.5)	0.56 (14.2)	0.38 (9.6)	7800 (537)	3900 (268)
1/2	-PME-NS8	1.45 (36.8)	0.81 (20.6)	0.75 (19.1)	0.47 (11.9)	7700 (530)	3800 (261)
3/4	-PME-NS12	1.59 (40.4)	1.06 (27.0)	0.75 (19.1)	0.62 (15.7)	7300 (502)	3600 (248)
1	-PME-NS16	1.97 (50.0)	1.37 (34.9)	0.94 (23.9)	0.88 (22.4)	5300 (365)	2600 (179)

Male ISO Tapered Threads

P-RT Size	Basic Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)	
		L	F	B	E	316 SS, Steel	Brass
1/16	-PME-RT1	0.67 (17.0)	0.37 (9.5)	0.38 (9.7)	0.12 (3.0)	11000 (757)	5500 (378)
1/8	-PME-RT2	0.88 (22.4)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	10000 (690)	5000 (344)
1/4	-PME-RT4	1.05 (26.7)	0.50 (12.7)	0.56 (14.2)	0.28 (7.1)	8000 (551)	4000 (275)
3/8	-PME-RT6	1.17 (29.7)	0.69 (17.5)	0.56 (14.2)	0.38 (9.6)	7800 (537)	3900 (268)
1/2	-PME-RT8	1.45 (36.8)	0.81 (20.6)	0.75 (19.1)	0.47 (11.9)	7700 (530)	3800 (261)
3/4	-PME-RT12	1.59 (40.4)	1.06 (27.0)	0.75 (19.1)	0.62 (15.7)	7300 (502)	3600 (248)
1	-PME-RT16	1.97 (50.0)	1.37 (34.9)	0.94 (23.9)	0.88 (22.4)	5300 (365)	2600 (179)

Street Elbows

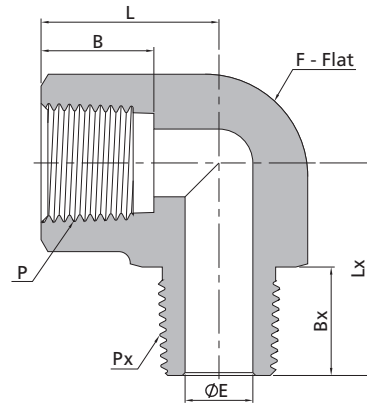


Female NPT Threads

Male NPT Threads

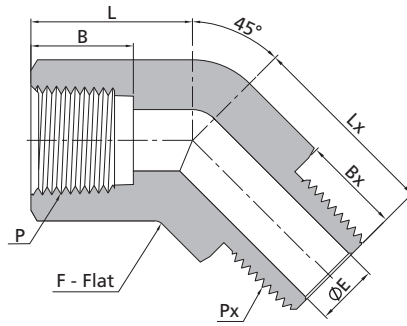
P-NPT Size	Px-NPT Size	Basic Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)	
			L	F	B	E	Lx	Bx	316 SS, Steel	Brass
1/16	1/16	-PSE-NS1	0.86 (21.8)	0.44 (11.1)	0.39 (9.9)	0.12 (3.0)	0.88 (22.4)	0.38 (9.7)	9200 (633)	4600 (316)
1/16	1/8	-PSE-NS1-NS2	0.86 (21.8)	0.44 (11.1)	0.39 (9.9)	0.19 (4.8)	0.88 (22.4)	0.38 (9.7)	9200 (633)	4600 (316)
1/16	1/4	-PSE-NS1-NS4	0.88 (22.4)	0.56 (14.3)	0.39 (9.9)	0.19 (4.8)	1.09 (27.7)	0.56 (14.2)	8000 (551)	4000 (275)
1/16	3/8	-PSE-NS1-NS6	0.88 (22.4)	0.69 (17.5)	0.39 (9.9)	0.19 (4.8)	1.17 (29.7)	0.56 (14.2)	7800 (537)	3900 (268)
1/8	1/16	-PSE-NS2-NS1	1.04 (26.4)	0.50 (12.7)	0.41 (10.4)	0.12 (3.0)	0.87 (22.1)	0.38 (9.7)	6200 (426)	3100 (213)
1/8	1/8	-PSE-NS2	1.04 (26.4)	0.50 (12.7)	0.41 (10.4)	0.19 (4.8)	0.87 (22.1)	0.38 (9.7)	6200 (426)	3100 (213)
1/8	1/4	-PSE-NS2-NS4	0.88 (22.4)	0.56 (14.3)	0.41 (10.4)	0.28 (7.1)	1.09 (27.7)	0.56 (14.2)	6500 (447)	3200 (220)
1/8	3/8	-PSE-NS2-NS6	0.88 (22.4)	0.69 (17.5)	0.41 (10.4)	0.28 (7.1)	1.17 (29.7)	0.56 (14.2)	7800 (537)	3900 (268)
1/8	1/2	-PSE-NS2-NS8	0.95 (24.1)	0.81 (20.6)	0.41 (10.4)	0.28 (7.1)	1.45 (36.8)	0.75 (19.1)	7700 (530)	3800 (261)
1/8	3/4	-PSE-NS2-NS12	1.00 (25.4)	1.06 (27.0)	0.41 (10.4)	0.28 (7.1)	1.59 (40.4)	0.75 (19.1)	7300 (502)	3600 (248)
1/8	1	-PSE-NS2-NS16	1.04 (26.4)	1.37 (34.9)	0.41 (10.4)	0.28 (7.1)	1.97 (50.0)	0.94 (23.9)	5300 (365)	2600 (179)
1/4	1/8	-PSE-NS4-NS2	1.17 (29.7)	0.69 (17.5)	0.59 (15.0)	0.19 (4.8)	1.00 (25.4)	0.38 (9.7)	7200 (496)	3600 (248)
1/4	1/4	-PSE-NS4	1.17 (29.7)	0.69 (17.5)	0.59 (15.0)	0.28 (7.1)	1.17 (29.7)	0.56 (14.2)	7200 (496)	3600 (248)
1/4	3/8	-PSE-NS4-NS6	1.17 (29.7)	0.69 (17.5)	0.59 (15.0)	0.34 (8.6)	1.17 (29.7)	0.56 (14.2)	7200 (496)	3600 (248)
1/4	1/2	-PSE-NS4-NS8	1.00 (25.4)	0.81 (20.6)	0.59 (15.0)	0.34 (8.6)	1.45 (36.8)	0.75 (19.1)	7200 (496)	3600 (248)
1/4	3/4	-PSE-NS4-NS12	1.00 (25.4)	1.06 (27.0)	0.59 (15.0)	0.34 (8.6)	1.59 (40.4)	0.75 (19.1)	7300 (502)	3600 (248)
1/4	1	-PSE-NS4-NS16	1.63 (41.4)	1.37 (34.9)	0.59 (15.0)	0.34 (8.6)	1.97 (50.0)	0.94 (23.9)	5300 (365)	2600 (179)
3/8	1/4	-PSE-NS6-NS4	1.42 (36.1)	0.81 (20.6)	0.59 (15.0)	0.28 (7.1)	1.26 (32.0)	0.56 (14.2)	5600 (385)	2800 (192)
3/8	3/8	-PSE-NS6	1.42 (36.1)	0.81 (20.6)	0.59 (15.0)	0.38 (9.6)	1.26 (32.0)	0.56 (14.2)	5600 (385)	2800 (192)
3/8	1/2	-PSE-NS6-NS8	1.42 (36.1)	0.81 (20.6)	0.59 (15.0)	0.47 (11.9)	1.45 (36.8)	0.75 (19.1)	5600 (385)	2800 (192)
3/8	3/4	-PSE-NS6-NS12	1.23 (31.2)	1.06 (27.0)	0.59 (15.0)	0.47 (11.9)	1.59 (40.4)	0.75 (19.1)	7300 (502)	3600 (248)
3/8	1	-PSE-NS6-NS16	1.63 (41.4)	1.37 (34.9)	0.59 (15.0)	0.47 (11.9)	1.97 (50.0)	0.94 (23.9)	5300 (365)	2600 (179)
1/2	1/4	-PSE-NS8-NS4	1.56 (39.6)	1.00 (25.4)	0.78 (19.8)	0.28 (7.1)	1.38 (35.1)	0.56 (14.2)	5600 (385)	2800 (192)
1/2	3/8	-PSE-NS8-NS6	1.56 (39.6)	1.00 (25.4)	0.78 (19.8)	0.38 (9.6)	1.38 (35.1)	0.56 (14.2)	5600 (385)	2800 (192)
1/2	1/2	-PSE-NS8	1.56 (39.6)	1.00 (25.4)	0.78 (19.8)	0.47 (11.9)	1.56 (39.6)	0.75 (19.1)	5600 (385)	2800 (192)
1/2	3/4	-PSE-NS8-NS12	1.23 (31.2)	1.06 (27.0)	0.78 (19.8)	0.62 (15.7)	1.59 (40.4)	0.75 (19.1)	5600 (385)	2800 (192)
1/2	1	-PSE-NS8-NS16	1.63 (41.4)	1.37 (34.9)	0.78 (19.8)	0.62 (15.7)	1.97 (50.0)	0.94 (23.9)	5300 (365)	2600 (179)
3/4	3/4	-PSE-NS12	1.92 (48.8)	1.25 (31.8)	0.81 (20.6)	0.62 (15.7)	1.67 (42.4)	0.75 (19.1)	5100 (351)	2500 (172)
3/4	1	-PSE-NS12-NS16	1.63 (41.4)	1.37 (34.9)	0.81 (20.6)	0.88 (22.4)	1.97 (50.0)	0.94 (23.9)	5100 (351)	2500 (172)
1	1	-PSE-NS16	1.91 (48.5)	1.69 (42.9)	1.00 (25.4)	0.88 (22.4)	1.94 (49.3)	0.94 (23.9)	5300 (365)	2600 (179)
1 1/4	1 1/4	-PSE-NS20	2.38 (60.5)	2.00 (50.8)	1.00 (25.4)	1.25 (31.8)	2.38 (60.5)	0.94 (23.9)	3100 (213)	1600 (110)

