

# EXTRA HEAVY CUT GROOVED FITTINGS "EP" (End Protection)

MODEL

## 10EP 90° EP ELBOW

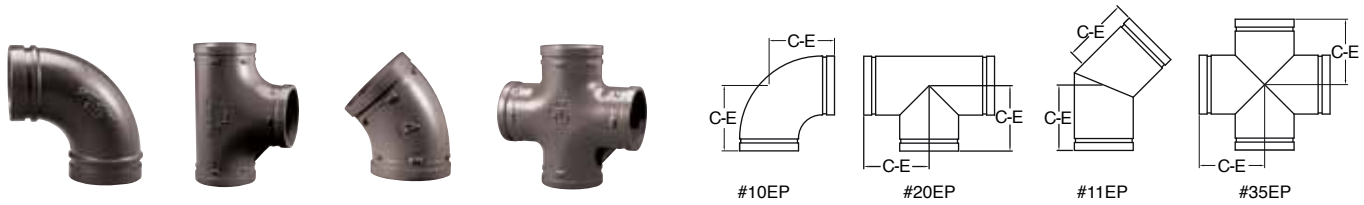
## 20EP EP TEE

## 11EP 45° EP ELBOW

## 35EP EP 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 couplings in high pressure systems where the system pressure exceeds the published ratings for XH-1000 or Model 7707 couplings.



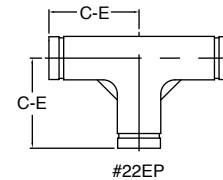
Nominal Size mm / in	Pipe O. D. mm / in	#10EP 90° Elbows		#11EP 45° Elbows		#20EP Tee		#35EP Cross	
		C - E mm / in	Weight Kgs / Lbs	C - E mm / in	Weight Kgs / Lbs	C - E mm / in	Weight Kgs / Lbs	C - E mm / in	Weight Kgs / Lbs
50	60.3	83	1.0	51	0.8	83	1.6	83	1.8
2	2.375	3.25	2.2	2.00	1.8	3.25	3.5	3.25	3.9
65	73.0	95	1.7	57	1.3	95	3.6	95	3.0
2½	2.875	3.75	3.8	2.25	2.9	3.75	7.9	3.75	6.6
80	88.9	108	2.7	64	1.9	108	7.3	108	6.4
3	3.500	4.25	5.9	2.50	4.3	4.25	16.0	4.25	14.2
100	114.3	127	4.4	76	3.9	127	10.7	127	7.2
4	4.500	5.00	9.7	3.00	8.5	5.00	23.5	5.00	15.8
150	168.3	165	10.4	89	7.5	165	12.2	165	20.9
6	6.625	6.50	22.9	3.50	16.5	6.50	27.0	6.50	46.0

For "EP" cut-grooves, see page 26.

MODEL

## 22EP HEADER TEE

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



### Pressure-Temperature Rating

Nom. Rating	Working Pressure (STD, Roll-grooved)	Max. Service Temperature
Class 300	750 psi @100°F 52 Bar @38°C	EPDM: 230°F / 110°C Nitrile: 180°F / 82°C

\*Working pressure is based on roll- or cut-grooved standard wall carbon steel pipe.

\*Proof test pressure: 1.5 times the working pressure, non-shock cold water.

\*Burst pressure is engineered minimum 3 times the working pressure.

Fitting Size Mated C to E		#22EP Header Tee	
Nominal Size mm / in	Pipe O. D. mm / in	C - E mm / in	Weight Kgs / Lbs
50 to 80	60.3	108	1.5
2 to 3	2.375	4.25	3.4
50 to 100	73.0	127	1.9
2 to 4	2.875	5.00	4.1