



WFF Fittings & Flanges (Canada) Ltd.

2000 lb. Threaded

Size in.	90° Elbow lb.	45° Elbow lb.	Tee lb.	Cross lb.	Size in.
1/4"	0.19	0.34	0.31	0.50	1/4"
3/8"	0.31	0.44	0.44	0.50	3/8"
1/2"	0.56	0.50	0.75	0.81	1/2"
3/4"	0.75	0.53	1.06	1.25	3/4"
1"	1.19	1.09	1.56	1.88	1"
	1.63	1.53	2.22	2.31	1 1/4"
	2.38	1.66	2.94	3.50	1 1/2"
2"	3.47	2.88	4.81	5.00	2"
	6.16	7.50	8.75	16.88	2 1/2"
3"	10.50	12.00	11.63	18.56	3"
4"	22.00	19.75	30.00	32.69	4"

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3000 lb. Threaded

Size in.	Union lb.	90° Elbow lb.	45° Elbow lb.	Tee lb.	Street Elbow lb.	Cross lb.	Coupling lb.	Red. Coupling lb.	Half Coupling lb.	Cap lb.	Size in.
1/8"	0.41	0.22	0.19	0.50	0.25	0.69	0.13	0.13	0.06	0.06	1/8"
1/4"	0.38	0.38	0.34	0.50	0.31	0.56	0.16	0.16	0.06	0.06	1/4"
3/8"	0.50	0.63	0.59	0.91	0.38	1.00	0.16	0.19	0.06	0.09	3/8"
1/2"	0.63	1.00	0.84	1.31	0.50	1.50	0.34	0.41	0.16	0.25	1/2"
3/4"	1.09	1.53	1.31	2.06	1.00	2.22	0.47	0.56	0.22	0.41	3/4"
1"	1.56	2.38	2.16	3.06	1.59	3.56	0.75	1.38	0.41	0.75	1"
1 1/4"	2.53	3.06	2.22	3.69	2.59	4.50	1.69	2.25	0.81	1.38	1 1/4"
1 1/2"	3.13	5.19	4.06	6.81	3.00	8.13	2.25	3.06	1.13	1.69	1 1/2"
2"	4.88	5.94	4.28	7.44	6.81	8.03	3.06	4.47	1.56	2.22	2"
2 1/2"	8.38	10.00	7.50	13.75		16.88	4.63	7.00	2.38	4.25	2 1/2"
3"	11.44	18.00	12.00	21.00		18.56	4.56	9.94	3.25	6.56	3"
4"		22.81	20.00	38.00		34.13	6.81	22.00	6.44	10.00	4"

FS Fittings



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3000lb. Socket Weld

Size in.	Union lb.	90° Elbow lb.	45° Elbow lb.	Tee lb.	Cross lb.	Coupling lb.	Red. Coupling lb.	Half Coupling lb.	Cap lb.	Insert lb.	Size in.
1/8"	0.34	0.22	0.19	0.31	0.63	0.06		0.06	0.06		1/8"
1/4"	0.38	0.16	0.31	0.31	0.56	0.06	0.16	0.09	0.09	0.06	1/4"
3/8"	0.44	0.28	0.28	0.44	0.41	0.13	0.22	0.16	0.13	0.09	3/8"
1/2"	0.56	0.47	0.47	0.72	0.75	0.28	0.41	0.31	0.22	0.13	1/2"
3/4"	1.09	0.69	0.59	1.00	1.09	0.41	0.63	0.53	0.34	0.25	3/4"
1"	1.47	1.13	1.00	1.50	1.53	0.56	0.91	0.72	0.50	0.44	1"
1 1/4"	2.50	1.09	1.38	2.00	2.03	1.09	1.69	1.25	0.91	0.69	1 1/4"
1 1/2"	3.00	2.16	1.69	2.69	5.38	1.34	2.19	1.53	1.22	1.09	1 1/2"
2"	4.63	3.31	2.56	4.50	5.25	2.13	3.25	3.53	2.00	1.81	2"
2 1/2"	8.25	6.00	7.31	8.50	15.94	3.19	6.00	3.53	2.72	3.75	2 1/2"
3"	11.25	10.13	11.34	12.00	18.44	4.19	8.19	4.94	4.16	4.44	3"
4"		23.00	20.75	29.00	35.00	7.30	14.00	8.00	7.69		4"

