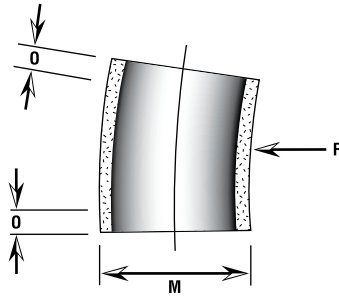


# ELBOWS

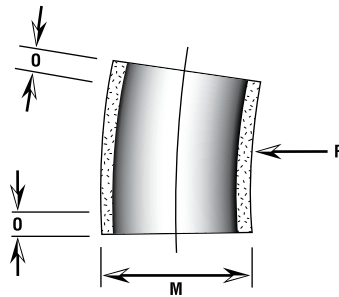


11 1/4° X 36°

Nominal Size	Type	IPS Item No.		M	O-Tangent (min)	R - Radius (min)	Weight	
		Belowground	Aboveground				lbs	kg
3/4	SW	07A-SW-52-P	07C-SW-52-P	1.05 (27)	6 (152)	36 (914)	0.27	(0.12)
1	SW	10A-SW-52-P	10C-SW-52-P	1.32 (33)	6 (152)	36 (914)	0.30	(0.14)
1 1/4	SW	12A-SW-52-P	12C-SW-52-P	1.66 (42)	6 (152)	36 (914)	0.36	(0.16)
1 1/2	SW	15A-SW-52-P	15C-SW-52-P	1.90 (48)	6 (152)	36 (914)	0.52	(0.24)
2	SW	20A-SW-52-P	20C-SW-52-P	2.37 (60)	6 (152)	36 (914)	0.60	(0.27)
2 1/2	SW	25A-SW-52-P	25C-SW-52-P	2.88 (73)	6 (152)	36 (914)	0.73	(0.33)
3	SW	30A-SW-52-P	30C-SW-52-P	3.50 (89)	6 (152)	36 (914)	0.95	(0.43)
4	SW	40A-SW-52-P	40C-SW-52-P	4.46 (113)	6 (152)	36 (914)	1.14	(0.52)
4	HW	40A-HW-52-P	40C-HW-52-P	4.51 (114)	6 (152)	36 (914)	1.54	(0.70)
5	SW	50A-SW-52-P	50C-SW-52-P	5.52 (140)	6 (152)	36 (914)	1.43	(0.65)
5	MW	50A-MW-52-P	50C-MW-52-P	5.57 (141)	6 (152)	36 (914)	1.90	(0.86)
5	HW	50A-HW-52-P	50C-HW-52-P	5.60 (152)	6 (152)	36 (914)	2.10	(0.95)
6	SW	60A-SW-52-P	60C-SW-52-P	6.58 (167)	6 (152)	36 (914)	1.59	(0.72)
6	MW	60A-MW-52-P	60C-MW-52-P	6.63 (168)	6 (152)	36 (914)	2.25	(1.02)
6	HW	60A-HW-52-P	60C-HW-52-P	6.66 (169)	6 (152)	36 (914)	2.59	(1.17)

Nominal Size	Type	ID Item No.		M	O-Tangent (min)	R - Radius (min)	Weight	
		Belowground	Aboveground				lbs	kg
2	SW	20B-SW-52-P	20D-SW-52-P	2.14 (54)	6 (152)	36 (914)	0.54	(0.25)
2 1/2	SW	25B-SW-52-P	25D-SW-52-P	2.64 (67)	6 (152)	36 (914)	0.67	(0.30)
3	SW	30B-SW-52-P	30D-SW-52-P	3.14 (80)	6 (152)	36 (914)	0.76	(0.35)
3 1/2	SW	35B-SW-52-P	35D-SW-52-P	3.64 (92)	6 (152)	36 (914)	0.95	(0.43)
4	SW	40B-SW-52-P	40D-SW-52-P	4.14 (105)	6 (152)	36 (914)	1.09	(0.50)
4	HW	40B-HW-52-P	40D-HW-52-P	4.19 (106)	6 (152)	36 (914)	1.46	(0.66)
4 1/2	SW	45B-SW-52-P	45D-SW-52-P	4.64 (117)	6 (152)	36 (914)	1.19	(0.54)
4 1/2	HW	45B-HW-52-P	45D-HW-52-P	4.69 (118)	6 (152)	36 (914)	1.65	(0.75)
5	SW	50B-SW-52-P	50D-SW-52-P	5.14 (131)	6 (152)	36 (914)	1.34	(0.61)
5	MW	50B-MW-52-P	50D-MW-52-P	5.19 (132)	6 (152)	36 (914)	1.78	(0.81)
5	HW	50B-HW-52-P	50D-HW-52-P	5.22 (132)	6 (152)	36 (914)	2.05	(0.93)
6	SW	60B-SW-52-P	60D-SW-52-P	6.14 (156)	6 (152)	36 (914)	1.61	(0.73)
6	MW	60B-MW-52-P	60D-MW-52-P	6.19 (157)	6 (152)	36 (914)	2.13	(0.97)
6	HW	60B-HW-52-P	60D-HW-52-P	6.22 (158)	6 (152)	36 (914)	2.50	(1.00)

