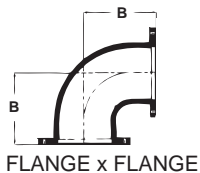
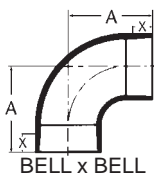


SILVER STREAK™ FITTINGS DIMENSIONS

- **Silver Streak** piping and fittings are designed especially for abrasive and corrosive services such as limestone and gypsum slurries, found in flue gas desulfurization (FGD) scrubber applications.
- **Silver Streak** piping systems are designed to operate at temperatures up to 225°F and pressures up to 225 psig.
- All bell end and assembled flanged* **Silver Streak** fittings are rated for service up to 225 psig.
- A complete line of standard long-radius fittings are available. Odd degree elbows are available on special order.
- Fittings are constructed with the same abrasion-resistant additives as the pipe.
- All fittings, except compression molded, have a nominal corrosion/abrasion barrier of 100 mils.

90° Elbow



Nominal Pipe Size (In.)	225 psig A (In.)	150 psig B (In.)	225 psig B (In.)	X ⁽¹⁾ (In.)	B x B Weight (lbs)	F x F Weight (lbs)
2	6.31	--	9.50	2.64	8.80	11.80
3	8.00	--	11.62	2.86	13.20	19.20
4	9.75	--	13.50	3.13	17.60	26.20
6	12.75	--	17.00	2.76	26.50	38.00
8	19.50	16.12	24.5*	5.28	35.00	45.00
10	23.25	19.88	29.0*	5.12	67.00	86.00
12	27.00	23.12	33.0*	6.40	101	138
14	30.00	24.50	34.0*	4.55	198	256
16	34.00	27.87	38.0*	5.61	260	322
18	36.75	--	47.0	6.63	353	468
20	42.25	--	53.0	7.75	470	609
24	50.00	--	63.0	9.25	672	866

45° Elbow



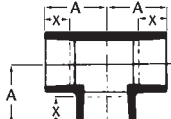
Nominal Pipe Size (In.)	225 psig A (In.)	150 psig B (In.)	225 psig B (In.)	X ⁽¹⁾ (In.)	B x B Weight (lbs)	F x F Weight (lbs)
2	4.56	--	7.50	2.64	5.0	8.40
3	5.25	--	8.62	2.86	8.1	14.10
4	6.25	--	9.62	3.13	10.8	19.40
6	7.50	--	11.37	2.76	16.2	27.70
8	12.50	9.00	17.5*	5.28	21.6	32.00
10	14.50	11.12	20.3*	5.12	43.0	62.00
12	16.50	12.62	23.0*	6.40	65.0	102
14	17.62	12.25	22.0*	4.55	109	167
16	20.00	13.75	24.0*	5.61	144	206
18	20.93	--	31.0	6.63	209	324
20	24.68	--	36.0	7.75	259	398
24	28.91	--	42.0	9.25	389	583

B = BELL F = FLANGE

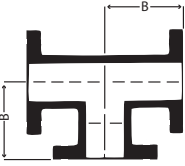
(1) This is a nominal make-up dimension for drawing layout work only. Do not use for assembly dimensions.

* Special Order

Tee



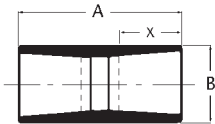
BELL x BELL x BELL



FLANGE x FLANGE
x FLANGE

Nominal Pipe Size (In.)	225 psig A (In.)	150 psig B (In.)	225 psig B (In.)	X ⁽¹⁾ (In.)	B x B x B Weight (lbs)	F x F x F Weight (lbs)
2	5.56	--	8.37	2.64	6.8	11.2
3	6.25	--	9.37	2.86	10.1	19.1
4	7.50	--	10.62	3.13	13.5	26.4
6	9.50	--	13.12	2.76	27.5	45.0
8	13.50	9.00	13.5	5.28*	41.0	56.0
10	15.75	11.00	15.8	5.12*	56.0	85.0
12	17.00	12.00	17.0	6.40*	88.0	144
14	19.50	14.00	19.5	4.55*	120	207
16	21.25	15.00	21.3	5.61*	150	243
18	22.38	--	33.0	6.63	195	300
20	26.25	--	38.0	7.75	255	371
24	28.00	--	41.0	9.25	356	496

Sleeve Coupling

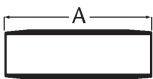


BELL x BELL

NOTE 18"-24" Couplings:
If coupling length "A" is critical for a piping system design, please specify "A" dimension when ordering.

