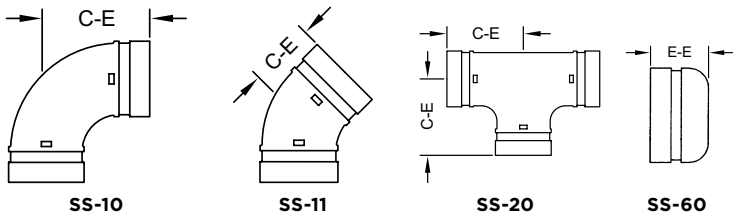


STAINLESS STEEL GROOVED-END FITTINGS

SS-10 90° Elbow
 SS-11 45° Elbow
 SS-20 Tee
 SS-60 Cap



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



The Shurjoint Model SS-10, SS-11, SS-20 and SS-60 stainless steel grooved fittings are investment cast in sizes 1" - 12". These fittings are supplied in ASTM A351 or A743 austenitic grades CF8 (304) and CF8M (316). Materials are in compliance with NSF/ANSI 372 for potable water service applications. In addition fittings are also available on request in CF3M(316L), 316Ti, 2205 Duplex, 2507 Super Duplex and ASTM CK-3MCuN (UNS J93245) the cast equivalent to 254SMO* to meet your specific service requirements. All cast fittings feature full flow characteristics and are designed to the same C - E dimensions of standard ductile iron grooved fittings.

*254SMO is a registered trademark of Avesta Polarit AB.

Shurjoint stainless steel fitting pressure ratings conform to the ratings of Model 7707 coupling.

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

NOMINAL SIZE	PIPE O.D.	SS-10 90° ELBOW		SS-11 45° ELBOW		SS-20 TEE		SS-60 CAP	
		C - E	WEIGHT	C - E	WEIGHT	C - E	WEIGHT	E - E	WEIGHT
in	in	in	lb	in	lb	in	lb	in	lb
mm	mm	mm	Kg	mm	Kg	mm	Kg	mm	Kg
1	1.315	2.25	0.7	1.75	0.4	2.25	0.9	0.94	0.2
25	33.4	57	0.3	45	0.2	57	0.4	24	0.1
1-1/4	1.660	2.75	0.9	1.75	0.7	2.75	1.5	0.94	0.2
32	42.2	70	0.4	45	0.3	70	0.7	24	0.1
1-1/2	1.900	2.75	0.9	1.75	0.9	2.75	1.8	0.94	0.4
40	48.3	70	0.4	45	0.4	70	0.8	24	0.2
2	2.375	3.25	1.3	2.00	1.1	3.25	2.4	0.94	0.4
50	60.3	83	0.6	51	0.5	83	1.1	24	0.2
2-1/2	2.875	3.75	3.1	2.10	2.2	3.75	5.5	1.75	0.9
65	73.0	95	1.4	54	1.0	95	2.5	45	0.4
76.1 mm	3.000	3.75	3.5	2.25	2.2	3.75	5.5	1.75	0.9
	76.1	95	1.6	57	1.0	95	2.5	45	0.4
3	3.500	4.25	2.9	2.50	2.2	4.25	4.6	2.00	1.5
80	88.9	108	1.3	64	1.0	108	2.1	51	0.7
4	4.500	5.00	4.8	3.00	3.5	5.00	7.5	2.00	2.0
100	114.3	127	2.2	76	1.6	127	3.4	51	0.9
139.7 mm	5.500	5.50	8.6	3.25	6.2	5.50	12.3	2.38	3.5
	139.7	140	3.9	83	2.8	140	5.6	60	1.6
5	5.563	5.50	8.6	3.25	6.4	5.50	12.8	2.38	3.3
125	141.3	140	3.9	83	2.9	140	5.8	60	1.5
165.1 mm	6.500	6.50	13.6	3.50	9.0	6.50	19.8	3.00	5.7
	165.1	165	6.2	89	4.1	165	9.0	76	2.6
6	6.625	6.50	14.3	3.50	9.2	6.50	21.3	3.00	5.3
150	168.3	165	6.5	89	4.2	165	9.7	76	2.4
8	8.625	7.75	23.5	4.25	15.6	7.75	41.4	3.50	11.4
200	219.1	197	10.7	108	7.1	197	18.8	90	5.2
10	10.750	9.25*	41.8	6.25	37.0	9.00*	46.4	5.00	22.4
250	273.0	234	19.0	159	16.8	229	21.1	127	10.2
12	12.750	10.00*	83.6	7.50*	43.1	10.00*	94.6	6.00	32.3
300	323.9	254	38.0	191	19.6	254	43.0	154	15.4
200 JIS	8.516	7.75	24.6	4.25	15.6	7.75	30.4	3.50	9.2
	216.3	197	11.2	108	7.1	197	13.8	90	4.2
250 JIS	10.528	9.25*	63.8	6.25	37.0	9.00*	43.6	5.00	19.6
	267.4	234	29.0	159	16.8	229	19.8	127	8.9
300 JIS	12.539	12.20*	47.7	7.50*	43.1	10.00*	59.6	6.00	29.7
	318.5	310	21.7	191	19.6	254	27.1	154	13.5

SS-10	90° Elbow
SS-11	45° Elbow
SS-20	Tee
SS-60	Cap

MATERIAL SPECIFICATIONS

FITTING BODY:

- Type 304 stainless steel to ASTM A351 CF8 or A743 Gr. CF8
- Type316 to ASTM A743CF8M
- Type316L to ASTM A743CF3M
- Type316Ti to ASTM A240
- Duplex 2205 to ASTM A890 4A
- Super Duplex 2507 to ASTM A8905A
- Duplex254SMO to ASTM A351CK3McuN

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.