

STYLE 530 SUPER SPHERE



HOLZ
RUBBER COMPANY, INC.
1-800-285-1600 • Quality Since 1935

EXPANSION JOINTS QUALITY • VALUE • PRICING



THE 530 SUPER SPHERE EXPANSION JOINT can easily replace and interchange with handbuilt, molded and spherical expansion joints. As a member of the Rubber Expansion Joint Division, Fluid Sealing Association, HOLZ designed and manufactures the 530 SUPER SPHERE to combine the advantages of many other types/sizes of expansion joints and for application in HVAC, Chemical, Petrochemical, Marine, Power Plants, Pulp & Paper, Process Piping Systems, Water/Waste-water Treatment and Steel Mill Industries.

Available in a wide choice of combination tube and cover elastomers, including Butyl, Neoprene, Nitrile, Natural, Hypalon®, EPDM and Viton®, the 530 SUPER SPHERE is handbuilt to our same demanding quality standards and tested to insure long life and reliable field service!

Here are only a few of the many features and benefits our 530 SUPER SPHERE provides:

- **SPHERICAL ARCH**

The 530 SUPER SPHERE utilizes a “flowing arch” design which provides more movement in comparison to narrow or filled arch/spool-type joints.

The “flowing arch” is also self-cleaning, which makes it a perfect choice for slurries and turbulence reduction. It also eliminates the requirement for specifying a “filled arch”.

- **INCREASED FLEXIBILITY**

The 530 SUPER SPHERE gives you almost 30% increased compression movement and up to a 15% reduction in spring rates compared to standard expansion joints. Also provides an alternative to multiple filled arch designs.

- **IMPROVED SEALING**

Because the 530 SUPER SPHERE is handbuilt, it utilizes a full faced rubber flange reinforced with fabric to provide you with an optimum seal. Other competitive products are molded and sometimes only have a small lip/bead area for sealing.

- **Less Weight**

Compared to competitive brands with rotating metal flanges, the 530 SUPER SPHERE with retaining rings weighs up to 50% less—for ease of handling and reduced freight!

- **LESS COST**

We use an exclusive synthetic, high tensile radial cord matrix in manufacturing the 530

SUPER SPHERE. Our proprietary construction eliminates the need for internal metal body rings while still providing adequate pressure and vacuum ratings.

- **CUSTOMER SERVICE**

The HOLZ Expansion Joint experts, with over 165 years combined sales, technical and manufacturing expertise, are at your service 24 hours-a-day, night, weekends and holidays.

We're on line...all the time—to help your with your requirements.

Call us toll free at 1-800-285-1600, or fax us toll free at 1-800-756-9998, to request information, order or check price and delivery. Our weekday office hours are 8:30 a.m. to 8:15 p.m., Eastern Standard Time—the longest in the industry!

- **WIDE SELECTION OF INVENTORY AND QUICK DELIVERY**

At HOLZ, we understand the meaning of service and can ship your order as needed...and because our factory is located right here in Lodi, California, we can even build your special requirements, usually in one to two weeks, at no additional charge.

So, don't settle for doing business with competitors who lead you to believe that they are an expansion joint manufacturer when in fact they only buy and re-sell...call HOLZ and deal direct with the factory!

* Registered trademark of E.I. DuPont Nemours & Company.

STYLE 530 SUPER SPHERE EXPANSION JOINTS

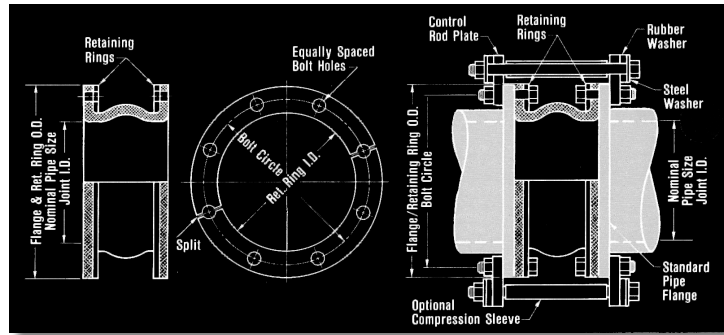
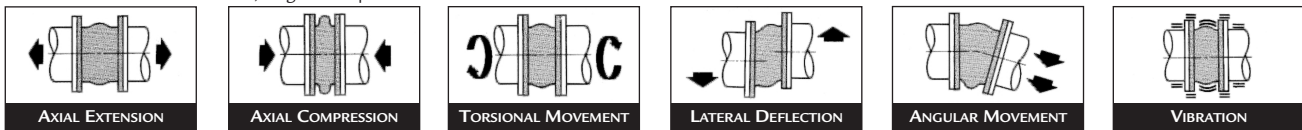


