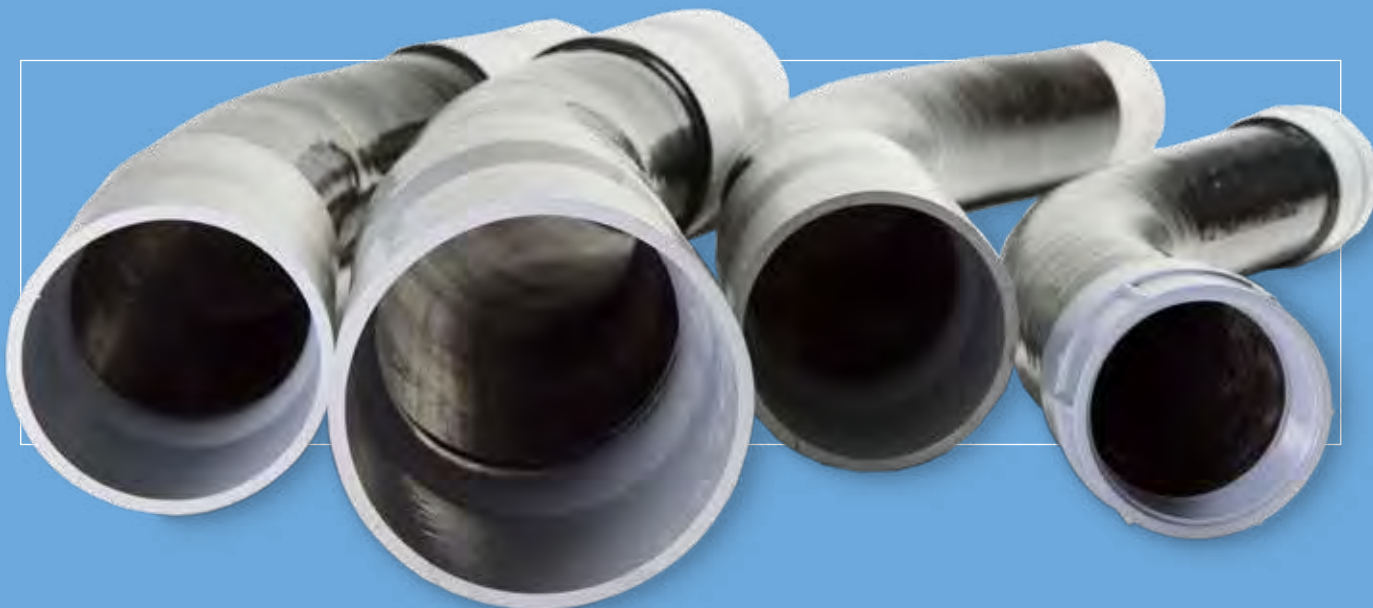


Elbows

Available in multiple bends and radii, Champion Fiberglass Elbows are the optimum solution in a wide range of applications – electrical contractors and specifying engineers are increasingly discovering the benefits of using our fiberglass elbows. Applications include Utilities, Data Centers, and Wastewater Treatment plants, among others.



Features

- No burn-through; low coefficient of friction and single-circuit winding process protect cables.
- Lightweight and easy to install.
- NECA labor rates show that fiberglass installations take a fraction of the time that galvanized rigid steel or PVC-coated represent – especially at larger diameters.
- ISO 9001 Certified; made in the USA.
- ISO 14001 Certified

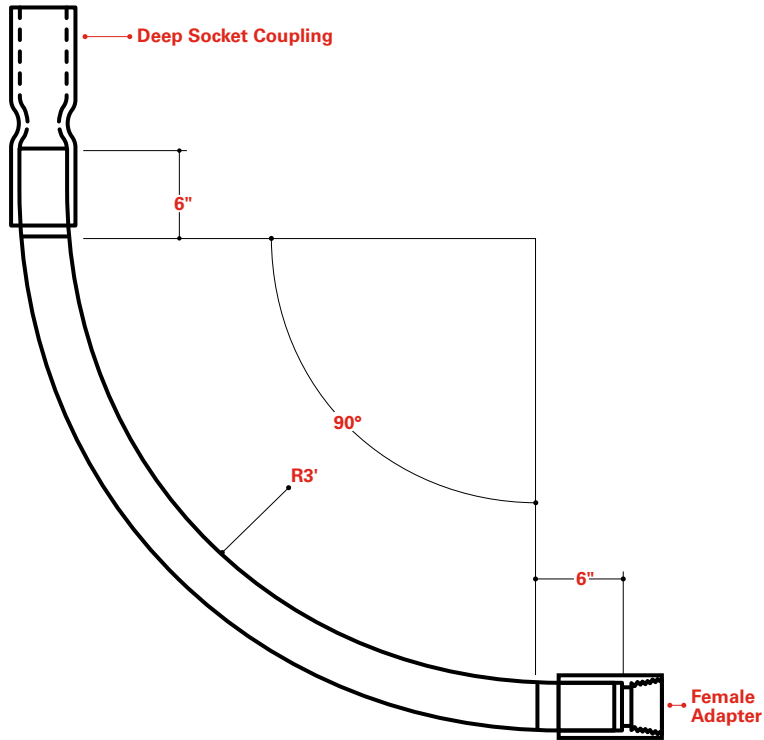
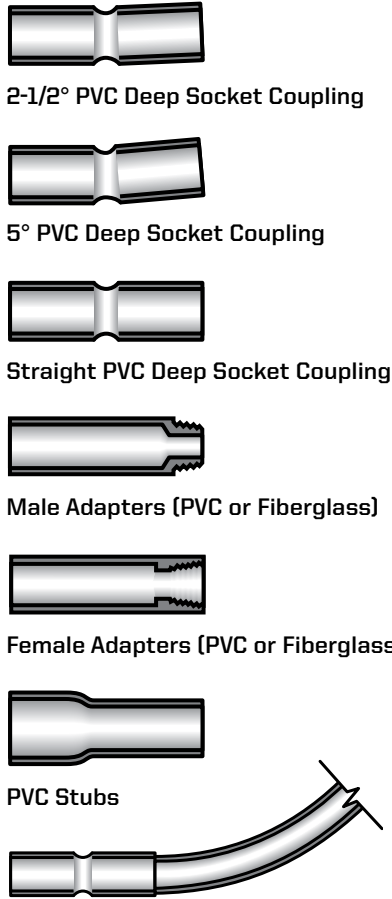
Availability and Accessories

- Larger-size bends and radii are available upon request.
- For installations that require transitions from fiberglass to conduit systems of other material types (GRC, PVC-coated), we offer an assortment of transition and termination fittings that can be factory fitted to adapt to these conduit material types. That way, the elbows arrive at the job site ready to install.
- Elbows are supplied with the following customer-specified transition ends:
 - Plain ended (no couplings or adapters)
 - Couplings (PVC or fiberglass)
 - Male and/or female adapters (PVC or fiberglass)
 - PVC stubs

Please Note

- Add suffix “-1F” to item number for one fiberglass coupling and “-2F” to item number for two fiberglass couplings.
- Add suffix “-1D” to item number for one deep socket PVC coupling and “-2D” to item number for two deep socket PVC couplings.
- Contact Champion Fiberglass for elbow item numbers that require male/female adapters or stubs.

