

Maxi-Joint®

Concentric Reducing Expansion Joints

Style 1101CR

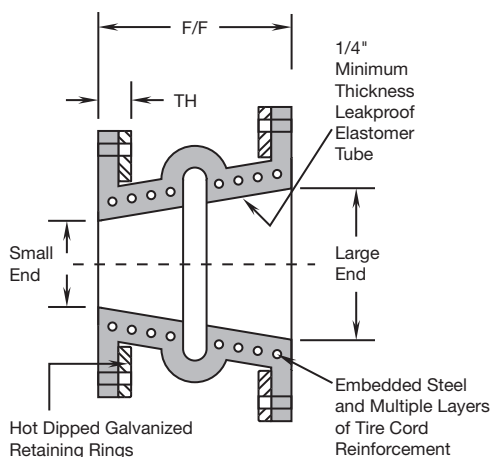
Features:

- An economic and space saving way to combine a reducing pipe fitting with an expansion joint
- Available in custom offset arrangements and sizes not shown
- Versatile hand-built construction. Made in the U.S.A.
- Standard or custom face to face dimensions
- Excellent all directional movement capability
- Absorbs noise, vibration and shock
- 250°F continuous service standard, 400°F available
- Integral flange design, no gaskets required
- ANSI 150 lb. drilling standard, other standard drilling available, including ASA 300 lb., DIN, PN, JIS, API, and Navy
- Filled arch design available
- Available in high pressure (HP) and high temperature (HT) designs
- Multiple plies of tire cord reinforcement and a wide variety of tube and cover elastomers available



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LARGE End I.D.	SMALL End I.D.	CONCENTRIC Shortest Length (F/F)	LARGE END FLANGE TH. (inch)	MAX Pressure (PSIG)	VACUUM Rating (inch Hg)	MOVEMENTS					GROSS Weight (lbs)
						Comp. (inch)	Ext. (inch)	Lateral (inch)	Angular (degree)	Torsional (degree)	
2	1	6	7/8	165	15	1/2	1/4	1/2	16	3.1	6
2-1/2	1	6	7/8	165	15	1/2	1/4	1/2	14	3.0	7
3	1	6	7/8	165	15	1/2	1/4	1/2	12.5	2.9	8
4	2	6	7/8	165	15	1/2	1/4	1/2	9.5	2.7	10
5	2	6	7/8	150	15	1/2	1/4	1/2	6.3	2.6	15
6	3	6	7/8	150	15	1/2	1/4	1/2	6.1	2.4	16
8	4	6	7/8	150	15	3/4	3/8	1/2	6.0	2.2	19
10	6	8	7/8	150	15	3/4	3/8	1/2	5.8	2.1	34
12	6	8	7/8	150	15	3/4	3/8	1/2	5.2	2.0	42
14	8	8	1	90	15	3/4	3/8	1/2	3.9	1.8	55
16	10	8	1	70	15	3/4	3/8	1/2	3.3	1.4	64
18	12	8	1	70	15	3/4	3/8	1/2	2.6	1.0	72

- Notes:
- 1.) All Series 1200 parts listed are designed for 30" Hg (full vacuum) and have a maximum test at 26" Hg due to facility altitude and equipment limitations.
 - 2.) Maximum operating temperature of 250 deg F for EPDM, Butyl, Hypalon, and Viton; 225 deg F for Neoprene; 210 deg F for Nitrile; 180 deg F for Pure Gum Rubber; 300 deg F for EPDM and Butyl in air service at 25 PSI maximum; higher pressure and temperature ratings available.
 - 3.) All sizes can be supplied with a filled arch reducing their movements by 50% and increasing the spring rates fourfold.
 - 4.) For full product specifications and installation instructions, see SPEC 1101CR-1 and ININ 1101CR-1. Gross weights include retaining rings.
 - 5.) **WARNING:** Control units (sold separately) must be used when piping is not properly anchored. Number of rods are dependent upon maximum field test pressures. Expansion joints may operate in pipelines carrying fluids at elevated temperatures and pressures, so precaution should be taken to ensure proper installation and regular inspection. Care is required to protect personnel in the event of leakage or splash. Adequate floor drains are always recommended.
 - 6.) Movements are non-concurrent. Contact General Rubber for concurrent movements, and for sizes not shown up to 144" I.D.
 - 7.) Standard 125/150 lb. drilling includes, 1"-24" with ANSI B16.1 Class 125 lb./B16.5 Class 150 lb., 30"-60" with ANSI B16.1 Class 125 lb./ B16.47 series A, Class 150 lb., 72"- 108" with ANSI B16.1 Class 125 lb./ AWWA C207 Class B.

