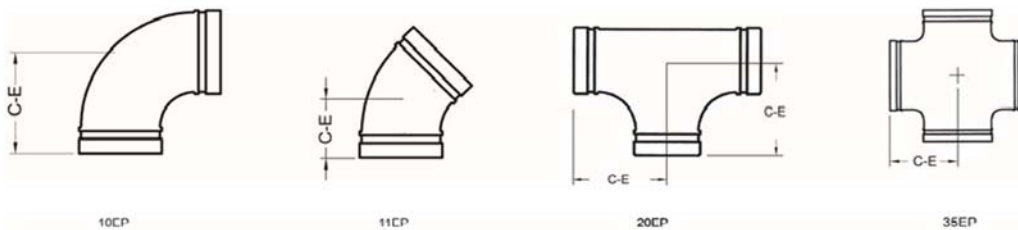


**EXTRA HEAVY "EP" END PROTECTION CUT GROOVE FITTINGS**

- MODELS 10EP 90° ELBOW**
- 11EP 45° ELBOW**
- 20EP TEE**
- 35EP CROSS**

*Shurjoint* offers a variety of fittings with extra heavy (Sch. 80) wall thickness and "EP" cut grooves available for use with XH-70EP couplings. These fittings must be used with XH-70EP in high pressure systems where the system pressure exceeds the published ratings for XH-1000 or Model 7707 couplings.



**10  
YEAR  
LIMITED  
WARRANTY**

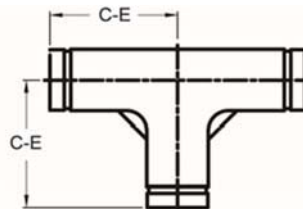
Full warranty terms can be found on [www.shurjoint.com](http://www.shurjoint.com)

**Extra Heavy Fittings**

Nominal Pipe Size	Pipe O.D.	#10EP 90° Elbows		#11EP 45° Elbows		#20EP Tee		#35EP Cross	
		C-E	Weight	C-E	Weight	C-E	Weight	C-E	Weight
in mm	in mm	in mm	Lbs Kgs	in mm	Lbs Kgs	in mm	Lbs Kgs	in mm	Lbs Kgs
2 50	2.375 60.3	3.25 83	2.5 1.1	2.00 51	1.8 0.8	3.25 83	4.2 1.9	3.25 83	3.9 1.8
2½ 65	2.875 73.0	3.75 95	5.0 2.3	2.25 57	2.9 1.3	3.75 95	7.9 3.6	3.75 95	6.6 3.0
3 80	3.500 88.9	4.25 108	6.0 2.7	2.50 64	4.3 1.9	4.25 108	16.0 7.3	4.25 108	14.2 6.4
4 100	4.500 114.3	5.00 127	10.3 4.7	3.00 76	8.5 3.9	5.00 127	23.5 10.7	5.00 127	15.8 7.2
6 150	6.625 168.3	6.50 165	27.2 12.3	3.50 89	16.5 7.5	6.50 165	27.0 12.2	6.50 165	46.0 20.9

**MODEL 22EP HEADER TEE**

*Shurjoint* Model 22EP Header Tees are especially designed for use in oilfield production headers where the top (test) line is 2" (50 mm) and the bottom production line is 3" (80 mm) or 4" (100 mm).



**22EP Header Tee**

Fitting Size Mated C to E			
Nominal Pipe Size	Pipe O.D.	C-E	Weight
in mm	in mm	in mm	Lbs Kgs
2 to 3 50 to 80	2.375 60.3	4.25 108	3.4 1.5
2 to 4 50 to 100	2.875 73.0	5.00 127	4.1 1.9

## MATERIAL SPECIFICATIONS

- **Fitting Body:**  
Ductile Iron to ASTM A536, Gr. 65-45-12 and or ASTM A395,  
Gr. 65-45-15, min. tensile strength 65,000 psi (448 MPa).  
Or segmentally welded Schedule 80 steel pipe, per ASTM A-53  
Schedule 80.
- **Surface Finish:**  
Green or Black color painted.

### General Notes:

- **Pressure Ratings** for fittings conform to the working pressure of the coupling used to join the system.
- **Field Joint Test:** For one time only the system may be tested hydrostatically at 1½ times the maximum working pressure listed (AWWA C606 5.2.3).
- **Warning:** Piping systems must always be depressurized and drained before attempting disassembly and or removal of any components.
- **The 10 Year Limited Warranty** applies to manufacturing defects only and does not cover severe service/temperature applications or wear parts.
- **Shurjoint** reserves the right to change specifications, designs and or standard without notice and without incurring any obligations.

*Shurjoint product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact **Shurjoint** Technical Service. **Shurjoint** reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligations to make such changes and modifications on **Shurjoint** products previously subsequently sold.*