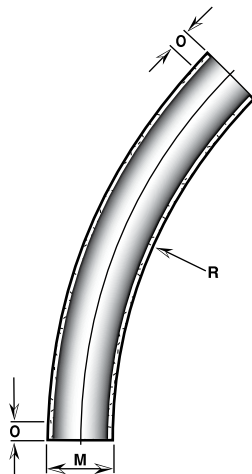


45° X 24"

Nominal Size	Type	IPS Item No.	M	O-Tangent (min.)	R-Radius (min.)	Weight lbs kg
¾	SW	07E-SW-81-P	1.05 (27)	6 (152)	24 (610)	0.43 (0.20)
1	SW	10E-SW-81-P	1.32 (33)	6 (152)	24 (610)	0.48 (0.22)
1¼	SW	12E-SW-81-P	1.66 (42)	6 (152)	24 (610)	0.58 (0.26)
1½	SW	15E-SW-81-P	1.90 (48)	6 (152)	24 (610)	0.83 (0.38)
2	SW	20E-SW-81-P	2.37 (60)	6 (152)	24 (610)	0.95 (0.43)
2½	SW	25E-SW-81-P	2.88 (73)	6 (152)	24 (610)	1.15 (0.52)
3	SW	30E-SW-81-P	3.50 (89)	6 (152)	24 (610)	1.96 (0.89)
4	SW	40E-SW-81-P	4.46 (113)	6 (152)	24 (610)	2.35 (1.07)
4	HW	40E-HW-81-P	4.51 (114)	6 (152)	24 (610)	3.17 (1.44)

Nominal Size	Type	ID Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
2	SW	20F-SW-81-P	2.14 (54)	6 (152)	24 (610)	0.85 (0.39)
2½	SW	25F-SW-81-P	2.64 (67)	6 (152)	24 (610)	1.05 (0.48)
3	SW	30F-SW-81-P	3.14 (80)	6 (152)	24 (610)	1.57 (0.71)
3½	SW	35F-SW-81-P	3.64 (92)	6 (152)	24 (610)	1.96 (0.89)
4	SW	40F-SW-81-P	4.14 (105)	6 (152)	24 (610)	2.25 (1.02)
4	HW	40F-HW-81-P	4.19 (106)	6 (152)	24 (610)	3.00 (1.36)

Nominal Size	Type	Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
¾	XW	07E-XW-81-P	1.41 (36)	6 (152)	24 (610)	1.52 (0.69)
1	XW	10E-XW-81-P	1.68 (43)	6 (152)	24 (610)	1.70 (0.77)
1¼	XW	12E-XW-81-P	2.02 (51)	6 (152)	24 (610)	2.05 (0.93)
1½	XW	15E-XW-81-P	2.26 (57)	6 (152)	24 (610)	2.95 (1.34)
2	XW	20E-XW-81-P	2.50 (65)	6 (152)	24 (610)	3.15 (1.43)
2½	XW	25E-XW-81-P	3.00 (76)	6 (152)	24 (610)	3.85 (1.75)
3	XW	30E-XW-81-P	3.50 (89)	6 (152)	24 (610)	4.55 (2.07)
3½	XW	35E-XW-81-P	4.00 (102)	6 (152)	24 (610)	5.24 (2.38)
4	XW	40E-XW-81-P	4.50 (114)	6 (152)	24 (610)	5.95 (2.70)



45° X 36"

Nominal Size	Type	IPS Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
¾	SW	07E-SW-82-P	1.05 (27)	6 (152)	36 (914)	0.57 (0.26)
1	SW	10E-SW-82-P	1.32 (33)	6 (152)	36 (914)	0.63 (0.29)
1¼	SW	12E-SW-82-P	1.66 (42)	6 (152)	36 (914)	0.77 (0.35)
1½	SW	15E-SW-82-P	1.90 (48)	6 (152)	36 (914)	1.10 (0.50)
2	SW	20E-SW-82-P	2.37 (60)	6 (152)	36 (914)	1.27 (0.58)
2½	SW	25E-SW-82-P	2.88 (73)	6 (152)	36 (914)	1.53 (0.70)
3	SW	30E-SW-82-P	3.50 (89)	6 (152)	36 (914)	2.00 (0.91)
4	SW	40E-SW-82-P	4.46 (113)	6 (152)	36 (914)	2.40 (1.09)
4	HW	40E-HW-82-P	4.50 (114)	6 (152)	36 (914)	3.23 (1.47)
5	MW	50E-MW-82-P	5.57 (141)	6 (152)	36 (914)	4.00 (1.81)
5	HW	50E-HW-82-P	5.60 (152)	6 (152)	36 (914)	4.39 (2.00)
6	MW	60E-MW-82-P	6.63 (168)	6 (152)	36 (914)	4.73 (2.15)
6	HW	60E-HW-82-P	6.66 (169)	6 (152)	36 (914)	5.43 (2.46)

Nominal Size	Type	ID Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
2	SW	20F-SW-82-P	2.14 (54)	6 (152)	36 (914)	1.13 (0.51)
2½	SW	25F-SW-82-P	2.64 (67)	6 (152)	36 (914)	1.40 (0.64)
3	SW	30F-SW-82-P	3.14 (80)	6 (152)	36 (914)	1.60 (0.73)
3½	SW	35F-SW-82-P	3.64 (92)	6 (152)	36 (914)	2.00 (0.91)
4	SW	40F-SW-82-P	4.14 (105)	6 (152)	36 (914)	2.30 (1.04)
4	HW	40F-HW-82-P	4.19 (106)	6 (152)	36 (914)	3.07 (1.39)
4½	SW	45F-SW-82-P	4.64 (117)	6 (152)	36 (914)	3.65 (1.66)
4½	HW	45F-HW-82-P	4.69 (118)	6 (152)	36 (914)	4.00 (1.82)
5	MW	50F-MW-82-P	5.19 (132)	6 (152)	36 (914)	3.76 (1.71)
5	HW	50F-HW-82-P	5.22 (132)	6 (152)	36 (914)	4.33 (1.96)
6	MW	60F-MW-82-P	6.19 (157)	6 (152)	36 (914)	4.50 (2.04)
6	HW	60F-HW-82-P	6.22 (158)	6 (152)	36 (914)	5.26 (2.39)

Nominal Size	Type	Item No.	M	O-Tangent (min)	R - Radius (min)	Weight lbs kg
¾	XW	07E-XW-82-P	1.41 (36)	6 (152)	36 (914)	2.03 (0.92)
1	XW	10E-XW-82-P	1.68 (43)	6 (152)	36 (914)	2.27 (1.03)
1¼	XW	12E-XW-82-P	2.02 (51)	6 (152)	36 (914)	2.73 (1.24)
1½	XW	15E-XW-82-P	2.26 (57)	6 (152)	36 (914)	3.93 (1.78)
2	XW	20E-XW-82-P	2.50 (65)	6 (152)	36 (914)	4.20 (1.91)
2½	XW	25E-XW-82-P	3.00 (76)	6 (152)	36 (914)	5.13 (2.33)
3	XW	30E-XW-82-P	3.50 (89)	6 (152)	36 (914)	6.07 (2.76)
3½	XW	35E-XW-82-P	4.00 (102)	6 (152)	36 (914)	6.99 (3.18)
4	XW	40E-XW-82-P	4.59 (114)	6 (152)	36 (914)	7.93 (3.60)
5	XW	50E-XW-82-P	5.50 (140)	6 (152)	36 (914)	9.79 (4.44)
6	XW	60E-XW-82-P	6.50 (165)	6 (152)	36 (914)	11.65 (5.29)