

BOX CONNECTOR

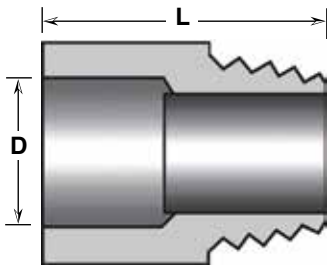
(Straight Threads)

A box connector creates a separable termination into a box. This connector has straight threads (NPS) and is supplied with a locknut. O-ring supplied upon request.

Nominal Size	Type	IPS Item No.	D	L	Weight lbs	kg
¾	SW	07E-SW-30	1.06 (27)	3 (76)	0.11	(.05)
1	SW	10E-SW-30	1.32 (34)	3 (76)	0.22	(.10)
1¼	SW	12E-SW-30	1.67 (42)	3 (76)	0.25	(.12)
1½	SW	15E-SW-30	1.91 (49)	3 (76)	0.29	(.13)
2	SW	20E-SW-30	2.40 (61)	5 (127)	0.85	(.39)
3	SW	30E-SW-30	3.52 (89)	5 (127)	1.28	(.58)
4	SW	40E-SW-30	4.47 (114)	5 (127)	2.09	(.95)
4	HW	40E-HW-30	4.52 (115)	5 (127)	2.09	(.95)
5	MW	50E-MW-30	5.59 (142)	5 (127)	2.75	(1.25)
5	HW	50E-HW-30	5.63 (143)	5 (127)	2.75	(1.25)
6	MW	60E-MW-30	6.66 (169)	5 (127)	2.97	(1.35)
6	HW	60E-HW-30	6.69 (170)	5 (127)	2.97	(1.35)

Nominal Size	Type	ID Item No.	D	L	Weight lbs	kg
2	SW	20F-SW-30	2.16 (55)	5 (127)	0.85	(.39)
2½	SW	25F-SW-30	2.66 (68)	5 (127)	0.94	(.43)
3	SW	30F-SW-30	3.16 (80)	5 (127)	1.28	(.58)
3½	SW	35F-SW-30	3.66 (93)	5 (127)	1.77	(.80)
4	SW	40F-SW-30	4.16 (106)	5 (127)	2.09	(.95)
4	HW	40F-HW-30	4.20 (107)	5 (127)	2.09	(.95)
4½	SW	45F-SW-30	4.66 (118)	5 (127)	2.40	(1.08)
4½	HW	45F-HW-30	4.70 (119)	5 (127)	2.40	(1.08)
5	MW	50F-MW-30	5.20 (132)	5 (127)	2.75	(1.25)
5	HW	50F-HW-30	5.24 (133)	5 (127)	2.75	(1.25)
6	MW	60F-MW-30	6.20 (157)	5 (127)	2.97	(1.35)
6	HW	60F-HW-30	6.24 (158)	5 (127)	2.97	(1.35)

Nominal Size	Type	Item No.	D	L	Weight lbs	kg
¾	XW	07E-XW-30	1.44 (36)	3 (76)	0.11	(0.05)
1	XW	10E-XW-30	1.70 (43)	3 (76)	0.22	(0.10)
1¼	XW	12E-XW-30	2.05 (52)	3 (76)	0.35	(0.16)
1½	XW	15E-XW-30	2.29 (58)	3 (76)	0.49	(0.22)
2	XW	20F-XW-30	2.52 (64)	5 (127)	0.85	(0.39)
3	XW	30F-XW-30	3.52 (89)	5 (127)	1.28	(0.58)
4	XW	40F-XW-30	4.52 (115)	7 (165)	2.09	(0.95)
5	XW	50F-XW-30	5.52 (140)	7 (165)	2.75	(1.25)
6	XW	60F-XW-30	6.52 (166)	7 (165)	2.97	(1.35)



MALE ADAPTER

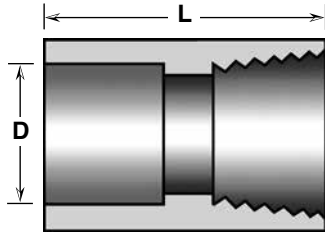
(Tapered Threads)

Male adapters with tapered threads (NPT) are generally used for joining to female threads of rigid steel, Myers type hubs or terminating into precast iron boxes with female thread entrances.

Nominal Size	Type	IPS Item No.	D	L	Weight lbs	kg
¾	SW	07E-SW-33	1.06 (27)	3 (76)	0.08	(.04)
1	SW	10E-SW-33	1.32 (34)	3 (76)	0.08	(.04)
1¼	SW	12E-SW-33	1.67 (42)	3 (76)	0.15	(.07)
1½	SW	15E-SW-33	1.91 (49)	3 (76)	0.15	(.07)
2	SW	20E-SW-33	2.40 (61)	5 (127)	0.44	(.20)
3	SW	30E-SW-33	3.52 (89)	5 (127)	0.64	(.29)
4	SW	40E-SW-33	4.47 (114)	5 (127)	0.93	(.42)
4	HW	40E-HW-33	4.52 (115)	5 (127)	0.97	(.44)
5	MW	50E-MW-33	5.59 (142)	5 (127)	1.30	(.59)
5	HW	50E-HW-33	5.63 (143)	5 (127)	1.15	(.52)
6	MW	60E-MW-33	6.66 (169)	5 (127)	1.70	(.77)
6	HW	60E-HW-33	6.69 (170)	5 (127)	1.40	(.64)

Nominal Size	Type	ID Item No.	D	L	Weight lbs	kg
2	SW	20F-SW-33	2.16 (55)	5 (127)	0.43	(.20)
2½	SW	25F-SW-33	2.66 (68)	5 (127)	0.62	(.28)
3	SW	30F-SW-33	3.16 (80)	5 (127)	0.76	(.35)
3½	SW	35F-SW-33	3.66 (93)	5 (127)	0.86	(.39)
4	SW	40F-SW-33	4.16 (106)	5 (127)	1.02	(.46)
4	HW	40F-HW-33	4.20 (107)	5 (127)	0.95	(.43)
4½	SW	45F-SW-33	4.66 (118)	5 (127)	1.22	(.55)
4½	HW	45F-HW-33	4.70 (119)	5 (127)	1.15	(.52)
5	MW	50F-MW-33	5.20 (132)	5 (127)	1.30	(.59)
5	HW	50F-HW-33	5.24 (133)	5 (127)	1.18	(.54)
6	MW	60F-MW-33	6.20 (157)	5 (127)	1.40	(.64)
6	HW	60F-HW-33	6.24 (158)	5 (127)	1.30	(.59)

Nominal Size	Type	Item No.	D	L	Weight lbs	kg
¾	XW	07E-XW-33	1.44 (36)	3 (76)	0.09	(0.04)
1	XW	10E-XW-33	1.70 (43)	3 (76)	0.19	(0.09)
1¼	XW	12E-XW-33	2.05 (52)	3 (76)	0.24	(0.11)
1½	XW	15E-XW-33	2.29 (58)	3 (76)	0.35	(0.16)
2	XW	20F-XW-33	2.52 (64)	5 (127)	0.69	(0.31)
2½	XW	25F-XW-33	3.03 (77)	5 (127)	0.85	(0.38)
3	XW	30F-XW-33	3.52 (89)	5 (127)	1.00	(0.45)
3½	XW	35F-XW-33	4.03 (102)	5 (127)	1.28	(0.58)
4	XW	40F-XW-33	4.52 (115)	7 (178)	1.56	(0.71)
5	XW	50F-XW-33	5.52 (140)	7 (178)	2.08	(0.94)
6	XW	60F-XW-33	6.52 (166)	7 (178)	2.47	(1.12)



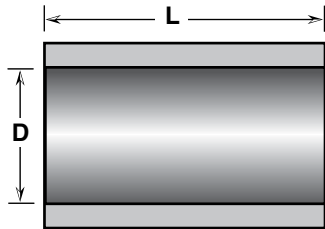
FEMALE TERMINAL ADAPTER

This adapter is generally used for joining phenolic conduit with galvanized rigid steel (GRS) conduit. It has the same threads as GRS conduit and can easily be attached to GRS conduit.