Street Elbows



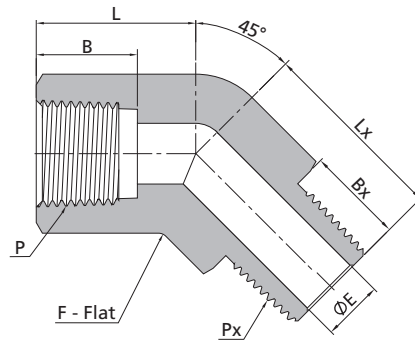
Female ISO Tapered Threads			Male ISO Tapered Threads							
P-RT Size	Px-RT Size	Basic Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)	
			L	F	B	E	Lx	Bx	316 SS, Steel	Brass
1/16	1/16	-PSE-RT1	0.86 (21.8)	0.44 (11.1)	0.39 (9.9)	0.12 (3.0)	0.88 (22.4)	0.38 (9.7)	9200 (633)	4600 (316)
1/16	1/8	-PSE-RT1-RT2	0.86 (21.8)	0.44 (11.1)	0.39 (9.9)	0.19 (4.8)	0.88 (22.4)	0.38 (9.7)	9200 (633)	4600 (316)
1/16	1/4	-PSE-RT1-RT4	0.88 (22.4)	0.56 (14.3)	0.39 (9.9)	0.19 (4.8)	1.09 (27.7)	0.56 (14.2)	8000 (551)	4000 (275)
1/16	3/8	-PSE-RT1-RT6	0.88 (22.4)	0.69 (17.5)	0.39 (9.9)	0.19 (4.8)	1.17 (29.7)	0.56 (14.2)	7800 (537)	3900 (268)
1/8	1/16	-PSE-RT2-RT1	1.04 (26.4)	0.50 (12.7)	0.41 (10.4)	0.12 (3.0)	0.87 (22.1)	0.38 (9.7)	6200 (426)	3100 (213)
1/8	1/8	-PSE-RT2	1.04 (26.4)	0.50 (12.7)	0.41 (10.4)	0.19 (4.8)	0.87 (22.1)	0.38 (9.7)	6200 (426)	3100 (213)
1/8	1/4	-PSE-RT2-RT4	0.88 (22.4)	0.56 (14.3)	0.41 (10.4)	0.28 (7.1)	1.09 (27.7)	0.56 (14.2)	6500 (447)	3200 (220)
1/8	3/8	-PSE-RT2-RT6	0.88 (22.4)	0.69 (17.5)	0.41 (10.4)	0.28 (7.1)	1.17 (29.7)	0.56 (14.2)	7800 (537)	3900 (268)
1/8	1/2	-PSE-RT2-RT8	0.95 (24.1)	0.81 (20.6)	0.41 (10.4)	0.28 (7.1)	1.45 (36.8)	0.75 (19.1)	7700 (530)	3800 (261)
1/8	3/4	-PSE-RT2-RT12	1.00 (25.4)	1.06 (27.0)	0.41 (10.4)	0.28 (7.1)	1.59 (40.4)	0.75 (19.1)	7300 (502)	3600 (248)
1/8	1	-PSE-RT2-RT16	1.04 (26.4)	1.37 (34.9)	0.41 (10.4)	0.28 (7.1)	1.97 (50.0)	0.94 (23.9)	5300 (365)	2600 (179)
1/4	1/8	-PSE-RT4-RT2	1.17 (29.7)	0.69 (17.5)	0.59 (15.0)	0.19 (4.8)	1.00 (25.4)	0.38 (9.7)	7200 (496)	3600 (248)
1/4	1/4	-PSE-RT4	1.17 (29.7)	0.69 (17.5)	0.59 (15.0)	0.28 (7.1)	1.17 (29.7)	0.56 (14.2)	7200 (496)	3600 (248)
1/4	3/8	-PSE-RT4-RT6	1.17 (29.7)	0.69 (17.5)	0.59 (15.0)	0.34 (8.6)	1.17 (29.7)	0.56 (14.2)	7200 (496)	3600 (248)
1/4	1/2	-PSE-RT4-RT8	1.00 (25.4)	0.81 (20.6)	0.59 (15.0)	0.34 (8.6)	1.45 (36.8)	0.75 (19.1)	7200 (496)	3600 (248)
1/4	3/4	-PSE-RT4-RT12	1.00 (25.4)	1.06 (27.0)	0.59 (15.0)	0.34 (8.6)	1.59 (40.4)	0.75 (19.1)	7300 (502)	3600 (248)
1/4	1	-PSE-RT4-RT16	1.63 (41.4)	1.37 (34.9)	0.59 (15.0)	0.34 (8.6)	1.97 (50.0)	0.94 (23.9)	5300 (365)	2600 (179)
3/8	1/4	-PSE-RT6-RT4	1.42 (36.1)	0.81 (20.6)	0.59 (15.0)	0.28 (7.1)	1.26 (32.0)	0.56 (14.2)	5600 (385)	2800 (192)
3/8	3/8	-PSE-RT6	1.42 (36.1)	0.81 (20.6)	0.59 (15.0)	0.38 (9.6)	1.26 (32.0)	0.56 (14.2)	5600 (385)	2800 (192)
3/8	1/2	-PSE-RT6-RT8	1.42 (36.1)	0.81 (20.6)	0.59 (15.0)	0.47 (11.9)	1.45 (36.8)	0.75 (19.1)	5600 (385)	2800 (192)
3/8	3/4	-PSE-RT6-RT12	1.23 (31.2)	1.06 (27.0)	0.59 (15.0)	0.47 (11.9)	1.59 (40.4)	0.75 (19.1)	7300 (502)	3600 (248)
3/8	1	-PSE-RT6-RT16	1.63 (41.4)	1.37 (34.9)	0.59 (15.0)	0.47 (11.9)	1.97 (50.0)	0.94 (23.9)	5300 (365)	2600 (179)
1/2	1/4	-PSE-RT8-RT4	1.56 (39.6)	1.00 (25.4)	0.78 (19.8)	0.28 (7.1)	1.38 (35.1)	0.56 (14.2)	5600 (385)	2800 (192)
1/2	3/8	-PSE-RT8-RT6	1.56 (39.6)	1.00 (25.4)	0.78 (19.8)	0.38 (9.6)	1.38 (35.1)	0.56 (14.2)	5600 (385)	2800 (192)
1/2	1/2	-PSE-RT8	1.56 (39.6)	1.00 (25.4)	0.78 (19.8)	0.47 (11.9)	1.56 (39.6)	0.75 (19.1)	5600 (385)	2800 (192)
1/2	3/4	-PSE-RT8-RT12	1.23 (31.2)	1.06 (27.0)	0.78 (19.8)	0.62 (15.7)	1.59 (40.4)	0.75 (19.1)	5600 (385)	2800 (192)
1/2	1	-PSE-RT8-RT16	1.63 (41.4)	1.37 (34.9)	0.78 (19.8)	0.62 (15.7)	1.97 (50.0)	0.94 (23.9)	5300 (365)	2600 (179)
3/4	3/4	-PSE-RT12	1.92 (48.8)	1.25 (31.8)	0.81 (20.6)	0.62 (15.7)	1.67 (42.4)	0.75 (19.1)	5100 (351)	2500 (172)
3/4	1	-PSE-RT12-RT16	1.63 (41.4)	1.37 (34.9)	0.81 (20.6)	0.88 (22.4)	1.97 (50.0)	0.94 (23.9)	5100 (351)	2500 (172)
1	1	-PSE-RT16	1.91 (48.5)	1.69 (42.9)	1.00 (25.4)	0.88 (22.4)	1.94 (49.3)	0.94 (23.9)	5300 (365)	2600 (179)
1 1/4	1 1/4	-PSE-RT20	2.38 (60.5)	2.00 (50.8)	1.00 (25.4)	1.25 (31.8)	2.38 (60.5)	0.94 (23.9)	3100 (213)	1600 (110)

