

**General Description:** Parker Instrumentation Pipe Fittings are designed as leak-free connections for process, power, instrumentation and general plumbing applications. They are manufactured to the highest quality standards and are available in broad ranges of sizes, materials and configurations.

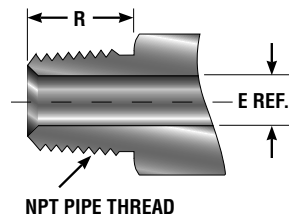
**Features:**

- Quality engineered for instrumentation applications
- Packaged in sealed, clear plastic shrink wrapped boxes for cleanliness
- Working pressures calculated in accordance with Power Piping Code ANSI B31.1 and Refiner Piping Code ANSI B31.3.
- All pipe threads are National Pipe Taper (NPT) and exceed the requirements of ANSI B1.20.1.
- Rolled male threads for extra strength
- Straight bodies machined from applicable ASTM bar stock specifications
- Shapes machined from close grain forgings
- Size ranges from 1/16" through 2" NPT
- Materials – 316 Stainless Steel, Brass and Steel. (Other materials by special order)
- All exposed threads protected to prevent damage

**INSTRUMENT PIPE FITTINGS**

**PIPE DIMENSIONS**

Pipe Size	NPT Pipe Thread	R (in.)	E Ref. (in.)
1/16	1/16 – 27	.38	.11
1/8	1/8 – 27	.38	.19
1/4	1/4 – 18	.56	.28
3/8	3/8 – 18	.56	.41
1/2	1/2 – 14	.75	.50
3/4	3/4 – 14	.75	.62
1	1 – 11-1/2	.94	.94
1-1/4	1-1/4 – 11-1/2	.97	1.25
1-1/2	1-1/2 – 11-1/2	1.00	1.50
2	2 – 11-1/2	1.03	1.94



## HOW TO ORDER

### NOMENCLATURE

Parker Instrument Pipe Fittings part numbers are constructed from symbols that identify the size and style of the fitting and material used.

**Example:** The part number shown below is for a male hex nipple for 3/8" NPT male pipe and 1/4" NPT male pipe in 316 stainless steel.

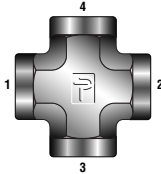
<b>6</b>	<b>4</b>	<b>MHN</b>	<b>SS</b>
<b>1st End</b> (3/8" NPT Male Pipe)	<b>2nd End</b> (1/4" NPT Male Pipe)	<b>Fitting Type</b> (Male Hex Nipple)	<b>Material</b> (316 SS)

Parker Instrument Pipe Fittings are ordered by part number as listed in this catalog.

**Size:** Pipe thread sizes are designated by the number of sixteenths of an inch. (3/8 NPT pipe=6/16=6)

**Thread Type:** All pipe threads are National Pipe Taper (NPT) unless otherwise designated.

**Straights and Elbows:** Call out the largest pipe end first followed by the smaller pipe size.



**Tees and Crosses:** For tees that are the same pipe sizes on all ends the size designation is as follows: 6-6-6 FT-B would be a 3/8" NPT Female Tee in brass. A 1/4" NPT Female Cross in 316 SS would be a 4 FX-SS. If a reducing tee or cross were specified, each size must be in sequence. First size the largest run (1 to 2) and then the branch (3 to 4).

**Example:** 6-6-6-4 FX-SS

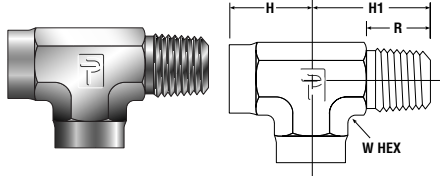
**Material:** Basic Material Type (B=Brass, SS=316 Stainless Steel, S=Steel)

**Special Fittings:** If there is any question as to the fitting desired, particularly for special fitting configurations, it is suggested that a customer print be submitted with the fitting request for quote.

**Availability:** Items priced in current price list 4260 are carried in stock. Price and delivery for non-standard items quoted on request through the quick response department.

**STREET TEE**

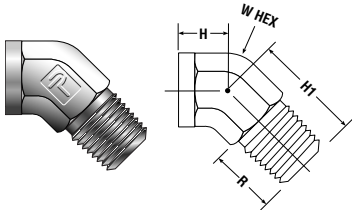
**SERIES ST**



Part No.	NPT Thread		W Hex	H (in.)	H1 (in.)	R (in.)	Working Pressures (psig)		
	Male	Female					Brass	Stainless Steel	Steel
1-1-1 ST	1/16	1/16	7/16	.50	.72	.38	3800	7000	7500
2-2-2 ST	1/8	1/8	9/16	.66	.78	.38	2900	5500	5900
4-4-4 ST	1/4	1/4	3/4	.88	1.09	.56	3000	5600	6000
6-6-6 ST	3/8	3/8	7/8	1.02	1.22	.56	2700	5000	5300
8-8-8 ST	1/2	1/2	1-1/16	1.23	1.47	.75	2500	4500	4800
12-12-12 ST	3/4	3/4	1-5/16	1.36	1.59	.75	2000	3500	3700
16-16-16 ST	1	1	1-5/8	1.63	1.97	.94	2300	3900	4200

**STREET ELBOW 45°**

**SERIES SVE**



Part No.	NPT Thread		W Hex	H (in.)	H1 (in.)	R (in.)	Working Pressures (psig)		
	Male	Female					Brass	Stainless Steel	Steel
1-1 SVE	1/16	1/16	7/16	.47	.66	.38	3800	7000	7500
2-2 SVE	1/8	1/8	9/16	.47	.72	.38	2900	5500	5900
4-4 SVE	1/4	1/4	3/4	.63	1.05	.56	3000	5600	6000
6-6 SVE	3/8	3/8	7/8	.72	1.06	.56	2700	5000	5300
8-8 SVE	1/2	1/2	1-1/16	.91	1.34	.75	2500	4500	4800
12-12 SVE	3/4	3/4	1-5/16	.97	1.38	.75	2000	3500	3700
16-16 SVE	1	1	1-5/8	1.13	1.72	.94	2300	3900	4200

Dimensions for reference only, subject to change.