ELBOWS WITH BONDED ON PVC COUPLINGS, MALE ADAPTERS, FEMALE ADAPTERS OR STUBS



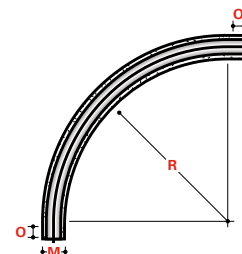
Elbow with deep socket coupling and female adapter

Elbows can be supplied with one or two PVC-bonded couplings. Replace “-P” suffix with: “-1D” for one coupling or “-2D” for two couplings. Champion elbows can also be supplied with 2-1/2° or 5° PVC offset couplings to correct conduit misalignments. Contact Champion Fiberglass for pricing and item numbers on elbows with fiberglass PVC male and female adapters.

IPS 90° STANDARD RADIUS ELBOWS

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)	R-RADIUS (MIN)	WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND				LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-9SR-P	07C-SW-9SR-P	1.05" (27)	6" (152)	4.50" (114)	0.27	(0.1)
<input type="checkbox"/>	1"	SW	10A-SW-9SR-P	10C-SW-9SR-P	1.32" (33)	6" (152)	5.75" (146)	0.33	(0.2)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-9SR-P	12C-SW-9SR-P	1.66" (42)	6" (152)	7.25" (184)	0.46	(0.2)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-9SR-P	15C-SW-9SR-P	1.90" (48)	6" (152)	8.25" (210)	0.68	(0.3)
<input type="checkbox"/>	2"	SW	20A-SW-9SR-P	20C-SW-9SR-P	2.37" (60)	6" (152)	9.50" (241)	0.87	(0.4)

Champion Fiberglass IPS (SW, MW and HW) Standard Radius Elbows are available in 1-1/4", 2-1/2", 30°, 45° and 90° bends. Chart shown is for 90° standard radius bends. Please contact Champion Fiberglass for additional information regarding pricing, weights, dimensions and item numbers for elbows other than 90°.





90° x 12"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)	R-RADIUS (MIN)	WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND				LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-90-P	07C-SW-90-P	1.05" (27)	6" (152)	12" (305)	0.43	(0.20)
<input type="checkbox"/>	1"	SW	10A-SW-90-P	10C-SW-90-P	1.32" (33)	6" (152)	12" (305)	0.48	(0.22)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-90-P	12C-SW-90-P	1.66" (42)	6" (152)	12" (305)	0.58	(0.26)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-90-P	15C-SW-90-P	1.90" (48)	6" (152)	12" (305)	0.83	(0.38)
<input type="checkbox"/>	2"	SW	20A-SW-90-P	20C-SW-90-P	2.37" (60)	6" (152)	12" (305)	0.95	(0.43)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-90-P	25C-SW-90-P	2.88" (73)	6" (152)	12" (305)	1.15	(0.52)

90° x 24"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)	R-RADIUS (MIN)	WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND				LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-91-P	07C-SW-91-P	1.05" (27)	6" (152)	24" (610)	0.71	(0.32)
<input type="checkbox"/>	1"	SW	10A-SW-91-P	10C-SW-91-P	1.32" (33)	6" (152)	24" (610)	0.79	(0.36)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-91-P	12C-SW-91-P	1.66" (42)	6" (152)	24" (610)	0.96	(0.44)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-91-P	15C-SW-91-P	1.90" (48)	6" (152)	24" (610)	1.38	(0.63)
<input type="checkbox"/>	2"	SW	20A-SW-91-P	20C-SW-91-P	2.37" (60)	6" (152)	24" (610)	1.58	(0.72)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-91-P	25C-SW-91-P	2.88" (73)	6" (152)	24" (610)	1.92	(0.87)
<input type="checkbox"/>	3"	SW	30A-SW-91-P	30C-SW-91-P	3.50" (89)	6" (152)	24" (610)	2.50	(1.14)
<input type="checkbox"/>	4"	SW	40A-SW-91-P	40C-SW-91-P	4.46" (113)	6" (152)	24" (610)	3.00	(1.36)
<input type="checkbox"/>	4"	HW	40A-HW-91-P	40C-HW-91-P	4.51" (115)	6" (152)	24" (610)	4.04	(1.83)

90° x 36"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)	R-RADIUS (MIN)	WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND				LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-92-P	07C-SW-92-P	1.05" (27)	6" (152)	36" (914)	0.96	(0.44)
<input type="checkbox"/>	1"	SW	10A-SW-92-P	10C-SW-92-P	1.32" (33)	6" (152)	36" (914)	1.08	(0.49)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-92-P	12C-SW-92-P	1.66" (42)	6" (152)	36" (914)	1.30	(0.59)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-92-P	15C-SW-92-P	1.90" (48)	6" (152)	36" (914)	1.87	(0.85)
<input type="checkbox"/>	2"	SW	20A-SW-92-P	20C-SW-92-P	2.37" (60)	6" (152)	36" (914)	2.15	(0.98)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-92-P	25C-SW-92-P	2.88" (73)	6" (152)	36" (914)	2.61	(1.19)
<input type="checkbox"/>	3"	SW	30A-SW-92-P	30C-SW-92-P	3.50" (89)	6" (152)	36" (914)	3.40	(1.54)
<input type="checkbox"/>	4"	SW	40A-SW-92-P	40C-SW-92-P	4.46" (113)	6" (152)	36" (914)	4.08	(1.85)
<input type="checkbox"/>	4"	HW	40A-HW-92-P	40C-HW-92-P	4.51" (115)	6" (152)	36" (914)	5.50	(2.50)
<input type="checkbox"/>	5"	SW	50A-SW-92-P	50C-SW-92-P	5.52" (140)	6" (152)	36" (914)	5.14	(2.34)
<input type="checkbox"/>	5"	MW	50A-MW-92-P	50C-MW-92-P	5.57" (141)	6" (152)	36" (914)	6.85	(3.08)
<input type="checkbox"/>	5"	HW	50A-HW-92-P	50C-HW-92-P	5.60" (142)	6" (152)	36" (914)	7.54	(3.42)
<input type="checkbox"/>	6"	SW	60A-SW-92-P	60C-SW-92-P	6.58" (167)	6" (152)	36" (914)	5.71	(2.57)
<input type="checkbox"/>	6"	MW	60A-MW-92-P	60C-MW-92-P	6.63" (168)	6" (152)	36" (914)	8.11	(3.65)
<input type="checkbox"/>	6"	HW	60A-HW-92-P	60C-HW-92-P	6.66" (169)	6" (152)	36" (914)	9.31	(4.19)



