

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



50 MM WAY
 PENDERGRASS, GA. 30567
 706-824-7500 PHONE

www.mm.systems

For Spec-Data, Install Guides, and other data visit www.mm.systems

RIGHTS OF DESIGN

All rights of design, detail, engineering and/or invention contained herein are the property of MM Systems and hereby reserved and are not to be reproduced or provided to any other party. MM Systems reserves the right to amend or withdraw any information contained herein without notice and will not be liable for any inaccuracy or ambiguity of said information.

Seismic Stainless Steel Slide Plate Extra Heavy Duty Expansion Joint

SSS Series (200-1200) / 50% Movement

Drawn by:
 LRM

SHT. 1 OF 3

Scale:
 NTS

Issue Date:
 03/03/2025

Drawing Number:




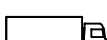

31300-01

SSS SERIES EXPANSION JOINT MOVEMENT CHART

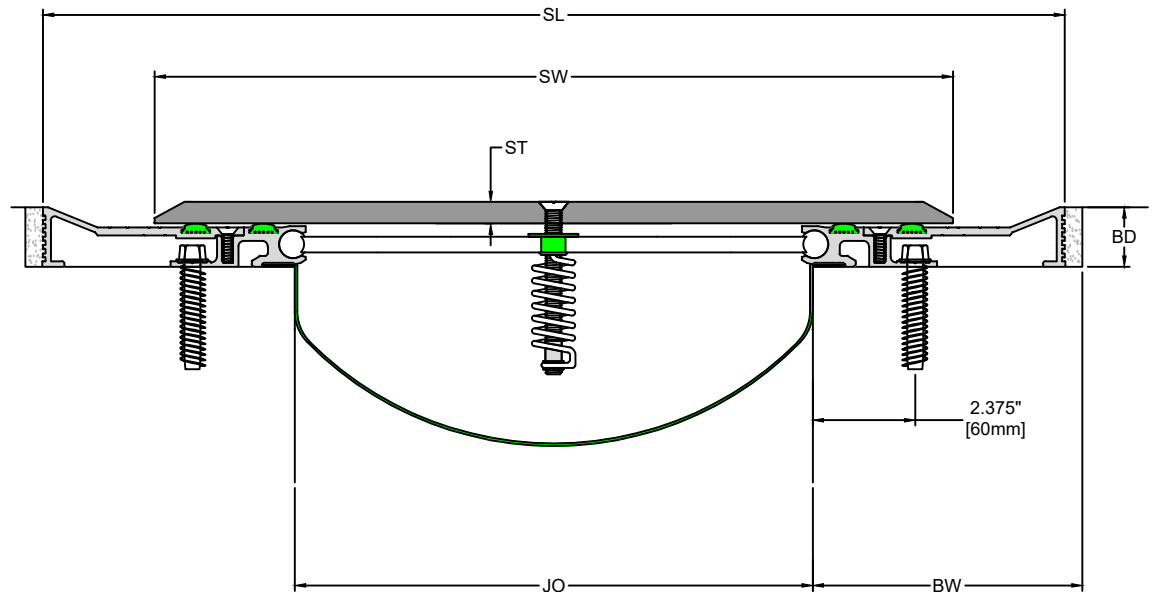
Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)		Slide Plate Thickness (ST)		Slide Plate Width (SW)		Blockout Width (BW)		Blockout Depth (BD)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement									
SSS-200	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
SSS-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
SSS-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
SSS-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
SSS-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
SSS-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 SSS AutoCAD file for individual system drawings.

LOAD TABLE

	Auto (Low Speed)
	Maintenance Cart
	Emergency Vehicle (Low Speed)
	AASHTO HS20 (Low Speed)
	Bus (Low Speed)

Note: The SSS 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.