Nominal Size	Type	IPS Item No.	D	L	Weight lbs	kg
¾	SW	07E-SW-32	1.06 (27)	3 (76)	0.07	(0.03)
1	SW	10E-SW-32	1.32 (34)	3 (76)	0.13	(0.06)
1¼	SW	12E-SW-32	1.67 (42)	3 (76)	0.18	(0.08)
1½	SW	15E-SW-32	1.91 (49)	3 (76)	0.21	(0.10)
2	SW	20E-SW-32	2.40 (61)	5 (127)	0.47	(0.21)
3	SW	30E-SW-32	3.52 (89)	5 (127)	0.80	(0.36)
4	SW	40E-SW-32	4.47 (114)	5 (127)	1.05	(0.48)
4	HW	40E-HW-32	4.52 (115)	5 (127)	1.00	(0.45)
5	MW	50E-MW-32	5.59 (142)	5 (127)	1.05	(0.48)
5	HW	50E-HW-32	5.63 (143)	5 (127)	1.00	(0.45)
6	MW	60E-MW-32	6.66 (169)	5 (127)	1.10	(0.50)
6	HW	60E-HW-32	6.69 (170)	5 (127)	1.05	(0.48)

Nominal Size	Type	ID Item No.	D	L	Weight lbs	kg
2	SW	20F-SW-32	2.16 (55)	5 (127)	0.75	(0.34)
2½	SW	25F-SW-32	2.66 (55)	5 (127)	1.00	(0.45)
3	SW	30F-SW-32	3.16 (80)	5 (127)	1.08	(0.49)
3½	SW	35F-SW-32	3.66 (93)	5 (127)	1.18	(0.54)
4	SW	40F-SW-32	4.16 (106)	5 (127)	1.25	(0.57)
4	HW	40F-HW-32	4.20 (107)	5 (127)	1.08	(0.49)
4½	SW	45F-SW-32	4.66 (118)	5 (127)	1.50	(0.68)
4½	HW	45F-HW-32	4.70 (119)	5 (127)	1.40	(0.64)
5	MW	50F-MW-32	5.20 (132)	5 (127)	1.75	(0.80)
5	HW	50F-HW-32	5.24 (133)	5 (127)	1.65	(0.75)
6	MW	60F-MW-32	6.20 (157)	5 (127)	2.00	(0.91)
6	HW	60F-HW-32	6.24 (158)	5 (127)	1.83	(0.83)

Nominal Size	Type	Item No.	D	L	Weight lbs	kg
¾	XW	07E-XW-32	1.44 (36)	3 (76)	0.30	(0.14)
1	XW	10E-XW-32	1.70 (43)	3 (76)	0.38	(0.17)
1¼	XW	12E-XW-32	2.05 (52)	3 (76)	0.45	(0.20)
1½	XW	15E-XW-32	2.29 (58)	3 (76)	0.60	(0.27)
2	XW	20F-XW-32	2.52 (64)	5 (127)	1.20	(0.55)
2½	XW	25F-XW-32	3.03 (77)	5 (127)	0.85	(0.38)
3	XW	30F-XW-32	3.52 (89)	5 (127)	1.40	(0.64)
3½	XW	35F-XW-32	4.03 (102)	5 (127)	1.28	(0.58)
4	XW	40F-XW-32	4.52 (115)	7 (178)	2.08	(0.94)
5	XW	50F-XW-32	5.52 (140)	7 (178)	2.60	(1.18)
6	XW	60F-XW-32	6.52 (166)	7 (178)	3.51	(1.59)

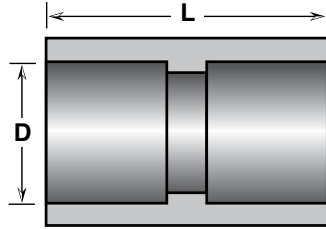


SLEEVE COUPLING

Nominal Size	Type	IPS Item No.	D	L	Weight lbs	kg
¾	SW	07E-SW-42	1.06 (27)	6 (152)	0.06	(0.03)
1	SW	10E-SW-42	1.32 (34)	6 (152)	0.08	(0.04)
1¼	SW	12E-SW-42	1.67 (42)	6 (152)	0.10	(0.05)
1½	SW	15E-SW-42	1.91 (49)	6 (152)	0.11	(0.05)
2	SW	20E-SW-42	2.40 (61)	6 (152)	0.20	(0.09)
3	SW	30E-SW-42	3.52 (89)	6 (152)	0.30	(0.14)
4	SW	40E-SW-42	4.47 (114)	6 (152)	0.36	(0.16)
4	HW	40E-HW-42	4.52 (115)	6 (152)	0.50	(0.23)
5	MW	50E-MW-42	5.59 (142)	6 (152)	0.60	(0.27)
5	HW	50E-HW-42	5.63 (143)	6 (152)	0.70	(0.32)
6	MW	60E-MW-42	6.66 (169)	6 (152)	0.80	(0.36)
6	HW	60E-HW-42	6.69 (170)	6 (152)	0.90	(0.41)

Nominal Size	Type	ID Item No.	D	L	Weight lbs	kg
2	SW	20F-SW-42	2.16 (55)	6 (152)	0.17	(0.08)
2½	SW	25F-SW-42	2.66 (68)	6 (152)	0.21	(0.10)
3	SW	30F-SW-42	3.16 (80)	6 (152)	0.24	(0.11)
3½	SW	35F-SW-42	3.66 (93)	6 (152)	0.32	(0.15)
4	SW	40F-SW-42	4.16 (106)	6 (152)	0.35	(0.16)
4	HW	40F-HW-42	4.20 (107)	6 (152)	0.46	(0.21)
4½	SW	45F-SW-42	4.66 (118)	6 (152)	0.38	(0.17)
4½	HW	45F-HW-42	4.70 (119)	6 (152)	0.54	(0.25)
5	MW	50F-MW-42	5.20 (132)	6 (152)	0.60	(0.27)
5	HW	50F-HW-42	5.24 (133)	6 (152)	0.70	(0.32)
6	MW	60F-MW-42	6.20 (157)	6 (152)	0.83	(0.38)
6	HW	60F-HW-42	6.24 (158)	6 (152)	1.15	(0.52)

Nominal Size	Type	Item No.	D	L	Weight lbs	kg
¾	XW	07E-XW-42	1.44 (36)	6 (152)	0.22	(0.10)
1	XW	10E-XW-42	1.70 (43)	6 (152)	0.29	(0.13)
1¼	XW	12E-XW-42	2.05 (52)	6 (152)	0.36	(0.16)
1½	XW	15E-XW-42	2.29 (58)	6 (152)	0.39	(0.18)
2	XW	20F-XW-42	2.52 (64)	6 (152)	0.53	(0.24)
2½	XW	25F-XW-42	3.03 (77)	6 (152)	0.77	(0.35)
3	XW	30F-XW-42	3.52 (89)	6 (152)	0.75	(0.34)
3½	XW	35F-XW-42	4.03 (102)	6 (152)	1.12	(0.51)
4	XW	40F-XW-42	4.52 (115)	10 (254)	1.50	(0.68)
5	XW	50F-XW-42	5.52 (140)	10 (254)	2.08	(0.94)
6	XW	60F-XW-42	6.52 (166)	10 (254)	2.50	(1.13)



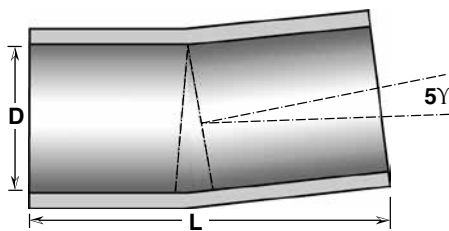
STOP COUPLING

Stop coupling is sometimes referred to as a double bell coupling.

