

Maxi-Sphere®

Molded Spherical Expansion Joints

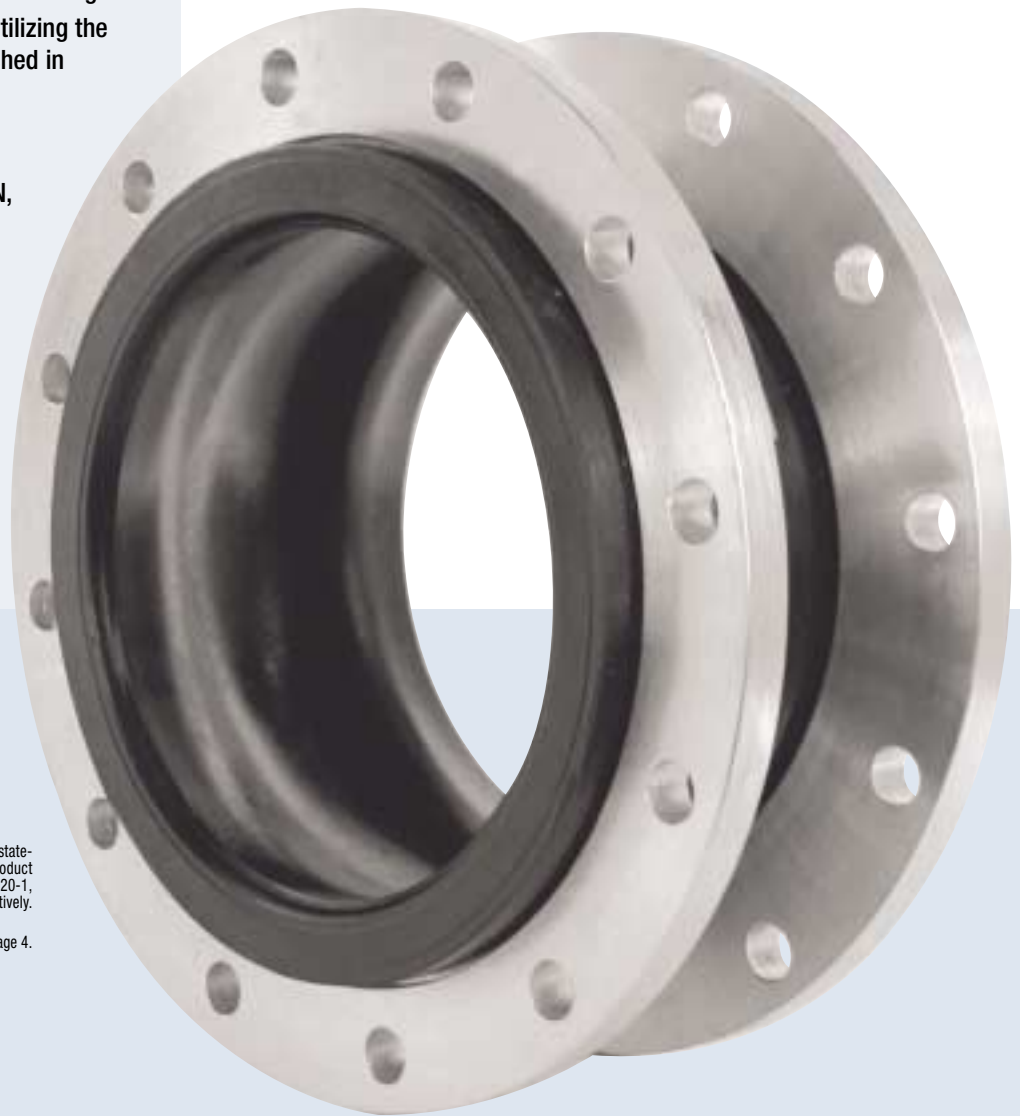
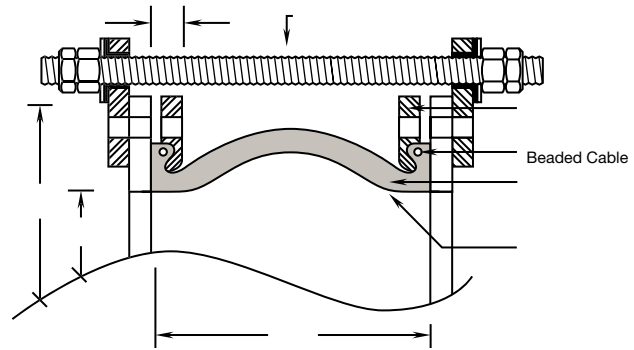
Style 1010, 1020 & 1030

Features:

- Superior Noise and Vibration Control
- Most Economical Flexible Connector
- Precision Molded Spherical Flowing Arch Design
- Multiple Plies of Tire Cord Reinforcement and a Wide Variety of Tube and Cover Elastomers
- Solid Galvanized Steel Floating Flanges Avoids the Problematic Hooked or Interlocking Split Flange Design
- High Tensile Aircraft Cable is Embedded in the Raised Face Rubber Ends to Prevent Pull Out and Avoids the Sharp Cutting Edge of Solid Steel Rings
- Safe Industry Standard Proven Design Utilizing the same Beaded Cable Technology Established in the Tire Industry
- No Gaskets Required; ANSI 150 lb. Drilling Standard, other Flange Drilling Available, Including ANSI 300 lb., DIN, PN, JIS and API
- Compensates for Minor Misalignment and Offset while Providing Easy Access to Piping and Equipment
- Large Inventory Means Quick Shipments