TABLE / SIZES • MOVEMENTS • PRESSURES • WEIGHTS • DRILLING

EXPANSION JOINT SIZE	MOVEMENT CAPABILITY FROM NEUTRAL POSITION				DESIGN PRESSURE (1)		WEIGHT POUNDS			FLANGE DIMENSIONS & DRILLING EXPANSION JOINT / RINGS (2)				
	AXIAL COMPRESSION	AXIAL EXTENSION	LATERAL DEFLECTION	ANGULAR DEFLECTION	POSITIVE PRESSURE PSIG	NEGATIVE VACUUM *HG	EXPANSION JOINT	RETAINING RING SET	CONTROL ROD UNIT	FLANGE WIDTH (3)	D.D. OF FLANGE/RETAINING RING	BOLT CIRCLE	NUMBER OF HOLES	SIZE OF HOLES
2 x 6	.7500	.25	.5000	14	160	26	2.8	4	6.5	.75	6.00	4.75	4	.750
2-1/2 x 6	.7500	.25	.5000	11	160	26	3.2	5	6.5	.75	7.00	5.50	4	.750
3 x 6	.7500	.25	.5000	9	160	26	3.5	6	7.5	.75	7.50	6.00	4	.750
4 x 6	.7500	.25	.5000	8	155	26	5.0	7	8.0	.75	9.00	7.50	8	.750
5 x 6	.7500	.25	.5000	7	150	26	6.3	8	8.0	.75	10.00	8.50	8	.875
6 x 6	.7500	.25	.5000	5	150	26	7.0	9	8.0	.75	11.00	9.50	8	.875
8 x 6	.7500	.25	.5000	5	150	26	10.5	10	10.0	.75	13.50	11.75	8	.875
10 x 8	1.2500	.5000	.6250	4	125	20	19.5	15	13.0	.75	16.00	14.25	12	1.000
12 x 8	1.2500	.5000	.6250	3	125	20	22.0	18	16.0	.75	19.00	17.00	12	1.000
14 x 8	1.2500	.5000	.6250	3	85	15	25.0	25	20.0	.75	21.00	18.75	12	1.125
16 x 8	1.2500	.5000	.6250	2	75	15	29.0	27	20.0	.75	23.50	21.25	16	1.125
18 x 8	1.2500	.5000	.6250	2	75	15	32.5	31	21.0	.75	25.00	22.75	16	1.250
20 x 8	1.2500	.5000	.6250	2	70	12	39.5	38	21.0	.75	27.50	25.00	20	1.250
22 x 10	1.2500	.5000	.6250	2	70	12	45.5	44	32.0	.875	29.50	27.25	20	1.375
24 x 10	1.2500	.5000	.6250	2	70	12	49.0	48	32.0	.875	32.00	29.50	20	1.375
26 x 10	1.2500	.5000	.6250	2	65	10	53.0	57	32.0	.875	34.25	31.75	24	1.375
28 x 10	1.2500	.5000	.6250	2	65	10	58.0	62	32.0	.875	36.50	34.00	28	1.375
30 x 10	1.2500	.5000	.6250	1	65	10	63.0	66	32.0	.875	38.75	36.00	28	1.375
32 x 10	1.2500	.5000	.6250	1	65	10	68.0	75	43.0	.875	41.75	38.50	28	1.625
34 x 10	1.2500	.5000	.6250	1	60	10	76.0	78	43.0	.875	43.75	40.50	32	1.625
36 x 10	1.2500	.5000	.6250	1	60	10	83.5	81	43.0	.875	46.00	42.75	32	1.625
38 x 10	1.2500	.5000	.6250	1	60	10	90.0	95	43.0	.875	48.75	45.25	32	1.625
40 x 10	1.2500	.5000	.6250	1	60	10	96.0	106	43.0	.875	50.75	47.25	36	1.625
42 x 12	1.2500	.5000	.6250	1	50	10	118.0	116	44.0	1.063	53.00	49.50	36	1.625
44 x 12	1.2500	.5000	.6250	1	50	10	129.0	127	44.0	1.063	55.25	51.75	40	1.625
46 x 12	1.2500	.5000	.6250	1	50	10	136.5	132	44.0	1.063	57.25	53.75	40	1.625
48 x 12	1.2500	.5000	.6250	1	50	10	146.0	138	44.0	1.063	59.25	56.00	44	1.625

NOTES:

1. Pressure rating is based on 250° F. At lower operating temperatures, ratings will increase, contact HOLZ for additional information.
2. Dimensions shown are in accordance with 125/150# standard of ANSI B-16.1, B-16.5; AWWA C-207 Table 1 and 2 Class D, AWWA C-207 Table 3 Class E.
3. Flange thickness is HOLZ standard.
4. Contact HOLZ for other sizes, lengths and pressures not listed.



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