Nominal Size	Type	IPS Item No.	D		Weight	
			lbs	kg	lbs	kg
3/4	SW	07E-SW-40	1.06	(27)	6	0.07 (0.03)
1	SW	10E-SW-40	1.32	(34)	6	0.08 (0.04)
1 1/4	SW	12E-SW-40	1.67	(42)	6	0.09 (0.04)
1 1/2	SW	15E-SW-40	1.91	(49)	6	0.11 (0.05)
2	SW	20E-SW-40	2.40	(61)	6	0.20 (0.10)
3	SW	30E-SW-40	3.52	(89)	6	0.30 (0.14)
4	SW	40E-SW-40	4.47	(114)	6	0.43 (0.20)
4	HW	40E-HW-40	4.52	(115)	6	0.58 (0.26)
5	MW	50E-MW-40	5.59	(142)	6	0.70 (0.31)
5	HW	50E-HW-40	5.63	(143)	6	0.90 (0.41)
6	MW	60E-MW-40	6.66	(169)	6	0.85 (0.39)
6	HW	60E-HW-40	6.69	(170)	6	0.95 (0.43)

Nominal Size	Type	ID Item No.	D		Weight	
			lbs	kg	lbs	kg
2	SW	20F-SW-40	2.16	(55)	6	0.20 (0.09)
2 1/2	SW	25F-SW-40	2.66	(68)	6	0.25 (0.11)
3	SW	30F-SW-40	3.16	(80)	6	0.30 (0.14)
3 1/2	SW	35F-SW-40	3.66	(93)	6	0.35 (0.16)
4	SW	40F-SW-40	4.16	(106)	6	0.40 (0.18)
4	HW	40F-HW-40	4.20	(107)	6	0.54 (0.25)
4 1/2	SW	45F-SW-40	4.66	(118)	6	0.45 (0.20)
4 1/2	HW	45F-HW-40	4.70	(119)	6	0.60 (0.27)
5	MW	50F-MW-40	5.20	(132)	6	0.68 (0.31)
5	HW	50F-HW-40	5.24	(133)	6	0.80 (0.36)
6	MW	60F-MW-40	6.20	(157)	6	0.80 (0.36)
6	HW	60F-HW-40	6.24	(158)	6	0.92 (0.42)

Nominal Size	Type	Item No.	D		Weight	
			lbs	kg	lbs	kg
3/4	XW	07E-XW-40	1.44	(36)	6	0.22 (0.10)
1	XW	10E-XW-40	1.70	(43)	6	0.29 (0.13)
1 1/4	XW	12E-XW-40	2.05	(52)	6	0.36 (0.16)
1 1/2	XW	15E-XW-40	2.29	(58)	6	0.39 (0.18)
2	XW	20F-XW-40	2.52	(64)	6	0.65 (0.29)
2 1/2	XW	25F-XW-40	3.03	(77)	6	0.77 (0.35)
3	XW	30F-XW-40	3.52	(89)	6	0.95 (0.43)
3 1/2	XW	35F-XW-40	4.03	(102)	6	1.12 (0.51)
4	XW	40F-XW-40	4.52	(115)	10	2.00 (0.91)
5	XW	50F-XW-40	5.52	(140)	10	2.50 (1.13)
6	XW	60F-XW-40	6.52	(166)	10	2.90 (1.32)



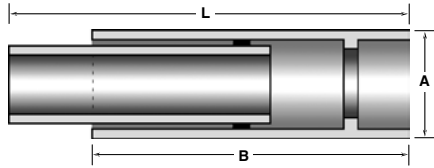
5° DOUBLE BELL COUPLING

Other angles can also be manufactured, such as 2.5° etc. Please contact factory for consultation.

Nominal Size	Type	IPS Item No.	D		Weight	
			lbs	kg	lbs	kg
3/4	SW	07E-SW-44	1.06	(27)	6	0.07 (0.03)
1	SW	10E-SW-44	1.32	(34)	6	0.09 (0.04)
1 1/4	SW	12E-SW-44	1.67	(42)	6	0.11 (0.05)
1 1/2	SW	15E-SW-44	1.91	(49)	6	0.13 (0.06)
2	SW	20E-SW-44	2.40	(61)	6	0.22 (0.10)
3	SW	30E-SW-44	3.52	(89)	6	0.32 (0.46)
4	SW	40E-SW-44	4.47	(114)	6	0.40 (0.18)
4	HW	40E-HW-44	4.52	(115)	6	0.60 (0.27)
5	MW	50E-MW-44	5.59	(142)	6	0.65 (0.30)
5	HW	50E-HW-44	5.63	(143)	6	0.75 (0.34)
6	MW	60E-MW-44	6.66	(169)	6	0.85 (0.39)
6	HW	60E-HW-44	6.69	(170)	6	0.95 (0.43)

Nominal Size	Type	ID Item No.	D		Weight	
			lbs	kg	lbs	kg
2	SW	20F-SW-44	2.16	(55)	6	0.18 (0.08)
2 1/2	SW	25F-SW-44	2.66	(68)	6	0.22 (0.10)
3	SW	30F-SW-44	3.16	(80)	6	0.25 (0.11)
3 1/2	SW	35F-SW-44	3.66	(93)	6	0.32 (0.15)
4	SW	40F-SW-44	4.16	(106)	6	0.36 (0.16)
4	HW	40F-HW-44	4.20	(107)	6	0.48 (0.22)
4 1/2	SW	45F-SW-44	4.66	(118)	6	0.40 (0.18)
4 1/2	HW	45F-HW-44	4.70	(119)	6	0.56 (0.25)
5	MW	50F-MW-44	5.20	(132)	6	0.63 (0.29)
5	HW	50F-HW-44	5.24	(133)	6	0.73 (0.33)
6	MW	60F-MW-44	6.20	(157)	6	0.85 (0.39)
6	HW	60F-HW-44	6.24	(158)	6	1.20 (0.55)

Nominal Size	Type	Item No.	D		Weight	
			lbs	kg	lbs	kg
3/4	XW	07E-XW-44	1.44	(36)	6	0.22 (0.10)
1	XW	10E-XW-44	1.70	(43)	6	0.29 (0.13)
1 1/4	XW	12E-XW-44	2.05	(52)	6	0.36 (0.16)
1 1/2	XW	15E-XW-44	2.29	(58)	6	0.39 (0.18)
2	XW	20F-XW-44	2.52	(64)	6	0.55 (0.25)
2 1/2	XW	25F-XW-44	3.03	(77)	6	0.77 (0.35)
3	XW	30F-XW-44	3.52	(89)	6	0.89 (0.40)
3 1/2	XW	35F-XW-44	4.03	(102)	6	1.02 (0.51)
4	XW	40F-XW-44	4.52	(115)	10	1.53 (0.67)
5	XW	50F-XW-44	5.52	(140)	10	2.17 (0.98)
6	XW	60F-XW-44	6.52	(166)	10	2.55 (1.16)

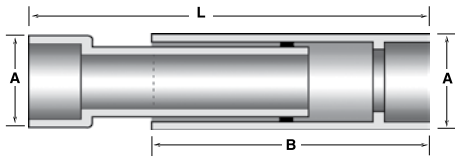


SINGLE EXPANSION JOINT SOCKET X SPIGOT WITH O-RING

Installation of Expansion Joints:

- When the duct is shorter than 100 ft., no Expansion Joint needed
- When the duct is between 100 ft. up to 300 ft., install one Expansion Joint at the mid point
- If the duct is longer than 300 ft., install one Expansion Joint every 300 ft. apart

Note: All Expansion Joints have a yellow line on the nipple end of the joint for proper installation.