90° x 48"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)		R-RADIUS (MIN)		WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND						LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-93-P	07C-SW-93-P	1.05" (27)	6" (152)	48" (1,219)	48" (1,219)	1.36	(0.62)	
<input type="checkbox"/>	1"	SW	10A-SW-93-P	10C-SW-93-P	1.32" (33)	6" (152)	48" (1,219)	48" (1,219)	1.52	(0.69)	
<input type="checkbox"/>	1-1/4"	SW	12A-SW-93-P	12C-SW-93-P	1.66" (42)	6" (152)	48" (1,219)	48" (1,219)	1.84	(0.84)	
<input type="checkbox"/>	1-1/2"	SW	15A-SW-93-P	15C-SW-93-P	1.90" (48)	6" (152)	48" (1,219)	48" (1,219)	2.64	(1.20)	
<input type="checkbox"/>	2"	SW	20A-SW-93-P	20C-SW-93-P	2.37" (60)	6" (152)	48" (1,219)	48" (1,219)	3.04	(1.38)	
<input type="checkbox"/>	2-1/2"	SW	25A-SW-93-P	25C-SW-93-P	2.88" (73)	6" (152)	48" (1,219)	48" (1,219)	3.68	(1.67)	
<input type="checkbox"/>	3"	SW	30A-SW-93-P	30C-SW-93-P	3.50" (89)	6" (152)	48" (1,219)	48" (1,219)	4.80	(2.18)	
<input type="checkbox"/>	4"	SW	40A-SW-93-P	40C-SW-93-P	4.46" (113)	6" (152)	48" (1,219)	48" (1,219)	5.76	(2.62)	
<input type="checkbox"/>	4"	HW	40A-HW-93-P	40C-HW-93-P	4.51" (114)	6" (152)	48" (1,219)	48" (1,219)	7.76	(3.52)	
<input type="checkbox"/>	5"	SW	50A-SW-93-P	50C-SW-93-P	5.52" (140)	6" (152)	48" (1,219)	48" (1,219)	7.20	(3.27)	
<input type="checkbox"/>	5"	MW	50A-MW-93-P	50C-MW-93-P	5.57" (141)	6" (152)	48" (1,219)	48" (1,219)	9.60	(4.36)	
<input type="checkbox"/>	5"	HW	50A-HW-93-P	50C-HW-93-P	5.60" (142)	6" (152)	48" (1,219)	48" (1,219)	10.40	(4.72)	
<input type="checkbox"/>	6"	SW	60A-SW-93-P	60C-SW-93-P	6.58" (167)	6" (152)	48" (1,219)	48" (1,219)	8.64	(3.92)	
<input type="checkbox"/>	6"	MW	60A-MW-93-P	60C-MW-93-P	6.63" (168)	6" (152)	48" (1,219)	48" (1,219)	11.52	(5.23)	
<input type="checkbox"/>	6"	HW	60A-HW-93-P	60C-HW-93-P	6.66" (169)	6" (152)	48" (1,219)	48" (1,219)	12.67	(5.75)	

90° x 60"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)		R-RADIUS (MIN)		WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND						LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-94-P	07C-SW-94-P	1.05" (27)	6" (152)	60" (1,524)	60" (1,524)	1.50	(0.68)	
<input type="checkbox"/>	1"	SW	10A-SW-94-P	10C-SW-94-P	1.32" (33)	6" (152)	60" (1,524)	60" (1,524)	1.68	(0.76)	
<input type="checkbox"/>	1-1/4"	SW	12A-SW-94-P	12C-SW-94-P	1.66" (42)	6" (152)	60" (1,524)	60" (1,524)	2.03	(0.92)	
<input type="checkbox"/>	1-1/2"	SW	15A-SW-94-P	15C-SW-94-P	1.90" (48)	6" (152)	60" (1,524)	60" (1,524)	2.92	(1.33)	
<input type="checkbox"/>	2"	SW	20A-SW-94-P	20C-SW-94-P	2.37" (60)	6" (152)	60" (1,524)	60" (1,524)	3.36	(1.53)	
<input type="checkbox"/>	2-1/2"	SW	25A-SW-94-P	25C-SW-94-P	2.88" (73)	6" (152)	60" (1,524)	60" (1,524)	4.06	(1.84)	
<input type="checkbox"/>	3"	SW	30A-SW-94-P	30C-SW-94-P	3.50" (89)	6" (152)	60" (1,524)	60" (1,524)	5.30	(2.41)	
<input type="checkbox"/>	4"	SW	40A-SW-94-P	40C-SW-94-P	4.46" (113)	6" (152)	60" (1,524)	60" (1,524)	6.36	(2.89)	
<input type="checkbox"/>	4"	HW	40A-HW-94-P	40C-HW-94-P	4.51" (115)	6" (152)	60" (1,524)	60" (1,524)	8.57	(3.89)	
<input type="checkbox"/>	5"	SW	50A-SW-94-P	50C-SW-94-P	5.52" (140)	6" (152)	60" (1,524)	60" (1,524)	7.95	(3.61)	
<input type="checkbox"/>	5"	MW	50A-MW-94-P	50C-MW-94-P	5.57" (141)	6" (152)	60" (1,524)	60" (1,524)	10.60	(4.81)	
<input type="checkbox"/>	5"	HW	50A-HW-94-P	50C-HW-94-P	5.60" (142)	6" (152)	60" (1,524)	60" (1,524)	11.48	(5.21)	
<input type="checkbox"/>	6"	SW	60A-SW-94-P	60C-SW-94-P	6.58" (167)	6" (152)	60" (1,524)	60" (1,524)	8.83	(4.01)	
<input type="checkbox"/>	6"	MW	60A-MW-94-P	60C-MW-94-P	6.63" (168)	6" (152)	60" (1,524)	60" (1,524)	12.54	(5.69)	
<input type="checkbox"/>	6"	HW	60A-HW-94-P	60C-HW-94-P	6.66" (169)	6" (152)	60" (1,524)	60" (1,524)	14.40	(6.54)	



45° x 12"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)	R-RADIUS (MIN)	WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND				LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-80-P	07C-SW-80-P	1.05" (27)	6" (152)	12" (305)	0.30	(0.14)
<input type="checkbox"/>	1"	SW	10A-SW-80-P	10C-SW-80-P	1.32" (33)	6" (152)	12" (305)	0.33	(0.15)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-80-P	12C-SW-80-P	1.66" (42)	6" (152)	12" (305)	0.40	(0.18)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-80-P	15C-SW-80-P	1.90" (48)	6" (152)	12" (305)	0.58	(0.26)
<input type="checkbox"/>	2"	SW	20A-SW-80-P	20C-SW-80-P	2.37" (60)	6" (152)	12" (305)	0.67	(0.30)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-80-P	25C-SW-80-P	2.88" (73)	6" (152)	12" (305)	0.81	(0.37)

45° x 24"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)	R-RADIUS (MIN)	WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND				LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-81-P	07C-SW-81-P	1.05" (27)	6" (152)	24" (610)	0.43	(0.20)
<input type="checkbox"/>	1"	SW	10A-SW-81-P	10C-SW-81-P	1.32" (33)	6" (152)	24" (610)	0.48	(0.22)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-81-P	12C-SW-81-P	1.66" (42)	6" (152)	24" (610)	0.58	(0.26)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-81-P	15C-SW-81-P	1.90" (48)	6" (152)	24" (610)	0.83	(0.38)
<input type="checkbox"/>	2"	SW	20A-SW-81-P	20C-SW-81-P	2.37" (60)	6" (152)	24" (610)	0.95	(0.43)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-81-P	25C-SW-81-P	2.88" (73)	6" (152)	24" (610)	1.15	(0.52)
<input type="checkbox"/>	3"	SW	30A-SW-81-P	30C-SW-81-P	3.50" (89)	6" (152)	24" (610)	1.96	(0.89)
<input type="checkbox"/>	4"	SW	40A-SW-81-P	40C-SW-81-P	4.46" (113)	6" (152)	24" (610)	2.35	(1.07)
<input type="checkbox"/>	4"	HW	40A-HW-81-P	40C-HW-81-P	4.51" (114)	6" (152)	24" (610)	3.17	(1.44)

