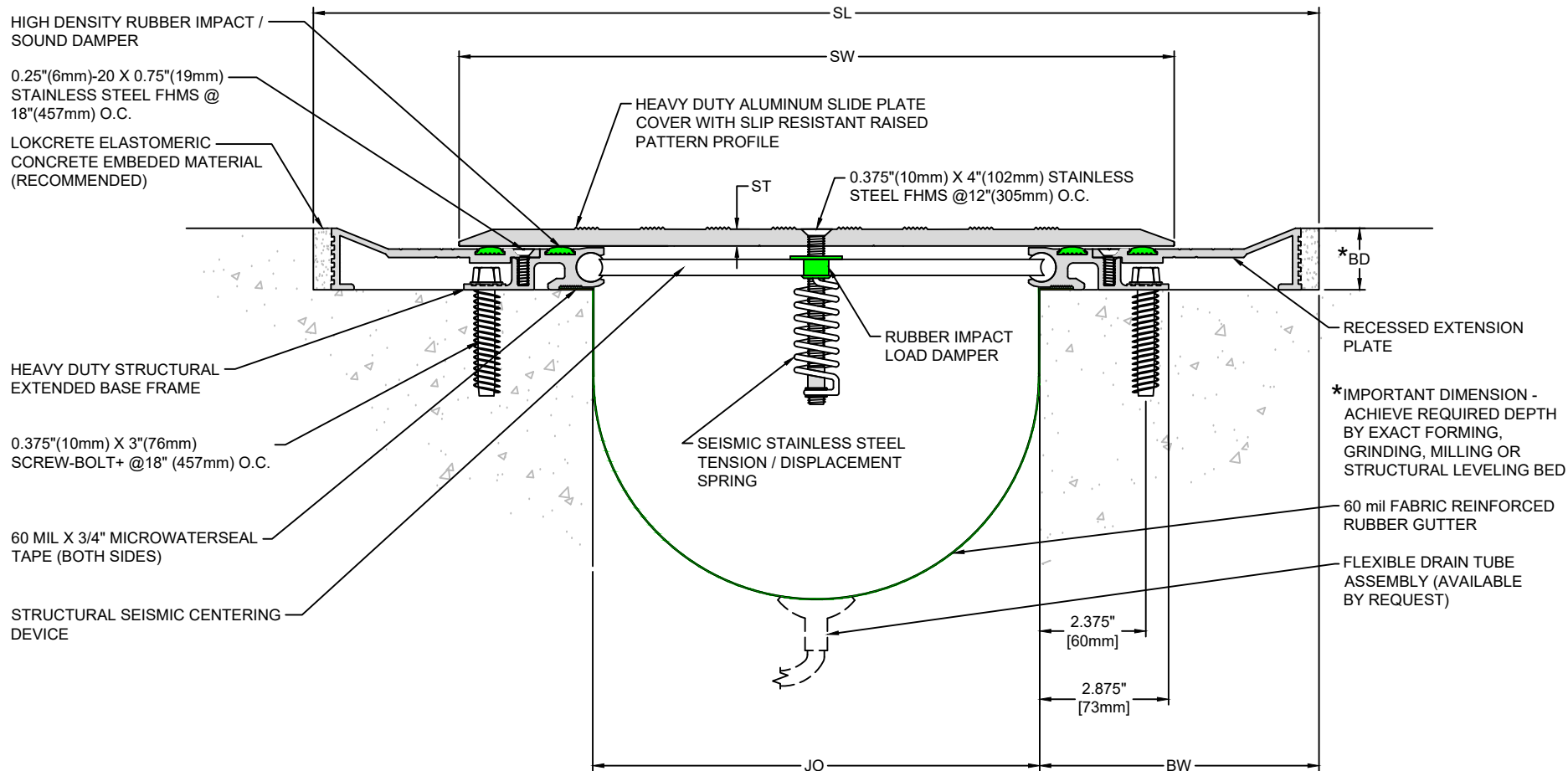




SSP Series Expansion Joint
Sizes 200 through 1200
(Slab-to-Slab)



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Seismic Slide Plate Extra Heavy Duty Expansion Joint

SSP Series (200-1200) / 50% Movement

Drawn by:
 MVP

SHT. 1 OF 3

Scale:
 NTS

Issue Date:
 11/05/2024

Drawing Number:

