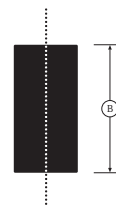


SP 8 SERIES	Nominal Size Inches (mm)	A Inches (mm)	B Inches (mm)	C Inches (mm)
	2 (50)	5.12 (130.1)	6.25 (158.8)	4.62 (117.3)
	2½ (65)	5.87 (149.1)	6.75 (171.5)	5.00 (127.0)
	3 (75)	6.62 (168.1)	7.25 (184.2)	5.45 (138.4)
	4 (100)	8.27 (210.1)	8.30 (210.8)	6.37 (161.8)
	6 (150)	9.75 (247.7)	9.50 (241.3)	8.03 (204.0)
	8 (200)	11.70 (297.2)	11.0 (279.4)	9.30 (235.2)

COUPLING



SP SERIES	Nominal Size Inches (mm)	A Inches (mm)	B Inches (mm)	C Inches (mm)
	1½ (40)	6.25 (158.8)	9.00 (228.6)	5.75 (146.1)
	2 (50)	6.56 (166.6)	9.12 (231.6)	6.06 (153.9)
	2½ (65)	7.00 (177.8)	9.00 (228.6)	6.20 (157.5)
	3 (75)	7.50 (190.5)	9.00 (228.6)	6.30 (160.0)
	4 (100)	8.50 (215.9)	9.00 (228.6)	6.70 (170.2)
	5 (125)	9.00 (228.6)	9.00 (228.6)	8.25 (209.6)
	6 (150)	9.50 (241.3)	9.00 (228.6)	7.50 (190.5)

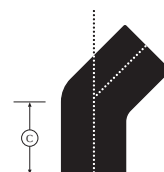
90° ELBOW



SPH SERIES	Nominal Size Inches (mm)	A Inches (mm)	B Inches (mm)	C Inches (mm)
	4 (100)	8.50 (215.9)	9.00 (228.6)	6.75 (171.5)
	6 (150)	11.00 (279.8)	12.0 (304.8)	9.28 (235.7)
	8 (200)	12.20 (309.9)	12.0 (304.8)	9.80 (248.9)
	10 (250)	12.87 (321.9)	12.0 (304.8)	10.00 (254.0)

45° ELBOW

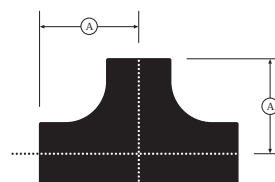
11¼", 22½", 30" & 60"
also available



CEN SERIES	Nominal Size Inches (mm)	A Inches (mm)	B Inches (mm)	C Inches (mm)
	2 (50)	6.00 (152.4)	8.5 (215.9)	5.49 (139.4)
	3 (75)	7.00 (177.8)	8.5 (215.9)	5.74 (145.8)
	4 (100)	8.00 (203.2)	8.5 (215.9)	6.25 (158.8)

TEE

Reducing Tees
also available



Note: 1. All stock fittings are rated equal to the highest pressure rating of the matching pipe in a given size and series.

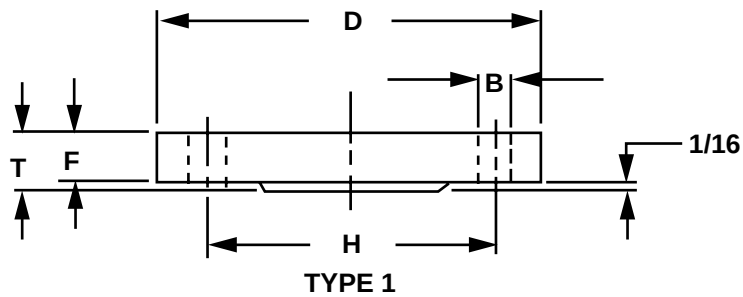
2. Concentric reducers, both single and multiple step, are available. Crossover fittings are also available.