45° x 36"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)	R-RADIUS (MIN)	WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND				LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-82-P	07C-SW-82-P	1.05" (27)	6" (152)	36" (914)	0.57	(0.26)
<input type="checkbox"/>	1"	SW	10A-SW-82-P	10C-SW-82-P	1.32" (33)	6" (152)	36" (914)	0.63	(0.29)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-82-P	12C-SW-82-P	1.66" (42)	6" (152)	36" (914)	0.77	(0.35)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-82-P	15C-SW-82-P	1.90" (48)	6" (152)	36" (914)	1.10	(0.50)
<input type="checkbox"/>	2"	SW	20A-SW-82-P	20C-SW-82-P	2.37" (60)	6" (152)	36" (914)	1.27	(0.58)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-82-P	25C-SW-82-P	2.88" (73)	6" (152)	36" (914)	1.53	(0.70)
<input type="checkbox"/>	3"	SW	30A-SW-82-P	30C-SW-82-P	3.50" (89)	6" (152)	36" (914)	2.00	(0.91)
<input type="checkbox"/>	4"	SW	40A-SW-82-P	40C-SW-82-P	4.46" (113)	6" (152)	36" (914)	2.40	(1.09)
<input type="checkbox"/>	4"	HW	40A-HW-82-P	40C-HW-82-P	4.50" (114)	6" (152)	36" (914)	3.23	(1.47)
<input type="checkbox"/>	5"	SW	50A-SW-82-P	50C-SW-82-P	5.52" (140)	6" (152)	36" (914)	3.00	(1.36)
<input type="checkbox"/>	5"	MW	50A-MW-82-P	50C-MW-82-P	5.57" (141)	6" (152)	36" (914)	4.00	(1.81)
<input type="checkbox"/>	5"	HW	50A-HW-82-P	50C-HW-82-P	5.60" (152)	6" (152)	36" (914)	4.39	(2.00)
<input type="checkbox"/>	6"	SW	60A-SW-82-P	60C-SW-82-P	6.58" (167)	6" (152)	36" (914)	3.33	(1.51)
<input type="checkbox"/>	6"	MW	60A-MW-82-P	60C-MW-82-P	6.63" (168)	6" (152)	36" (914)	4.73	(2.15)
<input type="checkbox"/>	6"	HW	60A-HW-82-P	60C-HW-82-P	6.66" (169)	6" (152)	36" (914)	5.43	(2.46)



45° x 48"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)		R-RADIUS (MIN)		WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND						LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-83-P	07C-SW-83-P	1.05" (27)	6"	(152)	48"	(1,219)	0.69	(0.31)
<input type="checkbox"/>	1"	SW	10A-SW-83-P	10C-SW-83-P	1.32" (33)	6"	(152)	48"	(1,219)	0.78	(0.35)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-83-P	12C-SW-83-P	1.66" (42)	6"	(152)	48"	(1,219)	0.94	(0.43)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-83-P	15C-SW-83-P	1.90" (48)	6"	(152)	48"	(1,219)	1.35	(0.61)
<input type="checkbox"/>	2"	SW	20A-SW-83-P	20C-SW-83-P	2.37" (60)	6"	(152)	48"	(1,219)	1.55	(0.70)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-83-P	25C-SW-83-P	2.88" (73)	6"	(152)	48"	(1,219)	1.88	(0.85)
<input type="checkbox"/>	3"	SW	30A-SW-83-P	30C-SW-83-P	3.50" (89)	6"	(152)	48"	(1,219)	2.45	(1.11)
<input type="checkbox"/>	4"	SW	40A-SW-83-P	40C-SW-83-P	4.46" (113)	6"	(152)	48"	(1,219)	2.94	(1.34)
<input type="checkbox"/>	4"	HW	40A-HW-83-P	40C-HW-83-P	4.51" (114)	6"	(152)	48"	(1,219)	3.96	(1.80)
<input type="checkbox"/>	5"	SW	50A-SW-83-P	50C-SW-83-P	5.52" (140)	6"	(152)	48"	(1,219)	3.68	(1.67)
<input type="checkbox"/>	5"	MW	50A-MW-83-P	50C-MW-83-P	5.57" (141)	6"	(152)	48"	(1,219)	4.90	(2.23)
<input type="checkbox"/>	5"	HW	50A-HW-83-P	50C-HW-83-P	5.60" (142)	6"	(152)	48"	(1,219)	5.31	(2.41)
<input type="checkbox"/>	6"	SW	60A-SW-83-P	60C-SW-83-P	6.58" (167)	6"	(152)	48"	(1,219)	4.09	(1.86)
<input type="checkbox"/>	6"	MW	60A-MW-83-P	60C-MW-83-P	6.63" (168)	6"	(152)	48"	(1,219)	5.80	(2.63)
<input type="checkbox"/>	6"	HW	60A-HW-83-P	60C-HW-83-P	6.66" (169)	6"	(152)	48"	(1,219)	6.66	(3.02)

45° x 60"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)		R-RADIUS (MIN)		WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND						LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-84-P	07C-SW-84-P	1.05" (27)	6"	(152)	60"	(1,524)	0.85	(0.39)
<input type="checkbox"/>	1"	SW	10A-SW-84-P	10C-SW-84-P	1.32" (33)	6"	(152)	60"	(1,524)	0.95	(0.43)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-84-P	12C-SW-84-P	1.66" (42)	6"	(152)	60"	(1,524)	1.15	(0.52)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-84-P	15C-SW-84-P	1.90" (48)	6"	(152)	60"	(1,524)	1.65	(0.75)
<input type="checkbox"/>	2"	SW	20A-SW-84-P	20C-SW-84-P	2.37" (60)	6"	(152)	60"	(1,524)	1.90	(0.86)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-84-P	25C-SW-84-P	2.88" (73)	6"	(152)	60"	(1,524)	2.30	(1.04)
<input type="checkbox"/>	3"	SW	30A-SW-84-P	30C-SW-84-P	3.50" (89)	6"	(152)	60"	(1,524)	3.00	(1.36)
<input type="checkbox"/>	4"	SW	40A-SW-84-P	40C-SW-84-P	4.46" (113)	6"	(152)	60"	(1,524)	3.60	(1.63)
<input type="checkbox"/>	4"	HW	40A-HW-84-P	40C-HW-84-P	4.51" (115)	6"	(152)	60"	(1,524)	4.85	(2.20)
<input type="checkbox"/>	5"	SW	50A-SW-84-P	50C-SW-84-P	5.52" (140)	6"	(152)	60"	(1,524)	4.50	(2.04)
<input type="checkbox"/>	5"	MW	50A-MW-84-P	50C-MW-84-P	5.57" (141)	6"	(152)	60"	(1,524)	6.00	(2.72)
<input type="checkbox"/>	5"	HW	50A-HW-84-P	50C-HW-84-P	5.60" (142)	6"	(152)	60"	(1,524)	6.50	(2.95)
<input type="checkbox"/>	6"	SW	60A-SW-84-P	60C-SW-84-P	6.58" (167)	6"	(152)	60"	(1,524)	5.00	(2.27)
<input type="checkbox"/>	6"	MW	60A-MW-84-P	60C-MW-84-P	6.63" (168)	6"	(152)	60"	(1,524)	7.10	(3.22)
<input type="checkbox"/>	6"	HW	60A-HW-84-P	60C-HW-84-P	6.66" (169)	6"	(152)	60"	(1,524)	8.15	(3.70)



