

STAINLESS STEEL GROOVED END FITTINGS

- MODELS SS-21 REDUCING TEE (GR x GR x GR)**
- SS-50 CONCENTRIC REDUCER (GR x GR)**
- SS-21F REDUGING TEE (GR x GR x FT)**
- SS-50F CONCENTRIC REDUCER (GR x FT)**

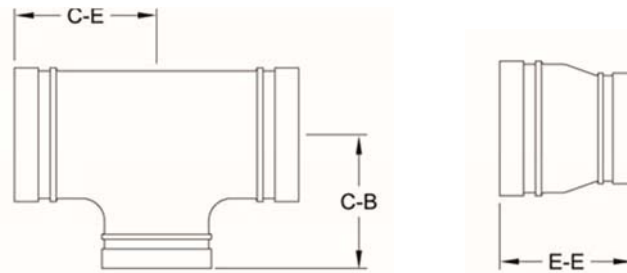
The **Shurjoint** Model SS-21, SS-21F and SS-50, SS-50F stainless steel fittings are investment cast in sizes to 8" and sand cast or wrought in sizes 10" – 24". Materials are in compliance with NSF/ANSI 372 for potable water service applications.

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



MODEL SS-21 REDUCING TEE SS-50 CONCENTRIC REDUCER

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



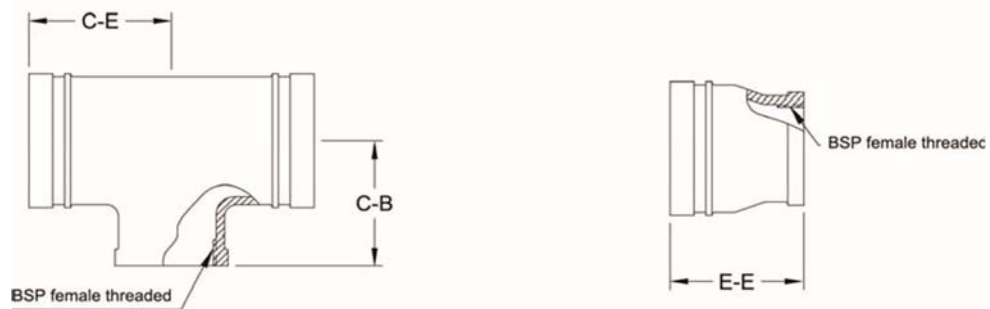
Full warranty terms can be found on www.shurjoint.com

Model SS-21 Reducing Tee, SS-50 Concentric Reducer							
Nominal Pipe Size	Pipe O.D.	SS-21 Reducing Tee		Weight	SS-50 Concentric Reducer		Weight
		C-E	C-B		E - E		
in mm	In mm	In mm	In mm	Lbs Kgs	In mm	Lbs Kgs	
1¼ x 1 30 x 25	1.660 x 1.315 42.2 x 33.4	2.76 70	2.76 70	1.2 0.6	2.50 64	0.5 0.2	
1½ x 1 40 x 25	1.900 x 1.315 48.3 x 33.4	3.25 83	3.25 83	1.3 0.6	2.50 64	0.6 0.3	
1½ x 1¼ 40 x 32	1.900 x 1.660 48.3 x 42.2	3.25 83	3.25 83	1.3 0.6	2.50 64	0.7 0.3	
2 x 1 50 x 25	2.375 x 1.315 60.3 x 33.4	3.25 83	3.25 83	1.5 0.7	2.50 64	0.8 0.3	
2 x 1¼ 50 x 32	2.375 x 1.660 60.3 x 42.2	3.25 83	3.25 83	1.8 0.8	2.50 64	0.7 0.7	
2 x 1½ 50 x 40	2.375 x 1.900 60.3 x 48.3	3.25 83	3.25 83	1.8 0.8	2.50 64	0.7 0.3	
2½ x 1 65 x 25	2.875 x 1.315 73.0 x 33.4	3.74 95	3.74 95	2.0 0.9	2.50 64	0.9 0.4	
2½ x 1¼ 65 x 32	2.875 x 1.660 73.0 x 42.2	3.74 95	3.74 95	2.0 0.9	2.50 64	1.1 0.5	
2½ x 1½ 65 x 40	2.875 x 1.900 73.0 x 48.3	3.74 95	3.74 95	2.0 0.9	2.50 64	1.2 0.5	
2½ x 2 65 x 50	2.875 x 2.375 73.0 x 60.3	3.74 95	3.74 95	4.1 1.9	2.50 64	1.1 0.5	
76.1 mm x 25	3.000 x 1.315 76.1 x 33.4	3.74 95	3.74 95	2.0 0.9	2.50 64	0.9 0.4	
76.1 mm x 32	3.000 x 1.660 76.1 x 42.2	3.74 95	3.74 95	2.0 0.9	2.50 64	1.1 0.5	
76.1 mm x 40	3.000 x 1.900 76.1 x 48.3	3.74 95	3.74 95	2.0 0.9	2.50 64	1.2 0.5	