45° Street Elbows



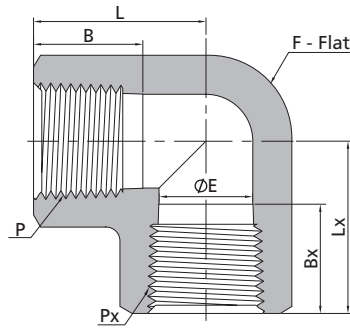
Female NPT Threads									Male NPT Threads	
P-NPT Size	Px-NPT Size	Basic Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)	
			L	F	B	E	Lx	Bx	316 SS, Steel	Brass
1/16	1/16	-PSV-NS1	0.66 (16.8)	0.44 (11.1)	0.39 (9.9)	0.12 (3.0)	0.66 (16.8)	0.38 (9.7)	9200 (633)	4600 (316)
1/16	1/8	-PSV-NS1-NS2	0.66 (16.8)	0.44 (11.1)	0.39 (9.9)	0.19 (4.8)	0.66 (16.8)	0.38 (9.7)	9200 (633)	4600 (316)
1/16	1/4	-PSV-NS1-NS4	0.66 (16.8)	0.56 (14.3)	0.39 (9.9)	0.19 (4.8)	0.86 (21.8)	0.56 (14.2)	8000 (551)	4000 (275)
1/16	3/8	-PSV-NS1-NS6	0.88 (22.4)	0.69 (17.5)	0.39 (9.9)	0.19 (4.8)	0.94 (23.8)	0.56 (14.2)	7800 (537)	3900 (268)
1/8	1/16	-PSV-NS2-NS1	0.80 (20.2)	0.50 (12.7)	0.41 (10.4)	0.12 (3.0)	0.68 (17.2)	0.38 (9.7)	6200 (426)	3100 (213)
1/8	1/8	-PSV-NS2	0.80 (20.2)	0.50 (12.7)	0.41 (10.4)	0.19 (4.8)	0.68 (17.2)	0.38 (9.7)	6200 (426)	3100 (213)
1/8	1/4	-PSV-NS2-NS4	0.66 (16.8)	0.56 (14.3)	0.41 (10.4)	0.28 (7.1)	0.86 (21.8)	0.56 (14.2)	6500 (447)	3200 (220)
1/8	3/8	-PSV-NS2-NS6	0.88 (22.4)	0.69 (17.5)	0.41 (10.4)	0.28 (7.1)	0.94 (23.8)	0.56 (14.2)	7800 (537)	3900 (268)
1/8	1/2	-PSV-NS2-NS8	0.87 (22.2)	0.81 (20.6)	0.41 (10.4)	0.28 (7.1)	1.14 (29.0)	0.75 (19.1)	7700 (530)	3800 (261)
1/8	3/4	-PSV-NS2-NS12	1.00 (25.4)	1.06 (27.0)	0.41 (10.4)	0.28 (7.1)	1.20 (30.5)	0.75 (19.1)	7300 (502)	3600 (248)
1/8	1	-PSV-NS2-NS16	1.04 (26.4)	1.37 (34.9)	0.41 (10.4)	0.28 (7.1)	1.94 (49.3)	0.94 (23.9)	5300 (365)	2600 (179)
1/4	1/8	-PSV-NS4-NS2	1.00 (25.4)	0.69 (17.5)	0.59 (15.0)	0.19 (4.8)	0.76 (19.3)	0.38 (9.7)	7200 (496)	3600 (248)
1/4	1/4	-PSV-NS4	1.00 (25.4)	0.69 (17.5)	0.59 (15.0)	0.28 (7.1)	0.76 (19.3)	0.56 (14.2)	7200 (496)	3600 (248)
1/4	3/8	-PSV-NS4-NS6	1.00 (25.4)	0.69 (17.5)	0.59 (15.0)	0.34 (8.6)	0.94 (23.8)	0.56 (14.2)	7200 (496)	3600 (248)
1/4	1/2	-PSV-NS4-NS8	0.87 (22.2)	0.81 (20.6)	0.59 (15.0)	0.34 (8.6)	1.14 (29.0)	0.75 (19.1)	7200 (496)	3600 (248)
1/4	3/4	-PSV-NS4-NS12	1.00 (25.4)	1.06 (27.0)	0.59 (15.0)	0.34 (8.6)	1.20 (30.5)	0.75 (19.1)	7300 (502)	3600 (248)
1/4	1	-PSV-NS4-NS16	1.26 (32.0)	1.37 (34.9)	0.59 (15.0)	0.34 (8.6)	1.48 (37.6)	0.94 (23.9)	5300 (365)	2600 (179)
3/8	1/4	-PSV-NS6-NS4	1.06 (27.0)	0.81 (20.6)	0.59 (15.0)	0.28 (7.1)	0.95 (24.2)	0.56 (14.2)	5600 (385)	2800 (192)
3/8	3/8	-PSV-NS6	1.06 (27.0)	0.81 (20.6)	0.59 (15.0)	0.38 (9.6)	0.95 (24.2)	0.56 (14.2)	5600 (385)	2800 (192)
3/8	1/2	-PSV-NS6-NS8	1.06 (27.0)	0.81 (20.6)	0.59 (15.0)	0.47 (11.9)	1.14 (29.0)	0.75 (19.1)	5600 (385)	2800 (192)
3/8	3/4	-PSV-NS6-NS12	1.06 (27.0)	1.06 (27.0)	0.59 (15.0)	0.47 (11.9)	1.20 (30.5)	0.75 (19.1)	7300 (502)	3600 (248)
3/8	1	-PSV-NS6-NS16	1.26 (32.0)	1.37 (34.9)	0.59 (15.0)	0.47 (11.9)	1.48 (37.6)	0.94 (23.9)	5300 (365)	2600 (179)
1/2	1/4	-PSV-NS8-NS4	1.26 (32.0)	1.00 (25.4)	0.78 (19.8)	0.28 (7.1)	0.99 (25.2)	0.56 (14.2)	5600 (385)	2800 (192)
1/2	3/8	-PSV-NS8-NS6	1.26 (32.0)	1.00 (25.4)	0.78 (19.8)	0.38 (9.6)	0.99 (25.2)	0.56 (14.2)	5600 (385)	2800 (192)
1/2	1/2	-PSV-NS8	1.26 (32.0)	1.00 (25.4)	0.78 (19.8)	0.47 (11.9)	1.26 (32.0)	0.75 (19.1)	5600 (385)	2800 (192)
1/2	3/4	-PSV-NS8-NS12	1.28 (32.5)	1.06 (27.0)	0.78 (19.8)	0.62 (15.7)	1.20 (30.5)	0.75 (19.1)	5600 (385)	2800 (192)
1/2	1	-PSV-NS8-NS16	1.48 (37.6)	1.37 (34.9)	0.78 (19.8)	0.62 (15.7)	1.48 (37.6)	0.94 (23.9)	5300 (365)	2600 (179)
3/4	3/4	-PSV-NS12	1.36 (34.5)	1.25 (31.8)	0.81 (20.6)	0.62 (15.7)	1.36 (34.5)	0.75 (19.1)	5100 (351)	2500 (172)
3/4	1	-PSV-NS12-NS16	1.48 (37.6)	1.37 (34.9)	0.81 (20.6)	0.88 (22.4)	1.48 (37.6)	0.94 (23.9)	5100 (351)	2500 (172)
1	1	-PSV-NS16	1.81 (46.0)	1.69 (42.9)	1.00 (25.4)	0.88 (22.4)	1.81 (46.0)	0.94 (23.9)	5300 (365)	2600 (179)
1 1/4	1 1/4	-PSV-NS20	2.00 (50.8)	2.00 (50.8)	1.00 (25.4)	1.25 (31.8)	2.00 (50.8)	0.94 (23.9)	3100 (213)	1600 (110)

45° Street Elbows



Female ISO Tapered Threads									Male ISO Tapered Threads	
P-RT Size	Px-RT Size	Basic Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)	
			L	F	B	E	Lx	Bx	316 SS, Steel	Brass
1/16	1/16	-PSV-RT1	0.66 (16.8)	0.44 (11.1)	0.39 (9.9)	0.12 (3.0)	0.66 (16.8)	0.38 (9.7)	9200 (633)	4600 (316)
1/16	1/8	-PSV-RT1-RT2	0.66 (16.8)	0.44 (11.1)	0.39 (9.9)	0.19 (4.8)	0.66 (16.8)	0.38 (9.7)	9200 (633)	4600 (316)
1/16	1/4	-PSV-RT1-RT4	0.66 (16.8)	0.56 (14.3)	0.39 (9.9)	0.19 (4.8)	0.86 (21.8)	0.56 (14.2)	8000 (551)	4000 (275)
1/16	3/8	-PSV-RT1-RT6	0.88 (22.4)	0.69 (17.5)	0.39 (9.9)	0.19 (4.8)	0.94 (23.8)	0.56 (14.2)	7800 (537)	3900 (268)
1/8	1/16	-PSV-RT2-RT1	0.80 (20.2)	0.50 (12.7)	0.41 (10.4)	0.12 (3.0)	0.68 (17.2)	0.38 (9.7)	6200 (426)	3100 (213)
1/8	1/8	-PSV-RT2	0.80 (20.2)	0.50 (12.7)	0.41 (10.4)	0.19 (4.8)	0.68 (17.2)	0.38 (9.7)	6200 (426)	3100 (213)
1/8	1/4	-PSV-RT2-RT4	0.66 (16.8)	0.56 (14.3)	0.41 (10.4)	0.28 (7.1)	0.86 (21.8)	0.56 (14.2)	6500 (447)	3200 (220)
1/8	3/8	-PSV-RT2-RT6	0.88 (22.4)	0.69 (17.5)	0.41 (10.4)	0.28 (7.1)	0.94 (23.8)	0.56 (14.2)	7800 (537)	3900 (268)
1/8	1/2	-PSV-RT2-RT8	0.87 (22.2)	0.81 (20.6)	0.41 (10.4)	0.28 (7.1)	1.14 (29.0)	0.75 (19.1)	7700 (530)	3800 (261)
1/8	3/4	-PSV-RT2-RT12	1.00 (25.4)	1.06 (27.0)	0.41 (10.4)	0.28 (7.1)	1.20 (30.5)	0.75 (19.1)	7300 (502)	3600 (248)
1/8	1	-PSV-RT2-RT16	1.04 (26.4)	1.37 (34.9)	0.41 (10.4)	0.28 (7.1)	1.94 (49.3)	0.94 (23.9)	5300 (365)	2600 (179)
1/4	1/8	-PSV-RT4-RT2	1.00 (25.4)	0.69 (17.5)	0.59 (15.0)	0.19 (4.8)	0.76 (19.3)	0.38 (9.7)	7200 (496)	3600 (248)
1/4	1/4	-PSV-RT4	1.00 (25.4)	0.69 (17.5)	0.59 (15.0)	0.28 (7.1)	0.76 (19.3)	0.56 (14.2)	7200 (496)	3600 (248)
1/4	3/8	-PSV-RT4-RT6	1.00 (25.4)	0.69 (17.5)	0.59 (15.0)	0.34 (8.6)	0.94 (23.8)	0.56 (14.2)	7200 (496)	3600 (248)
1/4	1/2	-PSV-RT4-RT8	0.87 (22.2)	0.81 (20.6)	0.59 (15.0)	0.34 (8.6)	1.14 (29.0)	0.75 (19.1)	7200 (496)	3600 (248)
1/4	3/4	-PSV-RT4-RT12	1.00 (25.4)	1.06 (27.0)	0.59 (15.0)	0.34 (8.6)	1.20 (30.5)	0.75 (19.1)	7300 (502)	3600 (248)
1/4	1	-PSV-RT4-RT16	1.26 (32.0)	1.37 (34.9)	0.59 (15.0)	0.34 (8.6)	1.48 (37.6)	0.94 (23.9)	5300 (365)	2600 (179)
3/8	1/4	-PSV-RT6-RT4	1.06 (27.0)	0.81 (20.6)	0.59 (15.0)	0.28 (7.1)	0.95 (24.2)	0.56 (14.2)	5600 (385)	2800 (192)
3/8	3/8	-PSV-RT6	1.06 (27.0)	0.81 (20.6)	0.59 (15.0)	0.38 (9.6)	0.95 (24.2)	0.56 (14.2)	5600 (385)	2800 (192)
3/8	1/2	-PSV-RT6-RT8	1.06 (27.0)	0.81 (20.6)	0.59 (15.0)	0.47 (11.9)	1.14 (29.0)	0.75 (19.1)	5600 (385)	2800 (192)
3/8	3/4	-PSV-RT6-RT12	1.06 (27.0)	1.06 (27.0)	0.59 (15.0)	0.47 (11.9)	1.20 (30.5)	0.75 (19.1)	7300 (502)	3600 (248)
3/8	1	-PSV-RT6-RT16	1.26 (32.0)	1.37 (34.9)	0.59 (15.0)	0.47 (11.9)	1.48 (37.6)	0.94 (23.9)	5300 (365)	2600 (179)
1/2	1/4	-PSV-RT8-RT4	1.26 (32.0)	1.00 (25.4)	0.78 (19.8)	0.28 (7.1)	0.99 (25.2)	0.56 (14.2)	5600 (385)	2800 (192)
1/2	3/8	-PSV-RT8-RT6	1.26 (32.0)	1.00 (25.4)	0.78 (19.8)	0.38 (9.6)	0.99 (25.2)	0.56 (14.2)	5600 (385)	2800 (192)
1/2	1/2	-PSV-RT8	1.26 (32.0)	1.00 (25.4)	0.78 (19.8)	0.47 (11.9)	1.26 (32.0)	0.75 (19.1)	5600 (385)	2800 (192)
1/2	3/4	-PSV-RT8-RT12	1.28 (32.5)	1.06 (27.0)	0.78 (19.8)	0.62 (15.7)	1.20 (30.5)	0.75 (19.1)	5600 (385)	2800 (192)
1/2	1	-PSV-RT8-RT16	1.48 (37.6)	1.37 (34.9)	0.78 (19.8)	0.62 (15.7)	1.48 (37.6)	0.94 (23.9)	5300 (365)	2600 (179)
3/4	3/4	-PSV-RT12	1.36 (34.5)	1.25 (31.8)	0.81 (20.6)	0.62 (15.7)	1.36 (34.5)	0.75 (19.1)	5100 (351)	2500 (172)
3/4	1	-PSV-RT12-RT16	1.48 (37.6)	1.37 (34.9)	0.81 (20.6)	0.88 (22.4)	1.48 (37.6)	0.94 (23.9)	5100 (351)	2500 (172)
1	1	-PSV-RT16	1.81 (46.0)	1.69 (42.9)	1.00 (25.4)	0.88 (22.4)	1.81 (46.0)	0.94 (23.9)	5300 (365)	2600 (179)
1 1/4	1 1/4	-PSV-RT20	2.00 (50.8)	2.00 (50.8)	1.00 (25.4)	1.25 (31.8)	2.00 (50.8)	0.94 (23.9)	3100 (213)	1600 (110)