30° x 12"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)	R-RADIUS (MIN)	WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND				LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-70-P	07C-SW-70-P	1.05" (27)	6" (152)	12" (305)	0.27	(0.12)
<input type="checkbox"/>	1"	SW	10A-SW-70-P	10C-SW-70-P	1.32" (33)	6" (152)	12" (305)	0.30	(0.14)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-70-P	12C-SW-70-P	1.66" (42)	6" (152)	12" (305)	0.36	(0.16)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-70-P	15C-SW-70-P	1.90" (48)	6" (152)	12" (305)	0.52	(0.24)
<input type="checkbox"/>	2"	SW	20A-SW-70-P	20C-SW-70-P	2.37" (60)	6" (152)	12" (305)	0.60	(0.27)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-70-P	25C-SW-70-P	2.88" (73)	6" (152)	12" (305)	0.73	(0.33)

30° x 24"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)	R-RADIUS (MIN)	WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND				LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-71-P	07C-SW-71-P	1.05" (27)	6" (152)	24" (610)	0.34	(0.15)
<input type="checkbox"/>	1"	SW	10A-SW-71-P	10C-SW-71-P	1.32" (33)	6" (152)	24" (610)	0.38	(0.17)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-71-P	12C-SW-71-P	1.66" (42)	6" (152)	24" (610)	0.46	(0.21)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-71-P	15C-SW-71-P	1.90" (48)	6" (152)	24" (610)	0.66	(0.30)
<input type="checkbox"/>	2"	SW	20A-SW-71-P	20C-SW-71-P	2.37" (60)	6" (152)	24" (610)	0.76	(0.35)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-71-P	25C-SW-71-P	2.88" (73)	6" (152)	24" (610)	0.92	(0.42)
<input type="checkbox"/>	3"	SW	30A-SW-71-P	30C-SW-71-P	3.50" (89)	6" (152)	24" (610)	1.20	(0.54)
<input type="checkbox"/>	4"	SW	40A-SW-71-P	40C-SW-71-P	4.46" (113)	6" (152)	24" (610)	1.44	(0.65)
<input type="checkbox"/>	4"	HW	40A-HW-71-P	40C-HW-71-P	4.51" (114)	6" (152)	24" (610)	1.94	(0.88)

30° x 36"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)	R-RADIUS (MIN)	WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND				LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-72-P	07C-SW-72-P	1.05" (27)	6" (152)	36" (914)	0.43	(0.15)
<input type="checkbox"/>	1"	SW	10A-SW-72-P	10C-SW-72-P	1.32" (33)	6" (152)	36" (914)	0.48	(0.17)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-72-P	12C-SW-72-P	1.66" (42)	6" (152)	36" (914)	0.58	(0.21)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-72-P	15C-SW-72-P	1.90" (48)	6" (152)	36" (914)	0.83	(0.30)
<input type="checkbox"/>	2"	SW	20A-SW-72-P	20C-SW-72-P	2.37" (60)	6" (152)	36" (914)	0.95	(0.50)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-72-P	25C-SW-72-P	2.88" (73)	6" (152)	36" (914)	1.15	(0.42)
<input type="checkbox"/>	3"	SW	30A-SW-72-P	30C-SW-72-P	3.50" (89)	6" (152)	36" (914)	1.50	(0.77)
<input type="checkbox"/>	4"	SW	40A-SW-72-P	40C-SW-72-P	4.46" (113)	6" (152)	36" (914)	1.80	(0.77)
<input type="checkbox"/>	4"	HW	40A-HW-72-P	40C-HW-72-P	4.51" (115)	6" (152)	36" (914)	2.43	(0.95)
<input type="checkbox"/>	5"	SW	50A-SW-72-P	50C-SW-72-P	5.52" (140)	6" (152)	36" (914)	2.25	(1.02)
<input type="checkbox"/>	5"	MW	50A-MW-72-P	50C-MW-72-P	5.57" (141)	6" (152)	36" (914)	3.00	(1.36)
<input type="checkbox"/>	5"	HW	50A-HW-72-P	50C-HW-72-P	5.60" (152)	6" (152)	36" (914)	3.31	(1.50)
<input type="checkbox"/>	6"	SW	60A-SW-72-P	60C-SW-72-P	6.58" (167)	6" (152)	36" (914)	2.50	(1.14)
<input type="checkbox"/>	6"	MW	60A-MW-72-P	60C-MW-72-P	6.63" (168)	6" (152)	36" (914)	3.56	(1.62)
<input type="checkbox"/>	6"	HW	60A-HW-72-P	60C-HW-72-P	6.66" (169)	6" (152)	36" (914)	4.08	(1.85)



30° x 48"

	NOMINAL		IPS ITEM NO		M		O-TANGENT (MIN)		R-RADIUS (MIN)		WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND							LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-73-P	07C-SW-73-P	1.05"	(27)	6"	(152)	48"	(1,219)	0.52	(0.24)
<input type="checkbox"/>	1"	SW	10A-SW-73-P	10C-SW-73-P	1.32"	(33)	6"	(152)	48"	(1,219)	0.59	(0.27)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-73-P	12C-SW-73-P	1.66"	(42)	6"	(152)	48"	(1,219)	0.71	(0.32)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-73-P	15C-SW-73-P	1.90"	(48)	6"	(152)	48"	(1,219)	1.02	(0.46)
<input type="checkbox"/>	2"	SW	20A-SW-73-P	20C-SW-73-P	2.37"	(60)	6"	(152)	48"	(1,219)	1.17	(0.53)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-73-P	25C-SW-73-P	2.88"	(73)	6"	(152)	48"	(1,219)	1.42	(0.65)
<input type="checkbox"/>	3"	SW	30A-SW-73-P	30C-SW-73-P	3.50"	(89)	6"	(152)	48"	(1,219)	1.85	(0.84)
<input type="checkbox"/>	4"	SW	40A-SW-73-P	40C-SW-73-P	4.46"	(113)	6"	(152)	48"	(1,219)	2.22	(1.01)
<input type="checkbox"/>	4"	HW	40A-HW-73-P	40C-HW-73-P	4.51"	(114)	6"	(152)	48"	(1,219)	2.99	(1.36)
<input type="checkbox"/>	5"	SW	50A-SW-73-P	50C-SW-73-P	5.52"	(140)	6"	(152)	48"	(1,219)	2.78	(1.26)
<input type="checkbox"/>	5"	MW	50A-MW-73-P	50C-MW-73-P	5.57"	(141)	6"	(152)	48"	(1,219)	3.70	(1.68)
<input type="checkbox"/>	5"	HW	50A-HW-73-P	50C-HW-73-P	5.60"	(142)	6"	(152)	48"	(1,219)	4.01	(1.82)
<input type="checkbox"/>	6"	SW	60A-SW-73-P	60C-SW-73-P	6.58"	(167)	6"	(152)	48"	(1,219)	3.09	(1.40)
<input type="checkbox"/>	6"	MW	60A-MW-73-P	60C-MW-73-P	6.63"	(168)	6"	(152)	48"	(1,219)	4.38	(1.99)
<input type="checkbox"/>	6"	HW	60A-HW-73-P	60C-HW-73-P	6.66"	(169)	6"	(152)	48"	(1,219)	5.03	(2.28)

30° x 60"

