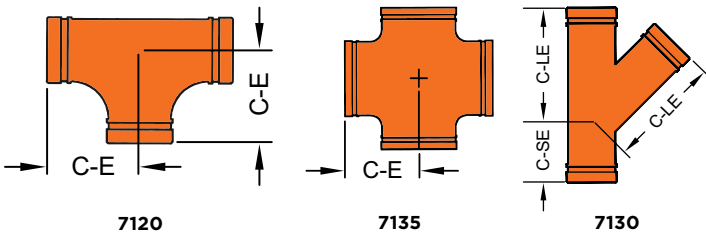


# GROOVED-END FITTINGS

7120 Tee  
7130 45° Lateral  
7135 Cross



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	



Shurjoint 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.

Shurjoint standard fitting pressure ratings conform to the ratings of Model 7707 couplings.

For Fire Protection pressure rating, listing, and approval information, refer to Data Sheet B-42 or visit [www.shurjoint.com](http://www.shurjoint.com) for details or contact Shurjoint.

## DIMENSIONS

NOMINAL SIZE	PIPE O.D.	7120 TEE		7135 CROSS		7130 45° LATERAL		
		C - E	WEIGHT	C - E	WEIGHT	C - LE	C - SE	WEIGHT
in	in	in	lb	in	lb	in	in	lb
mm	mm	mm	kg	mm	kg	mm	mm	kg
1	1.315	2.25	0.9	2.25	---	---	---	---
25	33.4	57	0.4	57	---	---	---	---
1-1/4	1.660	2.75	1.5	2.75	---	---	---	---
32	42.2	70	0.7	70	---	---	---	---
1-1/2	1.900	2.75	2.0	2.75	---	---	---	---
40	48.3	70	0.9	70	---	---	---	---
2	2.375	3.25	2.9	3.25	2.7	7.00	2.75	4.4
50	60.3	83	1.3	83	1.2	178	70	2.0
2-1/2	2.875	3.75	4.8	3.75	6.6	7.75	3.00	6.2
65	73.0	95	2.2	95	3.0	197	76	2.8
76.1 mm	3.000	3.75	5.1	3.75	6.6	7.75	3.00	6.2
	76.1	95	2.3	95	3.0	197	76	2.8
3	3.500	4.25	6.8	4.25	6.8	8.50	3.25	9.2
80	88.9	108	3.1	108	3.1	216	83	4.2
4	4.500	5.00	9.9	5.00	11.5	10.50	3.75	17.6
100	114.3	127	4.5	127	5.2	267	95	8.0
108.0 mm	4.250	5.00	9.0	---	---	---	---	---
	108.0	127	4.1	---	---	---	---	---
133.0 mm	5.250	5.50	13.2	---	---	---	---	---
	133.0	140	6.0	---	---	---	---	---
139.7 mm	5.500	5.50	14.3	5.50	13.0	12.50	4.00	27.5
	139.7	140	6.5	140	5.9	318	102	12.5
5	5.563	5.50	14.3	5.50	13.0	12.50	4.00	27.5
125	141.3	140	6.5	140	5.9	318	102	12.5
6	6.250	6.50	18.9	---	---	---	---	---
150	159.0	165	8.6	---	---	---	---	---
165.1 mm	6.500	6.50	21.7	6.50	32.0	14.00	4.50	40.7
	165.1	165	9.9	165	14.5	356	114	18.5
6	6.625	6.50	22.0	6.50	32.0	14.00	4.50	40.7
150	168.3	165	10.0	165	14.5	356	114	18.5
8	8.625	7.75	44.0	7.75	44.1	18.00	6.00	70.4
200	219.1	197	20.0	197	20.0	457	152	32.0
10	10.750	9.00	68.2	---	---	20.50	6.50	138.9
250	273.0	229	31.0	---	---	521	165	63.0
12	12.750	10.00	96.7	---	---	23.00	7.00	201.7
300	323.9	254	43.9	---	---	584	178	91.5
200 JIS	8.516	7.75	44.0	7.75*	44.1	18.00*	6.00	70.4
	216.3	197	20.0	197	20.0	457	152	32.0
250 JIS	10.528	9.00	68.2	---	---	20.50*	6.50	124.6
	267.4	229	31.0	---	---	521	165	56.5
300 JIS	12.539	10.00	96.7	---	---	23.00*	7.00	201.7
	318.5	254	43.9	---	---	584	178	91.5
14	14.000	11.00	114.6	---	---	---	---	---
350	355.6	280	52.0	---	---	---	---	---

\*Non-standard/stock items may require longer lead time.

## MATERIAL SPECIFICATIONS

### FITTING BODY:

- Ductile Iron castings to ASTM A536, Gr. 65-45-12 and or to ASTM A395, Gr. 65-45-15, min. tensile strength 65,000 psi (448 MPa).

### SURFACE FINISH:

- Standard painted finishes in orange or RAL3000 red.
- Hot dip galvanized (optional)
- Epoxy coatings in RAL3000 red or other colors (optional)

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## GENERAL NOTES

- Maximum Working Pressure (CWP) listed is the maximum cold water pressure for general piping services tested to ASTM F1476 and or AWWA C606 methods. Figures listed are based on roll- or cut-grooved standard wall carbon steel pipe. For other pipe schedules or pipe materials, contact Shurjoint for additional information.
- Max. End Load is calculated based on the maximum working pressure (CWP).
- Listed and or Approved Pressures are pressure ratings for fire protection systems, tested and approved by various approval bodies. Please always refer to the latest approval data posted on the Shurjoint website.
- Field Joint Test: For one time only the system may be tested hydrostatically at 1.5 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.