Nominal Size	Type	IPS Item No.		M	O-Tangent (min)	R - Radius (min)	Weight	
		Belowground	Aboveground				lbs	kg
2	XW	20B-XW-52-P	20D-XW-52-P	2.50 (64)	6 (152)	36 (914)	2.00	(0.91)
2 1/2	XW	25B-XW-52-P	25D-XW-52-P	3.00 (76)	6 (152)	36 (914)	2.44	(1.11)
3	XW	30B-XW-52-P	30D-XW-52-P	3.50 (89)	6 (152)	36 (914)	2.88	(1.31)
3 1/2	XW	35B-XW-52-P	35D-XW-52-P	4.00 (102)	6 (152)	36 (914)	3.33	(1.51)
4	XW	40B-XW-52-P	40D-XW-52-P	4.50 (114)	6 (152)	36 (914)	3.77	(3.77)
5	XW	50B-XW-52-P	50D-XW-52-P	5.50 (140)	6 (152)	36 (914)	4.64	(2.11)
6	XW	60B-XW-52-P	60D-XW-52-P	6.50 (165)	6 (152)	36 (914)	5.53	(2.51)



11 1/4° X 48°

Nominal Size	Type	IPS Item No.		M	O-Tangent (min)	R - Radius (min)	Weight	
		Belowground	Aboveground				lbs	kg
3/4	SW	07A-SW-53-P	07C-SW-53-P	1.05 (27)	6 (152)	48 (1,219)	0.31	(0.14)
1	SW	10A-SW-53-P	10C-SW-53-P	1.32 (33)	6 (152)	48 (1,219)	0.35	(0.16)
1 1/4	SW	12A-SW-53-P	12C-SW-53-P	1.66 (42)	6 (152)	48 (1,219)	0.42	(0.19)
1 1/2	SW	15A-SW-53-P	15C-SW-53-P	1.90 (48)	6 (152)	48 (1,219)	0.61	(0.28)
2	SW	20A-SW-53-P	20C-SW-53-P	2.37 (60)	6 (152)	48 (1,219)	0.70	(0.32)
2 1/2	SW	25A-SW-53-P	25C-SW-53-P	2.88 (73)	6 (152)	48 (1,219)	0.84	(0.38)
3	SW	30A-SW-53-P	30C-SW-53-P	3.50 (89)	6 (152)	48 (1,219)	1.10	(0.50)
4	SW	40A-SW-53-P	40C-SW-53-P	4.46 (113)	6 (152)	48 (1,219)	1.32	(0.60)
4	HW	40A-HW-53-P	40C-HW-53-P	4.51 (114)	6 (152)	48 (1,219)	1.78	(0.81)
5	SW	50A-SW-53-P	50C-SW-53-P	5.52 (140)	6 (152)	48 (1,219)	1.65	(0.75)
5	MW	50A-MW-53-P	50C-MW-53-P	5.57 (141)	6 (152)	48 (1,219)	2.20	(1.00)
5	HW	50A-HW-53-P	50C-HW-53-P	5.60 (142)	6 (152)	48 (1,219)	2.38	(1.08)
6	SW	60A-SW-53-P	60C-SW-53-P	6.58 (167)	6 (152)	60 (1,524)	1.83	(0.83)
6	MW	60A-MW-53-P	60C-MW-53-P	6.63 (168)	6 (152)	60 (1,524)	2.60	(1.18)
6	HW	60A-HW-53-P	60C-HW-53-P	6.66 (169)	6 (152)	60 (1,524)	2.98	(1.35)

Nominal Size	Type	ID Item No.		M	O-Tangent (min)	R - Radius (min)	Weight	
		Belowground	Aboveground				lbs	kg
2	SW	20B-SW-53-P	20D-SW-53-P	2.14 (54)	6 (152)	48 (1,219)	0.62	(0.36)
2 1/2	SW	25B-SW-53-P	25D-SW-53-P	2.64 (67)	6 (152)	48 (1,219)	0.77	(0.45)
3	SW	30B-SW-53-P	30D-SW-53-P	3.14 (80)	6 (152)	48 (1,219)	0.88	(0.55)
3 1/2	SW	35B-SW-53-P	35D-SW-53-P	3.64 (92)	6 (152)	48 (1,219)	1.10	(0.55)
4	SW	40B-SW-53-P	40D-SW-53-P	4.14 (105)	6 (152)	48 (1,219)	1.27	(0.64)
4	HW	40B-HW-53-P	40D-HW-53-P	4.19 (106)	6 (152)	48 (1,219)	1.69	(0.86)
4 1/2	SW	45B-SW-53-P	45D-SW-53-P	4.64 (117)	6 (152)	48 (1,219)	1.38	(0.73)
4 1/2	HW	45B-HW-53-P	45D-HW-53-P	4.69 (118)	6 (152)	48 (1,219)	1.91	(0.95)
5	SW	50B-SW-53-P	50D-SW-53-P	5.14 (131)	6 (152)	48 (1,219)	1.56	(0.86)
5	MW	50B-MW-53-P	50D-MW-53-P	5.19 (132)	6 (152)	48 (1,219)	2.07	(1.14)
5	HW	50B-HW-53-P	50D-HW-53-P	5.22 (133)	6 (152)	48 (1,219)	2.42	(1.27)
6	SW	60B-SW-53-P	60D-SW-53-P	6.14 (156)	6 (152)	48 (1,219)	2.31	(1.05)
6	MW	60B-MW-53-P	60D-MW-53-P	6.19 (157)	6 (152)	48 (1,219)	3.34	(1.52)
6	HW	60B-HW-53-P	60D-HW-53-P	6.22 (158)	6 (152)	48 (1,219)	4.36	(1.98)