Pipe Size	ANSI Rating*	Nominal Outside Dia. (D) Inches	Flange Thickness (F) Inches	Overall Thickness (T) Inches	Bolt Circ Dia. (H) Inches	Required Number Bolts	Hole (B) Size Inches	Bolt Size Inches	Bolt Length Inches ¹
2 CEN	150#	6	2	2.06	4 ³ / ₄	4	3/4	5/8	6
3 CEN	150#	7 ¹ / ₂	2 ¹ / ₂	2.56	6	4	3/4	5/8	6 ³ / ₄
4 CEN	150#	9	3	3.06	7 ¹ / ₂	8	3/4	5/8	7 ³ / ₄
2 CEN	300#	6 ¹ / ₂	2	2.06	5	8	3/4	5/8	5 ³ / ₄
3 CEN	300#	8 ¹ / ₄	2 ¹ / ₂	2.56	6 ⁵ / ₈	8	7/8	3/4	7
4 CEN	300#	10	3	3.06	7 ⁷ / ₈	8	7/8	3/4	8 ¹ / ₄
2 CEN	600#	SAME AS 300#	—	—	—	—	—	—	—
3 CEN	600#	SAME AS 300#	—	—	—	—	—	—	—
4 CEN	600#	10 ³ / ₄	3	3.06	8 ¹ / ₂	8	1	7/8	
2 CEN	900#	8 ¹ / ₂	2	2.06	6 ¹ / ₂	8	1	7/8	6 ¹ / ₂
3 CEN	900#	9 ¹ / ₂	2 ¹ / ₂	2.56	7 ¹ / ₂	8	1	7/8	7 ¹ / ₄
4 CEN	900#	11 ¹ / ₂	3	3.06	9 ¹ / ₄	8	1 ¹ / ₄	1 ¹ / ₈	8 ³ / ₄
2 CEN	1500#	SAME AS 300#	—	—	—	—	—	—	—
3 CEN	1500#	10 ¹ / ₂	2 ¹ / ₂	2.56	8	8	1 ¹ / ₄	1 ¹ / ₈	7 ³ / ₄
4 CEN	1500#	12 ¹ / ₄	3	3.06	9 ¹ / ₂	8	1 ³ / ₈	1 ¹ / ₄	9

