INSTRUMENT

PIPE Fittings



UNILOK 76 | 77



PIPE Fittings

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Male Pipe to Male Pipe



PCN 82 Close Nipple



PRA 85 Reducing Adapter



PRC ® Reducing Coupling



PHN 82 Hex Nipple



PRB 85 Reducing Bushing



PFE 87 Female Elbow

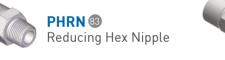




PSE 85 Street Elbow



PFT 87 Female Tee





PRSE 86 Reducing Street Elbow



PBJ 87 Ball Joint Union



PME 84 Male Elbow



PST 86 Street Tee



Components

PU 88 Pipe Union



PMT 84 Male Tee

Female Pipe to Male Pipe



PBT 86 Branch Tee



PCP 88 Pipe Cap





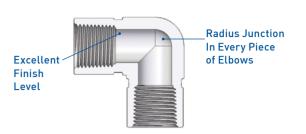
Female Pipe to Female Pipe



PPG 88 Pipe Plug

Features

Excellent finish level to allow smooth flow transition Every pieces of elbows have radius junction to eliminate entrapment areas and to allow smooth flow transition for all elbows including pipe fittings Fine threads meets the requirement of ASME/ANSI B1.20.1 to ensure maximum thread engagement Working pressures are higher than the traditional piping class, 3000 pipe fittings to ASME B16.11



Materials

UNILOK pipe fittings are available in various kinds of materials as below. Straight fittings are machined from bar stock and shaped fittings from forgings. For more details or special application, contact your local distributors.

Materials	Bar Stock	Forgings
316 SS or 316L SS	ASTM A479 ASME SA479	ASTM A182 ASME SA182
Brass	ASTM B16 ASTM B453	ASTM B283
Alloy 400 (Monel®)	ASTM B164	ASTM B564 ASME SB564

Installation Instruction

Pipe thread sealant is recommended for a leak tight seal. PTFE tape is commonly used only for installation of the pipe fittings with male thread.

Make sure both male and female threads clean. Warp PTFE tape clockwise from the first thread. Two time of wrapping is recommended. Don't overhang tape on the first thread as it might be entered the system. Cut off excess tape.

Sour Environment Services

UNILOK pipe fittings are comply with NACE MR-0175/ISO 15156 for sour oilfield application or NACE MR-0103 for petroleum refining operations. To order, add-N to the end of part number.

Cleaning

UNILOK pipe fittings are free from machine oils, loose particles and grease throughout the close cleaning process.

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Pipe End Thread Information Kinds of Pipe End Thread

The end connections with the lower pressure rating is the determining factor of pressure rating for the fittings with both UNILOK tube ends and pipe thread ends.

Pressure Rating for Pipe End Thread

Tapered Pipe Threads - NPT or ISO 7/1(BSPT)

Allowable pressure ratings for male and female threads are based on ASME B31.3 at ambient temperature.

Pipe		316	SSS		Brass		UNILOK	
Size	Ма	ale	Fen	nale	Male	Fen	nale	Desig-
inch	bar	psig	bar	psig	psig	bar	psig	nator
1/16	760	11000	460	6700	5500	230	3300	-01N/R
1/8	690	10000	440	6500	5000	220	3200	-02N/R
1/4	550	8000	450	6600	4000	220	3300	-04N/R
3/8	540	7800	360	5300	3900	180	2600	-06N/R
1/2	530	7700	330	4900	3800	160	2400	-08N/R
3/4	500	7300	320	4600	3600	160	2300	-12N/R
1	370	5300	300	4400	2600	150	2200	-16N/R
1-1/4	410	6000	350	5000	3000	170	2500	-20N/R
1-1/2	340	5000	310	4600	2500	150	2300	-24N/R
2	270	3900	270	3900	1900	130	1900	-32N/R

Design for NPT pipe thread is N, ISO 7/1 is R.

ISO 228/1 Parallel Thread (BSPP)

The pressure ratings are at ambient temperature.

