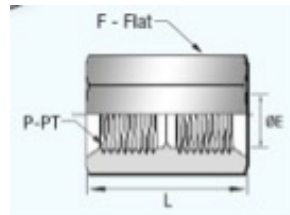


# 316 Precision Instrumentation Pipe Fittings

## Hexagon Coupling

Female x Female, NPT

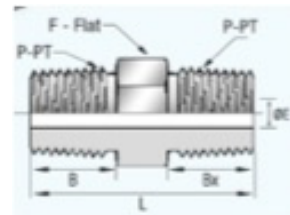
Part No	P-PT, NPT	L	F	E
PHC-02	1/8	20.6	14.3	8.6
PHC-04	1/4"	30.2	19.1	11.4
PHC-06	3/8	33.3	22.2	15.0
PHC-08	1/2	39.6	27	18.5
PHC-12	3/4	41.1	33.3	23.9
PHC-16	1	50.8	41.3	29.7



## Hexagon Nipples

Male x Male, NPT

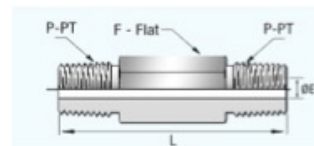
Part No	P-PT, NPT	L	F	B	Bx	E
PHN-01	1/16	25.6	7.9	9.7	9.7	3.0
PHN-02	1/8	25.6	11.1	9.7	9.7	4.8
PHN-04	1/4	35.6	14.3	14.2	14.2	7.1
PHN-06	3/8	36.3	17.5	14.2	14.2	9.7
PHN-08	1/2	46.7	22.2	19.1	19.1	11.9
PHN-12	3/4	46.7	27	19.1	19.1	15.7
PHN-16	1	58.9	34.9	23.9	23.9	22.4



## Hexagon Nipples Long

Male x Male, NPT

Part No	P-PT, NPT	A	E	F
PHNL-02-L1.5	1/8"	1.5"	4.8mm	11.1mm
PHNL-02-L2	1/8"	2"	4.8mm	11.1mm
PHNL-02-L3	1/8"	3"	4.8mm	11.1mm
PHNL-02-L4	1/8"	4"	4.8mm	11.1mm
PHNL-02-L6	1/8"	6"	4.8mm	11.1mm
PHNL-04-L1.5	1/4"	1.5"	7.1mm	14.3mm
PHNL-04-L2	1/4"	2"	7.1mm	14.3mm
PHNL-04-L3	1/4"	3"	7.1mm	14.3mm
PHNL-04-L4	1/4"	4"	7.1mm	14.3mm
PHNL-04-L6	1/4"	6"	7.1mm	14.3mm
PHNL-06-L1.5	3/8"	1.5"	9.6mm	17.5mm
PHNL-06-L2	3/8"	2"	9.6mm	17.5mm
PHNL-06-L3	3/8"	3"	9.6mm	17.5mm
PHNL-06-L4	3/8"	4"	9.6mm	17.5mm
PHNL-06-L6	3/8"	6"	9.6mm	17.5mm
PHNL-08-L1.5	1/2"	1.5"	11.9mm	22.2mm

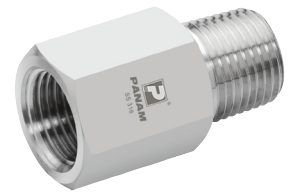
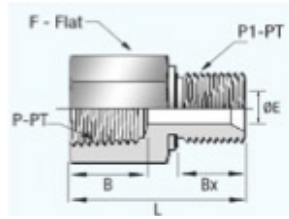