Model SS-21 Reducing Tee, SS-50 Concentric Reducer

Nominal Pipe Size	Pipe O.D.	SS-21 Reducing Tee		Weight	SS-50 Concentric Reducer	
		C-E	C-B		E - E	Weight
		In mm	In mm		In mm	Lbs Kgs
76.1 mm x 50	3.000 x 2.375 76.1 x 60.3	3.00 76	3.00 76	3.3 1.5	2.50 64	1.1 0.5
3 x 1¼ 80 x 32	3.500 x 1.660 88.9 x 42.2	4.25 108	4.25 108	3.5 1.6	2.50 64	1.1 0.5
3 x 1½ 80 x 40	3.500 x 1.900 88.9 x 48.3	4.25 108	4.25 108	2.9 1.3	2.50 64	1.5 0.6
3 x 2 80 x 50	3.500 x 2.375 88.9 x 60.3	4.25 108	4.25 108	4.6 2.1	2.50 64	1.3 0.6
3 x 2½ 80 x 65	3.500 x 2.875 88.9 x 73.0	4.25 108	4.25 108	6.0 2.7	2.50 64	2.2 1.0
80 x 76.1 mm	3.500 x 3.000 88.9 x 76.1	4.25 108	4.25 108	4.6 2.1	2.50 64	2.2 1.0
4 x 2 100 x 50	4.500 x 2.375 114.3 x 60.3	5.00 127	5.00 127	7.3 3.3	4.00 102	2.2 1.0
4 x 2½ 100 x 65	4.500 x 2.875 114.3 x 73.0	5.00 127	5.00 127	8.8 4.0	4.00 102	3.1 1.4
100 x 76.1 mm	4.500 x 3.000 114.3 x 76.1	5.00 127	5.00 127	9.0 4.1	4.00 102	3.1 1.4
4 x 3 100 x 80	4.500 x 3.500 114.3 x 88.9	5.00 127	5.00 127	7.0 3.2	4.00 102	2.0 0.9
139.7 mm x 100 125 x 100	5.500 x 4.500 139.7 x 114.3	5.50 140	5.50 140	11.2 5.1	3.50 89	3.5 1.6
5 x 4 125 x 100	5.563 x 4.500 141.3 x 114.3	5.50 140	5.50 140	11.2 5.1	3.50 89	3.5 1.6
165.1 mm x 80	6.500 x 3.500 165.1 x 88.9	6.50 165	6.50 165	15.6 7.1	4.00 102	5.1 2.3
165.1 mm x 100	6.500 x 4.500 165.1 x 114.3	6.50 165	6.50 165	19.4 8.8	4.00 102	5.1 2.3
165.1 mm x 139.7 mm	6.500 x 5.500 165.1 x 139.7	6.50 165	6.50 165	19.4 8.8	4.00 102	5.7 2.6
6 x 3 150 x 80	6.625 x 3.500 168.3 x 88.9	6.50 165	6.50 165	15.6 7.1	4.00 102	5.1 2.3
6 x 4 150 x 100	6.625 x 4.500 168.3 x 114.3	6.50 165	6.50 165	19.4 8.8	4.00 102	5.1 2.3
6 x 5 150 x 125	6.625 x 5.563 168.3 x 141.3	6.50 165	6.50 165	19.4 8.8	4.00 102	5.7 2.6
8 x 4 200 x 100	8.625 x 4.500 219.1 x 114.3	7.76 197	7.76 197	35.4 16.1	5.00 127	9.5 4.3
8 x 5 200 x 125	8.625 x 5.563 219.1 x 141.3	7.76 197	7.76 197	28.6 13.0	5.00 127	11.9 5.4
8 x 6 200 x 150	8.625 x 6.625 219.1 x 168.3	7.76 197	7.76 197	54.1 24.6	5.00 127	9.5 4.3
10 x 6 250 x 150	10.750 x 6.625 273.0 x 168.3	9.02 229	9.02 229	59.2 26.9	6.00 152	18.3 8.3
10 x 8 250 x 200	10.750 x 8.625 273.0 x 219.1	9.02 229	9.02 229	60.1 27.3	6.00 152	19.1 8.7
12 x 8 300 x 200	12.750 x 8.625 323.9 x 219.1	10.00 254	10.00 254	56.1 25.5	7.00 178	49.5 22.0
12 x 10 300 x 250	12.750 x 10.750 323.9 x 273.0	10.00 254	10.00 254	57.2 26.0	7.00 178	23.1 11.3
200 JIS x 100	8.516 x 4.500 216.3 x 114.3	7.76 197	7.76 197	35.4 16.1	5.00 127	9.5 4.3
200 JIS x 125	8.516 x 5.500 216.3 x 139.7	7.76 197	7.76 197	28.6 13.0	5.00 127	11.9 5.4
200 JIS x 165.1 mm	8.516 x 6.500 216.3 x 165.1	7.76 197	7.76 197	54.1 24.6	5.00 127	9.5 4.3
250 JIS x 165.1 mm	10.528 x 6.500 267.4 x 165.1	9.02 229	9.02 229	59.2 26.9	6.00 152	18.3 8.3
250 JIS x 200 JIS	10.528 x 8.516 267.4 x 216.3	9.02 229	9.02 229	60.1 27.3	6.00 152	19.1 8.7
300 JIS x 200 JIS	12.539 x 8.516 318.5 x 216.3	10.00 254	10.00 254	56.1 25.5	7.00 178	49.5 22.0
300 JIS x 250 JIS	12.539 x 10.528 318.5 x 267.4	10.00 254	10.00 254	57.2 26.0	7.00 178	23.1 11.3

