


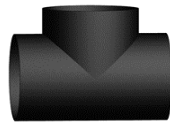




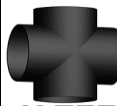


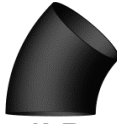

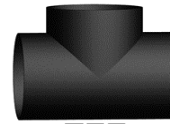






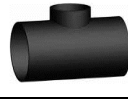




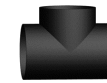
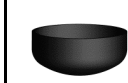




CS BUTT WELD FITTINGS SGP A234WPB S40 STD S80 XS S160 XXS

SGP & S40 & S80	CS BUTT WELD FITTINGS SGP A234WPB S40 STD S80 XS S160 XXS																											SGP & S40 & S80
																												
	SGP	S40	S80	SGP	S40	S80	SGP	S40	S80	SGP	S40	S80	SGP	S40	S80	SGP	S40	S80	S40	S80	S40	S80	S40	S80	S40	S80	S80	
1/4"		0.70									4.30															1/4"		
3/8"		0.50									1.40															3/8"		
1/2"	0.60	0.70	0.80	0.40	0.80	0.90	0.80	0.90	1.70	1.10	2.10	2.60	0.50	1.20	1.30	0.00	0.60	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1/2"		
3/4"	0.70	0.80	0.90	0.50	0.80	0.80	0.90	1.20	1.30	1.50	1.80	4.70	0.60	1.30	1.40	0.00	0.60	1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3/4"		
1"	0.80	0.90	1.00	0.50	0.80	1.10	1.00	1.20	1.30	1.90	2.00	2.80	0.70	1.00	2.30	0.00	1.20	1.80	3.80	0.00	3.20	6.00	10.00	14.00	0.00	1"		
1-1/4"	1.00	1.10	1.70	0.70	0.80	1.40	1.70	1.80	2.50	2.40	2.80	5.60	0.80	1.10	2.80	0.00	1.40	2.30	5.30	0.00	3.20	8.50	13.40	22.00	0.00	1-1/4"		
1-1/2"	1.20	1.50	1.90	0.90	1.00	1.70	1.80	1.90	3.10	3.20	4.20	5.70	0.90	1.20	3.20	0.00	1.80	3.00	6.30	7.00	5.60	11.70	18.00	22.00	21.00	1-1/2"		
2"	2.40	2.50	3.40	1.60	2.00	2.90	2.30	2.40	4.10	4.40	3.40	6.00	1.40	1.50	3.70	1.60	3.00	4.70	10.00	11.00	9.00	14.00	23.60	25.00	26.00	2"		
2-1/2"	2.80	3.40	6.70	2.40	3.20	5.00	3.10	5.40	5.60	7.40	10.30	11.00	2.30	3.60	3.80	2.60	4.20	8.30	19.40	20.00	10.30	48.00	43.80	48.00	35.00	2-1/2"		
3"	3.70	5.60	8.70	3.00	3.60	5.80	3.20	5.70	7.10	13.20	13.50	22.00	2.80	3.00	6.40	3.40	6.10	12.60	25.70	28.00	23.60	50.00	54.00	58.00	46.00	3"		
3-1/2"	7.70	9.60	17.50	5.50	6.30	11.50	9.00	11.50	15.40	13.40	14.00	16.00	2.90	8.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3-1/2"		
4"	7.80	8.00	16.80	4.40	6.50	18.50	5.70	12.00	13.00	15.40	16.00	29.00	3.20	4.40	6.50	6.70	7.40	13.00	46.00	49.00	30.00	72.00	68.00	78.00	63.00	4"		
5"	9.10	14.10	27.80	7.50	11.10	23.50	12.40	17.10	20.00	25.40	26.00	52.00	10.00	11.00	14.50	9.90	10.00	41.00	67.00	76.00	64.00	110.00	0.00	0.00	0.00	5"		
6"	24.70	27.70	60.00	12.40	14.20	37.30	18.00	25.50	42.00	32.20	38.00	78.00	15.00	16.00	18.00	10.00	19.40	68.00	139.00	195.00	56.00	198.00	170.00	199.00	0.00	6"		
8"	66.20	68.00	88.50	31.00	31.30	40.40	40.00	42.00	62.00	61.50	72.00	120.00	23.00	24.00	27.00	22.00	23.00	170.00	0.00	0.00	123.00	351.00	180.00	360.00	0.00	8"		
10"	82.00	99.00	105.00	67.00	68.00	179.00	53.00	86.00	230.00	111.00	122.00	240.00	54.00	55.00	58.00	41.00	70.00	180.00	0.00	0.00	246.00	0.00	0.00	0.00	0.00	10"		
12"	104.00	147.00	320.00	68.00	87.00	320.00	90.00	117.00	380.00	205.00	300.00	580.00	65.00	68.00	118.00	60.00	90.00	570.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12"		
14"	165.00	230.00	480.00	102.00	126.00	481.00	181.00	190.00	710.00	230.00	340.00	660.00	120.00	125.00	135.00	86.00	99.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14"		
16"	295.00	298.00	560.00	137.00	146.00	432.00	185.00	230.00	1250.00	27.00	420.00	1300.00	136.00	140.00	210.00	116.00	135.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16"		
18"	350.00	530.00	0.00	160.00	320.00	800.00	190.00	610.00	0.00	340.00	450.00	1600.00	95.00	146.00	380.00	0.00	396.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18"		
20"	376.00	510.00	0.00	198.00	420.00	890.00	220.00	990.00	0.00	410.00	560.00	0.00	116.00	215.00	390.00	0.00	457.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20"		
22"	0.00	0.00	0.00	0.00	0.00	0.00	580.00	0.00	0.00	0.00	0.00	0.00	156.00	310.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22"		
24"	633.00	1350.00	0.00	235.00	530.00	980.00	350.00	1000.00	0.00	865.00	0.00	0.00	121.00	340.00	586.00	0.00	1500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24"		
26"	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26"		
28"	805.00	0.00	0.00	510.00	0.00	0.00	810.00	0.00	0.00	950.00	0.00	0.00	240.00	0.00	0.00	280.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28"		
STD & XS	CS BUTT WELD FITTINGS SGP A234WPB S40 STD S80 XS S160 XXS																											GALVANISED
																												