Female Elbows



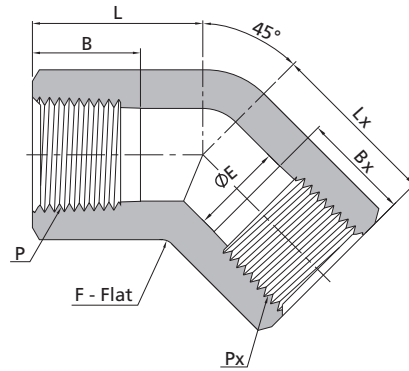
Female NPT Threads

P-NPT Size	Px-NPT Size	Basic Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)	
			L	F	B	E	Lx	Bx	316 SS, Steel	Brass
1/16	1/16	-PE-NS1	0.86 (21.8)	0.44 (11.1)	0.39 (9.9)	0.19 (4.8)	0.86 (21.8)	0.39 (9.9)	6700 (460)	3300 (227)
1/8	1/16	-PE-NS2-NS1	1.04 (26.4)	0.50 (12.7)	0.41 (10.4)	0.19 (4.8)	1.04 (26.4)	0.39 (9.9)	6200 (427)	3100 (213)
1/8	1/8	-PE-NS2	1.04 (26.4)	0.50 (12.7)	0.41 (10.4)	0.28 (7.1)	1.04 (26.4)	0.41 (10.4)	6200 (427)	3100 (213)
1/4	1/8	-PE-NS4-NS2	1.17 (29.7)	0.69 (17.5)	0.59 (15.0)	0.28 (7.1)	1.17 (29.7)	0.41 (10.4)	7200 (496)	3600 (248)
1/4	1/4	-PE-NS4	1.17 (29.7)	0.69 (17.5)	0.59 (15.0)	0.41 (10.4)	1.17 (29.7)	0.59 (15.0)	7200 (496)	3600 (248)
3/8	3/8	-PE-NS6	1.42 (36.1)	0.81 (20.6)	0.59 (15.0)	0.50 (12.7)	1.42 (36.1)	0.59 (15.0)	5600 (385)	2800 (192)
1/2	1/2	-PE-NS8	1.56 (39.6)	1.00 (25.4)	0.78 (19.8)	0.67 (17.1)	1.56 (39.6)	0.78 (19.8)	5600 (385)	2800 (192)
3/4	3/4	-PE-NS12	1.92 (48.8)	1.25 (31.8)	0.81 (20.6)	0.88 (22.4)	1.92 (48.8)	0.81 (20.6)	5100 (351)	2500 (172)
1	1	-PE-NS16	1.91 (48.5)	1.69 (42.9)	1.00 (25.4)	1.11 (28.1)	1.91 (48.5)	1.00 (25.4)	6400 (440)	3200 (220)
1 1/4	1 1/4	-PE-NS20	2.35 (59.8)	2.00 (50.8)	1.00 (25.4)	1.09 (27.7)	2.35 (59.8)	1.00 (25.4)	3100 (213)	1600 (110)

Female ISO Tapered Threads

P-RT Size	Px-RT Size	Basic Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)	
			L	F	B	E	Lx	Bx	316 SS, Steel	Brass
1/16	1/16	-PE-RT1	0.86 (21.8)	0.44 (11.1)	0.39 (9.9)	0.19 (4.8)	0.86 (21.8)	0.39 (9.9)	6700 (460)	3300 (227)
1/8	1/16	-PE-RT2-RT1	1.04 (26.4)	0.50 (12.7)	0.41 (10.4)	0.19 (4.8)	1.04 (26.4)	0.39 (9.9)	6200 (427)	3100 (213)
1/8	1/8	-PE-RT2	1.04 (26.4)	0.50 (12.7)	0.41 (10.4)	0.28 (7.1)	1.04 (26.4)	0.41 (10.4)	6200 (427)	3100 (213)
1/4	1/8	-PE-RT4-RT2	1.17 (29.7)	0.69 (17.5)	0.59 (15.0)	0.28 (7.1)	1.17 (29.7)	0.41 (10.4)	7200 (496)	3600 (248)
1/4	1/4	-PE-RT4	1.17 (29.7)	0.69 (17.5)	0.59 (15.0)	0.41 (10.4)	1.17 (29.7)	0.59 (15.0)	7200 (496)	3600 (248)
3/8	3/8	-PE-RT6	1.42 (36.1)	0.81 (20.6)	0.59 (15.0)	0.50 (12.7)	1.42 (36.1)	0.59 (15.0)	5600 (385)	2800 (192)
1/2	1/2	-PE-RT8	1.56 (39.6)	1.00 (25.4)	0.78 (19.8)	0.67 (17.1)	1.56 (39.6)	0.78 (19.8)	5600 (385)	2800 (192)
3/4	3/4	-PE-RT12	1.92 (48.8)	1.25 (31.8)	0.81 (20.6)	0.88 (22.4)	1.92 (48.8)	0.81 (20.6)	5100 (351)	2500 (172)
1	1	-PE-RT16	1.91 (48.5)	1.69 (42.9)	1.00 (25.4)	1.11 (28.1)	1.91 (48.5)	1.00 (25.4)	6400 (440)	3200 (220)
1 1/4	1 1/4	-PE-RT20	2.35 (59.8)	2.00 (50.8)	1.00 (25.4)	1.09 (27.7)	2.35 (59.8)	1.00 (25.4)	3100 (213)	1600 (110)

45° Female Elbows



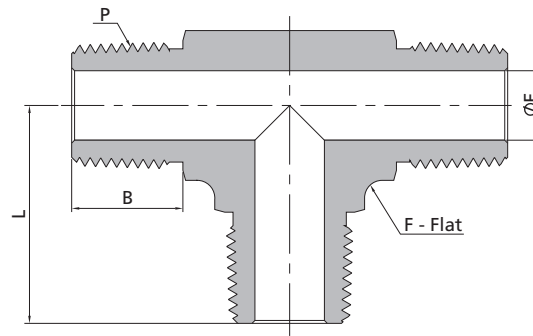
Female NPT Threads

P-NPT Size	Px-NPT Size	Basic Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)	
			L	F	B	E	Lx	Bx	316 SS, Steel	Brass
1/16	1/16	-PVE-NS1	0.66 (16.8)	0.44 (11.1)	0.39 (9.9)	0.19 (4.8)	0.66 (16.8)	0.39 (9.9)	6700 (460)	3300 (227)
1/8	1/16	-PVE-NS2-NS1	0.80 (20.2)	0.50 (12.7)	0.41 (10.4)	0.19 (4.8)	0.80 (20.2)	0.39 (9.9)	6200 (427)	3100 (213)
1/8	1/8	-PVE-NS2	0.80 (20.2)	0.50 (12.7)	0.41 (10.4)	0.28 (7.1)	0.80 (20.2)	0.41 (10.4)	6200 (427)	3100 (213)
1/4	1/8	-PVE-NS4-NS2	1.00 (25.4)	0.69 (17.5)	0.59 (15.0)	0.28 (7.1)	1.00 (25.4)	0.41 (10.4)	7200 (496)	3600 (248)
1/4	1/4	-PVE-NS4	1.00 (25.4)	0.69 (17.5)	0.59 (15.0)	0.41 (10.4)	1.00 (25.4)	0.59 (15.0)	7200 (496)	3600 (248)
3/8	3/8	-PVE-NS6	1.06 (27.0)	0.81 (20.6)	0.59 (15.0)	0.50 (12.7)	1.06 (27.0)	0.59 (15.0)	5600 (385)	2800 (192)
1/2	1/2	-PVE-NS8	1.26 (32.0)	1.00 (25.4)	0.78 (19.8)	0.67 (17.1)	1.26 (32.0)	0.78 (19.8)	5600 (385)	2800 (192)
3/4	3/4	-PVE-NS12	1.36 (34.5)	1.25 (31.8)	0.81 (20.6)	0.88 (22.4)	1.36 (34.5)	0.81 (20.6)	5100 (351)	2500 (172)
1	1	-PVE-NS16	2.46 (62.6)	2.00 (50.8)	1.00 (25.4)	1.11 (28.1)	1.81 (46.0)	1.00 (25.4)	6400 (440)	3200 (220)
1 1/4	1 1/4	-PVE-NS20	1.70 (43.2)	2.00 (50.8)	1.00 (25.4)	1.09 (27.7)	1.70 (43.2)	1.00 (25.4)	3100 (213)	1600 (110)

Female ISO Tapered Threads

P-RT Size	Px-RT Size	Basic Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)	
			L	F	B	E	Lx	Bx	316 SS, Steel	Brass
1/16	1/16	-PVE-RT1	0.66 (16.8)	0.44 (11.1)	0.39 (9.9)	0.19 (4.8)	0.66 (16.8)	0.39 (9.9)	6700 (460)	3300 (227)
1/8	1/16	-PVE-RT2-RT1	0.80 (20.2)	0.50 (12.7)	0.41 (10.4)	0.19 (4.8)	0.80 (20.2)	0.39 (9.9)	6200 (427)	3100 (213)
1/8	1/8	-PVE-RT2	0.80 (20.2)	0.50 (12.7)	0.41 (10.4)	0.28 (7.1)	0.80 (20.2)	0.41 (10.4)	6200 (427)	3100 (213)
1/4	1/8	-PVE-RT4-RT2	1.00 (25.4)	0.69 (17.5)	0.59 (15.0)	0.28 (7.1)	1.00 (25.4)	0.41 (10.4)	7200 (496)	3600 (248)
1/4	1/4	-PVE-RT4	1.00 (25.4)	0.69 (17.5)	0.59 (15.0)	0.41 (10.4)	1.00 (25.4)	0.59 (15.0)	7200 (496)	3600 (248)
3/8	3/8	-PVE-RT6	1.06 (27.0)	0.81 (20.6)	0.59 (15.0)	0.50 (12.7)	1.06 (27.0)	0.59 (15.0)	5600 (385)	2800 (192)
1/2	1/2	-PVE-RT8	1.26 (32.0)	1.00 (25.4)	0.78 (19.8)	0.67 (17.1)	1.26 (32.0)	0.78 (19.8)	5600 (385)	2800 (192)
3/4	3/4	-PVE-RT12	1.36 (34.5)	1.25 (31.8)	0.81 (20.6)	0.88 (22.4)	1.36 (34.5)	0.81 (20.6)	5100 (351)	2500 (172)
1	1	-PVE-RT16	2.46 (62.6)	2.00 (50.8)	1.00 (25.4)	1.11 (28.1)	1.81 (46.0)	1.00 (25.4)	6400 (440)	3200 (220)
1 1/4	1 1/4	-PVE-RT20	1.70 (43.2)	2.00 (50.8)	1.00 (25.4)	1.09 (27.7)	1.70 (43.2)	1.00 (25.4)	3100 (213)	1600 (110)