SINGLE EXPANSION JOINT SOCKET X SOCKET WITH O-RING

Installation of Expansion Joints:

- When the duct is shorter than 100 ft., no Expansion Joint needed
- When the duct is between 100 ft. up to 300 ft., install one Expansion Joint at the mid point
- If the duct is longer than 300 ft., install one Expansion Joint every 300 ft. apart

Note: All Expansion Joints have a yellow line on the nipple end of the joint for proper installation.

Nominal Size	Type	IPS Item No.	A	B	L - Min	L - Max	Weight lbs	kg
¾	SW	07E-SW-36	1.20 (30)	12 (305)	15 (381)	23 (584)	0.39	(0.18)
1	SW	10E-SW-36	1.46 (37)	12 (305)	15 (381)	23 (584)	0.44	(0.20)
1¼	SW	12E-SW-36	1.81 (46)	12 (305)	15 (381)	23 (584)	0.53	(0.24)
1½	SW	15E-SW-36	2.04 (52)	12 (305)	15 (381)	23 (584)	0.76	(0.35)
2	SW	20E-SW-36	2.54 (65)	12 (305)	15 (381)	23 (584)	0.87	(0.40)
3	SW	30E-SW-36	3.66 (93)	12 (305)	15 (381)	23 (584)	1.38	(0.63)
4	SW	40E-SW-36	4.61 (117)	12 (305)	15 (381)	23 (584)	1.66	(0.75)
4	HW	40E-HW-36	4.69 (119)	12 (305)	15 (381)	23 (584)	2.23	(1.01)
5	MW	50E-MW-36	5.79 (147)	12 (305)	15 (381)	23 (584)	2.76	(1.25)
5	HW	50E-HW-36	5.85 (149)	12 (305)	15 (381)	23 (584)	2.99	(1.36)
6	MW	60E-MW-36	6.85 (174)	12 (305)	15 (381)	23 (584)	3.27	(1.49)
6	HW	60E-HW-36	6.91 (176)	12 (305)	15 (381)	23 (584)	3.75	(1.70)

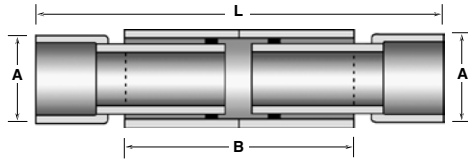
Nominal Size	Type	ID Item No.	A	B	L - Min	L - Max	Weight lbs	kg
2	SW	20F-SW-36	2.30 (58)	12 (305)	15 (381)	23 (584)	0.78	(0.35)
2½	SW	25F-SW-36	2.80 (71)	12 (305)	15 (381)	23 (584)	0.97	(0.44)
3	SW	30F-SW-36	3.30 (84)	12 (305)	15 (381)	23 (584)	1.10	(0.50)
3½	SW	35F-SW-36	3.80 (96)	12 (305)	15 (381)	23 (584)	1.38	(0.63)
4	SW	40F-SW-36	4.30 (109)	12 (305)	15 (381)	23 (584)	1.59	(0.72)
4	HW	40F-HW-36	4.39 (111)	12 (305)	15 (381)	23 (584)	2.12	(0.96)
4½	SW	45F-SW-36	4.80 (122)	12 (305)	15 (381)	23 (584)	1.73	(0.79)
4½	HW	45F-HW-36	4.89 (124)	12 (305)	15 (381)	23 (584)	2.39	(1.09)
5	MW	50F-MW-36	5.39 (137)	12 (305)	15 (381)	23 (584)	2.60	(1.18)
5	HW	50F-HW-36	5.42 (138)	12 (305)	15 (381)	23 (584)	3.04	(1.38)
6	MW	60F-MW-36	6.39 (162)	12 (305)	15 (381)	23 (584)	3.11	(1.41)
6	HW	60F-HW-36	6.42 (163)	12 (305)	15 (381)	23 (584)	3.63	(1.65)

Nominal Size	Type	Item No.	A	B	L - Min	L - Max	Weight lbs	kg
¾	XW	07E-XW-36	1.94 (54)	12 (305)	15 (381)	23 (584)	1.40	(0.64)
1	XW	10E-XW-36	2.20 (61)	12 (305)	15 (381)	23 (584)	1.57	(0.71)
1¼	XW	12E-XW-36	2.55 (65)	12 (305)	15 (381)	23 (584)	1.89	(0.86)
1½	XW	15E-XW-36	2.79 (71)	12 (305)	15 (381)	23 (584)	2.72	(1.23)
2	XW	20F-XW-36	3.00 (76)	12 (305)	15 (381)	23 (584)	2.90	(1.32)
2½	XW	25F-XW-36	3.53 (90)	12 (305)	15 (381)	23 (584)	3.56	(1.61)
3	XW	30F-XW-36	4.00 (102)	12 (305)	15 (381)	23 (584)	4.19	(1.90)
3½	XW	35F-XW-36	4.53 (115)	12 (305)	15 (381)	23 (584)	4.83	(2.19)
4	XW	40F-XW-36	5.00 (127)	14 (356)	19 (482)	27 (686)	6.42	(2.92)
5	XW	50F-XW-36	6.00 (152)	14 (356)	19 (482)	27 (686)	7.94	(3.60)
6	XW	60F-XW-36	7.00 (178)	14 (356)	19 (482)	27 (686)	10.06	(4.57)

Nominal Size	Type	IPS Item No.	A	B	L - Min	L - Max	Weight lbs	kg
¾	SW	07E-SW-37	1.20 (30)	12 (305)	18 (457)	26 (660)	0.49	(0.22)
1	SW	10E-SW-37	1.46 (37)	12 (305)	18 (457)	26 (660)	0.55	(0.25)
1¼	SW	12E-SW-37	1.81 (46)	12 (305)	18 (457)	26 (660)	0.66	(0.30)
1½	SW	15E-SW-37	2.04 (52)	12 (305)	18 (457)	26 (660)	0.76	(0.35)
2	SW	20E-SW-37	2.54 (65)	12 (305)	18 (457)	26 (660)	1.09	(0.50)
3	SW	30E-SW-37	3.66 (93)	12 (305)	18 (457)	26 (660)	1.73	(0.79)
4	SW	40E-SW-37	4.61 (117)	12 (305)	18 (457)	26 (660)	2.07	(0.94)
4	HW	40E-HW-37	4.69 (119)	12 (305)	18 (457)	26 (660)	2.79	(1.27)
5	MW	50E-MW-37	5.79 (147)	12 (305)	18 (457)	26 (660)	3.45	(1.57)
5	HW	50E-HW-37	5.85 (149)	12 (305)	18 (457)	26 (660)	3.74	(1.70)
6	MW	60E-MW-37	6.85 (174)	12 (305)	18 (457)	26 (660)	4.08	(1.85)
6	HW	60E-HW-37	6.91 (176)	12 (305)	18 (457)	26 (660)	4.69	(2.13)