	STD	XS	STD	XS	STD	XS	STD	XS	STD	XS	STD	XS	SGP	S40	S80	SGP	S40	SGP	S40	S80	SGP	S40	SGP	S40	SGP	S40		
8"	45.00	0.00	29.00	0.00	39.00	0.00	79.00	0.00	0.00	0.00	0.60	0.70	1.80			1.30	1.40			3.00					1/2"			
10"	93.00	142.00	52.00	83.00	78.00	136.00	142.00	190.00	0.00	65.00	1.20	1.10	2.00			1.30	1.50			3.10					3/4"			
12"	136.00	156.00	100.00	124.00	207.00	280.00	207.00	280.00	61.00	72.00	1.30	1.70	2.00			1.70	2.00			5.00	5.40				1"			
14"	185.00	290.00	108.00	130.00	234.00	282.00	234.00	282.00	63.00	94.00	1.50	2.00	2.60	1.10	1.60	2.00	3.50			6.40	8.00				1-1/4"			
16"	268.00	300.00	147.00	150.00	240.00	420.00	240.00	420.00	100.00	135.00	2.10	3.00	4.20	1.50	2.00	2.30	4.50	4.00		8.00	22.70				1-1/2"			
18"	396.00	480.00	222.00	260.00	351.00	480.00	351.00	480.00	102.00	139.00	4.70	4.20	6.30	2.50	3.20	4.60	5.00	6.10	11.40	23.00					2"			
20"	420.00	430.00	231.00	370.00	400.00	670.00	400.00	670.00	169.00	180.00	6.30	10.10	11.60	4.40	4.70	7.40	11.00	13.00	21.00	24.00					2-1/2"			
22"	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.10	13.00	16.00	6.00	5.60	10.70	14.00	19.00	23.40	36.00					3"			
24"	640.00	820.00	270.00	560.00	775.00	0.00	132.00	305.00	0.00	0.00	16.50	23.00	30.00	10.70	14.20	17.00	20.00	34.00	38.00	39.00					3-1/2"			
26"	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.00	30.00	63.00	18.00	17.20	26.00	27.00	60.00	76.00	78.00					4"			
28"	990.00	1430.00	610.00	0.00	1003.00	0.00	300.00	0.00	300.00	0.00	27.00	30.00	63.00	26.00	17.20	26.00	27.00	60.00	76.00	78.00					5"			
30"	0.00	0.00	0.00	0.00	0.00	0.00	310.00	0.00	310.00	0.00	36.00	62.00	75.00	26.00	38.20	27.00	45.00	94.00	85.00	95.00					6"			
32"	0.00	0.00	0.00	0.00	0.00	0.00	360.00	0.00	360.00	0.00	91.00	113.00		52.00	67.00	60.00	117.00		156.00	197.00					8"			
36"	0.00	0.00	0.00	0.00	0.00	0.00	450.00	0.00	450.00	0.00	92.00	212.00		71.00	127.00	185.00	230.00		280.00	320.00					10"			
														125.00	230.00					420.00						12"		