Male Tees



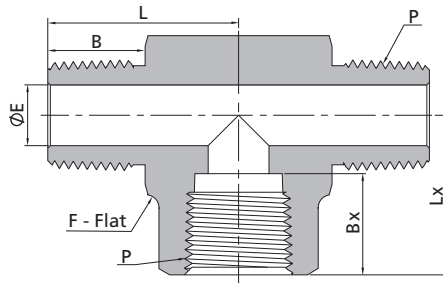
Male NPT Threads

P-NPT Size	Basic Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)	
		L	F	B	E	316 SS, Steel	Brass
1/16	-PMT-NS1	0.67 (17.0)	0.37 (9.5)	0.38 (9.7)	0.12 (3.0)	11000 (757)	5500 (378)
1/8	-PMT-NS2	0.88 (22.4)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	10000 (690)	5000 (344)
1/4	-PMT-NS4	1.05 (26.7)	0.50 (12.7)	0.56 (14.2)	0.28 (7.1)	8000 (551)	4000 (275)
3/8	-PMT-NS6	1.17 (29.7)	0.69 (17.5)	0.56 (14.2)	0.38 (9.6)	7800 (537)	3900 (268)
1/2	-PMT-NS8	1.45 (36.8)	0.81 (20.6)	0.75 (19.1)	0.47 (11.9)	7700 (530)	3800 (261)
3/4	-PMT-NS12	1.67 (42.4)	1.06 (27.0)	0.75 (19.1)	0.62 (15.7)	7300 (502)	3600 (248)
1	-PMT-NS16	1.94 (49.3)	1.37 (34.9)	0.94 (23.9)	0.88 (22.4)	5300 (365)	2600 (179)

Male ISO Tapered Threads

P-RT Size	Basic Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)	
		L	F	B	E	316 SS, Steel	Brass
1/16	-PMT-RT1	0.67 (17.0)	0.37 (9.5)	0.38 (9.7)	0.12 (3.0)	11000 (757)	5500 (378)
1/8	-PMT-RT2	0.88 (22.4)	0.44 (11.1)	0.38 (9.7)	0.19 (4.8)	10000 (690)	5000 (344)
1/4	-PMT-RT4	1.05 (26.7)	0.50 (12.7)	0.56 (14.2)	0.28 (7.1)	8000 (551)	4000 (275)
3/8	-PMT-RT6	1.17 (29.7)	0.69 (17.5)	0.56 (14.2)	0.38 (9.6)	7800 (537)	3900 (268)
1/2	-PMT-RT8	1.45 (36.8)	0.81 (20.6)	0.75 (19.1)	0.47 (11.9)	7700 (530)	3800 (261)
3/4	-PMT-RT12	1.67 (42.4)	1.06 (27.0)	0.75 (19.1)	0.62 (15.7)	7300 (502)	3600 (248)
1	-PMT-RT16	1.94 (49.3)	1.37 (34.9)	0.94 (23.9)	0.88 (22.4)	5300 (365)	2600 (179)

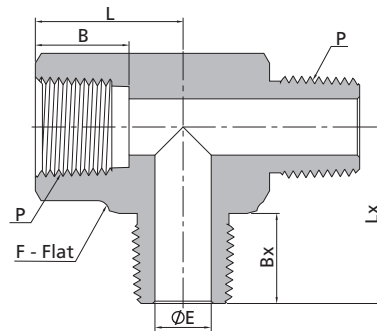
Female Branch Tees



NPT Threads									
P-NPT Size	Basic Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)	
		L	F	E	B	Lx	Bx	316 SS, Steel	Brass
1/16	-PTB-NS1	0.72 (18.3)	0.44 (11.1)	0.12 (3.0)	0.38 (9.7)	0.86 (21.8)	0.39 (9.9)	9200 (633)	4600 (316)
1/8	-PTB-NS2	0.87 (22.1)	0.50 (12.7)	0.19 (4.8)	0.38 (9.7)	1.04 (26.4)	0.41 (10.4)	6200 (427)	3100 (213)
1/4	-PTB-NS4	1.17 (29.7)	0.69 (17.5)	0.28 (7.1)	0.56 (14.2)	1.17 (29.7)	0.59 (15.0)	7200 (496)	3600 (248)
3/8	-PTB-NS6	1.26 (32.0)	0.81 (20.6)	0.38 (9.6)	0.56 (14.2)	1.42 (36.1)	0.59 (15.0)	5600 (385)	2800 (192)
1/2	-PTB-NS8	1.56 (39.6)	1.00 (25.4)	0.47 (11.9)	0.75 (19.1)	1.56 (39.6)	0.78 (19.8)	5600 (385)	2800 (192)
3/4	-PTB-NS12	1.67 (42.4)	1.25 (31.8)	0.62 (15.7)	0.75 (19.1)	1.92 (48.8)	0.81 (20.6)	5100 (351)	2500 (172)
1	-PTB-NS16	2.05 (52.0)	1.69 (42.9)	0.88 (22.4)	0.94 (23.9)	1.91 (48.5)	1.00 (25.4)	5300 (365)	2600 (179)

ISO Tapered Threads									
P-RT Size	Basic Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)	
		L	F	E	B	Lx	Bx	316 SS, Steel	Brass
1/16	-PTB-RT1	0.72 (18.3)	0.44 (11.1)	0.12 (3.0)	0.38 (9.7)	0.86 (21.8)	0.39 (9.9)	9200 (633)	4600 (316)
1/8	-PTB-RT2	0.87 (22.1)	0.50 (12.7)	0.19 (4.8)	0.38 (9.7)	1.04 (26.4)	0.41 (10.4)	6200 (427)	3100 (213)
1/4	-PTB-RT4	1.17 (29.7)	0.69 (17.5)	0.28 (7.1)	0.56 (14.2)	1.17 (29.7)	0.59 (15.0)	7200 (496)	3600 (248)
3/8	-PTB-RT6	1.26 (32.0)	0.81 (20.6)	0.38 (9.6)	0.56 (14.2)	1.42 (36.1)	0.59 (15.0)	5600 (385)	2800 (192)
1/2	-PTB-RT8	1.56 (39.6)	1.00 (25.4)	0.47 (11.9)	0.75 (19.1)	1.56 (39.6)	0.78 (19.8)	5600 (385)	2800 (192)
3/4	-PTB-RT12	1.67 (42.4)	1.25 (31.8)	0.62 (15.7)	0.75 (19.1)	1.92 (48.8)	0.81 (20.6)	5100 (351)	2500 (172)
1	-PTB-RT16	2.05 (52.0)	1.69 (42.9)	0.88 (22.4)	0.94 (23.9)	1.91 (48.5)	1.00 (25.4)	5300 (365)	2600 (179)

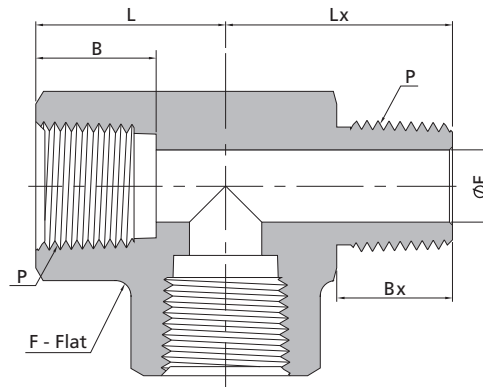
Female Run Tees



NPT Threads									
P-NPT Size	Basic Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)	
		L	F	E	B	Lx	Bx	316 SS, Steel	Brass
1/16	-PTR-NS1	0.86 (21.8)	0.44 (11.1)	0.12 (3.0)	0.39 (9.9)	0.72 (18.3)	0.38 (9.7)	9200 (633)	4600 (316)
1/8	-PTR-NS2	1.04 (26.4)	0.50 (12.7)	0.19 (4.8)	0.41 (10.4)	0.87 (22.1)	0.38 (9.7)	6200 (427)	3100 (213)
1/4	-PTR-NS4	1.17 (29.7)	0.69 (17.5)	0.28 (7.1)	0.59 (15.0)	1.17 (29.7)	0.56 (14.2)	7200 (496)	3600 (248)
3/8	-PTR-NS6	1.42 (36.1)	0.81 (20.6)	0.38 (9.6)	0.59 (15.0)	1.26 (32.0)	0.56 (14.2)	5600 (385)	2800 (192)
1/2	-PTR-NS8	1.56 (39.6)	1.00 (25.4)	0.47 (11.9)	0.78 (19.8)	1.56 (39.6)	0.75 (19.1)	5600 (385)	2800 (192)
3/4	-PTR-NS12	1.92 (48.8)	1.25 (31.8)	0.62 (15.7)	0.81 (20.6)	1.67 (42.4)	0.75 (19.1)	5100 (351)	2500 (172)
1	-PTR-NS16	1.91 (48.5)	1.69 (42.9)	0.88 (22.4)	1.00 (25.4)	1.94 (49.3)	0.94 (23.9)	5300 (365)	2600 (179)

