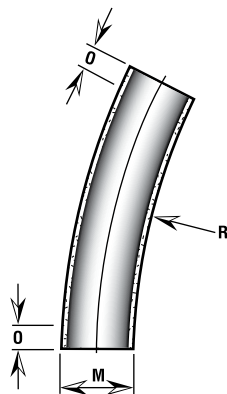


22 1/2° X 48"

Nominal Size	Type	IPS Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs	kg
3/4	SW	07E-SW-63-P	1.05 (27)	6 (152)	48 (1,219)	0.43	(0.20)
1	SW	10E-SW-63-P	1.32 (33)	6 (152)	48 (1,219)	0.48	(0.22)
1 1/4	SW	12E-SW-63-P	1.66 (42)	6 (152)	48 (1,219)	0.58	(0.26)
1 1/2	SW	15E-SW-63-P	1.90 (48)	6 (152)	48 (1,219)	0.83	(0.38)
2	SW	20E-SW-63-P	2.37 (60)	6 (152)	48 (1,219)	0.95	(0.43)
2 1/2	SW	25E-SW-63-P	2.88 (73)	6 (152)	48 (1,219)	1.15	(0.52)
3	SW	30E-SW-63-P	3.50 (89)	6 (152)	48 (1,219)	1.50	(0.68)
4	SW	40E-SW-63-P	4.46 (113)	6 (152)	48 (1,219)	1.80	(0.82)
4	HW	40E-HW-63-P	4.51 (114)	6 (152)	48 (1,219)	2.43	(1.10)
5	MW	50E-MW-63-P	5.57 (141)	6 (152)	48 (1,219)	3.00	(1.36)
5	HW	50E-HW-63-P	5.60 (142)	6 (152)	48 (1,219)	3.25	(1.48)
6	MW	60E-MW-63-P	6.63 (168)	6 (152)	48 (1,219)	2.84	(1.29)
6	HW	60E-HW-63-P	6.66 (170)	6 (152)	48 (1,219)	3.26	(1.48)

Nominal Size	Type	ID Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs	kg
2	SW	20F-SW-63-P	2.14 (54)	6 (152)	48 (1,219)	0.85	(0.50)
2 1/2	SW	25F-SW-63-P	2.64 (67)	6 (152)	48 (1,219)	1.05	(0.64)
3	SW	30F-SW-63-P	3.14 (80)	6 (152)	48 (1,219)	1.20	(0.77)
3 1/2	SW	35F-SW-63-P	3.64 (92)	6 (152)	48 (1,219)	1.50	(0.77)
4	SW	40F-SW-63-P	4.14 (105)	6 (152)	48 (1,219)	1.73	(0.95)
4	HW	40F-HW-63-P	4.19 (106)	6 (152)	48 (1,219)	2.30	(1.23)
4 1/2	SW	45F-SW-63-P	4.64 (117)	6 (152)	48 (1,219)	1.88	(1.73)
4 1/2	HW	45F-HW-63-P	4.69 (118)	6 (152)	48 (1,219)	2.60	(2.00)
5	MW	50F-MW-63-P	5.19 (132)	6 (152)	48 (1,219)	2.83	(1.59)
5	HW	50F-HW-63-P	5.22 (133)	6 (152)	48 (1,219)	3.30	(1.86)
6	MW	60F-MW-63-P	6.19 (157)	6 (152)	48 (1,219)	2.84	(1.29)
6	HW	60F-HW-63-P	6.22 (158)	6 (152)	48 (1,219)	3.26	(1.48)

Nominal Size	Type	Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs	kg
3/4	XW	07E-XW-63-P	1.41 (36)	6 (152)	48 (1,219)	1.57	(0.72)
1	XW	10E-XW-63-P	1.68 (43)	6 (152)	48 (1,219)	1.75	(0.80)
1 1/4	XW	12E-XW-63-P	2.02 (51)	6 (152)	48 (1,219)	2.11	(0.95)
1 1/2	XW	15E-XW-63-P	2.26 (57)	6 (152)	48 (1,219)	3.03	(1.36)
2	XW	20F-XW-63-P	2.50 (65)	6 (152)	48 (1,219)	3.15	(1.43)
2 1/2	XW	25F-XW-63-P	3.00 (76)	6 (152)	48 (1,219)	3.85	(1.75)
3	XW	30F-XW-63-P	3.50 (89)	6 (152)	48 (1,219)	4.55	(2.07)
3 1/2	XW	35F-XW-63-P	4.00 (102)	6 (152)	48 (1,219)	5.25	(2.38)
4	XW	40F-XW-63-P	4.50 (114)	6 (152)	48 (1,219)	5.95	(2.70)
5	XW	50F-XW-63-P	5.50 (140)	6 (152)	48 (1,219)	7.35	(3.34)
6	XW	60F-XW-63-P	6.50 (165)	6 (152)	48 (1,219)	8.75	(3.97)