CS BUTT WELD FITTINGS SGP A234WPB S40 STD S80 XS S160 XXS

CS REDUCING SGP S40 S80	CON 			TEE 			ECC 			CS REDUCING SGP S40 S80	
	SGP	S40	S80	SGP	S40	S80	SGP	S40	S80		
3/4"	0.80	1.00	1.10	3.30	3.40	3.50	1.60	1.70	1.80	3/4"	1/2"
1"	0.90	1.00	1.20	2.50	2.80	3.00	1.20	1.30	1.40	1"	1/2"
	1.30	1.40	1.30	4.40	4.50	4.60	1.30	2.10	2.20		3/4"
1-1/4"	1.70	1.70	2.00	5.00	5.10	6.70	2.50	3.40	3.50	1-1/4"	1/2"
	1.50	1.60	2.10	5.00	7.60	7.70	2.30	2.60	2.70		3/4"
	1.50	1.60	1.70	5.00	7.60	7.70	2.10	2.30	2.40		1"
1-1/2"	2.00	2.60	2.70	3.00	11.10	12.00	2.40	2.60	4.00	1-1/2"	1/2"
	2.00	2.10	2.60	3.30	11.10	12.00	2.70	2.80	3.20		3/4"
	1.60	1.70	3.20	3.00	11.10	12.00	2.40	2.50	2.60		1"
	1.60	2.40	2.90	4.40	11.10	12.00	2.40	3.10	4.40		1-1/4"
2"	2.10	2.50	2.80	8.80	10.00	13.00	3.00	5.50	9.50	2"	1/2"
	2.10	2.30	4.20	4.10	10.00	13.00	3.00	3.10	9.00		3/4"
	2.10	3.00	3.20	3.20	10.00	12.30	3.00	3.10	7.00		1"
	2.10	2.70	3.30	6.40	10.00	11.00	2.30	4.80	6.20		1-1/4"
	1.80	1.90	2.40	6.00	6.10	8.50	1.90	4.20	5.50		1-1/2"
2-1/2"	9.80	11.80	17.40	13.30	14.00	15.00	10.50	14.90	0.00	2-1/2"	1/2"
	4.90	5.90	13.60	13.30	14.00	15.00	6.00	14.20	14.50		3/4"
	3.10	4.20	7.00	13.30	16.10	24.00	5.10	5.50	13.00		1"
	3.60	6.50	7.40	6.40	15.80	16.50	3.70	8.40	9.30		1-1/4"
	2.40	3.20	5.00	4.70	15.80	16.50	3.50	4.80	8.60		1-1/2"
	2.10	2.70	5.00	6.90	7.50	19.00	3.50	4.80	7.50		2"
3"	0.00	0.00	0.00	8.80	0.00	0.00	0.00	0.00	0.00	3"	1/2"
	0.00	0.00	0.00	7.10	9.00	0.00	0.00	0.00	0.00		3/4"
	4.40	5.40	11.80	11.20	11.60	22.00	8.00	11.70	12.00		1"
	4.40	8.20	9.90	17.40	20.70	21.00	7.80	8.00	9.40		1-1/4"
	4.00	6.40	7.00	17.40	20.70	25.00	4.80	5.00	6.20		1-1/2"
	3.40	5.80	6.00	11.20	12.00	25.00	4.40	5.20	7.30		2"
	3.70	5.40	6.60	17.40	20.70	24.00	3.70	7.60	8.00		2-1/2"
3-1/2"	0.00	0.00	23.00	0.00	0.00	47.40	21.00	0.00	0.00	3-1/2"	1"
	0.00	13.50	21.00	0.00	0.00	0.00	16.80	0.00	0.00		1-1/4"
	5.50	11.60	16.80	0.00	0.00	0.00	13.20	0.00	0.00		1-1/2"
	5.10	9.70	12.00	18.00	0.00	32.00	10.40	0.00	0.00		2"
	4.40	8.80	9.40	18.00	0.00	32.00	8.60	0.00	0.00		2-1/2"
	4.40	7.40	8.60	18.00	0.00	32.00	9.70	0.00	0.00		3"
4"	0.00	0.00	0.00	26.00	27.00	0.00	0.00	0.00	0.00	4"	1/2"
	0.00	0.00	0.00	0.00	13.00	0.00	0.00	0.00	0.00		3/4"
	8.00	9.00	16.20	23.00	24.00	34.00	12.00	17.00	29.00		1"
	8.00	8.70	10.80	22.00	24.00	33.00	9.00	13.70	20.00		1-1/4"
	7.50	8.30	14.00	19.00	31.00	32.00	8.20	11.00	16.00		1-1/2"
	6.80	7.00	7.40	18.10	18.50	24.00	10.00	11.00	18.00		2"
	6.20	8.60	8.70	17.30	24.60	39.00	5.40	6.30	14.00		2-1/2"
	6.50	6.80	8.70	16.50	17.00	35.00	4.80	6.30	13.00		3"
	6.50	6.80	9.30	20.00	30.00	0.00	13.20	0.00	0.00		3-1/2"
5"	25.50	29.00	45.70	38.80	42.00	0.00	28.00	52.10	0.00	5"	1-1/4"
	20.50	24.00	36.40	36.90	39.00	0.00	23.00	24.00	0.00		1-1/2"
	10.20	12.80	23.00	35.20	36.00	56.00	19.00	24.80	29.00		2"
	9.10	12.60	18.00	30.00	31.00	45.00	14.00	21.00	28.00		2-1/2"
	11.00	12.00	14.00	28.00	29.00	52.00	12.00	12.10	25.00		3"
	11.00	12.70	24.00	26.00	0.00	0.00	16.80	25.00	0.00		3-1/2"
	8.00	8.40	15.00	24.00	32.00	38.00	9.00	14.00	23.00		4"
6"	0.00	0.00	0.00	51.00	0.00	0.00	0.00	0.00	0.00	6"	1-1/2"
	15.80	19.00	32.00	48.50	49.00	65.00	22.00	24.00	52.00		2"
	14.20	19.30	31.00	46.20	48.00	65.00	17.00	22.20	52.00		2-1/2"
	13.00	14.10	16.00	38.00	39.00	64.00	16.20	20.00	37.00		3"

