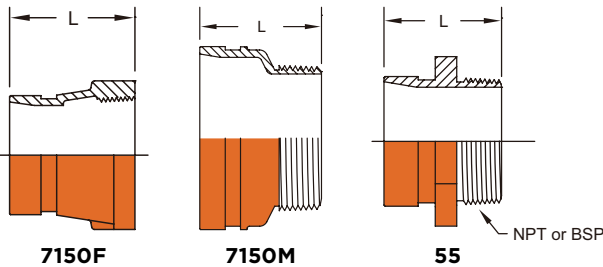


GROOVED-END FITTINGS

7150M Reducing Nipple (Gr X Mt)
7150F Reducing Socket Adapter (Gr X Ft)
55 Nipple Adapter (Gr X Mt)



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



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.

The Shurjoint Models 7150F & 7150M are designed for making direct reduction from a grooved system to female or male threaded system without the need for expensive swaged nipples.

The Shurjoint Model 55 is a cast adapter that allows for a direct transition from grooved system to a male threaded system. For other sizes, see our Model #59 pipe nipples.

For Fire Protection pressure rating, listing, and approval information, refer to Data Sheet B-42 or visit www.shurjoint.com for details or contact Shurjoint.

DIMENSIONS

7150F | 7150M

NOMINAL SIZE GR. X TH.	PIPE O.D.	7150F		7150M		NOMINAL SIZE GR. X TH.	PIPE O.D.	7150F		7150M	
		L	WEIGHT	L	WEIGHT			L	WEIGHT	L	WEIGHT
in mm	in mm	in mm	lb kg	in mm	lb kg	in mm	in mm	in mm	lb kg	in mm	lb kg
1-1/2 x 1	1,900 x 1,315	2.5	0.60	2.5	0.53	3 x 2-1/2	3,500 x 2,875	2.5	2.20	2.5	2.20
40 x 25	48.3 x 33.4	63.5	0.27	63.5	0.24	80 x 65	88.9 x 73.0	63.5	1.00	63.5	1.00
2 x 1	2,375 x 1,315	2.5	0.92	2.5	0.88	80 x 76.1 mm	3,500 x 3,000	2.5	2.20	2.5*	2.20
50 x 25	60.3 x 33.4	63.5	0.42	63.5	0.40		88.9 x 76.1	63.5	1.00	63.5	1.00
2 x 1-1/4	2,375 x 1,660	2.5	1.01	2.5	0.70	4 x 1-1/4	4,500 x 1,660	3	2.33	3	2.19
50 x 32	60.3 x 42.2	63.5	0.46	63.5	0.32	100 x 32	114.3 x 42.2	76.1	1.06	76.1	0.99
2 x 1-1/2	2,375 x 1,900	2.5	0.95	2.5	1.04	4 x 1-1/2	4,500 x 1,900	3	2.05	3	2.05
50 x 40	60.3 x 48.3	63.5	0.43	63.5	0.47	100 x 40	114.3 x 48.3	76.1	0.93	76.1	0.93
2-1/2 x 1	2,875 x 1,315	2.5	1.21	2.5	0.88	4 x 2	4,500 x 2,375	3	2.29	3	2.31
65 x 25	73.0 x 33.4	63.5	0.55	63.5	0.40	100 x 50	114.3 x 60.3	76.1	1.03	76.1	1.05
76.1 x 25 mm	3,000 x 1,315	2.5	1.21	2.5	1.64	4 x 2-1/2	4,500 x 2,875	3	2.25	3	2.05
	76.1 x 33.4	63.5	0.55	63.5	0.75	100 x 65	114.3 x 73.0	76.1	1.02	76.1	0.93
2-1/2 x 1-1/4	2,875 x 1,660	2.5	1.17	2.5	1.59	100 x 76.1 mm	4,500 x 3,000	3	2.25	3*	2.05
65 x 32	73.0 x 42.2	63.5	0.53	63.5	0.72		114.3 x 76.1	76.1	1.02	76.1	0.93
76.1 x 32 mm	3,000 x 1,660	2.5	1.17	2.5	1.59	5 x 1-1/2	5,563 x 1,900	3.5*	3.94	3.5*	2.05
	76.1 x 42.2	63.5	0.53	63.5	0.72	125 x 40	141.3 x 48.3	88.9	1.79	88.9	0.93
2-1/2 x 1-1/2	2,875 x 1,900	2.5	1.08	2.5	1.72	139.7 x 40 mm	5,500 x 1,900	3.5*	3.94	3.5*	2.05
65 x 40	73.0 x 48.3	63.5	0.49	63.5	0.78		139.7 x 48.3	88.9	1.79	88.9	0.93
76.1 x 40 mm	3,000 x 1,900	2.5	1.08	2.5	1.72	6 x 1-1/2	6,625 x 1,900	4	6.47	4	4.84
	76.1 x 48.3	63.5	0.49	63.5	0.78	150 x 40	168.3 x 48.3	101.6	2.94	101.6	2.20
2-1/2 x 2	2,875 x 2,375	2.5	1.52	2.5	0.92	165.1 x 40 mm	6,500 x 1,900	4	5.56	4	4.75
65 x 50	73.0 x 60.3	63.5	0.69	63.5	0.42		165.1 x 48.3	101.6	2.52	101.6	2.15
76.1 x 50 mm	3,000 x 2,375	2.5	1.52	2.5	1.09	6 x 2	6,625 x 2,375	4	5.28	4	4.91
	76.1 x 60.3	63.5	0.69	63.5	0.49	150 x 50	168.3 x 60.3	101.6	2.40	101.6	2.23
3 x 1	3,500 x 1,315	2.5	1.91	2.5	1.25	165.1 x 50 mm	6,500 x 2,375	4	5.28	4	4.91
80 x 25	88.9 x 33.4	63.5	0.87	63.5	0.57		165.1 x 60.3	101.6	2.40	101.6	2.23
3 x 1-1/4	3,500 x 1,660	2.5	1.50	2.5	1.67	6 x 2-1/2	6,625 x 2,875	4	5.46	4	4.91
80 x 32	88.9 x 42.2	63.5	0.68	63.5	0.76	150 x 65	168.3 x 73.0	101.6	2.48	101.6	2.23
3 x 1-1/2	3,500 x 1,900	2.5	1.63	2.5	1.53	165.1 x 76.1 mm	6,500 x 3,000	4*	4.40	4*	4.97
80 x 40	88.9 x 48.3	63.5	0.74	63.5	0.74		165.1 x 76.1	101.6	2.00	101.6	2.26
3 x 2	3,500 x 2,375	2.5	1.56	2.5	1.32	6 x 4	6,625 x 4,500	4	6.37	4	4.52
80 x 50	88.9 x 60.3	63.5	0.71	63.5	0.60	150 x 100	168.3 x 114.3	101.6	2.89	101.6	2.10
						165.1 x 100 mm	6,500 x 4,500	4	4.52	4	4.52
							165.1 x 114.3	101.6	2.10	101.6	2.10

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

DIMENSIONS

55

NOMINAL SIZE GR. X TH.	PIPE O.D.	55	
		L	WEIGHT
in mm	in mm	in mm	lb kg
1-1/2 x 1-1/2M	1,900	2.50	0.77
40 x 40M	48.3	63.5	0.35
2 x 2M	2,375	2.50	0.90
50 x 50M	60.3	63.5	0.40

GROOVED-END FITTINGS

7150M	Reducing Nipple (Gr X Mt)
7150F	Reducing Socket Adapter (Gr X Ft)
55	Nipple Adapter (Gr X Mt)

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)

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.