Nominal Pipe Size (In.)	A (In.)	B (In.)	X ⁽²⁾ (In.)	Max. Operating Pressure (psig)	B x B Weight (lbs)
2	4.87	2.50	1.84	225	0.4
3	6.50	3.87	2.36	225	0.8
4	6.50	4.87	1.99	225	0.9
6	8.00	7.00	2.87	225	1.9
8	10.50	9.12	3.47	225	3.4
10	11.00	11.12	4.34	225	5.2
12	12.50	13.12	4.82	225	7.5
14	15.00	15.12	5.47	225	11.2
16	17.00	17.25	6.27	225	16.0
18	16.00	18.75	6.88	225	22.7
20	19.00	20.75	8.00	225	27.5
24	23.00	25.00	10.00	225	38.0

Nipple



Nominal Pipe Size (In.)	Nipple Length (In.)											
	6	(lbs)	8	(lbs)	12	(lbs)	16	(lbs)	24	(lbs)	36	(lbs)
2	◆	0.6	◆	0.7	--	--	--	--	--	--	--	--
3	◆	0.8	◆	1.1	--	--	--	--	--	--	--	--
4	--	--	◆	1.4	--	--	--	--	--	--	--	--
6	--	--	◆	2.1	◆	3.1	◆	4.1	--	--	--	--
8	--	--	--	--	◆	4.8	◆	6.4	--	--	--	--
10	--	--	--	--	◆	6.1	◆	8.1	--	--	--	--
12	--	--	--	--	--	--	◆	10.0	--	--	--	--
14	--	--	--	--	--	--	◆	13.3	--	--	--	--
16	--	--	--	--	--	--	◆	17.1	--	--	--	--
18	--	--	--	--	--	--	--	--	--	--	◆	30.0
20	--	--	--	--	--	--	--	--	--	--	◆	37.0
24	--	--	--	--	--	--	--	--	--	--	◆	51.0

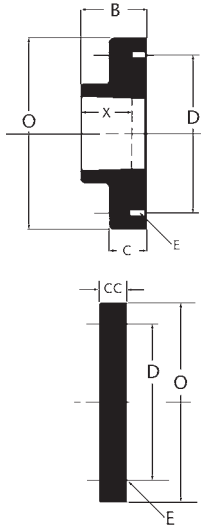
B = BELL F=FLANGE

◆ Standard stock.

(1) This is a nominal make-up dimension for drawing layout work only. Do not use for assembly dimensions.

* Special order.

Flange

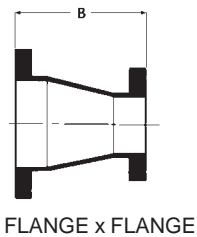
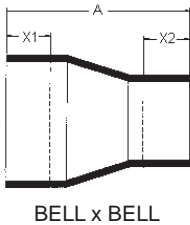


Nominal Pipe Size (In.)	B	C	CC ⁽¹⁾	D	E	O	X ⁽¹⁾	Max. Operation Pressure (psig)		Weight (lbs)	
								Flange	Blind Flange	Flange	Blind Flange
2	2.25	.75	.75	4.75	.75 D-4 holes	6.00	1.75	225	150	1.3	1.3
3	2.62	1.37	1.00	6.00	.75 D-4 holes	7.50	2.25	225	150	2.6	3.0
4	2.62	1.37	1.00	7.50	.75 D-8 holes	9.00	2.25	225	150	3.6	4.0
6	3.00	1.50	1.12	9.50	.875 D-8 holes	11.00	2.75	225	150	4.4	6.6
8	4.00	1.75	1.12	11.75	.875 D-8 holes	13.50	3.25	225	135	9.3	10.6
10	4.75	2.00	1.25	14.25	1 D-12 holes	16.00	3.75	225	95	16.0	16.3
12	5.00	2.25	1.25	17.00	1 D-12 holes	19.00	3.75	225	65	24.0	24.0
14	3.12	2.50	1.62	18.75	1.125 D-12 holes	20.75	3.00	225	150	30.0	45.0
16	3.12	2.50	1.87	21.25	1.125 D-16 holes	23.25	3.00	225	150	37.0	67.0
18	9.00	2.75	2.50	22.75	1.25 D-16 holes	25.00	6.88	225	150	76.0	125
20	11.00	2.75	2.75	25.00	1.25 D-20 holes	27.50	8.00	225	150	92.0	140
24	13.00	3.00	3.37	29.50	1.375 D-20 holes	32.00	10.00	225	150	124.0	155

Note: All flanges are ANSI B16.5-150 lb. Bolt Hole Circle.

