

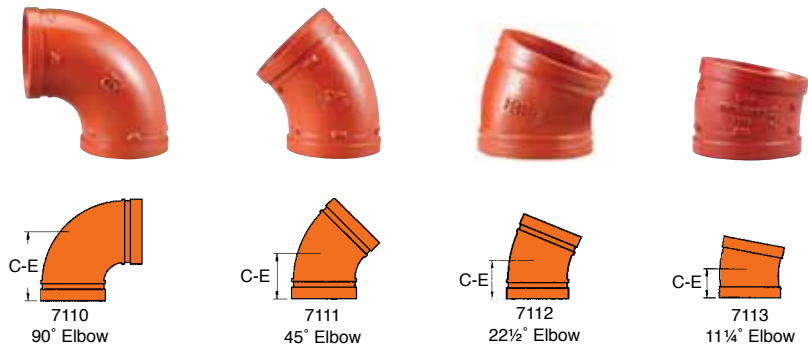
MODEL  
**7110 90° ELBOW**

MODEL  
**7111 45° ELBOW**

**7112 22-1/2° ELBOW**

**7113 11-1/4° ELBOW**

Shurjoint ductile iron grooved-end fittings are made of ductile iron per ASTM A536 Gr. 65-45-12 and or ASTM A395 Gr. 65-45-15. C-E dimensions are manufacturer's standard. See page 54 for wrought steel grooved-end fittings.



Nominal Size mm / in	Pipe O. D. mm / in	#7110 90° Elbow		#7111 45° Elbow		#7112 22 1/2° Elbow		#7113 11 1/4° Elbow	
		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
25	33.4	57	0.3	45	0.2	---	---	---	---
1	1.315	2.25	0.7	1.75	0.5	---	---	---	---
32	42.2	70	0.5	45	0.3	---	---	---	---
1 1/4	1.660	2.75	1.1	1.75	0.7	---	---	---	---
40	48.3	70	0.6	45	0.4	45	0.6	---	---
1 1/2	1.900	2.75	1.3	1.75	0.9	1.75	1.3	---	---
50	60.3	83	0.9	51	0.7	48	0.8	35	0.4
2	2.375	3.25	2.0	2.00	1.5	1.88	1.8	1.38	1.0
65	73.0	95	1.2	57	0.9	51	1.0	38	0.7
2 1/2	2.875	3.75	2.6	2.25	2.0	2.01	2.2	1.50	1.6
76.1mm	76.1	95	1.4	57	0.9	51	1.0	38	0.8
	3.000	3.75	3.1	2.25	2.1	2.01	2.2	1.50	1.7
80	88.9	108	2.0	64	1.3	57	1.4	38	0.8
3	3.500	4.25	4.3	2.50	2.9	2.25	3.1	1.50	1.8
101.6mm	101.6	114	2.5	---	---	---	---	---	---
	4.000	4.50	5.6	---	---	---	---	---	---
100	114.3	127	3.1	76	2.0	73	2.0	45	1.0
4	4.500	5.00	6.9	3.00	4.4	2.88	4.4	1.75	2.2
108.0mm	108.0	127	2.5	76	2.0	---	---	---	---
	4.250	5.00	5.5	3.00	4.4	---	---	---	---
125	141.3	140	5.0	83	3.0	73	3.1	---	---
5	5.563	5.50	11.0	3.25	6.6	2.88	6.8	---	---
133.0mm	133.0	140	4.1	83	2.7	---	---	---	---
	5.250	5.50	9.0	3.25	5.9	---	---	---	---
139.7mm	139.7	140	4.3	83	2.9	73	2.9	---	---
	5.500	5.50	9.5	3.25	6.4	2.88	6.5	---	---
150	168.3	165	5.8	89	4.0	79	5.0	51	2.5
6	6.625	6.50	12.8	3.50	8.9	3.12	11.0	2.00	5.5
159.0mm	159.0	165	6.0	89	3.8	---	---	---	---
	6.250	6.50	13.2	3.50	8.4	---	---	---	---
165.1mm	165.1	165	5.7	89	4.0	79	5.0	51	2.5
	6.500	6.50	12.5	3.50	8.9	3.12	11.0	2.00	5.5
200	219.1	197	13.0	108	8.6	98	10.0	51	5.5
8	8.625	7.75	28.7	4.25	19.0	3.88	22.0	2.00	12.1
250	273.0	229	24.1	121	15.5	111	17.7	54	10.0
10	10.750	9.00	53.1	4.75	34.2	4.38	38.9	2.13	22.1
300	323.9	254	36.7	133	22.5	---	19.5	57	12.4
12	12.750	10.00	81.0	5.25	49.5	---	42.9	2.25	27.3
200JIS	216.3	197	12.4	108	8.4	98	10.0	---	---
	8.516	7.75	27.2	4.25	18.5	3.88	22.0	---	---
250JIS	267.4	229	24.0	121	15.5	111	17.7	54	10.0
	10.528	9.00	52.8	4.75	34.2	4.38	38.9	2.13	22.1
300JIS	318.5	254	35.0	133	22.5	---	---	57	12.4
	12.539	10.00	77.0	5.25	49.5	---	---	2.25	27.3
350	355.6	280	35.1	152	22.0	---	21.0	---	---
14	14.000	11.00	77.5	6.00	48.4	---	46.2	---	---
400	406.4	305	43.0	184	44.0	---	22.0	---	---
16	16.000	12.00	94.6	7.25	96.8	---	48.4	---	---
450	457.2	394	83.5	203	46.6	---	---	---	---
18	18.000	15.50	184.0	8.00	102.5	---	---	---	---
500	508.0	438	118.5	229	54.5	---	---	---	---
20	20.000	17.25	261.2	9.00	120.2	---	---	---	---
600	609.6	508	185.0	280	83.5	---	---	---	---
24	24.000	20.00	407.9	11.00	184.1	---	---	---	---