FS Fittings



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6000lb. Threaded

Size in.	Union lb.	90° Elbow lb.	45° Elbow lb.	Tee lb.	Street Elbow lb.	Cross lb.	Coupling lb.	Red. Coupling lb.	Half Coupling lb.	Cap lb.	Hex Plug lb.	Hex Bushing lb.	Size in.
1/8"	0.63	0.63	0.50	0.50	0.20	0.50	0.18	0.19	0.09	0.13	0.03		1/8"
1/4"	0.56	0.72	0.66	1.00	0.40	1.12	0.14	0.25	0.07	0.21	0.06	0.03	1/4"
3/8"	0.81	1.09	1.00	1.50	0.99	1.55	0.40	0.47	0.20	0.31	0.09	0.06	3/8"
1/2"	1.31	1.81	1.53	2.50	1.00	2.59	0.69	0.78	0.35	0.52	0.16	0.09	1/2"
3/4"	2.00	2.75	2.34	3.69	1.63	4.21	0.90	1.12	0.45	0.80	0.28	0.19	3/4"
1"	3.19	3.50	2.63	4.75	2.75	5.64	1.88	2.17	0.94	1.53	0.47	0.34	1"
1 1/4"	3.44	6.06	4.78	8.34	3.86	9.58	2.31	4.13	1.15	1.82	0.94	0.69	1 1/4"
1 1/2"	6.55	7.19	5.94	10.00	7.23	11.39	4.00	5.98	2.00	2.82	1.34	1.09	1 1/2"
2"	10.63	13.00	9.69	18.34		21.37	7.50	7.90	3.75	4.36	2.25	1.94	2"
2 1/2"		22.00	15.50	30.13		28.32	9.25	13.00	4.62	8.10	3.47	3.75	2 1/2"
3"		36.69	31.25	49.69		55.88	13.44	17.30	6.72	11.70	4.41	4.19	3"
4"							22.13	20.00	11.06	20.00	13.00	7.81	4"

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6000lb. Socket Weld

Size in.	Union lb.	90° Elbow lb.	45° Elbow lb.	Tee lb.	Cross lb.	Coupling lb.	Red. Coupling lb.	Half Coupling lb.	Cap lb.	Insert lb.	Size in.
1/8"	0.44	0.19	0.31	0.31	0.75	0.13		0.13	0.06		1/8"
1/4"	0.55	0.34	0.31	0.44	0.56	0.19		0.25	0.19		1/4"
3/8"	0.88	0.59	0.59	0.88	1.06	0.34	0.44	0.38	0.31		3/8"
1/2"	1.31	1.00	0.84	1.28	1.44	0.53	0.56	0.51	0.53	0.18	1/2"
3/4"	1.88	1.69	2.00	2.13	2.31	0.69	0.56	0.70	0.69	0.25	3/4"
1"	3.25	2.56	2.19	3.00	3.75	1.44	1.09	1.40	1.44	0.50	1"
1 1/4"	3.50	3.13	2.44	3.94	4.19	1.66	2.07	1.59	1.66	0.96	1 1/4"
1 1/2"	6.55	5.81	4.41	7.44	8.75	2.56	2.99	2.58	2.56	1.10	1 1/2"
2"	10.63	6.19	5.00	8.63	9.31	4.66	4.70	4.58	4.66	2.10	2"
2 1/2"		11.81	9.00	15.00	20.25	5.97	7.50	6.14	5.97	2.60	2 1/2"
3"		19.22	12.28	24.81	27.00	8.91	12.00	7.10	8.91	3.46	3"
4"		38.47	26.63	35.00	39.00	14.00	14.50	13.70	14.00		4"

FS Fittings



WFF Fittings & Flanges (Canada) Ltd.