Part No	P-PT, NPT	A	E	F
PHNL-08-L2	1/2"	2"	11.9mm	22.2mm
PHNL-08-L3	1/2"	3"	11.9mm	22.2mm
PHNL-08-L4	1/2"	4"	11.9mm	22.2mm
PHNL-08-L6	1/2"	6"	11.9mm	22.2mm
PHNL-12-L1.5	3/4"	1.5"	15.7mm	27mm
PHNL-12-L2	3/4"	2"	15.7mm	27mm
PHNL-12-L3	3/4"	3"	15.7mm	27mm
PHNL-12-L4	3/4"	4"	15.7mm	27mm
PHNL-12-L6	3/4"	6"	15.7mm	27mm
PHNL-16-L1.5	1"	1.5"	22.3mm	34.9mm
PHNL-16-L2	1"	2"	22.3mm	34.9mm
PHNL-16-L3	1"	3"	22.3mm	34.9mm
PHNL-16-L4	1"	4"	22.3mm	34.9mm
PHNL-16-L6	1"	6"	22.3mm	34.9mm

## Equal Male x Female Adaptors

### Male x Female, NPT

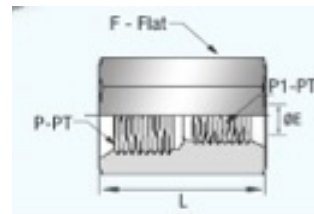
Part No	P-PT, NPT	L	F	B	Bx	E
PPA-02	1/8	25.1	14.3	9.9	7.1	4.1
PPA-04	1/4	33.5	19.1	10.4	11.2	5.8
PPA-06	3/8	35.8	22.2	15	11.2	7.9
PPA-08	1/2	44.2	27	15	14.2	11.9
PPA-12	3/4	48	33.3	20.6	15.7	15.7
PPA-16	1	53.3	41.3	25.4	18.3	19.8



## Reducing Hexagon Coupling

### Female x Female, NPT

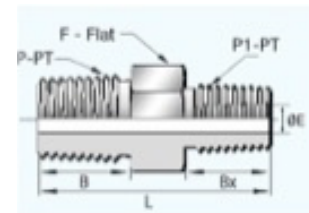
Part No	P-PT, NPT	P-PT, NPT	L	F	E
PRC-04-02	1/4	1/8	31	19.1	8.6
PRC-06-04	3/8	1/4	35	22.2	11.4
PRC-08-02	1/2	1/8	39.6	27	8.6
PRC-08-04	1/2	1/4	44.4	27	11.4
PRC-08-06	1/2	3/8	45.2	27	15
PRC-12-04	3/4	1/4	46	33.3	11.4
PRC-12-08	3/4	1/2	52.3	33.3	18.5
PRC-16-08	1	1/2	55.6	41.3	18.5
PRC-16-12	1	3/4	57.2	41.3	23.9



## Reducing Hexagon Nipples

### Male x Male, NPT

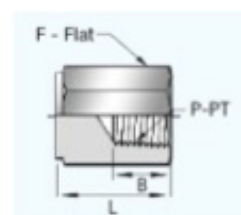
Part No	P-PT, NPT	P-P1-PT, NPT	L	F	B	Bx	E
PRHN-02-01	1/8	1/16	25.6	11.1	9.7	9.7	3.0
PRHN-04-02	1/4	1/8	31	14.3	14.2	9.7	4.8
PRHN-06-02	3/8	1/8	31.8	17.5	14.2	9.7	4.8
PRHN-06-04	3/8	1/4	36.3	17.5	14.2	14.2	7.1
PRHN-08-02	1/2	1/8	37.3	22.2	19.1	9.7	4.8
PRHN-08-04	1/2	1/4	41.9	22.2	19.1	14.2	7.1
PRHN-08-06	1/2	3/8	41.9	22.2	19.1	14.2	9.7
PRHN-12-06	3/4	3/8	45.2	19.1	19.1	14.2	9.7
PRHN-12-08	3/4	1/2	46.7	19.1	19.1	19.1	11.9
PRHN-16-08	1	1/2	54.1	23.9	19.1	19.1	11.9
PRHN-16-12	1	3/4	54.1	23.9	19.1	19.1	15.7