(1) Steel back-up plates must be used to achieve pressure ratings equivalent to the pipe.

Concentric Reducer

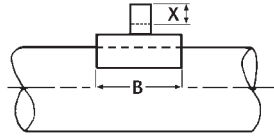
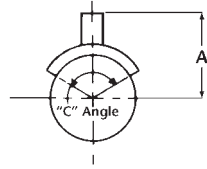


Nominal Reducer Size (In.)	A	Max. Pressure (psig)	X1 ⁽¹⁾	X2 ⁽¹⁾	B	B x B Weight (lbs)	F x F Weight (lbs)
3 x 2	7.50	225	2.81	2.63	14.75*	7.4	14.0
4 x 3	9.25	225	3.13	2.63	15.38*	10.7	20.6
4 x 2	9.00	225	3.13	2.63	17.00*	10.1	22.2
6 x 4	11.50	225	2.75	3.13	18.13*	14.1	26.6
6 x 3	11.25	225	2.75	2.68	19.63*	13.4	28.8
6 x 2	11.00	225	2.75	2.63	21.25*	12.7	27.8
6 x 4	11.50	225	2.75	3.13	18.13*	14.1	26.6
8 x 6	16.75	225	5.25	2.75	25.00*	17.1	34.0
8 x 4	16.75	225	5.25	3.13	24.13*	16.4	32.0
8 x 3	16.25	225	5.25	2.81	24.13*	15.6	31.0
8 x 2	16.00	225	5.25	2.63	24.13*	14.8	29.7
10 x 8	21.00	225	5.06	5.25	12.00	28.2	43.0
10 x 6	18.00	225	5.06	2.75	12.00	24.4	42.2
12 x 10	23.50	225	6.40	5.12	14.00	44.0	72.0
14 x 12	26.25	225	4.50	6.38	16.00	67.0	115
14 x 10	26.00	225	4.50	5.06	16.00	60.0	106
16 x 14	29.50	225	5.56	4.50	18.00	98.0	158
16 x 12	29.00	225	5.56	6.38	18.00	88.8	147.4
18 x 16	29.75	225	6.63	5.56	46.00*	110	204
18 x 14	29.38	225	6.63	4.50	46.00*	100	199.1
20 x 18	32.00	225	7.75	6.63	53.00*	140	229
20 x 16	32.88	225	7.75	5.56	53.00*	106	223.1
24 x 20	46.25	225	9.25	7.75	70.00*	190	275
24 x 18	36.00	225	9.25	6.63	70.00*	133	268.4

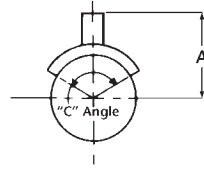
* Nipples and flanges

(1) This is a nominal make-up dimension for drawing layout work only. Do not use for assembly dimensions.

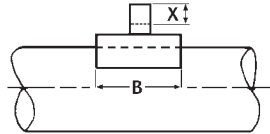
Saddles



Size	A	B	Angle C	X	Steady Pres- sure Rating
In.	In.	In.	Degree	In.	psi
2x1	2.88	4.00	180	1.00	225
2x1½	2.88	4.00	180	1.38	225
3x1	3.50	6.00	180	1.00	225
3x1½	3.50	6.00	180	1.38	225
3x2	4.00	6.00	180	2.64	225
4x1	4.00	6.00	180	1.00	225
4x1½	4.00	6.00	180	1.38	225
4x2	4.50	6.00	180	2.64	225
4x3	5.25	6.00	180	2.88	150
6x1	5.00	6.00	120	1.00	225
6x1½	5.00	6.00	120	1.38	225
6x2	5.50	6.00	120	2.64	225
6x3	6.25	6.00	120	2.88	150
6x4	6.38	8.00	140	3.13	150
8x2	8.25	9.00	120	2.64	225
8x3	8.25	14.00	180	2.88	225
8x4	8.64	14.00	180	3.13	225
8x6	8.64	14.00	180	2.75	125
10x2	9.25	9.00	95	2.64	225
10x3	9.25	14.00	150	2.88	225
10x4	9.64	16.75	180	3.13	225
10x6	9.64	16.75	180	2.75	190
10x8	13.88	16.75	180	5.25	100
12x2	10.25	10.00	90	2.64	225
12x3	10.25	14.00	125	2.88	225
12x4	10.64	17.00	155	3.13	225
12x6	10.64	21.00	180	2.75	225
12x8	14.88	21.00	180	5.25	150
12x10	15.64	21.00	180	5.13	100