**MODEL SS-21F REDUCING TEE (GR x GR x FT)
SS-50F CONCENTRIC REDUCER (GR x FT)**



Model SS-21F Reducing Tee, SS-50F Concentric Reducer

Nominal Pipe Size	Pipe O.D.	SS-21F Reducing Tee		Weight	SS-50F Concentric Reducer	
		C-E	C-B		E - E	Weight
mm	mm	mm	mm	Kgs	mm	Kgs
65 x 40F	73.0/76.1 x 48.3	76	76	0.83	---	---
65 x 50F	73.0/76.1 x 60.3	---	---	---	89	0.95
80 x 50F	88.9 x 60.3	95	95	2.1	89	0.92
100 x 50F	114.3 x 60.3	114	114	3.2	102	1.76

*FT: BSP female threaded

MATERIAL SPECIFICATIONS

• **Fitting Body:**

- Type 304 Stainless steel to ASTM A351 CF8 or A743 Gr. CF8
- Type 316 to ASTMA743 CF8M
- Type 316L to ASTMA743 CF3M
- Type 316Ti to ASTMA240.
- Duplex 2205 to ASTMA890 4A.
- Super Duplex 2507 to ASTMA890 5A.
- Duplex 254SMO to ASTMA351 CK3McuN.

General Notes:

- **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 (AWWAC606 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.