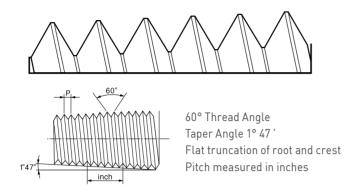
Male	316	SS	UNILOK	
Pipe Size	bar	psig	Designator	
1/8	315	4568	-02G	
1/4	315	4568	-04G	
3/8	315	4568	-06G	
1/2	160	2320	-08G	

0-Seal Fittings

Rated to 206 bar (3000 psig) for 316SS fittings up to 1 inch and 25mm

NPT Pipe Thread

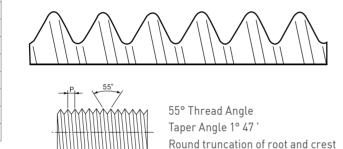
NPT (National Pipe Thread) is based on ANSI B1.20.1



ISO 7/1 Tapered Pipe Thread

International Organization for Standard (ISO 7/1) Tapered (PT)

Equivalent to BSPT (British Standard Pipe Taper Thread), DIN 2999, JIS B0203



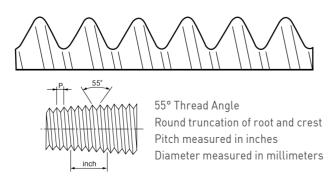
ISO 228/1 Parallel Pipe Thread

International Organization for Standard (ISO 228/1) Parallel(PF)

Pitch measured in inches

Equivalent to BSPP (British Standard Pipe Parallel Thread), DIN ISO228/1, JIS B0202

Gasket or O-ring is normally used to seal into the parallel female threaded components.



How To order

UNILOK pipe fittings are ordered by part number as shown below.

Example: The following part number, PHRN-08N04N-SS is designated for Reducing Hex Nipple, 1/2 Male-NPT x 1/4 Male-



Pipe Thread Size Designation							
Pipe Size	1/8	1/4	3/8	1/2	3/4	1	
Designator 02 04 06 08 12 16							

Thread Type Designation					
Designator Thread Type					
N	NPT	National Standard Pipe Thread			
R	ISO 7/1	Taper Pipe Thread			
G	ISO 228/1	Parallel Pipe Thread			
WS-*T		Socket Weld-Tube			

Material Designation					
Material					
316SS					
Brass					
Alloy400					

Pressure Rating Designation				
Designator	Pressure Rating			
6K	6000 psi			
10K	10000 psi			

Pipe fittings for high pressure application are available. The standard pressure ratings for each thread sizes are based on ASME B31.3 at ambient temperature.

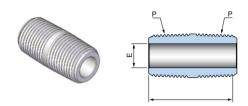
For the availability of 6000psig and 10000psig, contact your local distributors.

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PCN

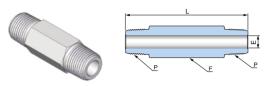
Close Nipple



Male NPT to Male NPT

Part No.	Р	Dimensio	ons (mm)
	NPT	L	Е
PCN-02N	1/8	21.8	4.8
PCN-04N	1/4	33.0	7.1
PCN-06N	3/8	34.0	9.6
PCN-08N	1/2	44.0	11.9
PCN-12N	3/4	38.1	19.4
PCN-16N	1	58.9	22.4