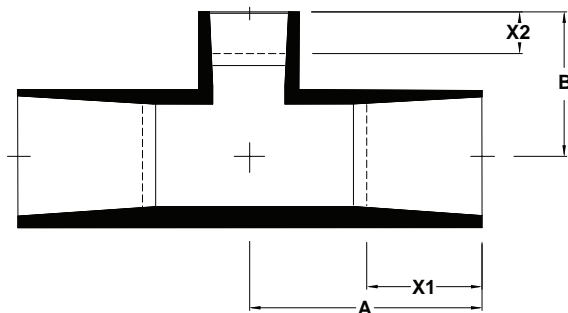


Saddles, Cont'd.



Size	A	B	Angle C	X	Steady Pressure Rating
In.	In.	In.	Degree	In.	psi
14x2	11.00	12	95	2.64	225
14x3	11.13	15	120	2.88	225
14x4	11.50	17	135	3.50	225
14x6	11.64	21	165	2.75	225
14x8	15.75	21	165	5.25	190
14x10	15.64	26	180	5.13	225
14x12	17.25	26	180	6.38	100
16x2	12.00	13	90	2.64	225
16x3	12.13	15	105	2.88	225
16x4	12.50	17	120	3.13	225
16x6	12.64	21	145	2.75	225
16x8	16.75	26	180	5.25	225
16x10	17.64	26	180	5.13	190
16x12	18.25	26	180	6.38	150
18x2	12.88	13	90	2.64	225
18x3	13.25	15	90	2.88	225
18x4	13.25	17	110	3.13	225
18x6	14.50	21	130	2.75	225
18x8	16.00	26	160	5.25	225
18x10	15.88	28	180	5.13	225
18x12	16.25	32	180	6.38	190
20x2	13.88	13	90	2.64	225
20x3	14.25	15	90	2.88	225
20x4	14.25	17	95	3.50	225
20x6	15.50	21	120	2.75	225
20x8	17.00	26	150	5.25	225
20x10	17.00	28	160	5.13	225
20x12	17.25	32	180	6.38	190
24x2	16.00	13	70	2.64	225
24x3	16.25	15	70	2.88	225
24x4	16.25	17	80	3.13	225
24x6	17.64	21	100	2.75	225
24x8	19.13	26	120	5.25	225
24x10	19.00	28	130	5.13	225
24x12	19.38	32	150	6.38	190

REDUCING TEES



(1) This is a nominal make-up dimension for drawing layout work only. Do not use for assembly dimensions.

Nom. Size	A	X1 ⁽¹⁾	B	X2 ⁽¹⁾	Nom. Wgt.	Steady Pressure
In	In	In	In	In	Lbs	psig
8x6	13.50	5.30	10.25	2.80	36	225
8x4	13.50	5.30	10.25	3.10	33	225
8x3	13.50	5.30	9.88	2.90	31	225
8x2	13.50	5.30	9.81	2.60	28	225
10x8	15.75	5.10	13.50	5.30	48	225
10x6	15.75	5.10	11.75	2.80	44	225
10x4	15.75	5.10	11.75	3.10	41	225
10x3	15.75	5.10	11.38	2.90	37	225
12x10	17.00	6.40	15.75	5.10	72	225
12x8	17.00	6.40	15.00	5.30	65	225
12x6	17.00	6.40	13.25	2.80	60	225
12x4	17.00	6.40	13.25	3.10	55	225
14x12	19.56	4.60	17.00	6.40	93	225
14x10	19.56	4.60	16.25	5.10	85	225
14x8	19.56	4.60	15.50	5.30	77	225
14x6	19.56	4.60	13.75	2.80	71	225
16x14	21.25	5.60	20.00	4.60	111	225
16x12	21.25	5.60	18.00	6.40	101	225
16x10	21.25	5.60	17.25	5.10	91	225
16x8	21.25	5.60	16.50	5.30	83	225

Laterals, crosses, and eccentric reducers available upon request.

All dimensions listed in this bulletin are nominal in nature and should only be used for system layout and take off. Actual fittings and fabrication work should be measured before bonding to ensure dimensional accuracy. Fiber Glass Systems does not warrant and is in no way responsible for the workmanship of any distributor, contractor or others involved in the installation of the goods.

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