31300-01

SSP SERIES EXPANSION JOINT MOVEMENT CHART

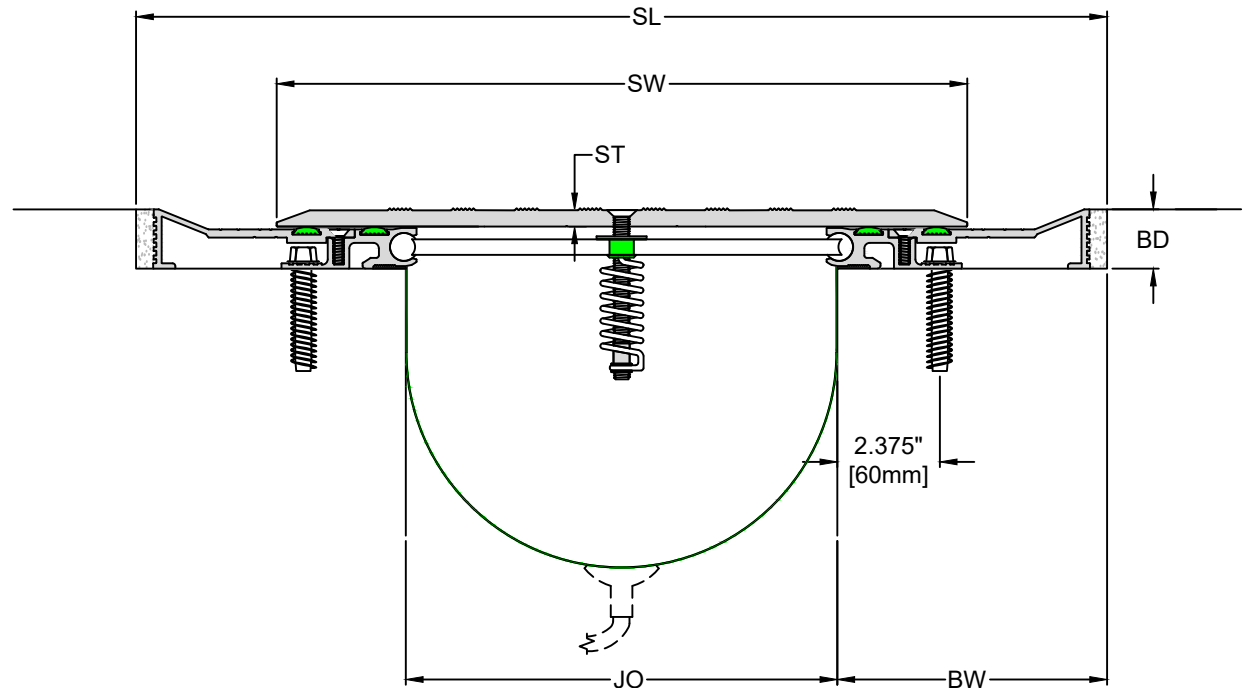
Model Number	Joint Opening (JO ^h)		Sight Line (SL ^h)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)		Slide Plate Thickness (ST)		Slide Plate Width (SW)		Blockout Width (BW)		Blockout Depth (BD)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement									
SSP-200	2.00	51	9.04	230	1.50	38	2.50	64	1.00	25	3.00	76	2.00	51	0.25	6	4.50	114	4.00	102	1.375	35
SSP-400	4.00	102	12.04	306	2.00	51	6.00	152	2.00	51	6.00	152	4.00	102	0.25	6	7.50	191	4.50	114	1.375	35
SSP-600	6.00	152	14.54	369	4.00	102	8.00	203	3.00	76	9.00	229	6.00	152	0.375	10	10.00	254	4.75	121	1.375	35
SSP-800	8.00	203	19.68	500	6.00	152	10.00	254	4.00	102	12.00	305	8.00	203	0.375	10	13.50	343	6.25	159	1.375	35
SSP-1000	10.00	254	21.68	551	8.00	203	12.00	305	5.00	127	15.00	381	10.00	254	0.375	10	16.00	406	6.25	159	1.375	35
SSP-1200	12.00	305	23.68	601	10.00	254	14.00	356	6.00	152	18.00	457	12.00	305	0.50	13	18.50	470	6.25	159	1.375	35

Dimension shown in **inches** (bold) and millimeters. Refer to the SSP AutoCAD file for individual system drawings.

