

SINGLE EXPANSION JOINT SOCKET X SPIGOT WITH O-RING

Installation of Expansion Joints:

- When the duct is shorter than 50 ft., no Expansion Joint needed
- When the duct is between 50 ft. up to 200 ft., install one Expansion Joint at the mid point
- If the duct is longer than 200 ft., install one Expansion Joint every 200 ft. apart

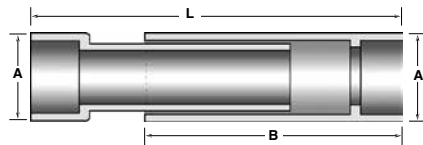
Note: All Expansion Joints have a yellow line on the nipple end of the joint for proper installation.

Nominal Size	Type	IPS Item No.		A	B	L - Min	L - Max	Weight	
		Belowground	Aboveground					lbs	kg
¾	SW	07A-SW-36	07C-SW-36	1.20 (30)	12 (305)	15 (381)	23 (584)	0.39	(0.18)
1	SW	10A-SW-36	10C-SW-36	1.46 (37)	12 (305)	15 (381)	23 (584)	0.44	(0.20)
1¼	SW	12A-SW-36	12C-SW-36	1.81 (46)	12 (305)	15 (381)	23 (584)	0.53	(0.24)
1½	SW	15A-SW-36	15C-SW-36	2.04 (52)	12 (305)	15 (381)	23 (584)	0.76	(0.35)
2	SW	20A-SW-36	20C-SW-36	2.54 (65)	12 (305)	15 (381)	23 (584)	0.87	(0.40)
3	SW	30A-SW-36	30C-SW-36	3.66 (93)	12 (305)	15 (381)	23 (584)	1.38	(0.63)
4	SW	40A-SW-36	40C-SW-36	4.61 (117)	12 (305)	15 (381)	23 (584)	1.66	(0.75)
4	HW	40A-HW-36	40C-HW-36	4.69 (119)	12 (305)	15 (381)	23 (584)	2.23	(1.01)
5	SW	50A-SW-36	50C-SW-36	5.68 (144)	12 (305)	15 (381)	23 (584)	2.07	(0.94)
5	MW	50A-MW-36	50C-MW-36	5.79 (147)	12 (305)	15 (381)	23 (584)	2.76	(1.25)
5	HW	50A-HW-36	50C-HW-36	5.85 (149)	12 (305)	15 (381)	23 (584)	2.99	(1.36)
6	SW	60A-SW-36	60C-SW-36	6.75 (171)	12 (305)	15 (381)	23 (584)	2.30	(1.04)
6	MW	60A-MW-36	60C-MW-36	6.85 (174)	12 (305)	15 (381)	23 (584)	3.27	(1.49)
6	HW	60A-HW-36	60C-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	
		Belowground	Aboveground					lbs	kg
2	SW	20B-SW-36	20D-SW-36	2.30 (58)	12 (305)	15 (381)	23 (584)	0.78	(0.35)
2½	SW	25B-SW-36	25D-SW-36	2.80 (71)	12 (305)	15 (381)	23 (584)	0.97	(0.44)
3	SW	30B-SW-36	30D-SW-36	3.30 (84)	12 (305)	15 (381)	23 (584)	1.10	(0.50)
3½	SW	35B-SW-36	35D-SW-36	3.80 (96)	12 (305)	15 (381)	23 (584)	1.38	(0.63)
4	SW	40B-SW-36	40D-SW-36	4.30 (109)	12 (305)	15 (381)	23 (584)	1.59	(0.72)
4	HW	40B-HW-36	40D-HW-36	4.39 (111)	12 (305)	15 (381)	23 (584)	2.12	(0.96)
4½	SW	45B-SW-36	45D-SW-36	4.80 (122)	12 (305)	15 (381)	23 (584)	1.73	(0.79)
4½	HW	45B-HW-36	45D-HW-36	4.89 (124)	12 (305)	15 (381)	23 (584)	2.39	(1.09)
5	SW	50B-SW-36	50D-SW-36	5.30 (135)	12 (305)	15 (381)	23 (584)	1.95	(0.89)
5	MW	50B-MW-36	50D-MW-36	5.39 (137)	12 (305)	15 (381)	23 (584)	2.60	(1.18)
5	HW	50B-HW-36	50D-HW-36	5.42 (138)	12 (305)	15 (381)	23 (584)	3.04	(1.38)
6	SW	60B-SW-36	60D-SW-36	6.30 (160)	12 (305)	15 (381)	23 (584)	2.35	(1.07)
6	MW	60B-MW-36	60D-MW-36	6.39 (162)	12 (305)	15 (381)	23 (584)	3.11	(1.41)
6	HW	60B-HW-36	60D-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	
		Belowground	Aboveground					lbs	kg
2	XW	20B-XW-36	20D-XW-36	3.000 (76)	12 (305)	15 (381)	23 (584)	2.90	(1.32)
2½	XW	25B-XW-36	25D-XW-36	3.525 (90)	12 (305)	15 (381)	23 (584)	3.56	(1.61)
3	XW	30B-XW-36	30D-XW-36	4.000 (102)	12 (305)	15 (381)	23 (584)	4.19	(1.90)
3½	XW	35B-XW-36	35D-XW-36	4.525 (115)	12 (305)	15 (381)	23 (584)	4.83	(2.19)
4	XW	40B-XW-36	40D-XW-36	5.000 (127)	14 (356)	19 (482)	27 (686)	6.42	(2.92)
5	XW	50B-XW-36	50D-XW-36	6.000 (152)	14 (356)	19 (482)	27 (686)	7.94	(3.60)
6	XW	60B-XW-36	60D-XW-36	7.000 (178)	14 (356)	19 (482)	27 (686)	10.06	(4.57)