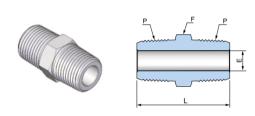
PHLN Hex Long Nipple



Male NPT to Male NPT

	D		Dimensio	ons (mm)		
Part No.	NPT		_	F		
		L	E	inch	mm	
PHLN-02N-1.5		40				
PHLN-02N-2.0		50				
PHLN-02N-2.5	1/8	65	4.8	7/16	11.11	
PHLN-02N-3.0		75				
PHLN-02N-4.0		100				
PHLN-04N-1.5		40				
PHLN-04N-2.0		50				
PHLN-04N-2.5	1//	65	7.1	0/1/	14.28	
PHLN-04N-3.0	1/4	75	7.1	7/10	14.20	
PHLN-04N-4.0		100				
PHLN-04N-6.0		150				
PHLN-06N-2.0		50				
PHLN-06N-3.0	3/8	75	9.6	11/16	17.46	
PHLN-06N-4.0		100				
PHLN-08N-2.0		50				
PHLN-08N-3.0	1/0	75	11.0	7/0	22.22	
PHLN-08N-4.0	1/2	100	11.7	//8	22.22	
PHLN-08N-6.0		150				
PHLN-12N-3.0	2//	75	15.7	1 1/1/	0/.00	
PHLN-12N-4.0	3/4	100	15.7	1-1/16	26.98	
PHLN-16N-3.0	1	75	22./	1 0/0	27.02	
PHLN-16N-4.0	I	100	ZZ.4	1-3/8	34.92	
	PHLN-02N-1.5 PHLN-02N-2.0 PHLN-02N-2.5 PHLN-02N-3.0 PHLN-04N-1.5 PHLN-04N-2.0 PHLN-04N-2.5 PHLN-04N-4.0 PHLN-04N-4.0 PHLN-06N-2.0 PHLN-06N-2.0 PHLN-06N-3.0 PHLN-06N-3.0 PHLN-08N-3.0 PHLN-08N-3.0 PHLN-08N-6.0 PHLN-12N-3.0 PHLN-12N-3.0	PHLN-02N-1.5 PHLN-02N-2.0 PHLN-02N-2.5 PHLN-02N-3.0 PHLN-02N-4.0 PHLN-04N-2.5 PHLN-04N-2.5 PHLN-04N-2.5 PHLN-04N-6.0 PHLN-06N-3.0 PHLN-06N-3.0 PHLN-08N-2.0 PHLN-08N-3.0 PHLN-08N-4.0 PHLN-08N-4.0 PHLN-08N-6.0 PHLN-08N-6.0 PHLN-12N-3.0 PHLN-12N-3.0 PHLN-12N-3.0 PHLN-12N-3.0 PHLN-16N-3.0	Part No. NPT L PHLN-02N-1.5 40 PHLN-02N-2.0 50 PHLN-02N-2.5 1/8 65 PHLN-02N-3.0 75 PHLN-04N-1.5 40 PHLN-04N-2.0 50 PHLN-04N-2.5 75 PHLN-04N-3.0 100 PHLN-04N-4.0 150 PHLN-06N-2.0 50 PHLN-06N-3.0 3/8 75 PHLN-06N-4.0 100 PHLN-08N-3.0 75 PHLN-08N-3.0 75 PHLN-08N-6.0 150 PHLN-12N-3.0 3/4 PHLN-12N-4.0 75 PHLN-16N-3.0 1	PHLN-02N-1.5 PHLN-02N-2.0 PHLN-02N-2.0 PHLN-02N-2.5 PHLN-02N-3.0 PHLN-02N-4.0 PHLN-04N-1.5 PHLN-04N-2.5 PHLN-04N-2.5 PHLN-04N-2.0 PHLN-04N-3.0 PHLN-04N-6.0 PHLN-06N-3.0 PHLN-06N-3.0 PHLN-06N-3.0 PHLN-08N-3.0 PHLN-08N-4.0 PHLN-08N-4.0 PHLN-08N-4.0 PHLN-08N-4.0 PHLN-08N-6.0 PHLN-08N-6.0 PHLN-12N-3.0 PHLN-12N-3.0 PHLN-16N-3.0 PHLN-	Part No. NPT L E Inch PHLN-02N-1.5 40 75 716 PHLN-02N-2.0 50 4.8 7/16 PHLN-02N-3.0 75 75 716 PHLN-02N-4.0 100 75 716 PHLN-04N-1.5 40 75 71 9/16 PHLN-04N-2.0 50 75 71 9/16 PHLN-04N-3.0 100 75 71 9/16 PHLN-04N-4.0 100 75 71 9/16 PHLN-06N-3.0 3/8 75 9.6 11/16 PHLN-08N-3.0 1/2 50 75 78 PHLN-08N-3.0 1/2 75 11.9 7/8 PHLN-08N-6.0 150 15.7 1-1/16 PHLN-12N-3.0 3/4 75 15.7 1-1/16 PHLN-16N-3.0 1 75 22.4 1-3/8	