ISO Tapered Threads									
P-RT Size	Basic Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)	
		L	F	E	B	Lx	Bx	316 SS, Steel	Brass
1/16	-PTR-RT1	0.86 (21.8)	0.44 (11.1)	0.12 (3.0)	0.39 (9.9)	0.72 (18.3)	0.38 (9.7)	9200 (633)	4600 (316)
1/8	-PTR-RT2	1.04 (26.4)	0.50 (12.7)	0.19 (4.8)	0.41 (10.4)	0.87 (22.1)	0.38 (9.7)	6200 (427)	3100 (213)
1/4	-PTR-RT4	1.17 (29.7)	0.69 (17.5)	0.28 (7.1)	0.59 (15.0)	1.17 (29.7)	0.56 (14.2)	7200 (496)	3600 (248)
3/8	-PTR-RT6	1.42 (36.1)	0.81 (20.6)	0.38 (9.6)	0.59 (15.0)	1.26 (32.0)	0.56 (14.2)	5600 (385)	2800 (192)
1/2	-PTR-RT8	1.56 (39.6)	1.00 (25.4)	0.47 (11.9)	0.78 (19.8)	1.56 (39.6)	0.75 (19.1)	5600 (385)	2800 (192)
3/4	-PTR-RT12	1.92 (48.8)	1.25 (31.8)	0.62 (15.7)	0.81 (20.6)	1.67 (42.4)	0.75 (19.1)	5100 (351)	2500 (172)
1	-PTR-RT16	1.91 (48.5)	1.69 (42.9)	0.88 (22.4)	1.00 (25.4)	1.94 (49.3)	0.94 (23.9)	5300 (365)	2600 (179)

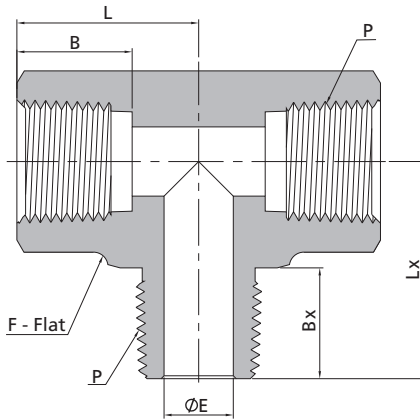
Male Street Tees



NPT Threads									
P-NPT Size	Basic Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)	
		L	F	E	B	Lx	Bx	316 SS, Steel	Brass
1/16	-PST-NS1	0.86 (21.8)	0.44 (11.1)	0.12 (3.0)	0.39 (9.9)	0.72 (18.3)	0.38 (9.7)	9200 (633)	4600 (316)
1/8	-PST-NS2	1.04 (26.4)	0.50 (12.7)	0.19 (4.8)	0.41 (10.4)	0.87 (22.1)	0.38 (9.7)	6200 (427)	3100 (213)
1/4	-PST-NS4	1.17 (29.7)	0.69 (17.5)	0.28 (7.1)	0.59 (15.0)	1.17 (29.7)	0.56 (14.2)	7200 (496)	3600 (248)
3/8	-PST-NS6	1.42 (36.1)	0.81 (20.6)	0.38 (9.6)	0.59 (15.0)	1.26 (32.0)	0.56 (14.2)	5600 (385)	2800 (192)
1/2	-PST-NS8	1.56 (39.6)	1.00 (25.4)	0.47 (11.9)	0.78 (19.8)	1.56 (39.6)	0.75 (19.1)	5600 (385)	2800 (192)
3/4	-PST-NS12	1.92 (48.8)	1.25 (31.8)	0.62 (15.7)	0.81 (20.6)	1.67 (42.4)	0.75 (19.1)	5100 (351)	2500 (172)
1	-PST-NS16	1.91 (48.5)	1.69 (42.9)	0.88 (22.4)	1.00 (25.4)	1.94 (49.3)	0.94 (23.9)	5300 (365)	2600 (179)

ISO Tapered Threads									
P-RT Size	Basic Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)	
		L	F	E	B	Lx	Bx	316 SS, Steel	Brass
1/16	-PST-RT1	0.86 (21.8)	0.44 (11.1)	0.12 (3.0)	0.39 (9.9)	0.72 (18.3)	0.38 (9.7)	9200 (633)	4600 (316)
1/8	-PST-RT2	1.04 (26.4)	0.50 (12.7)	0.19 (4.8)	0.41 (10.4)	0.87 (22.1)	0.38 (9.7)	6200 (427)	3100 (213)
1/4	-PST-RT4	1.17 (29.7)	0.69 (17.5)	0.28 (7.1)	0.59 (15.0)	1.17 (29.7)	0.56 (14.2)	7200 (496)	3600 (248)
3/8	-PST-RT6	1.42 (36.1)	0.81 (20.6)	0.38 (9.6)	0.59 (15.0)	1.26 (32.0)	0.56 (14.2)	5600 (385)	2800 (192)
1/2	-PST-RT8	1.56 (39.6)	1.00 (25.4)	0.47 (11.9)	0.78 (19.8)	1.56 (39.6)	0.75 (19.1)	5600 (385)	2800 (192)
3/4	-PST-RT12	1.92 (48.8)	1.25 (31.8)	0.62 (15.7)	0.81 (20.6)	1.67 (42.4)	0.75 (19.1)	5100 (351)	2500 (172)
1	-PST-RT16	1.91 (48.5)	1.69 (42.9)	0.88 (22.4)	1.00 (25.4)	1.94 (49.3)	0.94 (23.9)	5300 (365)	2600 (179)

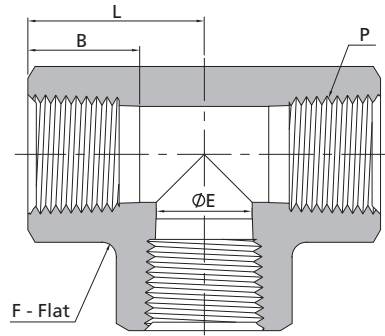
Male Branch Tees



NPT Threads									
P-NPT Size	Basic Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)	
		L	F	E	B	Lx	Bx	316 SS, Steel	Brass
1/16	-PBT-NS1	0.86 (21.8)	0.44 (11.1)	0.12 (3.0)	0.39 (9.9)	0.72 (18.3)	0.38 (9.7)	9200 (633)	4600 (316)
1/8	-PBT-NS2	1.04 (26.4)	0.50 (12.7)	0.19 (4.8)	0.41 (10.4)	0.87 (22.1)	0.38 (9.7)	6200 (427)	3100 (213)
1/4	-PBT-NS4	1.17 (29.7)	0.69 (17.5)	0.28 (7.1)	0.59 (15.0)	1.17 (29.7)	0.56 (14.2)	7200 (496)	3600 (248)
3/8	-PBT-NS6	1.42 (36.1)	0.81 (20.6)	0.38 (9.6)	0.59 (15.0)	1.26 (32.0)	0.56 (14.2)	5600 (385)	2800 (192)
1/2	-PBT-NS8	1.56 (39.6)	1.00 (25.4)	0.47 (11.9)	0.78 (19.8)	1.56 (39.6)	0.75 (19.1)	5600 (385)	2800 (192)
3/4	-PBT-NS12	1.92 (48.8)	1.25 (31.8)	0.62 (15.7)	0.81 (20.6)	1.67 (42.4)	0.75 (19.1)	5100 (351)	2500 (172)
1	-PBT-NS16	1.91 (48.5)	1.69 (42.9)	0.88 (22.4)	1.00 (25.4)	1.94 (49.3)	0.94 (23.9)	5300 (365)	2600 (179)

ISO Tapered Threads									
P-RT Size	Basic Ordering Number	Dimensions, in. (mm)						Working Pressure psig (bar)	
		L	F	E	B	Lx	Bx	316 SS, Steel	Brass
1/16	-PBT-RT1	0.86 (21.8)	0.44 (11.1)	0.12 (3.0)	0.39 (9.9)	0.72 (18.3)	0.38 (9.7)	9200 (633)	4600 (316)
1/8	-PBT-RT2	1.04 (26.4)	0.50 (12.7)	0.19 (4.8)	0.41 (10.4)	0.87 (22.1)	0.38 (9.7)	6200 (427)	3100 (213)
1/4	-PBT-RT4	1.17 (29.7)	0.69 (17.5)	0.28 (7.1)	0.59 (15.0)	1.17 (29.7)	0.56 (14.2)	7200 (496)	3600 (248)
3/8	-PBT-RT6	1.42 (36.1)	0.81 (20.6)	0.38 (9.6)	0.59 (15.0)	1.26 (32.0)	0.56 (14.2)	5600 (385)	2800 (192)
1/2	-PBT-RT8	1.56 (39.6)	1.00 (25.4)	0.47 (11.9)	0.78 (19.8)	1.56 (39.6)	0.75 (19.1)	5600 (385)	2800 (192)
3/4	-PBT-RT12	1.92 (48.8)	1.25 (31.8)	0.62 (15.7)	0.81 (20.6)	1.67 (42.4)	0.75 (19.1)	5100 (351)	2500 (172)
1	-PBT-RT16	1.91 (48.5)	1.69 (42.9)	0.88 (22.4)	1.00 (25.4)	1.94 (49.3)	0.94 (23.9)	5300 (365)	2600 (179)

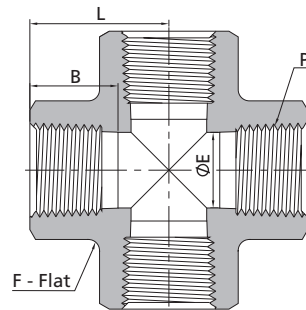
Female Tees



Female NPT Threads							
P-NPT Size	Basic Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)	
		L	F	E	B	316 SS, Steel	Brass
1/16	-PT-NS1	0.86 (21.8)	0.44 (11.1)	0.19 (4.8)	0.39 (9.9)	6700 (460)	3300 (227)
1/8	-PT-NS2	1.04 (26.4)	0.50 (12.7)	0.34 (8.6)	0.41 (10.4)	6200 (427)	3100 (213)
1/4	-PT-NS4	1.17 (29.7)	0.69 (17.5)	0.45 (11.4)	0.59 (15.0)	7200 (496)	3600 (248)
3/8	-PT-NS6	1.42 (36.1)	0.81 (20.6)	0.59 (15.0)	0.59 (15.0)	5600 (385)	2800 (192)
1/2	-PT-NS8	1.56 (39.6)	1.00 (25.4)	0.73 (18.5)	0.78 (19.8)	5600 (385)	2800 (192)
3/4	-PT-NS12	1.92 (48.8)	1.25 (31.8)	0.94 (23.9)	0.81 (20.6)	5100 (351)	2500 (172)
1	-PT-NS16	1.91 (48.5)	1.69 (42.9)	1.17 (29.7)	1.00 (25.4)	6400 (440)	3200 (220)
1 1/4	-PT-NS20	2.35 (59.8)	2.00 (50.8)	1.46 (37.2)	1.00 (25.4)	3100 (213)	1600 (110)
1 1/2	-PT-NS24	2.56 (65.0)	2.50 (63.5)	1.70 (43.3)	1.09 (27.7)	5100 (351)	2500 (172)