LOAD TABLE

	Auto (Low Speed)
	Maintenance Cart
	Bus (Low Speed)
	AASHTO HS20 (Low Speed)
	Safe Walking Surface

Note: The SSP loading capabilities shown above are based upon average vehicular and equipment weights, wheel types and sizes. For project-specific loading capabilities, contact MM Systems with technical data related to wheel type, contact area (footprint), distributed load per wheel, and speed of traffic.



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Seismic Slide Plate Extra Heavy Duty Expansion Joint

SSP Series (200-1200) / 50% Movement

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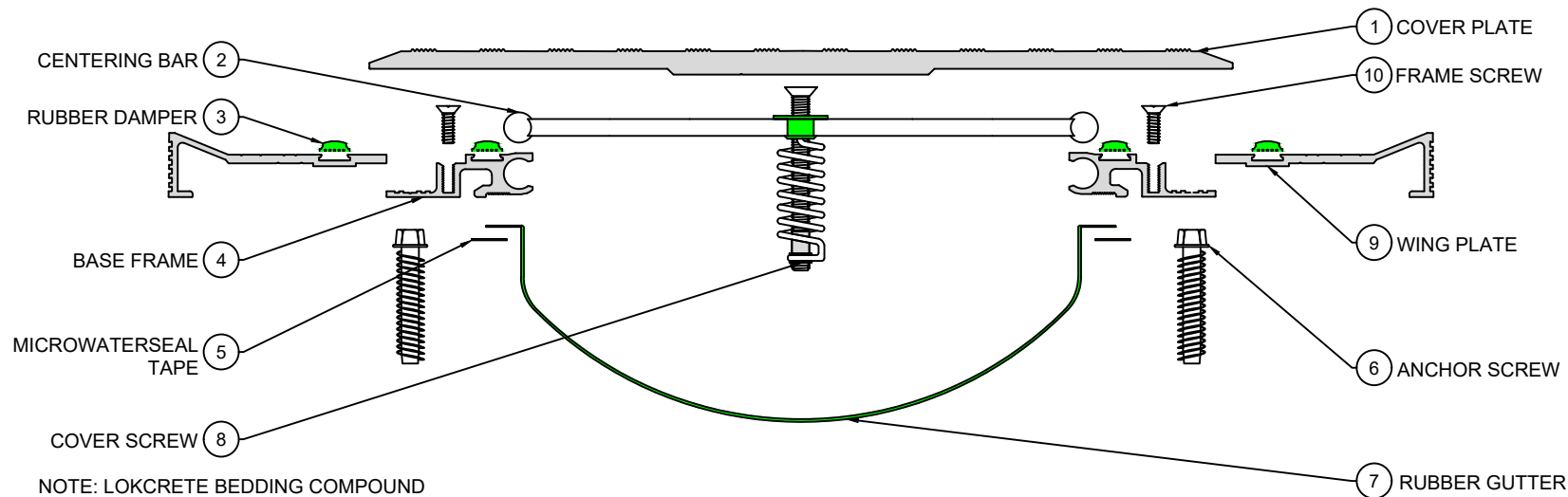
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SHT. 2 OF 3

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EXPLODED VIEW ▲

PART NUMBERS ▼

Locator	Part Component	SSP-200	SSP-400	SSP-600	SSP-800	SSP-1000	SSP-1200
1	Cover Plate	7145-M-10	7146	7147	7148	7149	7150
2	Centering Bar	ASSY-SCD-1000-v2	ASSY-SCD-1000-v2	ASSY-SCD-1400-v2	ASSY-SCD-1700-v2	ASSY-SCD-1700-v2	ASSY-SCD-2000-S001-v2
3	Rubber Damper	8461-65	8461-65	8461-65	8461-65	8461-65	8461-65
4	Base Frame	7130-M-10	7130-M-10	7130-M-10	7130-M-10	7130-M-10	7130-M-10
5	Microwaterseal Tape	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4
6	Anchor Screw	7420	7420	7420	7420	7420	7420
7	Rubber Gutter	9109-12	9109-14	9109-18	9109-24	9109-24	9109-26
8	Cover Screw	8325	8325	8325	8325	8325	8325
9	Wing Plate	7132#0205-M-10-00-18	7132#0213-M-10-00-18	7132#0301-M-10-00-18	7132-M-10-00-18	7132-M-10-00-18	7132-M-10-00-18
10	Frame Screw	9382	9382	9382	9382	9382	9382



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