22 1/2° X 60"

Nominal Size	Type	IPS Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs	kg
3/4	SW	07E-SW-64-P	1.05 (27)	6 (152)	60 (1,524)	0.50	(0.23)
1	SW	10E-SW-64-P	1.32 (33)	6 (152)	60 (1,524)	0.55	(0.25)
1 1/4	SW	12E-SW-64-P	1.66 (42)	6 (152)	60 (1,524)	0.67	(0.30)
1 1/2	SW	15E-SW-64-P	1.90 (48)	6 (152)	60 (1,524)	0.96	(0.44)
2	SW	20E-SW-64-P	2.37 (60)	6 (152)	60 (1,524)	1.11	(0.50)
2 1/2	SW	25E-SW-64-P	2.88 (73)	6 (152)	60 (1,524)	1.34	(0.61)
3	SW	30E-SW-64-P	3.50 (89)	6 (152)	60 (1,524)	1.75	(0.80)
4	SW	40E-SW-64-P	4.46 (113)	6 (152)	60 (1,524)	2.10	(0.95)
4	HW	40E-HW-64-P	4.51 (115)	6 (152)	60 (1,524)	2.83	(1.29)
5	MW	50E-MW-64-P	5.57 (141)	6 (152)	60 (1,524)	3.50	(1.59)
5	HW	50E-HW-64-P	5.60 (142)	6 (152)	60 (1,524)	3.79	(1.72)
6	MW	60E-MW-64-P	6.63 (168)	6 (152)	60 (1,524)	4.14	(1.88)
6	HW	60E-HW-64-P	6.66 (170)	6 (152)	60 (1,524)	4.75	(2.16)

Nominal Size	Type	ID Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs	kg
2	SW	20F-SW-64-P	2.14 (54)	6 (152)	60 (1,524)	0.99	(0.45)
2 1/2	SW	25F-SW-64-P	2.64 (67)	6 (152)	60 (1,524)	1.23	(0.56)
3	SW	30F-SW-64-P	3.14 (80)	6 (152)	60 (1,524)	1.40	(0.64)
3 1/2	SW	35F-SW-64-P	3.64 (92)	6 (152)	60 (1,524)	1.75	(0.80)
4	SW	40F-SW-64-P	4.14 (105)	6 (152)	60 (1,524)	2.01	(0.91)
4	HW	40F-HW-64-P	4.19 (106)	6 (152)	60 (1,524)	2.68	(1.22)
4 1/2	SW	45F-SW-64-P	4.64 (117)	6 (152)	60 (1,524)	2.19	(0.99)
4 1/2	HW	45F-HW-64-P	4.69 (118)	6 (152)	60 (1,524)	3.03	(1.38)
5	MW	50F-MW-64-P	5.19 (132)	6 (152)	60 (1,524)	3.30	(1.50)
5	HW	50F-HW-64-P	5.22 (132)	6 (152)	60 (1,524)	3.85	(1.75)
6	MW	60F-MW-64-P	6.19 (157)	6 (152)	60 (1,524)	3.94	(1.79)
6	HW	60F-HW-64-P	6.22 (158)	6 (152)	60 (1,524)	4.61	(2.09)

Nominal Size	Type	Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs	kg
3/4	XW	07E-XW-64-P	1.41 (36)	6 (152)	60 (1,524)	1.81	(0.83)
1	XW	10E-XW-64-P	1.68 (43)	6 (152)	60 (1,524)	2.01	(0.92)
1 1/4	XW	12E-XW-64-P	2.02 (51)	6 (152)	60 (1,524)	2.43	(1.10)
1 1/2	XW	15E-XW-64-P	2.26 (57)	6 (152)	60 (1,524)	3.50	(1.57)
2	XW	20F-XW-64-P	2.50 (65)	6 (152)	60 (1,524)	3.68	(1.67)
3	XW	30F-XW-64-P	3.50 (89)	6 (152)	60 (1,524)	5.31	(2.41)
4	XW	40F-XW-64-P	4.50 (114)	6 (152)	60 (1,524)	6.94	(3.15)
5	XW	50F-XW-64-P	5.50 (140)	6 (152)	60 (1,524)	8.58	(3.90)
6	XW	60F-XW-64-P	6.50 (165)	6 (152)	60 (1,524)	10.21	(4.64)