	NOMINAL		IPS ITEM NO		M		O-TANGENT (MIN)		R-RADIUS (MIN)		WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND							LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-74-P	07C-SW-74-P	1.05"	(27)	6"	(152)	60"	(1,524)	0.61	(0.28)
<input type="checkbox"/>	1"	SW	10A-SW-74-P	10C-SW-74-P	1.32"	(33)	6"	(152)	60"	(1,524)	0.68	(0.31)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-74-P	12C-SW-74-P	1.66"	(42)	6"	(152)	60"	(1,524)	0.82	(0.37)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-74-P	15C-SW-74-P	1.90"	(48)	6"	(152)	60"	(1,524)	1.18	(0.54)
<input type="checkbox"/>	2"	SW	20A-SW-74-P	20C-SW-74-P	2.37"	(60)	6"	(152)	60"	(1,524)	1.36	(0.62)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-74-P	25C-SW-74-P	2.88"	(73)	6"	(152)	60"	(1,524)	1.65	(0.75)
<input type="checkbox"/>	3"	SW	30A-SW-74-P	30C-SW-74-P	3.50"	(89)	6"	(152)	60"	(1,524)	2.15	(0.98)
<input type="checkbox"/>	4"	SW	40A-SW-74-P	40C-SW-74-P	4.46"	(113)	6"	(152)	60"	(1,524)	2.58	(1.17)
<input type="checkbox"/>	4"	HW	40A-HW-74-P	40C-HW-74-P	4.51"	(115)	6"	(152)	60"	(1,524)	3.48	(1.58)
<input type="checkbox"/>	5"	SW	50A-SW-74-P	50C-SW-74-P	5.52"	(140)	6"	(152)	60"	(1,524)	3.23	(1.47)
<input type="checkbox"/>	5"	MW	50A-MW-74-P	50C-MW-74-P	5.57"	(141)	6"	(152)	60"	(1,524)	4.30	(1.95)
<input type="checkbox"/>	5"	HW	50A-HW-74-P	50C-HW-74-P	5.60"	(142)	6"	(152)	60"	(1,524)	4.66	(2.12)
<input type="checkbox"/>	6"	SW	60A-SW-74-P	60C-SW-74-P	6.58"	(167)	6"	(152)	60"	(1,524)	3.58	(1.63)
<input type="checkbox"/>	6"	MW	60A-MW-74-P	60C-MW-74-P	6.63"	(168)	6"	(152)	60"	(1,524)	5.09	(2.31)
<input type="checkbox"/>	6"	HW	60A-HW-74-P	60C-HW-74-P	6.66"	(169)	6"	(152)	60"	(1,524)	5.84	(2.65)



22-1/2° elbows

22-1/2° x 12"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)	R-RADIUS (MIN)	WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND				LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-60-P	07C-SW-60-P	1.05" (27)	6" (152)	12" (305)	0.24	(0.11)
<input type="checkbox"/>	1"	SW	10A-SW-60-P	10C-SW-60-P	1.32" (33)	6" (152)	12" (305)	0.27	(0.12)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-60-P	12C-SW-60-P	1.66" (42)	6" (152)	12" (305)	0.33	(0.15)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-60-P	15C-SW-60-P	1.90" (48)	6" (152)	12" (305)	0.47	(0.21)
<input type="checkbox"/>	2"	SW	20A-SW-60-P	20C-SW-60-P	2.37" (60)	6" (152)	12" (305)	0.54	(0.25)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-60-P	25C-SW-60-P	2.88" (73)	6" (152)	12" (305)	0.65	(0.30)

22-1/2° x 24"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)	R-RADIUS (MIN)	WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND				LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-61-P	07C-SW-61-P	1.05" (27)	6" (152)	24" (610)	0.30	(0.14)
<input type="checkbox"/>	1"	SW	10A-SW-61-P	10C-SW-61-P	1.32" (33)	6" (152)	24" (610)	0.33	(0.15)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-61-P	12C-SW-61-P	1.66" (42)	6" (152)	24" (610)	0.40	(0.18)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-61-P	15C-SW-61-P	1.90" (48)	6" (152)	24" (610)	0.58	(0.26)
<input type="checkbox"/>	2"	SW	20A-SW-61-P	20C-SW-61-P	2.37" (60)	6" (152)	24" (610)	0.67	(0.30)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-61-P	25C-SW-61-P	2.88" (73)	6" (152)	24" (610)	0.81	(0.37)
<input type="checkbox"/>	3"	SW	30A-SW-61-P	30C-SW-61-P	3.50" (89)	6" (152)	24" (610)	1.06	(0.48)
<input type="checkbox"/>	4"	SW	40A-SW-61-P	40C-SW-61-P	4.46" (113)	6" (152)	24" (610)	1.27	(0.58)
<input type="checkbox"/>	4"	HW	40A-HW-61-P	40C-HW-61-P	4.51" (114)	6" (152)	24" (610)	1.71	(0.78)

22-1/2° x 36"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)	R-RADIUS (MIN)	WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND				LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-62-P	07C-SW-62-P	1.05" (27)	6" (152)	36" (914)	0.35	(0.16)
<input type="checkbox"/>	1"	SW	10A-SW-62-P	10C-SW-62-P	1.32" (33)	6" (152)	36" (914)	0.40	(0.18)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-62-P	12C-SW-62-P	1.66" (42)	6" (152)	36" (914)	0.48	(0.22)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-62-P	15C-SW-62-P	1.90" (48)	6" (152)	36" (914)	0.69	(0.31)
<input type="checkbox"/>	2"	SW	20A-SW-62-P	20C-SW-62-P	2.37" (60)	6" (152)	36" (914)	0.79	(0.36)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-62-P	25C-SW-62-P	2.88" (73)	6" (152)	36" (914)	0.96	(0.44)
<input type="checkbox"/>	3"	SW	30A-SW-62-P	30C-SW-62-P	3.50" (89)	6" (152)	36" (914)	1.25	(0.57)
<input type="checkbox"/>	4"	SW	40A-SW-62-P	40C-SW-62-P	4.46" (113)	6" (152)	36" (914)	1.50	(0.68)
<input type="checkbox"/>	4"	HW	40A-HW-62-P	40C-HW-62-P	4.51" (114)	6" (152)	36" (914)	2.02	(0.91)
<input type="checkbox"/>	5"	SW	50A-SW-62-P	50C-SW-62-P	5.52" (140)	6" (152)	36" (914)	1.88	(0.85)
<input type="checkbox"/>	5"	MW	50A-MW-62-P	50C-MW-62-P	5.57" (141)	6" (152)	36" (914)	2.50	(1.14)
<input type="checkbox"/>	5"	HW	50A-HW-62-P	50C-HW-62-P	5.60" (152)	6" (152)	36" (914)	2.75	(1.25)
<input type="checkbox"/>	6"	SW	60A-SW-62-P	60C-SW-62-P	6.58" (167)	6" (152)	36" (914)	2.08	(0.94)
<input type="checkbox"/>	6"	MW	60A-MW-62-P	60C-MW-62-P	6.63" (168)	6" (152)	36" (914)	2.96	(1.34)
<input type="checkbox"/>	6"	HW	60A-HW-62-P	60C-HW-62-P	6.66" (169)	6" (152)	36" (914)	3.40	(1.54)



22-1/2° x 48"