Elbow and Lateral Outlets

Size In.	THRD EOL 3000 lb. lb.	THRD EOL 6000 lb. lb.	SW EOL 3000 lb. lb.	SW EOL 6000 lb. lb.	BW EOL STD & XS lb.	BW EOL S160/XXS lb.	THRD LOL 3000 lb. lb.	THRD LOL 6000 lb. lb.	SW LOL 3000 lb. lb.	SW LOL 6000 lb. lb.	BW LOL STD/XS lb.	BW LOL S160/XXS lb.	Size In.
1/8"													1/8"
1/4"	0.50	0.75	0.50	0.75	0.50	0.75	0.50	0.75	0.50	0.75	0.50	0.75	1/4"
3/8"	0.50	0.75	0.50	0.75	0.50	0.75	0.50	0.75	0.50	0.75	0.50	0.75	3/8"
1/2"	0.65	0.85	0.65	0.85	0.65	0.85	0.65	0.85	0.65	0.85	0.65	0.85	1/2"
3/4"	0.75	1.25	0.75	1.25	0.75	1.25	0.75	1.25	0.75	1.25	0.75	1.25	3/4"
1"	1.15	2.20	1.15	2.20	1.15	2.20	1.15	2.20	1.15	2.20	1.15	2.20	1"
1 1/4"	1.90	2.90	1.90	2.90	1.90	2.90	1.90	2.90	1.90	2.90	1.90	2.90	1 1/4"
1 1/2"	2.65	6.15	2.65	6.15	2.65	6.15	2.65	6.15	2.65	6.15	2.65	6.15	1 1/2"
2"	5.25		5.25		5.25		5.25		5.25		5.25		2"
2 1/2"	5.50		5.50		5.50								2 1/2"
3"	6.25		6.25		6.25								3"
4"	11.75		11.75		11.75								4"

FS Fittings



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Forged Outlets

Size In.	TOL 3000 lb. lb.	TOL 6000 lb. lb.	SOL 3000 lb. lb.	SOL 6000 lb. lb.	WOL STD lb.	WOL XS lb.	WOL S160/XXS lb.	Size In.
1/8"	0.15	0.19	0.19	0.22	0.15	0.15	0.25	1/8"
1/4"	0.15	0.19	0.19	0.22	0.15	0.15	0.25	1/4"
3/8"	0.15	0.25	0.25	0.38	0.15	0.15	0.25	3/8"
1/2"	0.15	0.31	0.31	0.50	0.15	0.15	0.25	1/2"
3/4"	0.25	0.38	0.38	0.80	0.25	0.25	0.71	3/4"
1"	0.45	0.88	0.88	1.30	0.40	0.40	0.83	1"
1 1/4"	0.70	1.19	1.19	1.60	0.70	0.70	1.25	1 1/4"
1 1/2"	0.90	1.25	1.25	2.00	0.80	0.90	1.75	1 1/2"
2"	1.40	2.13	2.13	5.13	1.50	1.60	2.13	2"
2 1/2"	2.50	2.69	2.69		2.25	2.50	3.38	2 1/2"
3"	4.30	4.56	4.56		3.75	4.10	6.32	3"
3 1/2"	4.50		5.00		5.00	5.07		3 1/2"
4"	6.80	7.38	7.38		6.70	7.50	10.50	4"
5"	12.00		12.00		8.50	9.50	14.25	5"
6"	15.30		14.50		14.00	15.00	30.25	6"
8"					28.00	32.00		8"
10"					39.00	46.00		10"
12"					65.00	61.00		12"
14"					70.00	75.00		14"
16"					92.00	115.00		16"
18"					125.00	130.00		18"
20"					175.00	187.00		20"
24"					280.00	316.00		24"

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