Nominal Size	Type	ID Item No.	A	B	L - Min	L - Max	Weight lbs	kg
2	SW	20F-SW-37	2.30 (58)	12 (305)	18 (457)	26 (660)	0.98	(0.45)
2½	SW	25F-SW-37	2.80 (71)	12 (305)	18 (457)	26 (660)	1.21	(0.55)
3	SW	30F-SW-37	3.30 (84)	12 (305)	18 (457)	26 (660)	1.38	(0.63)
3½	SW	35F-SW-37	3.80 (96)	12 (305)	18 (457)	26 (660)	1.73	(0.79)
4	SW	40F-SW-37	4.30 (109)	12 (305)	18 (457)	26 (660)	1.98	(0.90)
4	HW	40F-HW-37	4.39 (111)	12 (305)	18 (457)	26 (660)	2.65	(1.20)
4½	SW	45F-SW-37	4.80 (122)	12 (305)	18 (457)	26 (660)	2.16	(0.98)
4½	HW	45F-HW-37	4.89 (124)	12 (305)	18 (457)	26 (660)	2.99	(1.36)
5	MW	50F-MW-37	5.39 (137)	12 (305)	18 (457)	26 (660)	3.25	(1.48)
5	HW	50F-HW-37	5.42 (138)	12 (305)	18 (457)	26 (660)	3.80	(1.73)
6	MW	60F-MW-37	6.39 (162)	12 (305)	18 (457)	26 (660)	3.88	(1.76)
6	HW	60F-HW-37	6.42 (163)	12 (305)	18 (457)	26 (660)	4.54	(2.06)

Nominal Size	Type	Item No.	A	B	L - Min	L - Max	Weight lbs	kg
¾	XW	07E-XW-37	1.94 (54)	12 (305)	15 (381)	23 (584)	1.76	(0.80)
1	XW	10E-XW-37	2.20 (61)	12 (305)	15 (381)	23 (584)	1.97	(0.89)
1¼	XW	12E-XW-37	2.55 (65)	12 (305)	15 (381)	23 (584)	2.35	(1.07)
1½	XW	15E-XW-37	2.79 (71)	12 (305)	15 (381)	23 (584)	2.72	(1.23)
2	XW	20F-XW-37	3.00 (76)	12 (305)	18 (457)	26 (660)	3.62	(1.64)
3	XW	30F-XW-37	4.00 (102)	12 (305)	18 (457)	26 (660)	5.23	(2.37)
4	XW	40F-XW-37	5.00 (127)	14 (356)	22 (559)	32 (812)	7.89	(3.58)
5	XW	50F-XW-37	6.00 (152)	14 (356)	22 (559)	32 (812)	9.75	(4.43)
6	XW	60F-XW-37	7.00 (178)	14 (356)	22 (559)	32 (812)	12.08	(5.48)
8	XW	80E-XW-37	9.42 (239)	14 (356)	22 (559)	32 (812)	16.56	(7.52)



DOUBLE EXPANSION JOINT WITH O-RING

Double expansion joint is sometimes referred to as back-to-back expansion joint.

Installation of Expansion Joints:

- When the duct is shorter than 100 ft., no Expansion Joint needed
- When the duct is between 100 ft. up to 300 ft., install one Expansion Joint at the mid point
- If the duct is longer than 300 ft., install one Expansion Joint every 300 ft. apart

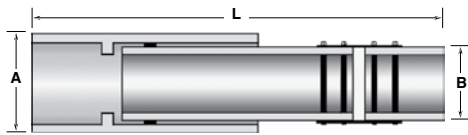
Note: All Expansion Joints have a yellow line on the nipple end of the joint for proper installation.

Nominal Size	Type	IPS Item No.	A	B	L - Min	L - Max	Weight lbs	kg
¾	SW	07E-SW-39	1.20 (30)	17 (432)	29 (737)	45 (1143)	0.84 (0.38)	
1	SW	10E-SW-39	1.46 (37)	17 (432)	29 (737)	45 (1143)	0.94 (0.43)	
1¼	SW	12E-SW-39	1.81 (46)	17 (432)	29 (737)	45 (1143)	1.14 (0.52)	
1½	SW	15E-SW-39	2.04 (52)	17 (432)	29 (737)	45 (1143)	1.63 (0.74)	
2	SW	20E-SW-39	2.54 (65)	17 (432)	29 (737)	45 (1143)	1.88 (0.85)	
3	SW	30E-SW-39	3.66 (93)	17 (432)	29 (737)	45 (1143)	2.97 (1.35)	
4	SW	40E-SW-39	4.61 (117)	17 (432)	29 (737)	45 (1143)	3.56 (1.62)	
4	HW	40E-HW-39	4.69 (119)	17 (432)	29 (737)	45 (1143)	4.80 (2.18)	
5	MW	50E-MW-39	5.79 (147)	17 (432)	29 (737)	45 (1143)	5.94 (2.70)	
5	HW	50E-HW-39	5.85 (149)	17 (432)	29 (737)	45 (1143)	6.44 (2.92)	
6	MW	60E-MW-39	6.85 (174)	17 (432)	29 (737)	45 (1143)	7.03 (3.19)	
6	HW	60E-HW-39	6.91 (176)	17 (432)	29 (737)	45 (1143)	8.07 (3.66)	

Nominal Size	Type	ID Item No.	A	B	L - Min	L - Max	Weight lbs	kg
2	SW	20F-SW-39	2.30 (58)	17 (432)	29 (737)	45 (1143)	1.68 (0.76)	
2½	SW	25F-SW-39	2.80 (71)	17 (432)	29 (737)	45 (1143)	2.08 (0.94)	
3	SW	30F-SW-39	3.30 (84)	17 (432)	29 (737)	45 (1143)	2.38 (1.08)	
3½	SW	35F-SW-39	3.80 (96)	17 (432)	29 (737)	45 (1143)	2.97 (1.35)	
4	SW	40F-SW-39	4.30 (109)	17 (432)	29 (737)	45 (1143)	3.42 (1.55)	
4	HW	40F-HW-39	4.39 (111)	17 (432)	29 (737)	45 (1143)	4.55 (2.07)	
4½	SW	45F-SW-39	4.80 (122)	17 (432)	29 (737)	45 (1143)	3.71 (1.68)	
4½	HW	45F-HW-39	4.89 (124)	17 (432)	29 (737)	45 (1143)	5.15 (2.34)	
5	MW	50F-MW-39	5.39 (137)	17 (432)	29 (737)	45 (1143)	5.59 (2.54)	
5	HW	50F-HW-39	5.42 (138)	17 (432)	29 (737)	45 (1143)	6.53 (2.97)	
6	MW	60F-MW-39	6.39 (162)	17 (432)	29 (737)	45 (1143)	6.68 (3.03)	
6	HW	60F-HW-39	6.42 (163)	17 (432)	29 (737)	45 (1143)	7.82 (3.55)	

Nominal Size	Type	Item No.	A	B	L - Min	L - Max	Weight lbs	kg
¾	XW	07E-XW-39	1.94 (54)	17 (432)	29 (737)	45 (1143)	3.01 (1.37)	
1	XW	10E-XW-39	2.20 (61)	17 (432)	29 (737)	45 (1143)	3.36 (1.53)	
1¼	XW	12E-XW-39	2.55 (65)	17 (432)	29 (737)	45 (1143)	4.06 (1.84)	
1½	XW	15E-XW-39	2.79 (71)	17 (432)	29 (737)	45 (1143)	5.83 (2.65)	
2	XW	20F-XW-39	3.00 (76)	17 (432)	29 (737)	45 (1143)	6.24 (2.83)	
2½	XW	25F-XW-39	3.53 (90)	17 (432)	29 (737)	45 (1143)	7.63 (3.46)	
3	XW	30F-XW-39	4.00 (102)	17 (432)	29 (737)	45 (1143)	9.01 (4.09)	
3½	XW	35F-XW-39	4.53 (115)	17 (432)	29 (737)	45 (1143)	10.42 (4.72)	
4	XW	40F-XW-39	5.00 (127)	17 (432)	29 (737)	45 (1143)	11.78 (5.35)	
5	XW	50F-XW-39	6.00 (152)	17 (432)	29 (737)	45 (1143)	14.55 (6.61)	
6	XW	60F-XW-39	7.00 (178)	17 (432)	29 (737)	45 (1143)	19.25 (8.74)	