	NOMINAL		IPS ITEM NO		M		O-TANGENT (MIN)	R-RADIUS (MIN)	WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND					LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-63-P	07C-SW-63-P	1.05"	(27)	6" (152)	48" (1,219)	0.43	(0.20)
<input type="checkbox"/>	1"	SW	10A-SW-63-P	10C-SW-63-P	1.32"	(33)	6" (152)	48" (1,219)	0.48	(0.22)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-63-P	12C-SW-63-P	1.66"	(42)	6" (152)	48" (1,219)	0.58	(0.26)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-63-P	15C-SW-63-P	1.90"	(48)	6" (152)	48" (1,219)	0.83	(0.38)
<input type="checkbox"/>	2"	SW	20A-SW-63-P	20C-SW-63-P	2.37"	(60)	6" (152)	48" (1,219)	0.95	(0.43)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-63-P	25C-SW-63-P	2.88"	(73)	6" (152)	48" (1,219)	1.15	(0.52)
<input type="checkbox"/>	3"	SW	30A-SW-63-P	30C-SW-63-P	3.50"	(89)	6" (152)	48" (1,219)	1.50	(0.68)
<input type="checkbox"/>	4"	SW	40A-SW-63-P	40C-SW-63-P	4.46"	(113)	6" (152)	48" (1,219)	1.80	(0.82)
<input type="checkbox"/>	4"	HW	40A-HW-63-P	40C-HW-63-P	4.51"	(114)	6" (152)	48" (1,219)	2.43	(1.10)
<input type="checkbox"/>	5"	SW	50A-SW-63-P	50C-SW-63-P	5.52"	(140)	6" (152)	48" (1,219)	2.25	(1.02)
<input type="checkbox"/>	5"	MW	50A-MW-63-P	50C-MW-63-P	5.57"	(141)	6" (152)	48" (1,219)	3.00	(1.36)
<input type="checkbox"/>	5"	HW	50A-HW-63-P	50C-HW-63-P	5.60"	(142)	6" (152)	48" (1,219)	3.25	(1.48)
<input type="checkbox"/>	6"	SW	60A-SW-63-P	60C-SW-63-P	6.58"	(167)	6" (152)	48" (1,219)	2.00	(0.91)
<input type="checkbox"/>	6"	MW	60A-MW-63-P	60C-MW-63-P	6.63"	(168)	6" (152)	48" (1,219)	2.84	(1.29)
<input type="checkbox"/>	6"	HW	60A-HW-63-P	60C-HW-63-P	6.66"	(170)	6" (152)	48" (1,219)	3.26	(1.48)

22-1/2° x 60"

	NOMINAL		IPS ITEM NO		M		O-TANGENT (MIN)	R-RADIUS (MIN)	WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND					LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-64-P	07C-SW-64-P	1.05"	(27)	6" (152)	60" (1,524)	0.50	(0.23)
<input type="checkbox"/>	1"	SW	10A-SW-64-P	10C-SW-64-P	1.32"	(33)	6" (152)	60" (1,524)	0.55	(0.25)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-64-P	12C-SW-64-P	1.66"	(42)	6" (152)	60" (1,524)	0.67	(0.30)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-64-P	15C-SW-64-P	1.90"	(48)	6" (152)	60" (1,524)	0.96	(0.44)
<input type="checkbox"/>	2"	SW	20A-SW-64-P	20C-SW-64-P	2.37"	(60)	6" (152)	60" (1,524)	1.11	(0.50)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-64-P	25C-SW-64-P	2.88"	(73)	6" (152)	60" (1,524)	1.34	(0.61)
<input type="checkbox"/>	3"	SW	30A-SW-64-P	30C-SW-64-P	3.50"	(89)	6" (152)	60" (1,524)	1.75	(0.80)
<input type="checkbox"/>	4"	SW	40A-SW-64-P	40C-SW-64-P	4.46"	(113)	6" (152)	60" (1,524)	2.10	(0.95)
<input type="checkbox"/>	4"	HW	40A-HW-64-P	40C-HW-64-P	4.51"	(115)	6" (152)	60" (1,524)	2.83	(1.29)
<input type="checkbox"/>	5"	SW	50A-SW-64-P	50C-SW-64-P	5.52"	(140)	6" (152)	60" (1,524)	2.63	(1.19)
<input type="checkbox"/>	5"	MW	50A-MW-64-P	50C-MW-64-P	5.57"	(141)	6" (152)	60" (1,524)	3.50	(1.59)
<input type="checkbox"/>	5"	HW	50A-HW-64-P	50C-HW-64-P	5.60"	(142)	6" (152)	60" (1,524)	3.79	(1.72)
<input type="checkbox"/>	6"	SW	60A-SW-64-P	60C-SW-64-P	6.58"	(167)	6" (152)	60" (1,524)	2.92	(1.33)
<input type="checkbox"/>	6"	MW	60A-MW-64-P	60C-MW-64-P	6.63"	(168)	6" (152)	60" (1,524)	4.14	(1.88)
<input type="checkbox"/>	6"	HW	60A-HW-64-P	60C-HW-64-P	6.66"	(170)	6" (152)	60" (1,524)	4.75	(2.16)



11-1/4° x 12"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)	R-RADIUS (MIN)	WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND				LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-50-P	07C-SW-50-P	1.05" (27)	6" (152)	12" (305)	0.20	(0.09)
<input type="checkbox"/>	1"	SW	10A-SW-50-P	10C-SW-50-P	1.32" (33)	6" (152)	12" (305)	0.22	(0.10)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-50-P	12C-SW-50-P	1.66" (42)	6" (152)	12" (305)	0.27	(0.12)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-50-P	15C-SW-50-P	1.90" (48)	6" (152)	12" (305)	0.39	(0.18)
<input type="checkbox"/>	2"	SW	20A-SW-50-P	20C-SW-50-P	2.37" (60)	6" (152)	12" (305)	0.44	(0.20)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-50-P	25C-SW-50-P	2.88" (73)	6" (152)	12" (305)	0.54	(0.25)

11-1/4° x 24"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)	R-RADIUS (MIN)	WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND				LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-51-P	07C-SW-51-P	1.05" (27)	6" (152)	24" (610)	0.24	(0.11)
<input type="checkbox"/>	1"	SW	10A-SW-51-P	10C-SW-51-P	1.32" (33)	6" (152)	24" (610)	0.27	(0.12)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-51-P	12C-SW-51-P	1.66" (42)	6" (152)	24" (610)	0.33	(0.15)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-51-P	15C-SW-51-P	1.90" (48)	6" (152)	24" (610)	0.47	(0.21)
<input type="checkbox"/>	2"	SW	20A-SW-51-P	20C-SW-51-P	2.37" (60)	6" (152)	24" (610)	0.54	(0.25)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-51-P	25C-SW-51-P	2.88" (73)	6" (152)	24" (610)	0.65	(0.30)
<input type="checkbox"/>	3"	SW	30A-SW-51-P	30C-SW-51-P	3.50" (89)	6" (152)	24" (610)	0.85	(0.38)
<input type="checkbox"/>	4"	SW	40A-SW-51-P	40C-SW-51-P	4.46" (113)	6" (152)	24" (610)	1.02	(0.46)
<input type="checkbox"/>	4"	HW	40A-HW-51-P	40C-HW-51-P	4.51" (114)	6" (152)	24" (610)	1.37	(0.61)

11-1/4° x 36"

