

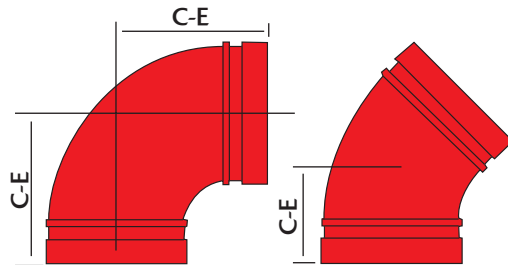


## Grooved End Elbows

### Class 7110 90° and Class 7111 45° Elbows

#### Technical Features

- Available coupling sizes (Nominal) : From DN25/1" through DN600/24"OD.
- Max Working Pressure : Up to working pressure of pipe and gasket type being used.
- Material : Ductile Iron to ASTM A536, Gr. 65-45-12.
- Finish : Painted Red, Galvanised or Epoxy Coated.
- Connections : Grooved-end specifications conform to ANSI/AWWA C606-97 and can be used for fire sprinkler pipe systems in conjunction with any grooved coupling or component.



Class 7110  
90° Elbow

Class 7111  
45° Elbow



Grooved Products

### Grooved End Elbows - Class 7110 90° & Class 7111 45°

Physical Data

Nominal Size		Pipe O.D.	Class 7110 90° Elbow		Reference		Class 7111 45° Elbow		Reference	
mm	inch		C-E (mm/inch)	kgs/lbs	Painted	Galvanized	C-E (mm/inch)	kgs/lbs	Painted	Galvanized
25	1"	33.4 / 1.315	57 / 2.25	0.3 / 0.7	7110/034	7110/034G	45 / 1.75	0.2 / 0.4	7111/034	7111/034G
32	1 1/4"	42.2 / 1.66	70 / 2.75	0.5 / 1.1	7110/042	7110/042G	45 / 1.75	0.3 / 0.7	7111/042	7111/042G
40	1 1/2"	48.3 / 1.90	70 / 2.75	0.7 / 1.5	7110/048	7110/048G	45 / 1.75	0.4 / 0.9	7111/048	7111/048G
50	2"	60.3 / 2.375	83 / 3.25	0.9 / 2.0	7110/063	7110/063G	51 / 2.00	0.7 / 1.5	7111/063	7111/063G
-	2 1/2"	73.0 / 2.875	95 / 3.75	1.2 / 2.6	7110/073	7110/073G	57 / 2.25	0.9 / 2.0	7111/073	7111/073G
65	3" OD	76.1 / 3.00	95 / 3.75	1.4 / 3.1	7110/076	7110/076G	57 / 2.25	1.0 / 2.2	7111/076	7111/076G
80	3"	88.9 / 3.50	108 / 4.25	2.1 / 4.7	7110/089	7110/089G	64 / 2.50	1.3 / 2.9	7111/089	7111/089G
-	4 1/4" OD	108.0 / 4.25	127 / 5.00	3.5 / 7.7	7110/108	7110/108G	76 / 3.00	2.0 / 4.4	7111/108	7111/108G
100	4"	114.3 / 4.50	127 / 5.00	3.0 / 6.6	7110/114	7110/114G	76 / 3.00	2.0 / 4.4	7111/114	7111/114G
-	5 1/4" OD	133.0 / 5.25	140 / 5.50	4.1 / 9.0	7110/133	7110/133G	83 / 3.25	2.7 / 5.9	7111/133	7111/133G
125	5 1/2" OD	139.7 / 5.50	140 / 5.50	5.0 / 11.0	7110/139	7110/139G	83 / 3.25	3.5 / 7.7	7111/139	7111/139G
125	5"	141.3 / 5.563	140 / 5.50	5.0 / 11.0	7110/141	7110/141G	83 / 3.25	3.5 / 7.7	7111/141	7111/141G
-	6 1/4" OD	159.0 / 6.25	165 / 6.50	6.0 / 13.2	7110/159	7110/159G	89 / 3.50	3.8 / 8.4	7111/159	7111/159G
150	6 1/2" OD	165.1 / 6.50	165 / 6.50	5.7 / 12.5	7110/165	7110/165G	89 / 3.50	4.4 / 9.7	7111/165	7111/165G
150	6"	168.3 / 6.625	165 / 6.50	6.4 / 14.1	7110/168	7110/168G	89 / 3.50	4.4 / 9.7	7111/168	7111/168G
200	8"	219.1 / 8.625	197 / 7.75	12.5 / 27.5	7110/219	7110/219G	108 / 4.25	9.0 / 19.8	7111/219	7111/219G
250	10"	273.0 / 10.75	229 / 9.00	19.0 / 41.8	7110/273	7110/273G	121 / 4.75	17.0 / 37.4	7111/273	7111/273G
300	12"	323.9 / 12.75	254 / 10.00	35.0 / 77.0	7110/323	7110/323G	133 / 5.25	22.5 / 49.5	7111/323	7111/323G
350	14" OD	355.6 / 14.00	280 / 11.00	35.0 / 77.0	7110/355	7110/355G	152 / 6.00	22.0 / 48.4	7111/355	7111/355G
400	16" OD	406.4 / 16.00	305 / 12.00	43.0 / 94.6	7110/406	7110/406G	184 / 7.25	44.0 / 96.8	7111/406	7111/406G
450	18" OD	457.2 / 18.00	394 / 15.50	101.0 / 222.2	7110/457	7110/457G	208 / 8.00	46.6 / 102.5	7111/457	7111/457G
500	20" OD	508.0 / 20.00	438 / 17.25	127.0 / 279.4	7110/508	7110/508G	229 / 9.00	47.6 / 104.7	7111/508	7111/508G
550	22" OD	558.8 / 22.00	483 / 19.00	129.0 / 283.8	7110/550	7110/550G	280 / 11.00	80.0 / 176.0	7111/550	7111/550G
600	24" OD	609.6 / 24.00	508 / 20.00	210.0 / 462.0	7110/609	7110/609G	280 / 11.00	80.0 / 176.0	7111/609	7111/609G