Nominal Size	Type	IPS Item No.	A	B	L - Min	L - Max	Weight lbs	kg
¾	SW	07E-SW-31	1.20 (30)	1.1 (27)	37 (940)	51 (1295)	1.19 (0.54)	
1	SW	10E-SW-31	1.46 (37)	1.3 (34)	37 (940)	51 (1295)	1.33 (0.60)	
1¼	SW	12E-SW-31	1.81 (46)	1.7 (42)	37 (940)	51 (1295)	1.61 (0.73)	
1½	SW	15E-SW-31	2.04 (52)	1.9 (49)	37 (940)	51 (1295)	2.31 (1.05)	
2	SW	20E-SW-31	2.54 (65)	2.4 (61)	37 (940)	51 (1295)	2.66 (1.21)	
3	SW	30E-SW-31	3.66 (93)	3.5 (89)	37 (940)	51 (1295)	4.20 (1.91)	
4	SW	40E-SW-31	4.61 (117)	4.5 (114)	37 (940)	51 (1295)	5.04 (2.29)	
4	HW	40E-HW-31	4.69 (119)	4.5 (115)	37 (940)	51 (1295)	6.79 (3.08)	
5	MW	50E-MW-31	5.79 (147)	5.6 (142)	37 (940)	51 (1295)	8.40 (3.81)	
5	HW	50E-HW-31	5.85 (149)	5.6 (143)	37 (940)	51 (1295)	9.10 (4.13)	
6	MW	60E-MW-31	6.85 (174)	6.6 (167)	37 (940)	51 (1295)	9.94 (4.51)	
6	HW	60E-HW-31	6.91 (176)	6.6 (168)	37 (940)	51 (1295)	11.41 (5.18)	



ALIGNMENT/EXPANSION FITTING, WITH O-RINGS

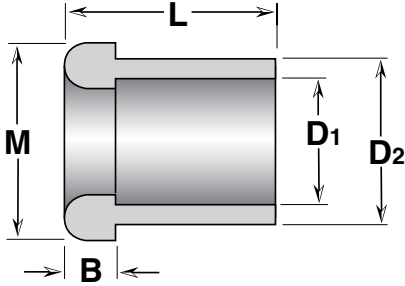
Alignment/Expansion fitting is sometimes referred to as an Expansion/Deflection joint.

[The clamps holding the rubber sleeve connecting the two nipples are made from stainless steel for corrosion protection.]

Same instructions & note as above

Nominal Size	Type	ID Item No.	A	B	L - Min	L - Max	Weight lbs	kg
2	SW	20F-SW-31	2.30 (58)	2.2 (55)	37 (940)	51 (1295)	2.38 (1.08)	
2½	SW	25F-SW-31	2.80 (71)	2.7 (68)	37 (940)	51 (1295)	2.94 (1.34)	
3	SW	30F-SW-31	3.30 (84)	3.2 (80)	37 (940)	51 (1295)	3.36 (1.53)	
3½	SW	35F-SW-31	3.80 (96)	3.7 (93)	37 (940)	51 (1295)	4.20 (1.97)	
4	SW	40F-SW-31	4.30 (109)	4.2 (106)	37 (940)	51 (1295)	4.83 (2.19)	
4	HW	40F-HW-31	4.39 (111)	4.2 (107)	37 (940)	51 (1295)	6.44 (2.92)	
4½	SW	45F-SW-31	4.80 (122)	4.7 (118)	37 (940)	51 (1295)	5.25 (2.38)	
4½	HW	45F-HW-31	4.89 (124)	4.7 (119)	37 (940)	51 (1295)	7.28 (3.31)	
5	MW	50F-MW-31	5.39 (137)	5.2 (132)	37 (940)	51 (1295)	7.91 (3.59)	
5	HW	50F-HW-31	5.42 (138)	5.2 (133)	37 (940)	51 (1295)	9.24 (4.20)	
6	MW	60F-MW-31	6.39 (162)	6.2 (157)	37 (940)	51 (1295)	9.45 (4.29)	
6	HW	60F-HW-31	6.42 (163)	6.2 (158)	37 (940)	51 (1295)	11.06 (5.02)	

Nominal Size	Type	Item No.	A	B	L - Min	L - Max	Weight lbs	kg
¾	XW	07E-XW-31	1.94 (54)	1.410 (36)	37 (940)	51 (1295)	4.27 (1.94)	
1	XW	10E-XW-31	2.20 (61)	1.675 (43)	37 (940)	51 (1295)	4.76 (2.16)	
1¼	XW	12E-XW-31	2.55 (65)	2.020 (51)	37 (940)	51 (1295)	5.74 (2.60)	
1½	XW	15E-XW-31	2.79 (71)	2.260 (57)	37 (940)	51 (1295)	8.26 (3.75)	
2	XW	20F-XW-31	3.00 (76)	2.500 (64)	37 (940)	51 (1295)	8.82 (4.00)	
2½	XW	25F-XW-31	3.53 (90)	3.000 (76)	37 (940)	51 (1295)	10.78 (4.89)	
3	XW	30F-XW-31	4.00 (102)	3.500 (89)	37 (940)	51 (1295)	12.74 (5.78)	
3½	XW	35F-XW-31	4.53 (115)	4.000 (102)	37 (940)	51 (1295)	14.70 (6.67)	
4	XW	40F-XW-31	5.00 (127)	4.500 (114)	37 (940)	51 (1295)	16.66 (7.56)	
5	XW	50F-XW-31	6.00 (152)	5.500 (140)	37 (940)	51 (1295)	20.58 (9.34)	
6	XW	60F-XW-31	7.00 (178)	6.500 (165)	37 (940)	51 (1295)	24.50 (11.12)	



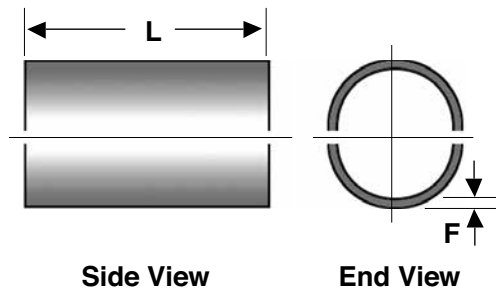
END BELLS-SOCKET TYPE

End bells are used for creating a permanent termination into a box as well as having a smooth surface that the cable can be pulled over.

