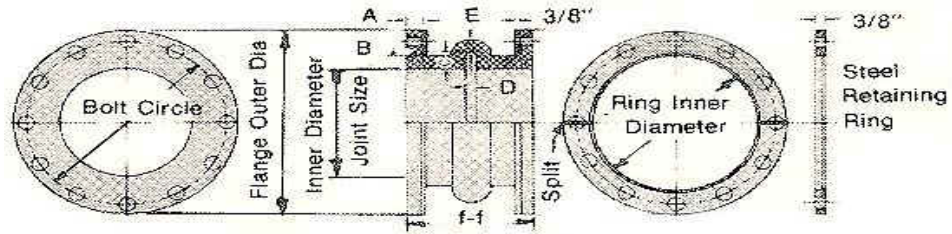


Dimensions For "Supreme" spool type Expansion Joints - single Arch

We do not use marginal constructions which reduce safety factors and cause pressure reductions with slight operating pressure increases. All "Supreme" Expansion Joints have a minimum 4 to 1 safety factor at rated operating temperatures and pressures.



Note: Style 200XL movements are the same as Style 200. Call for pressure ratings to match application.

Joint size I.D.	Face to Face	Flange O.D.	Bolt Circle Dia.	No. of Bolt Holes	Bolt Hole Dia.	Ring I.D.	A-Flange Thickness B-Body Thickness C- Internal Arch Height D- Arch Width E- Arch Thickness					Style 150 Max P.S.I.	Style 200 Max P.S.I.	movements			Weights		
							A	B	C	D	E			Axial Comp	Axial Ext.	Trav. Defl.	Joint Wt.	Ret. Rgs.	Ctrl. Units
1/2	6	1-1/2	2-3/8	4	9/16	1-1/4	1/2	7/8	1	1/2	3/8	165	200	1/2	1/4	1/2	1	1-1/2	6
3/4	6	3-7/8	2-3/4	4	9/16	1-5/8	1/2	7/8	1	1/2	3/8	165	200	1/2	1/4	1/2	1-1/2	2	6
1	6	4-1/4	3-1/8	4	5/8	1-7/8	9/16	7/8	1	1/2	3/8	165	200	1/2	1/4	1/2	2	2-1/4	6
1-1/4	6	4-5/8	3-1/2	4	5/8	2-1/8	1/2	7/8	1-1/8	1/2	7/16	165	200	1/2	1/4	1/2	2-1/2	2-1/2	6
1-2	6	5	3-7/8	4	5/8	2-3/8	1/2	7/8	1-1/8	1/2	7/16	165	200	1/2	1/4	1/2	3	3	6
2	6	6	4-3/4	4	3/4	3-1/8	9/16	29/32	1-1/4	1/2	1/2	165	200	1/2	1/4	1/2	4	4	7
2-1/2	6	7	5-1/5	4	3/4	4-1/8	9/16	29/32	1-1/4	1/2	1/2	165	200	1/2	1/4	1/2	4-1/2	5-1/2	7
3	6	7-1/2	6	4	3/4	4-5/8	9/16	29/32	1-1/4	1/2	1/2	165	200	1/2	1/4	1/2	5-1/2	6	7
4	6	9	7-1/2	8	3/4	5-7/8	9/16	7/8	1-1/4	1/2	1/2	165	200	1/2	1/4	1/2	8	7-1/2	8
5	6	10	8-1/2	8	7/8	6-7/8	9/16	7/8	1-1/4	1/2	1/2	140	200	1/2	1/4	1/2	9	8	8
6	6	11	9-1/2	8	7/8	7-7/8	9/16	1	1-1/4	1/2	1/2	140	200	1/2	1/4	1/2	11	9	9
8	6	13-1/2	11-3/4	8	7/8	9-7/8	9/16	1	1-1/2	3/4	5/8	100	190	3/4	1/4	1/2	15	12	12
10	8	16	14-1/4	12	1	12-1/8	9/16	1-5/32	1-1/2	3/4	11/16	100	190	3/4	1/4	1/2	23	16	16
12	8	19	17	12	1	14-1/2	5/8	1-5/32	1-1/2	3/4	11/16	100	190	3/4	3/8	1/2	34	22	16
14	8	21	18-3/4	12	1-1/8	16-1/2	3/4	1-5/32	2	3/4	3/4	85	130	3/4	3/8	1/2	40	25	20
16	8	23-1/2	21-1/4	1	1-1/8	18-1/2	3/4	1-5/32	2	3/4	3/4	65	110	3/4	3/8	1/2	47	27	20
18	8	25	22-3/4	16	1-1/4	20-1/2	3/4	1-5/32	2	3/4	3/4	65	110	3/4	3/8	1/2	56	29	21
20	8	27-1/2	25	20	1-1/4	22-5/8	7/8	1-5/32	2	7/8	25/32	65	110	7/8	3/8	1/2	67	35	21
22	10	29-1/2	27-1/4	2	1-3/8	24-5/8	7/8	1-5/32	2	7/8	25/32	60	100	7/8	7/16	1/2	70	44	32
24	10	32	29-1/2	20	1-3/8	26-5/8	7/8	1-5/32	2	7/8	25/32	60	100	7/8	7/16	1/2	79	46	32

