

**General Description:** Parker Buttweld fittings are designed for applications requiring the reliability of a welded tubing system. They were developed specifically for installation using automatic, orbital TIG (Tungsten/Inert Gas) welding equipment. These fittings offer the easiest, fastest and most reliable way to fabricate welded systems. Automatic Buttweld fittings are available in 316, and 316L stainless steel in straight unions, tees, 90° elbows, and crosses. Automatic Buttweld ends are also available with male pipe and compression tube connections.

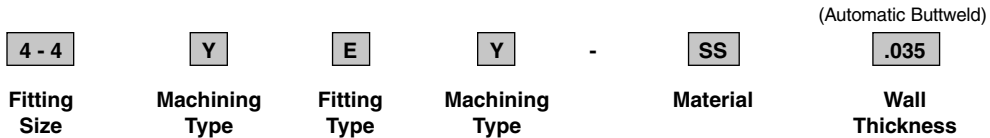
**AUTOMATIC BUTTWELD**

**HOW TO ORDER**

**Nomenclature:** Parker Automatic Buttweld Tube Fittings part numbers are constructed from symbols that identify the size and configuration of the fittings and material used.

**How to Order:** Parker Buttweld components are ordered by part number as listed in this catalog.

**Example:** If your system requires an elbow fitting going from 1/4" tubing to 1/4" tubing, .035 wall thickness, you would order the following part:



**Fitting Size:** The first two numbers denote the fitting size which matches the tubing O.D.

**Material:** Stainless Steel - SS (316L)  
 AOD/VAR - SSR (316R)  
 VIM/VAR - SSV (316V)

**Machining Type:** First end ABW only (Y).

**Wall Thickness:** Fittings must be specified to match the corresponding tube wall thickness.  
 Standard wall thicknesses:  
 Size 4 and 6 – .035 wall thickness  
 Size 8 – .049 wall thickness  
 Other wall thicknesses available upon request.

**Fitting Type:** Straight (H),  
 Union tee (J), Union elbow (E).

**Machining Type:** Second end, ABW (Y), Male pipe (F),  
 CPI™/A-LOK® end assembled (BZ/LZ).

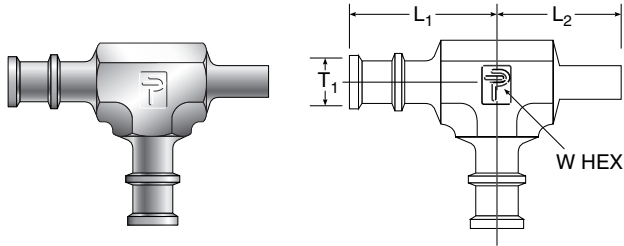
**Size:** Tube and pipe thread sizes are designated by the number of sixteenths of an inch (1/4" tube = 4/16" = size 4), (3/8" tube = 6/16" = size 6), and (1/2" tube = 8/16" = size 8).

**Special fittings:** If a special fitting configuration is required, it is suggested that a sketch or drawing be submitted for review.

**Availability:** Only items listed in current price list are carried in stock. Customer Specials may be quoted through Parker ICD Division Customer Service.

**MANIFOLD RUN TEE**

**SERIES YJT3Y**

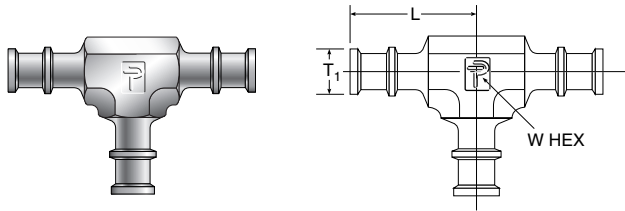


Part No.	L <sub>1</sub> (in.)	L <sub>2</sub> (in.)	T <sub>1</sub> (in.)	*Auto-Buttweld Wall Size	W Hex
4-4-4 YJT3Y	1.06	1.03	1/4	.035	7/16

\*Other fittings and wall sizes available upon request

**UNION TEE**

**SERIES YJY**



Part No.	L (in.)	T <sub>1</sub> (in.)	*Auto-Buttweld Wall Size	W Hex
4-4-4 YJY	1.06	1/4	.035	7/16
6-6-6 YJY	1.19	3/8	.035	9/16
8-8-8 YJY	1.44	1/2	.049	3/4
12-12-12 YJY	1.64	3/4	.065	1 1/16
16-16-16 YJY	1.81	1	.095	1 5/16

\*Other fittings and wall sizes available upon request

Dimensions for reference only, subject to change.