

STAINLESS STEEL GROOVED END FITTINGS



SS-10



SS-11



SS-20



SS-60



For pressure rating, listing, and approval information, refer to data sheet or visit SHURJOINT website www.shurjoint.com for details or contact your SHURJOINT representatives.

The Shurjoint Model SS-10 and SS-20 stainless steel grooved fittings are investment cast in sizes 1" - 8"; SS-11 is investment cast in sizes 1" - 10"; and SS-60 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.

material specification

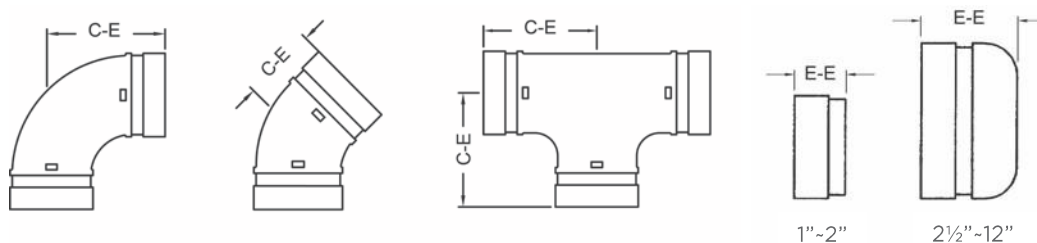
- **Fitting Body:**

Type 304 Stainless steel to ASTM A351 CF8 or A743 Gr. CF8

- Type 316 to ASTM A743 CF8M
- Type 316L to ASTM A743 CF3M
- Type 316Ti to ASTM A240.
- Duplex 2205 to ASTM A890 4A
- Super Duplex 2507 to ASTM A890 5A
- Duplex 254SMO to ASTM A351 CK3McuN



MODEL SS-10 90° ELBOW
SS-11 45° ELBOW
SS-20 TEE
SS-60 CAP



Model SS-10 / SS-11 / SS-20 / SS-60 Stainless Steel Fittings

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	C-E	Weight
in	in	in	lbs	in	lbs	in	lbs	in	lbs
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
1¼	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
1½	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
2½	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	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	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	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

Model SS-10 / SS-11 / SS-20 / SS-60 Stainless Steel Fittings

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	C-E	Weight
in	in	in	lbs	in	lbs	in	lbs	in	lbs
mm	mm	mm	kg	mm	kg	mm	kg	mm	kg
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			6.26	37.0			5.00	22.4
250	273.0			159	16.8			127	10.2
12	12.750							6.00	32.3
300	323.9							154	14.7
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			6.26	37.0			5.00	19.6
	267.4			159	16.8			127	8.9
300 JIS	12.539							6.00	29.7
	318.5							154	13.5

General note

- *Pressure Ratings* for fittings conform to the working pressure of the coupling used to join the system.
- 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 1½ 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.

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