Nominal Size	Type	IPS Item No.	D1	D2	L	M	Weight lbs	kg
¾	SW	07E-SW-29	1.06 (27)	1.20 (30)	1.60 (41)	1.50 (38)	0.10	(0.05)
1	SW	10E-SW-29	1.32 (34)	1.46 (37)	1.60 (41)	1.80 (46)	0.10	(0.05)
1¼	SW	12E-SW-29	1.67 (42)	1.81 (46)	1.60 (41)	2.20 (56)	0.15	(0.07)
1½	SW	15E-SW-29	1.91 (49)	2.04 (52)	1.60 (41)	2.40 (61)	0.20	(0.09)
2	SW	20E-SW-29	2.40 (61)	2.54 (61)	3.00 (76)	2.94 (75)	0.40	(0.18)
3	SW	30E-SW-29	3.52 (89)	3.66 (93)	3.00 (76)	4.06 (103)	0.45	(0.20)
4	SW	40E-SW-29	4.47 (114)	4.61 (117)	3.00 (76)	5.01 (127)	0.80	(0.36)
4	HW	40E-HW-29	4.52 (115)	4.69 (119)	3.00 (76)	5.09 (129)	0.85	(0.38)
5	MW	50E-MW-29	5.59 (142)	5.79 (147)	3.00 (76)	6.19 (157)	0.95	(0.43)
5	HW	50E-HW-29	5.63 (143)	5.85 (149)	3.00 (76)	6.25 (159)	1.00	(0.45)
6	MW	60E-MW-29	6.66 (169)	6.79 (172)	3.00 (76)	7.19 (183)	1.10	(0.50)
6	HW	60E-HW-29	6.69 (170)	6.85 (174)	3.00 (76)	7.25 (184)	1.15	(0.52)

Nominal Size	Type	ID Item No.	D1	D2	L	M	Weight lbs	kg
2	SW	20F-SW-29	2.16 (55)	2.30 (58)	3.00 (76)	2.70 (69)	0.40	(0.18)
2½	SW	25F-SW-29	2.66 (68)	2.80 (71)	3.00 (76)	3.20 (81)	0.45	(0.20)
3	SW	30F-SW-29	3.16 (80)	3.30 (84)	3.00 (76)	3.70 (94)	0.55	(0.25)
3½	SW	35F-SW-29	3.66 (93)	3.80 (96)	3.00 (76)	4.20 (107)	0.60	(0.27)
4	SW	40F-SW-29	4.16 (106)	4.30 (109)	3.00 (76)	4.70 (119)	0.78	(0.35)
4	HW	40F-HW-29	4.20 (107)	4.39 (111)	3.00 (76)	4.79 (122)	0.95	(0.43)
4½	SW	45F-SW-29	4.66 (118)	4.80 (122)	3.00 (76)	5.20 (132)	0.85	(0.38)
4½	HW	45F-HW-29	4.70 (119)	4.89 (124)	3.00 (76)	5.29 (134)	0.90	(0.41)
5	MW	50F-MW-29	5.20 (132)	5.39 (137)	3.00 (76)	5.79 (147)	0.85	(0.39)
5	HW	50F-HW-29	5.24 (133)	5.42 (138)	3.00 (76)	5.82 (148)	0.87	(0.40)
6	MW	60F-MW-29	6.20 (157)	6.39 (162)	3.00 (76)	6.79 (172)	1.15	(0.52)
6	HW	60F-HW-29	6.24 (158)	6.42 (163)	3.00 (76)	6.82 (173)	1.25	(0.57)

Nominal Size	Type	Item No.	D1	D2	L	M	Weight lbs	kg
¾	XW	07E-XW-29	1.44 (36)	1.935 (54)	1.60 (45)	2.48 (63)	0.63	(0.28)
1	XW	10E-XW-29	1.70 (43)	2.200 (61)	1.60 (45)	2.70 (68)	0.70	(0.32)
1¼	XW	12E-XW-29	2.05 (52)	2.545 (65)	1.60 (45)	3.11 (79)	0.85	(0.38)
1½	XW	15E-XW-29	2.29 (58)	2.785 (71)	1.60 (45)	3.35 (85)	1.22	(0.55)
2	XW	20F-XW-29	2.52 (64)	3.02 (76)	3.00 (76)	3.62 (92)	1.30	(0.59)
2½	XW	25F-XW-29	3.03 (77)	3.525 (90)	3.00 (76)	4.22 (107)	1.59	(0.72)
3	XW	30F-XW-29	3.52 (89)	4.02 (102)	3.00 (76)	4.62 (117)	1.90	(0.86)
3½	XW	35F-XW-29	4.03 (102)	4.525 (115)	3.00 (76)	5.48 (139)	2.17	(0.98)
4	XW	40F-XW-29	4.52 (115)	5.02 (128)	5.00 (127)	5.62 (143)	2.40	(1.09)
5	XW	50F-XW-29	5.52 (140)	6.02 (153)	5.00 (127)	6.62 (168)	2.42	(1.10)
6	XW	60F-XW-29	6.52 (166)	7.02 (178)	5.00 (127)	7.62 (194)	2.50	(1.13)

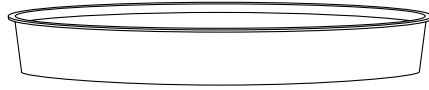


SPLIT ANCHOR RINGS

Split anchor rings are supplied in pairs and are used to create fixed points. The split anchor rings are placed around the support system, close to the mid point between two expansion joints. One pair of split anchor rings is placed on each side of the support system. Split anchor rings are bonded to the outside of the conduit with FLAME SHIELD® Mix.

Nominal Size	Type	IPS Item No.	ID Item No.	F	L	Weight lbs	kg
¾	SW	07E-SW-28	—	0.25 (6)	3.0 (76)	0.18	(0.08)
1	SW	10E-SW-28	—	0.25 (6)	3.0 (76)	0.21	(0.10)
1¼	SW	12E-SW-28	—	0.25 (6)	3.0 (76)	0.26	(0.12)
1½	SW	15E-SW-28	—	0.25 (6)	3.0 (76)	0.36	(0.16)
2	SW	20E-SW-28	20F-SW-28	0.25 (6)	3.0 (76)	0.42	(0.19)
2½	SW	25E-SW-28	25F-SW-28	0.25 (6)	3.0 (76)	0.48	(0.22)
3	SW	30E-SW-28	30F-SW-28	0.25 (6)	3.0 (76)	0.67	(0.30)
3½	SW	—	35F-SW-28	0.25 (6)	3.0 (76)	0.76	(0.34)
4	SW	40E-SW-28	40F-SW-28	0.25 (6)	3.0 (76)	0.80	(0.36)
4	HW	40E-HW-28	40F-HW-28	0.25 (6)	3.0 (76)	0.80	(0.36)
4½	SW	—	45F-SW-28	0.25 (6)	3.0 (76)	0.91	(0.41)
4½	HW	—	45F-HW-28	0.25 (6)	3.0 (76)	0.91	(0.41)
5	MW	50E-MW-28	50F-MW-28	0.25 (6)	3.0 (76)	1.06	(0.48)
5	HW	50E-HW-28	50F-HW-28	0.25 (6)	3.0 (76)	1.06	(0.48)
6	MW	60E-MW-28	60F-MW-28	0.25 (6)	3.0 (76)	1.15	(0.52)
6	HW	60E-HW-28	60F-HW-28	0.25 (6)	3.0 (76)	1.15	(0.52)

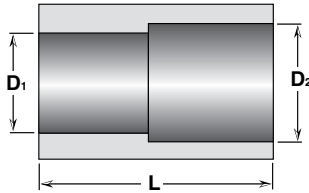
Nominal Size	Type	Item No.	F	L	Weight lbs	kg
¾	XW	07E-XW-28	0.25 (6)	3 (76)	0.25	(0.11)
1	XW	10E-XW-28	0.25 (6)	3 (76)	0.28	(0.13)
1¼	XW	12E-XW-28	0.25 (6)	3 (76)	0.34	(0.15)
1½	XW	15E-XW-28	0.25 (6)	3 (76)	0.49	(0.22)
2	XW	20F-XW-28	0.25 (6)	3 (76)	0.52	(0.24)
2½	XW	25F-XW-28	0.25 (6)	3 (76)	0.64	(0.29)
3	XW	30F-XW-28	0.25 (6)	3 (76)	0.80	(0.36)
3½	XW	35F-XW-28	0.25 (6)	3 (76)	0.87	(0.39)
4	XW	40F-XW-28	0.25 (6)	3 (76)	0.98	(0.44)
5	XW	50F-XW-28	0.25 (6)	3 (76)	1.15	(0.52)
6	XW	60F-XW-28	0.25 (6)	3 (76)	1.25	(0.57)