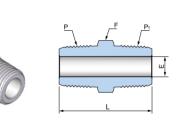
PHN Hex Nipple



Male NPT to Male NPT

	Р				
Part No.	NPT			ı	=
		L	. E	inch	mm
PHN-02N	1/8	25.6	4.8	7/16	11.11
PHN-04N	1/4	35.6	7.1	9/16	14.28
PHN-06N	3/8	36.3	9.6	11/16	17.46
PHN-08N	1/2	46.7	11.9	7/8	22.22
PHN-12N	3/4	46.7	15.7	1-1/16	26.98
PHN-16N	1	58.9	22.4	1-3/8	34.92

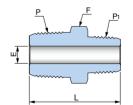
Male NPT to Male ISO Tapered Thread



Part No. P P1 IS07/1 L	D	D1	Dimensions (mm)				
			, _F F				
	E	inch	mm				
PHN-02R02N	1/8	1/8	25.6	4.8	7/16	11.11	
PHN-04R04N	1/4	1/4	35.6	7.1	9/16	14.28	
PHN-06R06N	3/8	3/8	36.3	9.6	11/16	17.46	
PHN-08N08R	1/2	1/2	46.7	11.9	7/8	22.22	
PHN-12N12R	3/4	3/4	46.7	15.7	1-1/16	26.98	
PHN-16N16R	1	1	58.9	22.4	1-3/8	34.92	

PHRN Reducing Hex Nipple





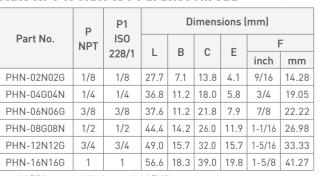
Male NPT to Reduced Male NPT

Part No.	Р	P1		Dimensio	ons (mm)	
	NPT	NPT	,	_	F	
			L E Finch mm 31.0 4.8 9/16 14.2 36.3 7.1 11/16 17.4 41.9 7.1 7/8 22.2 41.9 9.6 7/8 22.2 41.9 7.1 1-1/16 26.9			
PHRN-04N02N	1/4	1/8	31.0	4.8	9/16	14.28
PHRN-06N04N	3/8	1/4	36.3	7.1	11/16	17.46
PHRN-08N04N	1/2	1/4	41.9	7.1	7/8	22.22
PHRN-08N06N	1/2	3/8	41.9	9.6	7/8	22.22
PHRN-12N04N	3/4	1/4	41.9	7.1	1-1/16	26.98
PHRN-12N08N	3/4	1/2	46.7	11.9	1-1/16	26.98
PHRN-16N08N	1	1/2	54.1	11.9	1-3/8	34.92
PHRN-16N12N	1	3/4	54.1	15.7	1-3/8	34.92

ISO Tapered threads are available for all fractional PHLN, PHRN. To order, add "R" as a suffix instead of "N".

Dimensions are for reference only and are subject to change without prior notice

Male NPT to Male ISO Parallel Thread



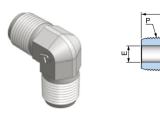
ISO Tapered threads are available for all fractional PCN, PHN. To order, add "R" as a suffix instead of "N". Dimensions are for reference only and are subject to change without prior notice

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PME

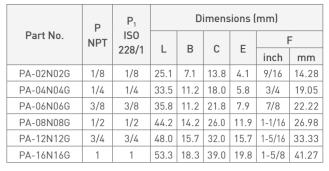
Male Elbow



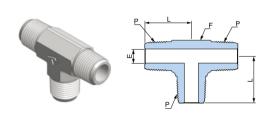
Male NPT to Male NPT

	Р		Dimensions (mm)				
Part No.	NPT			F	=		
		L	E	inch	mm		
PME-02N	1/8	18	4.8	1/2	12.70		
PME-04N	1/4	24.6	7.1	1/2	14.28		
PME-06N	3/8	28.7	9.6	11/16	17.46		
PME-08N	1/2	36.8	11.9	13/16	20.63		