S160 & XXS	9LR 		4LR 		9SR 		TEE 		CAP 		S160 & XXS
	S160	XXS	S160	XXS	S160	XXS	S160	XXS	S160	XXS	
1/2"	2.10	0.00	0.00	0.00	0.00	0.00	4.30	0.00	0.00	0.00	1/2"
3/4"	2.50	0.00	0.00	0.00	0.00	0.00	4.30	0.00	0.00	0.00	3/4"
1"	3.10	3.50	0.00	0.00	0.00	0.00	12.00	0.00	0.00	0.00	1"
1-1/4"	4.30	6.30	0.00	0.00	3.70	5.30	15.50	16.00	0.00	0.00	1-1/4"
1-1/2"	4.50	6.70	2.70	0.00	2.80	7.70	15.50	16.00	2.00	2.90	1-1/2"
2"	8.10	12.10	4.90	0.00	6.00	10.00	24.50	28.00	3.10	4.00	2"
2-1/2"	11.20	12.50	7.50	0.00	9.80	19.00	35.60	38.00	4.40	8.00	2-1/2"
3"	21.00	28.00	11.00	0.00	11.00	27.00	45.10	53.00	7.20	13.00	3"
3-1/2"	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3-1/2"
4"	36.00	49.00	23.00	0.00	35.00	70.00	71.00	75.00	16.00	22.00	4"
5"	78.00	92.00	45.00	0.00	57.00	81.00	199.00	210.00	28.00	36.00	5"
6"	147.00	167.00	64.00	0.00	93.00	135.00	134.00	230.00	45.00	57.00	6"
8"	305.00	0.00	88.00	0.00	260.00	268.00	490.00	0.00	79.00	0.00	8"

S160 & XXS	CRE 		TRE 	
	S160	XXS	S160	XXS
1"	1.50	0.00	0.00	0.00
	1.80	0.00	0.00	0.00
1-1/4"	2.90	0.00	0.00	0.00
1-1/2"	2.90	4.70	19.00	37.00
	2.90	4.30	19.00	40.00
2"	6.10	8.50	16.00	40.00
	7.00	7.20	24.00	37.00
	4.00	24.70	34.00	37.00
2-1/2"	6.10	0.00	0.00	0.00
	7.00	0.00	0.00	0.00
	4.00	11.10	0.00	20.00
	0.00	9.70	0.00	21.00
3"	18.10	0.00	0.00	0.00
	15.30	0.00	0.00	0.00
	12.10	13.00	31.00	50.00
	9.60	16.00	33.00	50.00
	11.10	13.00	45.00	50.00
4"	23.00	24.00	66.00	72.00
	22.00	24.00	71.00	75.00
	22.00	24.00	71.00	75.00
5"	36.00	45.00	79.00	196.00
	36.00	41.00	79.00	196.00
6"	56.00	57.00	126.00	136.00
	54.00	57.00	180.00	207.00
	50.00	57.00	130.00	147.00
8"	107.00	0.00	360.00	0.00
	92.00	0.00	390.00	0.00
	80.00	0.00	420.00	0.00