26	10	34-1/4	31-3/4	24	1-3/8	28-7/8	1	1-3/16	2-1/4	1	13/16	55	90	1	1/2	1/2	100	50	32
28	10	36-1/2	34	28	1-3/8	30-7/8	1	1-3/16	2-1/4	1	13/16	55	90	1	1/2	1/2	102	55	32
30	10	38-3/4	36	28	1-3/8	32-7/8	1	1-3/16	2-1/4	1	13/16	55	90	1	1/2	1/2	117	58	32
34	10	43-3/4	40-1/2	32	1-5/8	37	1	1-3/16	2-1/4	1	13/16	55	90	1	1/2	1/2	122	91	43
36	10	46	42-3/4	32	1-5/8	39	1	1-3/16	2-1/4	1	13/16	55	90	1	1/2	1/2	143	99	43
40	10	50-3/4	47-1/4	36	1-5/8	43	1	1-3/16	2-1/4	1	13/16	55	90	1	1/2	1/2	173	108	43
42	12	53	49-1/2	36	1-5/8	45-1/4	1	1-1/4	2-1/2	1-1/8	29/32	55	80	1-1/8	1/2	1/2	193	110	44
44	12	55-1/4	51-3/4	40	1-3/4	47-1/4	1	1-1/4	2-1/2	1-1/8	29/32	55	80	1-1/8	1/2	1/2	198	136	44
48	12	59-1/2	56	44	1-5/8	51-1/4	1	1-1/4	2-1/2	1-1/8	29/32	55	80	1-1/8	1/2	1/2	211	154	87
50	12	61-3/4	58-1/4	44	1-7/8	53-1/4	1-3/16	1-3/8	2-1/2	1-1/8	29/32	55	80	1-1/8	1/2	1/2	240	163	87
54	12	66-1/4	62-3/4	44	2	57-1/4	1-3/16	1-3/8	2-1/2	1-1/8	29/32	55	80	1-1/8	1/2	1/2	265	185	87
56	12	68-3/4	65	48	2	59-1/4	1-3/16	1-3/8	2-1/2	1-1/8	29/32	55	80	1-1/8	1/2	1/2	288	203	87
60	12	73	69-1/4	52	2	63-1/4	1-3/16	1-3/8	2-1/2	1-1/8	29/32	55	80	1-1/8	1/2	1/2	309	215	87
62	12	75-3/4	71-3/4	52	2	65-1/4	1-3/16	1-3/8	2-1/2	1-1/8	29/32	55	80	1-1/8	1/2	1/2	325	230	87
66	12	80	76	52	2	69-1/4	1-3/16	1-3/8	2-1/2	1-1/8	29/32	55	80	1-1/8	1/2	1/2	350	255	87
72	12	86-1/2	82-1/2	60	2	75-1/4	1-3/16	1-3/8	2-1/2	1-1/8	29/32	45	70	1-1/8	1/2	1/2	385	300	87
78	12	93	89	64	2-1/8	81-1/2	1-3/16	1-3/8	2-1/2	1-1/8	29/32	45	70	1-1/8	1/2	1/2	41	325	103
84	12	99-3/4	95-1/2	64	2-1/4	87-1/2	1-3/16	1-3/8	2-1/2	1-1/8	29/32	45	70	1-1/8	9/16	1/2	435	350	113
96	12	113-1/4	108-1/2	68	2-1/2	99-3/8	1-3/16	1-3/8	2-1/2	1-1/8	29/32	45	70	1-1/8	9/16	1/2	460	375	125
102	12	120	114-1/2	72	2-5/8	105-1/2	1-3/16	1-3/8	2-1/2	1-1/8	29/32	45	70	1-1/16	9/16	1/2	485	400	137
108	12	126-3/4	120-3/4	72	2-5/8	111-1/2	1-3/16	1-3/8	2-1/2	1-1/8	29/32	45	70	1-1/16	9/16	1/2	510	425	139
120	12	140-1/4	132-3/4	76	2-7/8	123-1/2	1-3/16	1-3/8	2-1/2	1-1/8	29/32	45	70	1-1/16	9/16	1/2	535	560	151
132	12	153-3/4	145-3/4	80	3-1/8	135-1/2	1-3/16	1-3/8	2-1/2	1-1/8	29/32	45	70	1-1/16	9/16	1/2	560	585	163
144	12	167-1/4	158-1/4	84	3-3/8	147-1/2	1-3/16	1-3/8	2-1/2	1-1/8	29/32	45	70	1-1/16	9/16	1/2	585	610	176

NOTE: It is recommended customer verify bolt hole diameter for joints over 48".