*Dimensions, except thickness, per ANSI B16.5

1. Bolt length is minimum for fiberglass to fiberglass using threaded rod, 2 nuts and 2 SAE washers.



Pipe Size	ANSI Rating*	Nominal Outside Dia. (D) Inches	Flange Thickness (F) Inches	Overall Thickness (T) Inches	Bolt Circ Dia. (H) Inches	Required Number Bolts	Hole (B) Size Inches	Bolt Size Inches	Bolt Length Inches ¹
SP 1 1/2	150#	5.0	X	4.5	3.88	4	5/8	1/2	10 7/8
SP 2	150#	6.0	X	4.5	4.75	4	3/4	5/8	11 1/8
SP 2 1/2	150#	7.0	X	4.5	5.50	4	3/4	5/8	11 1/8
SP 3	150#	7.5	X	4.5	6.00	4	3/4	5/8	11 1/8
SP 4	150#	9.0	X	4.5	7.50	8	3/4	5/8	11 1/8
SPH 4	150#	9.0	X	4.5	7.50	8	3/4	5/8	12 1/8
SP 5	150#	10.0	X	4.5	8.50	8	7/8	3/4	11 1/4
SP 6	150#	11.0	X	4.5	9.50	8	7/8	3/4	11 1/4
SPH 6	150#	11.0	X	6.0	9.50	8	7/8	3/4	14 3/4
SPH 8	150#	13.5	X	6.0	11.75	8	7/8	3/4	14 3/4
SPH 10	150#	16.0	X	6.0	14.25	12	1	7/8	14 3/4
SP 1 1/2	300#	6.1	X	4.5	4.50	4	7/8	3/4	11 1/4
SP 2	300#	6.5	X	4.5	5.00	8	3/4	5/8	10 7/8
SP 2 1/2	300#	7.5	X	4.5	5.88	8	7/8	3/4	11 1/4
SP 3	300#	8.2	X	4.5	6.62	8	7/8	3/4	11 1/4
SP 4	300#	10.0	X	4.5	7.88	8	7/8	3/4	11 1/4
SPH 4	300#	10.0	X	4.5	7.88	8	7/8	3/4	12 1/4
SP 5	300#	11.0	X	4.5	9.25	8	7/8	3/4	11 1/4
SP 6	300#	12.5	X	4.5	10.62	12	7/8	3/4	11 1/4
SPH 6	300#	12.5	X	6.0	10.62	12	7/8	3/4	14 3/4
SPH 8	300#	16.5	X	6.0	13.00	12	1	7/8	15 1/4
SPH 10	300#	17.5	X	6.0	15.25	16	1 1/8	1	15 1/4
SP 1 1/2	600#	SAME AS 300#	—	—	—	—	—	—	—
SP 2	600#	SAME AS 300#	—	—	—	—	—	—	—
SP 2 1/2	600#	SAME AS 300#	—	—	—	—	—	—	—
SP 3	600#	SAME AS 300#	—	—	—	—	—	—	—
SP 4	600#	10.75	X	4.5	8.5	8	1	7/8	11 1/2
SPH 4	600#	10.75	X	4.5	8.5	8	1	7/8	12 1/2
SP 5	600#	13.00	X	4.5	10.50	8	1 1/8	1	11 3/4
SP 6	600#	14.00	X	4.5	11.50	12	1 1/8	1	11 3/4
SPH 6	600#	14.00	X	6.0	11.50	12	1 1/8	1	16
SPH 8	600#	16.50	X	6.0	13.75	12	1 1/4	1 1/8	16 1/4
SPH 10	600#	20.00	X	6.0	17.00	16	1 3/8	1 1/4	16 1/4

*Dimensions, except thickness, per ANSI B16.5

Bolt length is minimum for fiberglass to fiberglass using threaded rod, 2 nuts and 2 SAE washers.

Pipe Size	ANSI Rating*	Nominal Outside Dia. (D) Inches	Flange Thickness (F) Inches	Overall Thickness (T) Inches	Bolt Circ Dia. (H) Inches	Required Number Bolts	Hole (B) Size Inches	Bolt Size Inches	Bolt Length Inches ¹
SP 1 1/2	900#	7.00	X	4.5	4.88	4	1 1/8	1	11 5/8
SP 2	900#	8.50	X	4.5	6.50	8	1	7/8	11 1/2
SP 2 1/2	900#	9.62	X	4.5	7.50	8	1 1/8	1	11 5/8
SP 3	900#	9.50	X	4.5	7.50	8	1	7/8	11 1/2
SP 4	900#	11.50	X	4.5	9.25	8	1 1/4	1 1/8	11 7/8
SPH 4	900#	11.50	X	4.5	9.25	8	1 1/4	1 1/8	12 7/8
SP 5	900#	13.75	X	4.5	11.00	8	1 1/8	1 1/4	12
SP 6	900#	15.00	X	4.5	12.50	12	1 1/4	1 1/8	11 7/8
SPH 6	900#	15.00	X	6.0	12.50	12	1 1/4	1 1/8	16 1/4
SPH 8	900#	18.50	X	6.0	15.50	12	1 1/2	1 1/8	16 1/2
SPH 10	900#	21.50	X	6.0	18.50	16	1 1/2	1 3/8	16 1/2
SP 1 1/2	1500#	SAME AS 900#	—	—	—	—	—	—	—
SP 2	1500#	SAME AS 900#	—	—	—	—	—	—	—
SP 2 1/2	1500#	SAME AS 900#	—	—	—	—	—	—	—
SP 3	1500#	10.50	X	4.5	8.00	8	1 1/4	1 1/8	11 7/8
SP 4	1500#	12.25	X	4.5	9.50	8	1 3/8	1 1/4	12
SPH 4	1500#	12.25	X	4.5	9.50	8	1 3/8	1 1/4	13
SP 5	1500#	14.75	X	4.5	11.50	8	1 5/8	1 1/2	12 3/4
SP 6	1500#	15.50	X	4.5	12.50	12	1 1/2	1 3/8	12 1/4
SPH 6	1500#	15.50	X	6.0	12.50	12	1 1/2	1 3/8	16 1/2
SPH 8	1500#	19.00	X	6.0	15.50	12	1 3/4	1 5/8	16 3/4
SPH 10	1500#	23.00	X	6.0	19.00	12	2 1/8	2	17