Female NPT to Male ISO Parallel Thread



PMT Male Tee



Male NPT to Male NPT

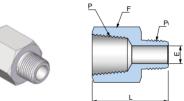
	P		Dimensio	ons (mm)				
Part No.	NPT		_	ı	mm 12.70 14.28			
	L	E	inch	mm				
PMT-02N	1/8	18	4.8	1/2	12.70			
PMT-04N	1/4	23.8	7.1	1/2	14.28			
PMT-06N	3/8	28.7	9.6	11/16	17.46			
PMT-08N	1/2	35.8	11.9	13/16	20.63			

PRA

PA

Adapter

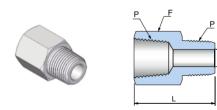
Reducing Adapter



Female NPT to Reduced Male NPT

Part No.	P	P₁		Dimensio	ons (mm)	1
Part No.	NPT	NPT		_	F	=
			L	E	inch	mm
PRA-04N02N	1/4	1/8	32.0	4.8	3/4	19.05
PRA-06N04N	3/8	1/4	38.1	7.1	7/8	22.22
PRA-08N04N	1/2	1/4	44.7	7.1	1-1/16	26.98
PRA-08N06N	1/2	3/8	44.4	9.6	1-1/16	26.98
PRA-12N06N	3/4	3/8	46.2	9.6	1-5/16	31.75
PRA-12N08N	3/4	1/2	51.3	11.9	1-5/16	31.75
PRA-16N08N	1	1/2	54.9	11.9	1-5/8	41.27
PRA-16N12N	1	3/4	55.1	15.7	1-5/8	41.27

PA Adapter

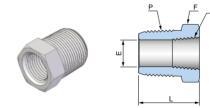


Female NPT to Male NPT

	Р	Dimensions (mm)					
Part No.	NPT				=		
		L	E	inch	mm		
PA-02N	1/8	27.9	4.8	9/16	14.28		
PA-04N	1/4	35.6	7.1	3/4	19.05		
PA-06N	3/8	38.4	9.6	7/8	22.22		
PA-08N	1/2	49.3	11.9	1-1/16	26.98		
PA-12N	3/4	51.3	15.7	1-5/16	31.75		
PA-16N	1	57.9	22.4	1-5/8	41.27		

PRB

Reducing Bushing



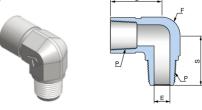
Male NPT to Reduced Female NPT

	P	P ₁		Dimensions (mm)			
Part No.	NPT	NPT	NPT		F		
			L	E	inch	mm	
PRB-04N02N	1/4	1/8	26.9	7.1	9/16	14.28	
PRB-06N04N	3/8	1/4	30.2	9.6	3/4	19.05	
PRB-08N04N	1/2	1/4	27.4	11.4	7/8	22.22	
PRB-08N06N	1/2	3/8	35.8	11.9	7/8	22.22	
PRB-12N04N	3/4	1/4	27.4	11.4	1-1/16	26.98	
PRB-12N06N	3/4	3/8	27.4	15.0	1-1/16	26.98	
PRB-12N08N	3/4	1/2	41.4	15.7	1-1/16	26.98	
PRB-16N08N	1	1/2	34.8	18.5	1-3/8	34.92	
PRB-16N12N	1	3/4	47.0	22.4	1-3/8	34.92	

Female NPT to Male ISO Tapered Thread

Down No.	Р	P ₁		Dimensi	ons (mm)	1
Part No.	NPT	ISO		_	F	=
		7/1	L	E	inch	mm
PA-02N02R	1/8	1/8	27.7	4.8	9/16	14.28
PA-04N04R	1/4	1/4	36.1	7.1	3/4	19.05
PA-06N06R	3/8	3/8	38.1	9.6	7/8	22.22
PA-08N08R	1/2	1/2	49.3	11.9	1-1/16	26.98
PA-12N12R	3/4	3/4	51.3	15.7	1-5/16	31.75
PA-16N16R	1	1	58.4	22.4	1-5/8	41.27

PSE Street Elbow



Female NPT to Male NPT

Part No.	Р		Dime	ensions (mm)	_
	NPT	1	S	Е		
		_	inch	mm		
PSE-02N	1/8	22.3	21	4.8	1/2	15.87
PSE-04N	1/4	28.7	28.7	7.1	11/16	17.46
PSE-06N	3/8	36.1	30.5	9.6	13/16	20.63
PSE-08N	1/2	39	38	11.9	1	25.40
	. DOF T					

ISO Tapered threads are available for all fractional PA, PRA, PRB, PSE. To order, add "R" as a suffix instead of "N".

