



DATASEAL INDIA-RUBBER EXPANSION JOINTS Sizes

DATASEAL® ISO:9001:2008

SIZE	A	B	C	D	E	F	G	H	J	BOLT CIRCLE DIAM.	NUMBER of BOLTS	BOLT DIAM.	DRILLED HOLE DIAM.	APPROX. WEIGHT (L.B.S.)
1	4-1/4	1	5/8	6	3	9/16	1/2	7/16	1-1/8	3-1/8	4	1/2	5/8	2
1-1/4	4-5/8	1-1/4	5/8	6	3	9/16	1/2	7/16	1-1/8	3-1/2	4	1/2	5/8	2-1/2
1-1/2	5	1-1/2	5/8	6	3	9/16	1/2	7/16	1-1/8	3-7/8	4	1/2	5/8	3
2	6	2	3/4	6	3	9/16	1/2	1/2	1-1/4	4-3/4	4	5/8	3/4	4
2-1/2	7	2-1/2	3/4	6	3	9/16	1/2	1/2	1-1/4	5-1/2	4	5/8	3/4	4-1/2
3	7-1/2	3	3/4	6	3	9/16	1/2	1/2	1-1/4	6	4	5/8	3/4	5-1/4
4	9	4	7/8	6	3	9/16	1/2	1/2	1-1/4	7-1/2	8	5/8	3/4	7
5	10	5	7/8	6	3	9/16	1/2	1/2	1-1/4	8-1/2	8	3/4	7/8	8-1/4
6	11	6		6	3	5/8	1/2	1/2	1-1/4	9-1/2	8	3/4	7/8	9-3/4
8	13-1/2	8	7/8	6	3	3/4	3/4	5/8	1-1/2	11-3/4	a	3/4	7/8	15
10	16	10	1	8	4	3/4	3/4	11/16	1-1/2	14-1/4	12	7/8	1	21
12	19	12	1-3/16	8	4	3/4	3/4	11/16	1-1/2	17	12	7/8	1	28
14	21	14	1-3/16	8	4	7/8	3/4	3/4	2	18-3/4	12	1	1-1/8	39
16	23-1/2	16	1-3/16	8	4	7/8	3/4	3/4	2	21-1/4	16	1	1-1/8	45-1/2
18	25	18	1-3/16	8	4	7/8	3/4	3/4	2	22-3/4	16	1-1/8	1-1/4	50-1/2
20	27-1/2	20	1-1/4	8	4	1	7/8	25/32	2	25	20	1-1/8	1-1/4	61
22	29-1/2	22	1-1/4	10	5	1	7/8	25/32	2	27-1/4	20	1-1/4	1-8/8	70
24	32	24	1-1/4	10	5	1	7/8	25/32	2	29-1/2	20	1-1/4	1-3/8	75
26	34-1/4	26	1-3/8	10	5	1	1	13/16	2-1/4	31-3/4	24	1-1/4	1-3/8	85-1/2
28	36-1/2	28	1-3/8	10	5	1	1	13/16	2-1/4	34	28	1-1/4	1-3/8	93
30	38-3/4	30	1-3/8	10	5	1	1	13/16	2-1/4	36	28	1-1/4	1-3/8	101-1/2
36	46	36	1-3/8	10	5	1	1	13/16	2-1/4	42-3/4	32	1-1/2	1-5/8	137-1/2
42	53	42	1-1/2	12	6	1-3/16	1-1/8	29/32	2-1/2	49-1/2	36	1-1/2	1-5/8	182-1/2
48	59-1/2	48	1-1/2	12	6	1-3/16	1-1/8	29/32	2-1/2	56	44	1-1/2	1-5/8	211
54	66-1/4	54	1-1/2	12	6	1-3/16	1-1/8	29/32	2-1/2	62-3/4	44	1-3/4	2	265-1/2
60	73	60	1-1/2	12	6	1-3/16	1-1/8	29/32	2-1/2	69-1/4	52	1-3/4	2	309
72	86-1/2	72	1-1/2	12	6	1-3/16	1-1/8	29/32	2-1/2	82-1/2	60	1-3/4	2	385
78	93	78	1-1/2	12	6	1-3/16	1-1/8	29/32	2-1/2	88-3/4	60	2	2-1/4	410
84	99-3/4	84	1-1/2	12	6	1-3/16	1-1/8	29/32	Z-1/2	95-1/2	64	2	2-1/4	480

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TYPE OF EXPANSION JOINTS

STANDARD - Single arch for use where initial misalignment of two pipes to be connected does not exceed 1.8", but not where flanges are out of parallel. Available for pressure or vacuum. Arch can be filled, however, movement limitations are reduced 50%

MULTIPLE ARCH - Standard joint with 2 or 3 arches. Recommended for greater movement where face to face dimensions are not limited. Suitable for pressure or vacuum applications with flanges or sleeve ends.

LIGHT WEIGHT - Recommended for handling air, liquid, gases and fumes at 7.5 (15" vacuum absolute) to 15 psi. Available with multiple arches, filled arches and sleeves ends.

RETAINING RINGS -

Use of split-steel rings assure a pressure-tight seal. Outside diameter is same as standard flange and contains the same number of bolt holes. Those used on joint sizes upto 40" are two-piece (4 segments per joint). Four-piece rings (8 segments per joint) are used on all larger sizes. All are generally 3.8" thick.

JOINT SIZE	NUMBER BOLTS	BOLT DIAM.	JOINT SIZE	NUMBER BOLTS	BOLT DIAM.
1-3	4	5/8	24	20	1-1/4
4	8	5/8	30	28	1-1/4
5-8	8	3/4	36	32	1-1/2
10-12	12	7/8	42	36	1-1/2
14	12	1	48	44	1-1/2
16	16	1	54	44	1-3/4
18	16	1-1/8	60	52	1-3/4
20	20	1-1/8	72	60	1-3/4