*Dimensions, except thickness, per ANSI B16.5

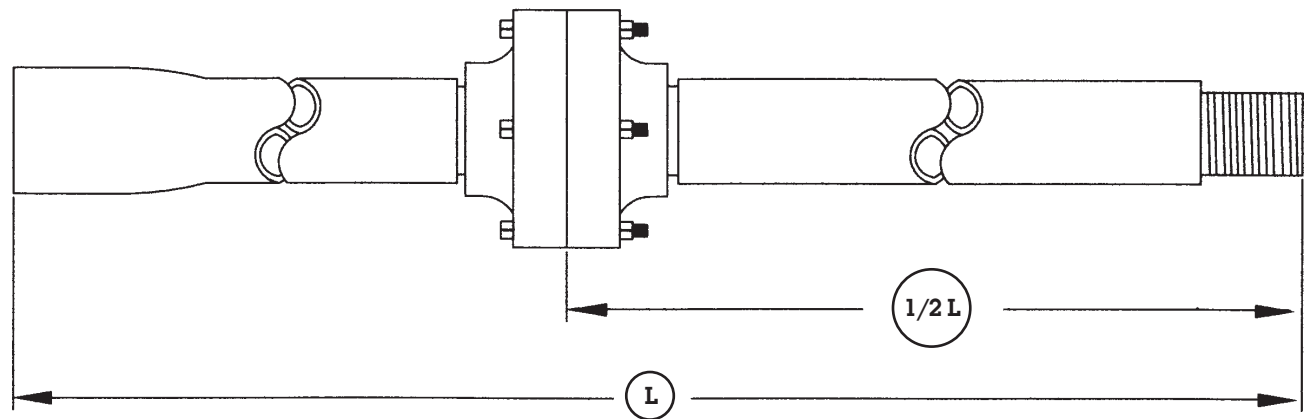
Bolt length is minimum for fiberglass to fiberglass using threaded rod, 2 nuts and 2 SAE washers.

Fittings

Repair Joint & Flanged Lateral Tee Connection

Length (L) (Feet*)	Pipe Type	
29 ¹ / ₂ *	SP, SPH, SP8	Centron line pipe joints are of constant length. Centron repair joints can be installed easily without cutting or custom fitting and require no adhesives.
30*	CEN	

*8-inch and 10-inch are 29.2 feet in length. Other lengths are available.



Size	Pipe Type	L (Feet)	2A (Inches)	T (Inches)	
2	CEN	30	12	4.12	For insertion into existing flow or injection lines for new lateral hookups.
3	CEN	30	14	5.12	
4	CEN	30	16	6.12	
1 ¹ / ₂	SP	29.5	13	9.12	
2	SP	29.5	13.12	9.12	
2 ¹ / ₂	SP	29.5	14	9.12	
3	SP	29.5	15	9.12	
4	SP & SPH	29.5	17	9.12	
6	SPH	29.5	22	12.12	
8	SPH	29.2	24.5	12.12	
10	SPH	29.2	25.25	12.12	

*See fittings for various ANSI Flange thicknesses.