## Pipe Caps

### NPT

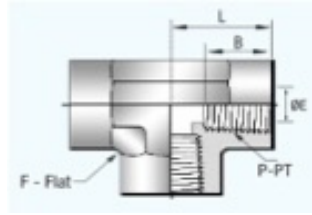
Part No	P-PT, NPT	L	F	B
PCP-02	1/8	19.1	14.3	10.4
PCP-04	1/4	23.1	19.1	15.0
PCP-06	3/8	26.2	22.2	15.0
PCP-08	1/2	34.0	27.0	19.8
PCP-12	3/4	36.6	33.3	20.6
PCP-16	1	41.1	41.3	25.4



## Equal Tees

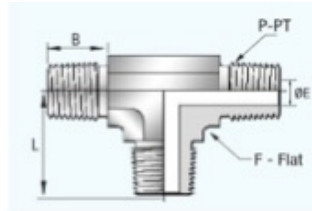
### Female, NPT

Part No	P-PT, NPT	L	F	B	E
PFT-02	1/8	26.4	12.7	10.4	8.6
PFT-04	1/4	29.7	17.5	15	11.4
PFT-06	3/8	36.1	20.6	15	15
PFT-08	1/2	39.6	25.4	19.8	18.5
PFT-12	3/4	48.8	31.8	20.6	23.9
PFT-16	1	48.5	42.9	25.4	29.7



### Male, NPT

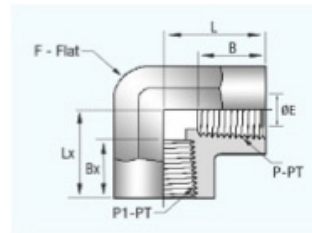
Part No	P-PT, NPT	L	F	B	E
PMT-02	1/8	22.4	11.1	9.7	4.8
PMT-04	1/4	26.7	12.7	14.2	7.1
PMT-06	3/8	29.7	17.5	14.2	9.6
PMT-08	1/2	36.8	20.6	19.1	11.9



## Equal Elbows

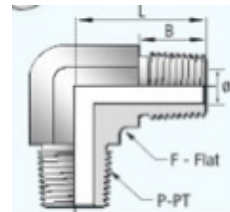
### Female, NPT

Part No	P-PT, NPT	P1,PT, NPT	L	F	B	E	Bx
PPFE-02	1/8	1/8	26.4	12.7	10.4	7.1	10.4
PPFE-04	1/4	1/4	29.7	17.5	15	10.4	15.0
PPFE-06	3/8	3/8	36.1	20.6	15	12.7	15.0
PPFE-08	1/2	1/2	39.6	25.4	19.8	17.1	19.8
PPFE-12	3/4	3/4	48.8	31.8	22.4	22.4	20.6
PPFE-16	1	1	48.5	42.9	28.1	28.1	25.4



### Male, NPT

Part No	P-PT, NPT	L	F	B	E
PPME-02	1/8	22.4	11.1	9.7	4.8
PPME-04	1/4	26.7	12.7	14.2	7.1
PPME-06	3/8	29.7	17.5	14.2	9.6
PPME-08	1/2	36.8	20.6	19.1	15.7



### Male x Female, NPT

Part No	P-PT, NPT	L	F	B	E	Lx	Bx
PSE-01	1/16	21.8	11.1	9.9	3.0	22.4	9.7
PSE-02	1/8	26.4	12.7	10.4	4.8	22.1	9.7
PSE-04	1/4	29.7	17.5	15.0	7.1	29.7	14.2
PSE-06	3/8	36.1	20.6	15.0	9.6	32	14.2
PSE-08	1/2	39.6	25.4	19.8	11.9	39.6	19.1
PSE-12	3/4	48.8	31.8	20.6	15.7	42.4	19.1
PSE-16	1	48.5	42.9	25.4	22.4	49.3	23.9