Dimensions are for reference only and are subject to change without prior notice

ISO Tapered threads are available for all fractional PME, PMT, PA. To order, add "R" as a suffix instead of "N". Dimensions are for reference only and are subject to change without prior notice

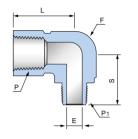
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PSE

Reducing Street Elbow



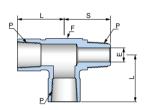


Female NPT to Reduced Male NPT

			Dime	nsions	(mm)	
P NPT	P₁ NPT		_	_	· ·	=
		L	5	E	inch	mm
1/4	1/8	28.7	23.9	4.8	11/16	17.46
3/8	1/4	36.1	28.2	7.1	13/16	20.63
1/2	1/4	39	33	7.1	1	25.40
1/2	3/8	39.6	35.1	9.6	1	25.40
	NPT 1/4 3/8 1/2	NPT NPT 1/4 1/8 3/8 1/4 1/2 1/4	NPT NPT L 1/4 1/8 28.7 3/8 1/4 36.1 1/2 1/4 39	P NPT NPT L S 1/4 1/8 28.7 23.9 3/8 1/4 36.1 28.2 1/2 1/4 39 33	P NPT NPT L S E 1/4 1/8 28.7 23.9 4.8 3/8 1/4 36.1 28.2 7.1 1/2 1/4 39 33 7.1	NPT NPT L S E inch 1/4 1/8 28.7 23.9 4.8 11/16 3/8 1/4 36.1 28.2 7.1 13/16 1/2 1/4 39 33 7.1 1

PST Street Tee



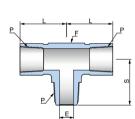


Female NPT to Male NPT

	P		Dime	ensions (
Part No.	NPT			E	F	
		L S		inch	mm	
PST-02N	1/8	23	20.8	4.8	1/2	15.87
PST-04N	1/4	28.7	28.7	7.1	11/16	17.46
PST-06N	3/8	36.1	32.0	9.6	13/16	20.63
PST-08N	1/2	39.6	39.6	11.9	1	25.40

PBT Branch Tee



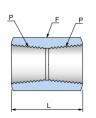


Female NPT to Male NPT

	Р		Dime	ensions (mm)	
Part No.	NPT				F	=
		LS	E	inch	mm	
PBT-02N	1/8	22.3	21	4.8	1/2	15.87
PBT-04N	1/4	28.7	28.7	7.1	11/16	17.46
PBT-06N	3/8	36.1	32.0	9.6	13/16	20.63
PBT-08N	1/2	39.6	39.1	11.9	1	25.40

PC Coupling





Female NPT to Female NPT

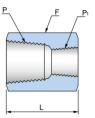
	P	Dimensions (mm)			
Part No.	NPT	L	F		
			inch	mm	
PC-02N	1/8	20.6	9/16	14.28	
PC-04N	1/4	30.2	3/4	19.05	
PC-06N	3/8	33.3	7/8	22.22	
PC-08N	1/2	39.6	1-1/16	26.98	
PC-12N	3/4	41.1	1-5/16	31.75	
PC-16N	1	50.8	1-5/8	41.27	

ISO Tapered threads are available for all fractional PRSE, PST, PBT, PC. To order, add "R" as a suffix instead of "N". Dimensions are for reference only and are subject to change without prior notice

PRC

Reducing Coupling



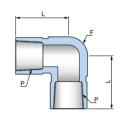


Female NPT to Reduced Female NPT

	Р	P ₁	Dim	ensions (mm)		
Part No.	NPT	NPT	L	F	=	
				inch	mm	
PRC-04N02N	1/4	1/8	31.0	3/4	19.05	
PRC-06N04N	3/8	1/4	35.1	7/8	22.22	
PRC-08N04N	1/2	1/4	44.4	1-1/16	26.98	
PRC-08N06N	1/2	3/8	45.2	1-1/16	26.98	
PRC-12N04N	3/4	1/4	46.0	1-5/16	31.75	
PRC-12N08N	3/4	1/2	52.3	1-5/16	31.75	
PRC-16N08N	1	1/2	55.6	1-5/8	41.27	
PRC-16N12N	1	3/4	57.2	1-5/8	41.27	