	NOMINAL		IPS ITEM NO		M	O-TANGENT (MIN)	R-RADIUS (MIN)	WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND				LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-52-P	07C-SW-52-P	1.05" (27)	6" (152)	36" (914)	0.27	(0.12)
<input type="checkbox"/>	1"	SW	10A-SW-52-P	10C-SW-52-P	1.32" (33)	6" (152)	36" (914)	0.30	(0.14)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-52-P	12C-SW-52-P	1.66" (42)	6" (152)	36" (914)	0.36	(0.16)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-52-P	15C-SW-52-P	1.90" (48)	6" (152)	36" (914)	0.52	(0.24)
<input type="checkbox"/>	2"	SW	20A-SW-52-P	20C-SW-52-P	2.37" (60)	6" (152)	36" (914)	0.60	(0.27)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-52-P	25C-SW-52-P	2.88" (73)	6" (152)	36" (914)	0.73	(0.33)
<input type="checkbox"/>	3"	SW	30A-SW-52-P	30C-SW-52-P	3.50" (89)	6" (152)	36" (914)	0.95	(0.43)
<input type="checkbox"/>	4"	SW	40A-SW-52-P	40C-SW-52-P	4.46" (113)	6" (152)	36" (914)	1.14	(0.52)
<input type="checkbox"/>	4"	HW	40A-HW-52-P	40C-HW-52-P	4.51" (114)	6" (152)	36" (914)	1.54	(0.70)
<input type="checkbox"/>	5"	SW	50A-SW-52-P	50C-SW-52-P	5.52" (140)	6" (152)	36" (914)	1.43	(0.65)
<input type="checkbox"/>	5"	MW	50A-MW-52-P	50C-MW-52-P	5.57" (141)	6" (152)	36" (914)	1.90	(0.86)
<input type="checkbox"/>	5"	HW	50A-HW-52-P	50C-HW-52-P	5.60" (152)	6" (152)	36" (914)	2.10	(0.95)
<input type="checkbox"/>	6"	SW	60A-SW-52-P	60C-SW-52-P	6.58" (167)	6" (152)	36" (914)	1.59	(0.72)
<input type="checkbox"/>	6"	MW	60A-MW-52-P	60C-MW-52-P	6.63" (168)	6" (152)	36" (914)	2.25	(1.02)
<input type="checkbox"/>	6"	HW	60A-HW-52-P	60C-HW-52-P	6.66" (169)	6" (152)	36" (914)	2.59	(1.17)



11-1/4° x 48"

	NOMINAL		IPS ITEM NO		M		O-TANGENT (MIN)		R-RADIUS (MIN)		WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND							LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-53-P	07C-SW-53-P	1.05"	(27)	6"	(152)	48"	(1,219)	0.31	(0.14)
<input type="checkbox"/>	1"	SW	10A-SW-53-P	10C-SW-53-P	1.32"	(33)	6"	(152)	48"	(1,219)	0.35	(0.16)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-53-P	12C-SW-53-P	1.66"	(42)	6"	(152)	48"	(1,219)	0.42	(0.19)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-53-P	15C-SW-53-P	1.90"	(48)	6"	(152)	48"	(1,219)	0.61	(0.28)
<input type="checkbox"/>	2"	SW	20A-SW-53-P	20C-SW-53-P	2.37"	(60)	6"	(152)	48"	(1,219)	0.70	(0.32)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-53-P	25C-SW-53-P	2.88"	(73)	6"	(152)	48"	(1,219)	0.84	(0.38)
<input type="checkbox"/>	3"	SW	30A-SW-53-P	30C-SW-53-P	3.50"	(89)	6"	(152)	48"	(1,219)	1.10	(0.50)
<input type="checkbox"/>	4"	SW	40A-SW-53-P	40C-SW-53-P	4.46"	(113)	6"	(152)	48"	(1,219)	1.32	(0.60)
<input type="checkbox"/>	4"	HW	40A-HW-53-P	40C-HW-53-P	4.51"	(114)	6"	(152)	48"	(1,219)	1.78	(0.81)
<input type="checkbox"/>	5"	SW	50A-SW-53-P	50C-SW-53-P	5.52"	(140)	6"	(152)	48"	(1,219)	1.65	(0.75)
<input type="checkbox"/>	5"	MW	50A-MW-53-P	50C-MW-53-P	5.57"	(141)	6"	(152)	48"	(1,219)	2.20	(1.00)
<input type="checkbox"/>	5"	HW	50A-HW-53-P	50C-HW-53-P	5.60"	(142)	6"	(152)	48"	(1,219)	2.38	(1.08)
<input type="checkbox"/>	6"	SW	60A-SW-53-P	60C-SW-53-P	6.58"	(167)	6"	(152)	60"	(1,524)	1.83	(0.83)
<input type="checkbox"/>	6"	MW	60A-MW-53-P	60C-MW-53-P	6.63"	(168)	6"	(152)	60"	(1,524)	2.60	(1.18)
<input type="checkbox"/>	6"	HW	60A-HW-53-P	60C-HW-53-P	6.66"	(169)	6"	(152)	60"	(1,524)	2.98	(1.35)

11-1/4° x 60"

	NOMINAL		IPS ITEM NO		M		O-TANGENT (MIN)		R-RADIUS (MIN)		WEIGHT	
	SIZE	TYPE	BELOW GROUND	ABOVE GROUND							LBS	KG
<input type="checkbox"/>	3/4"	SW	07A-SW-54-P	07C-SW-54-P	1.05"	(27)	6"	(152)	60"	(1,524)	0.34	(0.15)
<input type="checkbox"/>	1"	SW	10A-SW-54-P	10C-SW-54-P	1.32"	(33)	6"	(152)	60"	(1,524)	0.38	(0.17)
<input type="checkbox"/>	1-1/4"	SW	12A-SW-54-P	12C-SW-54-P	1.66"	(42)	6"	(152)	60"	(1,524)	0.46	(0.21)
<input type="checkbox"/>	1-1/2"	SW	15A-SW-54-P	15C-SW-54-P	1.90"	(48)	6"	(152)	60"	(1,524)	0.66	(0.30)
<input type="checkbox"/>	2"	SW	20A-SW-54-P	20C-SW-54-P	2.37"	(60)	6"	(152)	60"	(1,524)	0.76	(0.35)
<input type="checkbox"/>	2-1/2"	SW	25A-SW-54-P	25C-SW-54-P	2.88"	(73)	6"	(152)	60"	(1,524)	0.92	(0.42)
<input type="checkbox"/>	3"	SW	30A-SW-54-P	30C-SW-54-P	3.50"	(89)	6"	(152)	60"	(1,524)	1.20	(0.55)
<input type="checkbox"/>	4"	SW	40A-SW-54-P	40C-SW-54-P	4.46"	(113)	6"	(152)	60"	(1,524)	1.44	(0.65)
<input type="checkbox"/>	4"	HW	40A-HW-54-P	40C-HW-54-P	4.51"	(115)	6"	(152)	60"	(1,524)	1.94	(0.88)
<input type="checkbox"/>	5"	SW	50A-SW-54-P	50C-SW-54-P	5.52"	(140)	6"	(152)	60"	(1,524)	1.80	(0.82)
<input type="checkbox"/>	5"	MW	50A-MW-54-P	50C-MW-54-P	5.57"	(141)	6"	(152)	60"	(1,524)	2.40	(1.09)
<input type="checkbox"/>	5"	HW	50A-HW-54-P	50C-HW-54-P	5.60"	(142)	6"	(152)	60"	(1,524)	2.60	(1.18)
<input type="checkbox"/>	6"	SW	60A-SW-54-P	60C-SW-54-P	6.58"	(167)	6"	(152)	60"	(1,524)	2.00	(0.91)
<input type="checkbox"/>	6"	MW	60A-MW-54-P	60C-MW-54-P	6.63"	(168)	6"	(152)	60"	(1,524)	2.84	(1.29)
<input type="checkbox"/>	6"	HW	60A-HW-54-P	60C-HW-54-P	6.66"	(169)	6"	(152)	60"	(1,524)	3.26	(1.48)