Female ISO Tapered Threads							
P-RT Size	Basic Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)	
		L	F	E	B	316 SS, Steel	Brass
1/16	-PT-RT1	0.86 (21.8)	0.44 (11.1)	0.19 (4.8)	0.39 (9.9)	6700 (460)	3300 (227)
1/8	-PT-RT2	1.04 (26.4)	0.50 (12.7)	0.34 (8.6)	0.41 (10.4)	6200 (427)	3100 (213)
1/4	-PT-RT4	1.17 (29.7)	0.69 (17.5)	0.44 (11.2)	0.59 (15.0)	7200 (496)	3600 (248)
3/8	-PT-RT6	1.42 (36.1)	0.81 (20.6)	0.58 (14.7)	0.59 (15.0)	5600 (385)	2800 (192)
1/2	-PT-RT8	1.56 (39.6)	1.00 (25.4)	0.72 (18.3)	0.78 (19.8)	5600 (385)	2800 (192)
3/4	-PT-RT12	1.92 (48.8)	1.25 (31.8)	0.94 (23.9)	0.81 (20.6)	5100 (351)	2500 (172)
1	-PT-RT16	1.91 (48.5)	1.69 (42.9)	1.17 (29.7)	1.00 (25.4)	6400 (440)	3200 (220)
1 1/4	-PT-RT20	2.35 (59.8)	2.00 (50.8)	1.46 (37.2)	1.00 (25.4)	3100 (213)	1600 (110)
1 1/2	-PT-RT24	2.56 (65.0)	2.50 (63.5)	1.70 (43.3)	1.09 (27.7)	5100 (351)	2500 (172)

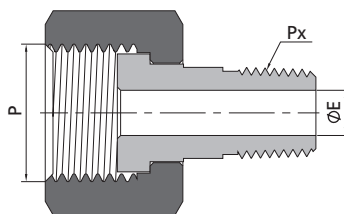
Female Crosses



Female NPT Threads							
P-NPT Size	Basic Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)	
		L	F	E	B	316 SS, Steel	Brass
1/16	-PCR-NS1	0.86 (21.8)	0.44 (11.1)	0.19 (4.8)	0.39 (9.9)	6700 (460)	3300 (227)
1/8	-PCR-NS2	1.04 (26.4)	0.50 (12.7)	0.34 (8.6)	0.41 (10.4)	6200 (427)	3100 (213)
1/4	-PCR-NS4	1.17 (29.7)	0.69 (17.5)	0.45 (11.4)	0.59 (15.0)	7200 (496)	3600 (248)
3/8	-PCR-NS6	1.42 (36.1)	0.81 (20.6)	0.59 (15.0)	0.59 (15.0)	5600 (385)	2800 (192)
1/2	-PCR-NS8	1.56 (39.6)	1.00 (25.4)	0.73 (18.5)	0.78 (19.8)	5600 (385)	2800 (192)
3/4	-PCR-NS12	1.92 (48.8)	1.25 (31.8)	0.94 (23.9)	0.81 (20.6)	5100 (351)	2500 (172)
1	-PCR-NS16	1.91 (48.5)	1.69 (42.9)	1.17 (29.7)	1.00 (25.4)	6400 (440)	3200 (220)

Female ISO Tapered Threads							
P-RT Size	Basic Ordering Number	Dimensions, in. (mm)				Working Pressure psig (bar)	
		L	F	E	B	316 SS, Steel	Brass
1/16	-PCR-RT1	0.86 (21.8)	0.44 (11.1)	0.19 (4.8)	0.39 (9.9)	6700 (460)	3300 (227)
1/8	-PCR-RT2	1.04 (26.4)	0.50 (12.7)	0.34 (8.6)	0.41 (10.4)	6200 (427)	3100 (213)
1/4	-PCR-RT4	1.17 (29.7)	0.69 (17.5)	0.45 (11.4)	0.59 (15.0)	7200 (496)	3600 (248)
3/8	-PCR-RT6	1.42 (36.1)	0.81 (20.6)	0.59 (15.0)	0.59 (15.0)	5600 (385)	2800 (192)
1/2	-PCR-RT8	1.56 (39.6)	1.00 (25.4)	0.73 (18.5)	0.78 (19.8)	5600 (385)	2800 (192)
3/4	-PCR-RT12	1.92 (48.8)	1.25 (31.8)	0.94 (23.9)	0.81 (20.6)	5100 (351)	2500 (172)
1	-PCR-RT16	1.91 (48.5)	1.69 (42.9)	1.17 (29.7)	1.00 (25.4)	6400 (440)	3200 (220)

Pipe to Pipe Unions

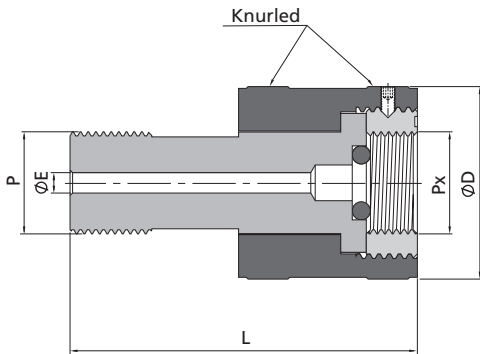


Metric Threads			NPT Threads	
P-Metric Thread Size	Px-NPT Size	Basic Ordering Number	Dimensions, in. (mm)	Working Pressure psig (bar)
			E	316 SS, Steel
M20 x 1.5	1/8	-PUP-MS20-NS2	0.19 (4.8)	4500 (310)
M20 x 1.5	1/4	-PUP-MS20-NS4	0.28 (7.1)	4500 (310)

Metric Threads			ISO Tapered Threads	
P-Metric Thread Size	Px-RT Size	Basic Ordering Number	Dimensions, in. (mm)	Working Pressure psig (bar)
			E	316 SS, Steel
M20 x 1.5	1/8	-PUP-MS20-RT2	0.19 (4.8)	4500 (310)
M20 x 1.5	1/4	-PUP-MS20-RT4	0.28 (7.1)	4500 (310)

ISO Parallel Threads			NPT Threads	
P-ISO Pipe Size	Px- NPT Size	Basic Ordering Number	Dimensions, in. (mm)	Working Pressure psig (bar) 316 SS, Steel
			E	
1/2	1/8	-PUP-RG8-NS2	0.19 (4.8)	4900 (337)
1/2	1/4	-PUP-RG8-NS4	0.28 (7.1)	4900 (337)

Hand Tight Adapter Fittings

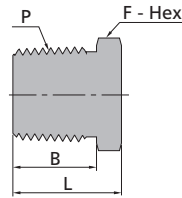


Metric Threads						
P-Metric Thread Size	Px-Metric Thread Size	Basic Ordering Number	Dimensions, mm (in.)			Working Pressure psig (bar) 316 SS, Steel
			L	D	E	
M14 x 1.5	M14 x 1.5	-HF-MS14	58.0 (2.28)	27.0 (1.06)	3.2 (0.13)	6100 (425)
M14 x 1.5	M20 x 1.5	-HF-MS14-MS20	58.0 (2.28)	37.5 (1.48)	3.2 (0.13)	5700 (393)
M20 x 1.5	M14 x 1.5	-HF-MS20-MS14	68.0 (2.68)	32.0 (1.26)	4.0 (0.16)	6100 (425)
M20 x 1.5	M20 x 1.5	-HF-MS20	68.0 (2.68)	37.5 (1.48)	4.0 (0.16)	5700 (393)
M20 x 1.5	M22 x 1.5	-HF-MS20-MS22	68.0 (2.68)	37.5 (1.48)	4.0 (0.16)	4000 (275)

Metric Threads			ISO Parallel Threads			
P-Metric Thread Size	Px-ISO Thread Size	Basic Ordering Number	Dimensions, mm (in.)			Working Pressure psig (bar) 316 SS, Steel
			L	D	E	
M20 x 1.5	1/4	-HF-MS20-RG4	68.0 (2.68)	32.0 (1.26)	3.2 (0.13)	6500 (447)
M20 x 1.5	3/8	-HF-MS20-RG6	68.0 (2.68)	32.0 (1.26)	3.6 (0.14)	4300 (297)
M20 x 1.5	1/2	-HF-MS20-RG8	68.0 (2.68)	37.5 (1.48)	4.0 (0.16)	4800 (334)

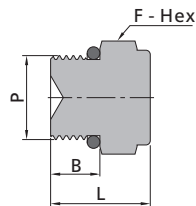
ISO Parallel Threads						
P-ISO Thread Size	Px-ISO Thread Size	Basic Ordering Number	Dimensions, mm (in.)			Working Pressure psig (bar) 316 SS, Steel
			L	D	E	
1/2	1/4	-HF-BP8-RG4	68.0 (2.68)	32.0 (1.26)	3.2 (0.13)	6500 (447)
1/2	3/8	-HF-BP8-RG6	68.0 (2.68)	32.0 (1.26)	3.6 (0.14)	4300 (297)
1/2	1/2	-HF-BP8-RG8	68.0 (2.68)	37.5 (1.48)	4.0 (0.16)	4800 (334)

Pipe Plugs



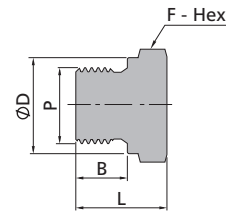
Male NPT Threads				
P-NPT Size	Basic Ordering Number	Dimensions, in. (mm)		
		L	F	B
1/16	-PP-NS1	0.56 (14.2)	0.31 (7.9)	0.38 (9.7)
1/8	-PP-NS2	0.56 (14.2)	0.44 (11.1)	0.38 (9.7)
1/4	-PP-NS4	0.75 (19.1)	0.56 (14.3)	0.56 (14.2)
3/8	-PP-NS6	0.78 (19.8)	0.69 (17.5)	0.56 (14.2)
1/2	-PP-NS8	0.97 (24.6)	0.87 (22.2)	0.75 (19.1)
3/4	-PP-NS12	1.21 (30.7)	1.06 (27.0)	0.75 (19.1)
1	-PP-NS16	1.50 (38.1)	1.37 (34.9)	0.94 (23.9)
1 1/4	-PP-NS20	1.51 (38.4)	1.75 (44.5)	0.94 (23.9)
1 1/2	-PP-NS24	1.72 (43.7)	2.00 (50.8)	1.03 (26.2)
2	-PP-NS32	2.00 (50.8)	2.50 (63.5)	1.06 (26.9)