THERMOPLASTIC PLUG

Nominal Size	Type	IPS Item No.	ID Item No.	Weight	
				lbs	kg
¾	SW	07C-SW-26	—	0.01	(0.005)
1	SW	10C-SW-26	—	0.01	(0.005)
1¼	SW	12C-SW-26	—	0.01	(0.005)
1½	SW	15C-SW-26	—	0.01	(0.005)
2	SW	20C-SW-26	20D-SW-26	0.01	(0.005)
2½	SW	25C-SW-26	25D-SW-26	0.01	(0.005)
3	SW	30C-SW-26	30D-SW-26	0.03	(0.014)
3½	SW	—	35D-SW-26	0.03	(0.014)
4	SW	40C-SW-26	40D-SW-26	0.03	(0.014)
4	HW	40C-HW-26	40D-HW-26	0.03	(0.014)
4½	SW	—	45D-SW-26	0.05	(0.023)
4½	HW	—	45D-HW-26	0.05	(0.023)
5	MW	50C-MW-26	50D-MW-26	0.06	(0.027)
5	HW	50C-HW-26	50D-HW-26	0.06	(0.027)
6	MW	60C-MW-26	60D-MW-26	0.07	(0.032)
6	HW	60C-HW-26	60D-HW-26	0.07	(0.032)

Nominal Size	Type	Item No.	Weight	
			lbs	kg
¾	XW	07C-XW-26	0.01	(0.005)
1	XW	10C-XW-26	0.01	(0.005)
1¼	XW	12C-XW-26	0.01	(0.005)
1½	XW	15C-XW-26	0.01	(0.005)
2	XW	20D-XW-26	0.01	(0.005)
2½	XW	25D-XW-26	0.01	(0.005)
3	XW	30D-XW-26	0.03	(0.014)
3½	XW	35D-XW-26	0.03	(0.014)
4	XW	40D-XW-26	0.03	(0.014)
5	XW	50D-XW-26	0.06	(0.027)
6	XW	60D-XW-26	0.07	(0.032)

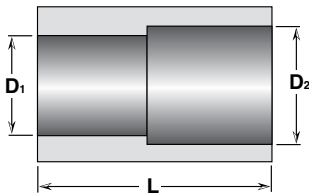


REDUCING ADAPTER

Transition adapter from ID/tubular phenolic conduit to IPS type.

Nominal Size	Type	Item No.	D1	D2	L	Weight	
						lbs	kg
2	SW	20F-SW-27	2.16 (55)	2.40 (61)	6 (152)	0.30	(0.14)
3	SW	30F-SW-27	3.16 (80)	3.52 (89)	6 (152)	0.50	(0.23)
4	SW	40F-SW-27	4.16 (106)	4.47 (114)	6 (152)	0.60	(0.27)
4	HW	40F-HW-27	4.20 (107)	4.52 (115)	6 (152)	0.70	(0.32)
5	MW	50F-MW-27	5.20 (132)	5.59 (142)	6 (152)	0.90	(0.41)
5	HW	50F-HW-27	5.24 (133)	5.63 (143)	6 (152)	1.00	(0.45)
6	MW	60F-MW-27	6.20 (157)	6.66 (169)	6 (152)	1.10	(0.50)
6	HW	60F-HW-27	6.24 (158)	6.69 (170)	6 (152)	1.20	(0.55)

Note: These are just examples of some reducing adapters. Contact Champion Fiberglass directly for other reducers.

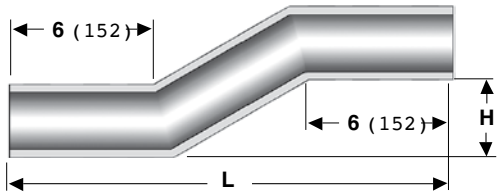


REDUCING ADAPTER

This adapter is used for transition between different diameters of IPS phenolic conduit.

Nominal Size	IPS Item No.	D1	D2	L	Weight	
					lbs	kg
1 SW - ¾ SW	10E-SW-25-07E-SW	1.06 (27)	1.32 (34)	4 (101)	0.35	(0.16)
1¼ SW - ¾ SW	12E-SW-25-07E-SW	1.06 (27)	1.67 (42)	4 (101)	0.45	(0.20)
1¼ SW - 1 SW	12E-SW-25-10E-SW	1.32 (34)	1.67 (42)	4 (101)	0.40	(0.18)
1½ SW - ¾ SW	15E-SW-25-07E-SW	1.06 (27)	1.91 (48)	4 (101)	0.38	(0.17)
1½ SW - 1 SW	15E-SW-25-10E-SW	1.32 (34)	1.91 (48)	4 (101)	0.40	(0.18)
1½ SW - 1¼ SW	15E-SW-25-12E-SW	1.67 (42)	1.91 (48)	6 (152)	0.37	(0.17)
2 SW - ¾ SW	20E-SW-25-07E-SW	1.06 (27)	2.40 (61)	6 (152)	0.60	(0.27)
2 SW - 1 SW	20E-SW-25-10E-SW	1.32 (34)	2.40 (61)	6 (152)	0.55	(0.25)
2 SW - 1¼ SW	20E-SW-25-12E-SW	1.67 (42)	2.40 (61)	6 (152)	0.50	(0.23)
2 SW - 1½ SW	20E-SW-25-15E-SW	1.91 (48)	2.40 (61)	6 (152)	0.47	(0.21)
3 SW - 2 SW	30E-SW-25-20E-SW	2.40 (61)	3.52 (89)	6 (152)	0.65	(0.32)
4 SW - 2 SW	40E-SW-25-20E-SW	2.40 (61)	4.47 (113)	6 (152)	0.80	(0.36)
4 SW - 3 SW	40E-SW-25-30E-SW	3.52 (89)	4.47 (113)	6 (152)	0.90	(0.41)
5 MW - 3 SW	50E-MW-25-30E-SW	3.52 (89)	5.59 (142)	6 (152)	1.30	(0.59)
5 MW - 4 SW	50E-MW-25-40E-SW	4.47 (114)	5.59 (142)	6 (152)	0.85	(0.39)
6 MW - 4 SW	60E-MW-25-40E-SW	4.47 (114)	6.61 (166)	6 (152)	1.70	(0.77)
6 MW - 5 MW	60E-MW-25-50E-MW	5.59 (142)	6.61 (166)	6 (152)	1.90	(0.86)

Note: These are just examples of some reducing adapters. Contact Champion Fiberglass directly for other reducers.

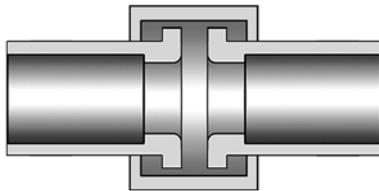


OFFSET BEND

When manufacturing offset bends, the vertical offset dimension, H and the horizontal offset dimension, L, need to be specified.

All offset bends are supplied with 6" **(152mm)** straight ends. [Item numbers for offset bends end with the suffix - 47]

Contact your local sales representative or Champion Fiberglass directly for information.



WOBBLE COUPLING

Wobble couplings are used for minor vertical and horizontal offsets for above ground installations. [Item numbers for wobble couplings end with the suffix - 48]

For further information regarding dimensions, etc., please contact your local sales representative or Champion Fiberglass directly.