Style 1010

Single Sphere with Floating Flanges



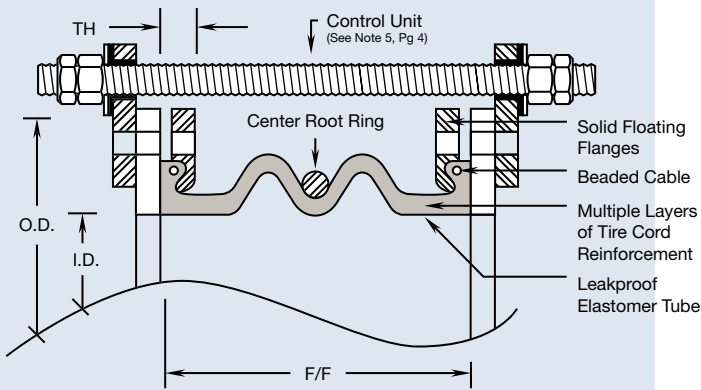
Notes:

- 1.) Style 1015 Notes 2,5 and 6 as shown on page 4, including a **WARNING** statement, also applies to Style 1010, 1020 and 1030. For full product specifications and installation instructions, see SPEC 1010-1, SPEC 1020-1, SPEC 1030-1 and ININ 1010-1, ININ 1020-1, ININ 1030-1 respectively. Gross weights include flanges or union ends.
- 2.) For drilling information see 125/150 lb. chart on page 5 and note 8 on page 4.



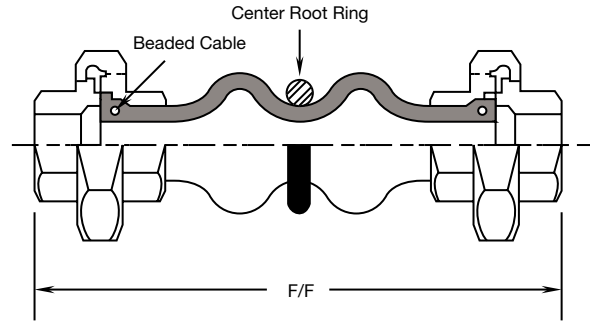
Style 1020

Double Sphere with Floating Flanges



Style 1030

Double Sphere with Union Ends



SIZE I.D. (inch)	LENGTH F/F (inch)	FLANGE TH (inch)	MOVEMENTS					MAX Pressure (PSIG)	VACUUM Rating (inch Hg)	GROSS Weight (lbs)
			Comp. (inch)	Ext. (inch)	Lateral (inch)	Angular (degree)	Torsional (degree)			
1010 Single Sphere with Floating Flanges										
2	6	7/8	5/8	3/8	3/8	22	3.1	225	30	8.8
2-1/2	6	15/16	5/8	3/8	3/8	17	3.0	225	30	12.5
3	6	1	7/8	1/2	1/2	19	2.9	225	30	14
4	6	1	7/8	1/2	1/2	14	2.7	225	30	18
5	6	1-3/16	7/8	1/2	1/2	12	2.6	225	30	22.5
6	6	1-5/16	7/8	1/2	1/2	11.5	2.4	225	30	26.8
8	6	1-5/16	1-1/4	3/4	3/4	11	2.2	225	30	37.8
10	8	1-5/16	1-1/4	3/4	3/4	9	2.1	225	30	55.5
12	8	1-5/16	1-1/4	3/4	3/4	7	2.0	225	20	83
14	8	1-9/16	1-1/4	3/4	3/4	6	1.8	150	20	111
16	8	1-11/16	1-1/4	3/4	3/4	5.5	1.4	125	20	145
18	8	1-3/4	1-1/4	3/4	3/4	5	1.0	125	15	153
20	8	1-3/4	1-1/4	3/4	3/4	4.3	0.8	125	15	178
24	10	2	1-1/2	3/4	1	3.6	0.7	110	15	255
1020 Double Sphere with Floating Flanges										
2	7	7/8	2	1-1/8	1-1/4	68	9.5	225	30	9
2-1/2	7	15/16	2	1-1/8	1-1/4	53	7.5	225	30	13.5
3	7	1	2	1-1/8	1-1/4	44	6.2	225	30	14.5
4	9	1	2-1/2	1-3/8	1-3/4	40	5.6	225	30	20.5
5	9	1-3/16	2-1/2	1-3/8	1-3/4	32	4.5	225	30	25
6	9	1-5/16	2-1/2	1-3/8	1-3/4	26	3.6	225	30	30
8	13	1-5/16	2-1/2	1-3/8	1-3/4	20	2.8	225	30	44
10	13	1-5/16	2-1/2	1-3/8	1-3/4	16	2.2	225	15	66
12	13	1-5/16	2-1/2	1-3/8	1-3/4	13	1.8	225	15	95.5
14	13-3/4	1-9/16	2-1/2	1-3/8	1-3/4	12	1.7	150	15	113
1030 Double Sphere with Union Ends										
3/4	8	N/A	7/8	1/4	7/8	32	4.8	150	30	2.5
1	8	N/A	7/8	1/4	7/8	25	3.7	150	30	3
1-1/4	8	N/A	7/8	1/4	7/8	20	3	150	30	4
1-1/2	8	N/A	7/8	1/4	7/8	17	2.5	150	30	5
2	8	N/A	7/8	1/4	7/8	13	2	150	30	7.5