Nominal Size	Type	IPS Item No.		A	B	L - Min	L - Max	Weight	
		Belowground	Aboveground					lbs	kg
¾	SW	07A-SW-35	07C-SW-35	1.20 (30)	12 (305)	18 (457)	26 (660)	0.49	(0.22)
1	SW	10A-SW-35	10C-SW-35	1.46 (37)	12 (305)	18 (457)	26 (660)	0.55	(0.25)
1¼	SW	12A-SW-35	12C-SW-35	1.81 (46)	12 (305)	18 (457)	26 (660)	0.66	(0.30)
1½	SW	15A-SW-35	15C-SW-35	2.04 (52)	12 (305)	18 (457)	26 (660)	0.76	(0.35)
2	SW	20A-SW-35	20C-SW-35	2.54 (65)	12 (305)	18 (457)	26 (660)	1.09	(0.50)
3	SW	30A-SW-35	30C-SW-35	3.66 (93)	12 (305)	18 (457)	26 (660)	1.73	(0.79)
4	SW	40A-SW-35	40C-SW-35	4.61 (117)	12 (305)	18 (457)	26 (660)	2.07	(0.94)
4	HW	40A-HW-35	40C-HW-35	4.69 (119)	12 (305)	18 (457)	26 (660)	2.79	(1.27)
5	SW	50A-SW-35	50C-SW-35	5.68 (144)	12 (305)	18 (457)	26 (660)	2.59	(1.18)
5	MW	50A-MW-35	50C-MW-35	5.79 (147)	12 (305)	18 (457)	26 (660)	3.45	(1.57)
5	HW	50A-HW-35	50C-HW-35	5.85 (149)	12 (305)	18 (457)	26 (660)	3.74	(1.70)
6	SW	60A-SW-35	60C-SW-35	6.75 (171)	12 (305)	18 (457)	26 (660)	2.88	(1.31)
6	MW	60A-MW-35	60C-MW-35	6.85 (174)	12 (305)	18 (457)	26 (660)	4.08	(1.85)
6	HW	60A-HW-35	60C-HW-35	6.91 (176)	12 (305)	18 (457)	26 (660)	4.69	(2.13)



SINGLE EXPANSION JOINT SOCKET X SOCKET, NO O-RING

Same instructions & note as above

Nominal Size	Type	ID Item No.		A	B	L - Min	L - Max	Weight	
		Belowground	Aboveground					lbs	kg
2	SW	20B-SW-35	20D-SW-35	2.30 (58)	12 (305)	18 (457)	26 (660)	0.98	(0.45)
2½	SW	25B-SW-35	25D-SW-35	2.30 (58)	12 (305)	18 (457)	26 (660)	1.21	(0.55)
3	SW	30B-SW-35	30D-SW-35	3.30 (84)	12 (305)	18 (457)	26 (660)	1.38	(0.63)
3½	SW	35B-SW-35	35D-SW-35	3.80 (96)	12 (305)	18 (457)	26 (660)	1.73	(0.79)
4	SW	40B-SW-35	40D-SW-35	4.30 (109)	12 (305)	18 (457)	26 (660)	1.98	(0.90)
4	HW	40B-HW-35	40D-HW-35	4.39 (111)	12 (305)	18 (457)	26 (660)	2.65	(1.20)
4½	SW	45B-SW-35	45D-SW-35	4.80 (122)	12 (305)	18 (457)	26 (660)	2.16	(0.98)
4½	HW	45B-HW-35	45D-HW-35	4.89 (124)	12 (305)	18 (457)	26 (660)	2.99	(1.36)
5	SW	50B-SW-35	50D-SW-35	5.30 (135)	12 (305)	18 (457)	26 (660)	2.44	(1.11)
5	MW	50B-MW-35	50D-MW-35	5.39 (137)	12 (305)	18 (457)	26 (660)	3.25	(1.48)
5	HW	50B-HW-35	50D-HW-35	5.42 (138)	12 (305)	18 (457)	26 (660)	3.80	(1.73)
6	SW	60B-SW-35	60D-SW-35	6.30 (160)	12 (305)	18 (457)	26 (660)	2.93	(1.33)
6	MW	60B-MW-35	60D-MW-35	6.39 (162)	12 (305)	18 (457)	26 (660)	3.88	(1.76)
6	HW	60B-HW-35	60D-HW-35	6.42 (163)	12 (305)	18 (457)	26 (660)	4.54	(2.07)

Nominal Size	Type	Item No.		A	B	L - Min	L - Max	Weight	
		Belowground	Aboveground					lbs	kg
2	XW	20B-XW-35	20D-XW-35	3.000 (76)	12 (305)	18 (457)	26 (660)	3.62	(1.64)
2½	XW	25B-XW-35	25D-XW-35	3.525 (90)	12 (305)	15 (381)	23 (584)	4.44	(2.01)
3	XW	30B-XW-35	30D-XW-35	4.000 (102)	12 (305)	18 (457)	26 (660)	5.23	(2.37)
3½	XW	35B-XW-35	35D-XW-35	4.525 (115)	12 (305)	15 (381)	23 (584)	6.06	(2.75)
4	XW	40B-XW-35	40D-XW-35	5.000 (127)	14 (356)	22 (559)	32 (812)	7.89	(3.58)
5	XW	50B-XW-35	50D-XW-35	6.000 (152)	14 (356)	22 (559)	32 (812)	9.75	(4.43)
6	XW	60B-XW-35	60D-XW-35	7.000 (178)	14 (356)	22 (559)	32 (812)	12.08	(5.48)