Male ISO Tapered Threads				
P-RT Size	Basic Ordering Number	Dimensions, in. (mm)		
		L	F	B
1/16	-PP-RT1	0.56 (14.2)	0.31 (7.9)	0.38 (9.7)
1/8	-PP-RT2	0.56 (14.2)	0.44 (11.1)	0.38 (9.7)
1/4	-PP-RT4	0.75 (19.1)	0.56 (14.3)	0.56 (14.2)
3/8	-PP-RT6	0.78 (19.8)	0.69 (17.5)	0.56 (14.2)
1/2	-PP-RT8	0.97 (24.6)	0.87 (22.2)	0.75 (19.1)
3/4	-PP-RT12	1.21 (30.7)	1.06 (27.0)	0.75 (19.1)
1	-PP-RT16	1.50 (38.1)	1.37 (34.9)	0.94 (23.9)
1 1/4	-PP-RT20	1.51 (38.4)	1.75 (44.5)	0.94 (23.9)
1 1/2	-PP-RT24	1.72 (43.7)	2.00 (50.8)	1.03 (26.2)
2	-PP-RT32	2.00 (50.8)	2.50 (63.5)	1.06 (26.9)



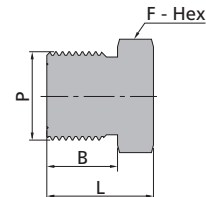
Male SAE/MS Straight Threads (ST)					
P-SAE Nominal Thread Size	P-SAE/MS Specification Number	Basic Ordering Number	Dimensions, in. (mm)		
			L	F	B
4	7/16-20	-PP-ST7	0.76 (19.3)	0.56 (14.3)	0.36 (9.1)
6	9/16-18	-PP-ST9	0.82 (20.8)	0.69 (17.5)	0.39 (9.9)
8	3/4-16	-PP-ST12	0.89 (22.6)	0.87 (22.2)	0.44 (11.2)
12	1 1/16-12	-PP-ST17	1.12 (28.4)	1.25 (31.8)	0.59 (15.0)
16	1 5/16-12	-PP-ST21	1.18 (30.0)	1.50 (38.1)	0.59 (15.0)

Dimensions are for reference only, subject to change.



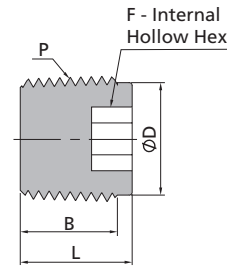
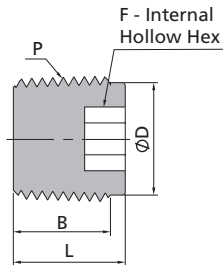
Male ISO Parallel Threads					
P-RS Size	Basic Ordering Number	Dimensions, in. (mm)			
		L	F	B	D
1/8	-PP-RS2	0.55 (14.0)	0.56 (14.3)	0.28 (7.1)	0.54 (13.7)
1/4	-PP-RS4	0.78 (19.8)	0.75 (19.1)	0.44 (11.2)	0.71 (18.0)
3/8	-PP-RS6	0.78 (19.8)	0.87 (22.2)	0.44 (11.2)	0.86 (21.8)
1/2	-PP-RS8	0.99 (25.1)	1.06 (27.0)	0.55 (14.0)	1.02 (25.9)
3/4	-PP-RS12	1.13 (28.7)	1.31 (33.3)	0.62 (15.7)	1.26 (32.0)
1	-PP-RS16	1.21 (30.7)	1.63 (41.3)	0.71 (18.0)	1.54 (39.1)

Male Metric Threads					
P-Metric Size	Basic Ordering Number	Dimensions, mm (in.)			
		L	F	B	D
M14 x 1.5	-PP-MRS14	21.0 (0.83)	20.6 (0.81)	12.0 (0.47)	18.8 (0.74)
M16 x 1.5	-PP-MRS16	23.0 (0.91)	22.2 (0.87)	12.0 (0.47)	20.8 (0.82)
M18 x 1.5	-PP-MRS18	25.0 (0.98)	23.8 (0.94)	12.0 (0.47)	22.8 (0.90)
M20 x 1.5	-PP-MRS20	26.5 (1.04)	25.4 (1.00)	14.0 (0.55)	24.8 (0.98)
M22 x 1.5	-PP-MRS22	28.8 (1.13)	28.6 (1.13)	14.0 (0.55)	26.8 (1.06)
M24 x 1.5	-PP-MRS24	29.0 (1.14)	35.0 (1.38)	14.0 (0.55)	28.8 (1.13)
M27 x 2	-PP-MRS27	30.0 (1.18)	36.5 (1.44)	16.0 (0.63)	31.8 (1.25)



Male Metric Threads				
P-Metric Size	Basic Ordering Number	Dimensions, mm (in.)		
		L	F	B
M14 x 1.5	-PP-MS14	18.0 (0.71)	16.0 (0.63)	13.0 (0.51)
M16 x 1.5	-PP-MS16	20.0 (0.79)	18.0 (0.71)	14.0 (0.55)
M18 x 1.5	-PP-MS18	22.0 (0.87)	19.0 (0.75)	15.0 (0.59)
M20 x 1.5	-PP-MS20	24.0 (0.94)	22.0 (0.87)	16.0 (0.63)
M22 x 1.5	-PP-MS22	26.0 (1.02)	24.0 (0.94)	17.0 (0.67)
M24 x 1.5	-PP-MS24	26.0 (1.02)	27.0 (1.06)	17.0 (0.67)
M27 x 2	-PP-MS27	27.0 (1.06)	30.0 (1.18)	18.0 (0.71)
M30 x 2	-PP-MS30	32.0 (1.26)	32.0 (1.26)	20.0 (0.79)

Hollow Hex Plugs

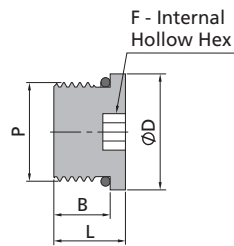


Male NPT Threads

P-NPT Size	Basic Ordering Number	Dimensions, in. (mm)			
		L	F	B	D
1/16	-PI-NS1	0.30 (7.6)	0.16 (4.0)	0.29 (7.4)	0.29 (7.4)
1/8	-PI-NS2	0.41 (10.4)	0.19 (4.8)	0.29 (7.4)	0.37 (9.4)
1/4	-PI-NS4	0.61 (15.5)	0.25 (6.4)	0.49 (12.4)	0.48 (12.1)
3/8	-PI-NS6	0.59 (15.0)	0.31 (7.9)	0.47 (11.9)	0.62 (15.7)
1/2	-PI-NS8	0.76 (19.3)	0.37 (9.5)	0.64 (16.2)	0.76 (19.3)
3/4	-PI-NS12	0.78 (19.8)	0.56 (14.3)	0.66 (16.7)	1.01 (25.7)
1	-PI-NS16	0.82 (20.8)	0.63 (15.9)	0.70 (17.7)	1.25 (31.8)

Male ISO Tapered Threads

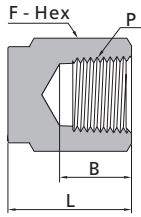
P-RT Size	Basic Ordering Number	Dimensions, in. (mm)			
		L	F	B	D
1/16	-PI-RT1	0.30 (7.6)	0.16 (4.0)	0.29 (7.4)	0.29 (7.4)
1/8	-PI-RT2	0.41 (10.4)	0.19 (4.8)	0.29 (7.4)	0.37 (9.4)
1/4	-PI-RT4	0.61 (15.5)	0.25 (6.4)	0.49 (12.4)	0.48 (12.1)
3/8	-PI-RT6	0.61 (15.5)	0.31 (7.9)	0.49 (12.4)	0.62 (15.7)
1/2	-PI-RT8	0.76 (19.3)	0.37 (9.5)	0.64 (16.2)	0.76 (19.3)
3/4	-PI-RT12	0.78 (19.8)	0.56 (14.3)	0.66 (16.7)	1.01 (25.7)
1	-PI-RT16	0.82 (20.8)	0.63 (15.9)	0.70 (17.7)	1.25 (31.8)



Male SAE/MS Straight Threads (ST)

P-SAE Nominal Size	P-SAE/MS Thread Specification	Basic Ordering Number	Dimensions, in. (mm)			
			L	F	B	D
4	7/16-20	-PI-ST7	0.45 (11.4)	0.19 (4.8)	0.36 (9.1)	0.56 (14.2)
6	9/16-18	-PI-ST9	0.48 (12.2)	0.25 (6.4)	0.39 (9.9)	0.69 (17.5)
8	3/4-16	-PI-ST12	0.56 (14.2)	0.31 (7.9)	0.44 (11.2)	0.88 (22.4)
12	1 1/16-12	-PI-ST17	0.75 (19.1)	0.56 (14.3)	0.59 (15.0)	1.25 (31.8)
16	1 5/16-12	-PI-ST21	0.75 (19.1)	0.63 (15.9)	0.59 (15.0)	1.50 (38.1)

Pipe Caps



Female NPT Threads						
P-NPT Size	Basic Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)	
		L	F	B	316 SS, Steel	Brass
1/16	-PC-NS1	0.50 (12.7)	0.44 (11.1)	0.39 (9.9)	6700 (460)	3300 (227)
1/8	-PC-NS2	0.75 (19.1)	0.56 (14.3)	0.41 (10.4)	6500 (447)	3200 (220)
1/4	-PC-NS4	0.91 (23.1)	0.75 (19.1)	0.59 (15.0)	6600 (454)	3300 (277)
3/8	-PC-NS6	1.03 (26.2)	0.87 (22.2)	0.59 (15.0)	5300 (365)	2600 (179)
1/2	-PC-NS8	1.34 (34.0)	1.06 (27.0)	0.78 (19.8)	4900 (337)	2400 (165)
3/4	-PC-NS12	1.44 (36.6)	1.31 (33.3)	0.81 (20.6)	4600 (316)	2300 (158)
1	-PC-NS16	1.62 (41.1)	1.63 (41.3)	1.00 (25.4)	4400 (303)	2200 (151)

Female ISO Tapered Threads						
P-RT Size	Basic Ordering Number	Dimensions, in. (mm)			Working Pressure psig (bar)	
		L	F	B	316 SS, Steel	Brass
1/16	-PC-RT1	0.50 (12.7)	0.44 (11.1)	0.39 (9.9)	6700 (460)	3300 (227)
1/8	-PC-RT2	0.75 (19.1)	0.56 (14.3)	0.41 (10.4)	6500 (447)	3200 (220)
1/4	-PC-RT4	0.91 (23.1)	0.75 (19.1)	0.59 (15.0)	6600 (454)	3300 (277)
3/8	-PC-RT6	1.03 (26.2)	0.87 (22.2)	0.59 (15.0)	5300 (365)	2600 (179)
1/2	-PC-RT8	1.34 (34.0)	1.06 (27.0)	0.78 (19.8)	4900 (337)	2400 (165)
3/4	-PC-RT12	1.44 (36.6)	1.31 (33.3)	0.81 (20.6)	4600 (316)	2300 (158)
1	-PC-RT16	1.62 (41.1)	1.63 (41.3)	1.00 (25.4)	4400 (303)	2200 (151)

Ordering Number Description