PFEFemale Elbow



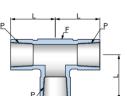


Female NPT to Female NPT

	P	Dimensions (mm)			
Part No.	D. NPT .		F		
		L	inch	mm	
PFE-02N	1/8	23	1/2	15.87	
PFE-04N	1/4	28.7	11/16	17.46	
PFE-06N	3/8	36.1	13/16	20.63	
PFE-08N	1/2	39	1	25.40	

PFTFemale Tee



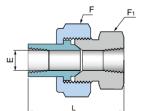


Female NPT to Female NPT

	P	Dimensions (mm)			
Part No.	NPT		F		
		L	inch	mm	
PFT-02N	1/8	23	1/2	15.87	
PFT-04N	1/4	28.7	11/16	17.46	
PFT-06N	3/8	36.1	13/16	20.63	
PFT-08N	1/2	39.6	1 25.40		

PBJ Ball Joint Union





Female NPT to Female NPT

	Р	Dimensions (mm)					
Part No.	NPT			F		F	1
		L	Е	inch mm		inch	mm
PBJ-04N	1/4	59.4	9.1	1-3/8	34.92	1-3/16	30.16
PBJ-06N	3/8	63.5	13.2	1-1/2	38.10	1-5/16	33.33
PBJ-08N	1/2	68.3	15.7	1-3/4	44.45	1-5/8	41.27
PBJ-12N	3/4	79.2	22.4	2-1/8	53.97	1-7/8	47.62
PBJ-16N	1	90.4	26.2	2-1/2	63.50	2-3/8	60.32

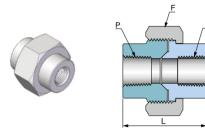
ISO Tapered threads are available for all fractional PRC, PFE, PFT, PBJ. To order, add "R" as a suffix instead of "N".

Dimensions are for reference only and are subject to change without prior notice

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PU

Pipe Union



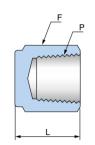
Female NPT to Female NPT

Part No.	Р	Dimensions (mm)					
T di t No.	NPT	L	Е	F			
Pressure Rating, 3000psig							
PU-08N	1/2	49.2	17.2	46			
PU-12N	3/4	57.2	21.5	54			
PU-16N	1	62.2	63				
Pressure Rating, 6000psig							
PU-08N-6K	1/2	58.3	17.2	54			
PU-12N-6K	3/4	64.3	21.5	63			
PU-16N-6K	1	72.4	27.5	82			

PCP

Pipe Cap



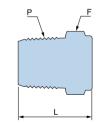


Female NPT

	P	Dimensions (mm)				
Part No.	NPT		F			
		L	inch	mm		
PCP-02N	1/8	19.1	9/16	14.28		
PCP-04N	1/4	23.1	3/4	19.05		
PCP-06N	3/8	26.2	7/8	22.22		
PCP-08N	1/2	34.0	1-1/16	26.98		
PCP-12N	3/4	36.6	1-5/16	31.75		
PCP-16N	1	41.1	1-5/8	41.27		

PPGPipe Plug





Male NPT

	P	Dimensions (mm)			
Part No.	NPT	L	F		
			inch	mm	
PPG-02N	1/8	19.1	7/16	11.11	
PPG-04N	1/4	24.4	9/16	14.28	
PPG-06N	3/8	25.1	11/16	17.46	
PPG-08N	1/2	30.7	7/8	22.22	
PPG-12N	3/4	30.7	1-1/16	26.98	
PPG-16N	1	38.1	1-3/8	34.92	

ISO Tapered threads are available for all fractional PCP, PPG. To order, add "R" as a suffix instead of "N". Dimensions are for reference only and are subject to change without prior notice

INSTRUMENT

Hose Connectors