50 MM WAY
PENDERGRASS, GA. 30567
706-824-7500 PHONE

www.mm.systems

For Spec-Data, Install Guides, and other data visit www.mm.systems

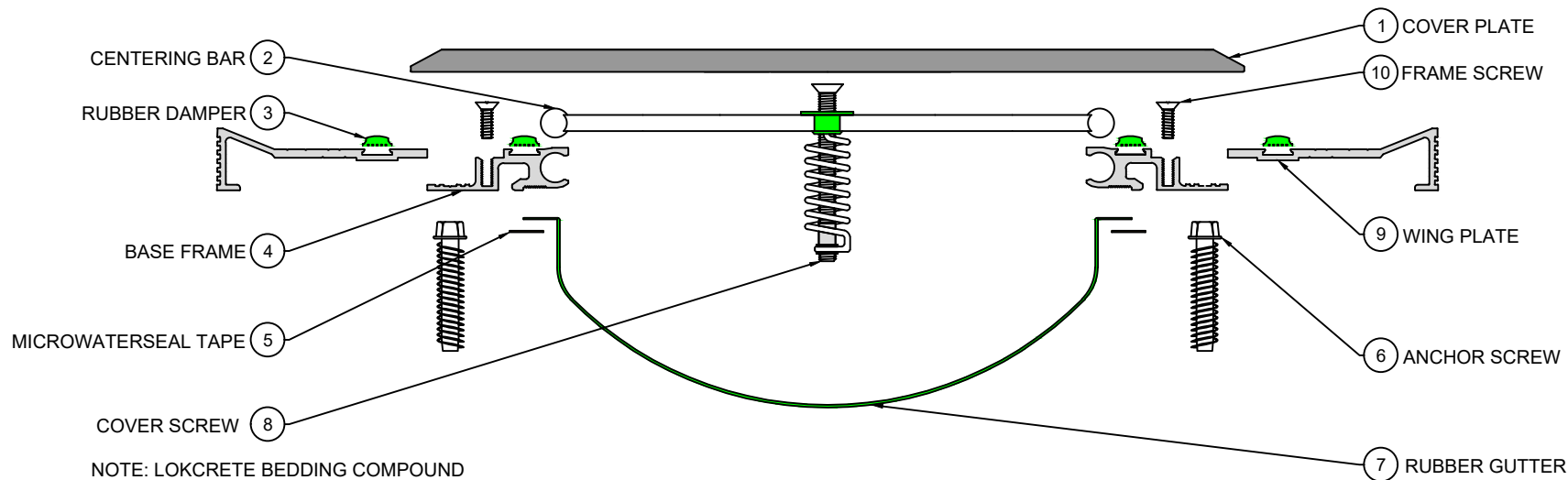
RIGHTS OF DESIGN

All rights of design, detail, engineering and/or invention contained herein are the property of MM Systems and hereby reserved and are not to be reproduced or provided to any other party. MM Systems reserves the right to amend or withdraw any information contained herein without notice and will not be liable for any inaccuracy or ambiguity of said information.

Seismic Stainless Steel Slide Plate Extra Heavy Duty Expansion Joint

SSS Series (200-1200) / 50% Movement

Drawn by: LRM	Scale: NTS	Drawing Number: 31300-01
SHT. 2 OF 3	Issue Date: 03/03/2025	



EXPLODED VIEW ▲

PART NUMBERS ▼

Locator	Part Component	SSS-200	SSS-400	SSS-600	SSS-800	SSS-1000	SSS-1200
1	Cover Plate						
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



MM[®]
SYSTEMS

50 MM WAY
PENDERGRASS, GA. 30567
706-824-7500 PHONE

www.mm.systems

For Spec-Data, Install Guides, and other data visit www.mm.systems

RIGHTS OF DESIGN

All rights of design, detail, engineering and/or invention contained herein are the property of MM Systems and hereby reserved and are not to be reproduced or provided to any other party. MM Systems reserves the right to amend or withdraw any information contained herein without notice and will not be liable for any inaccuracy or ambiguity of said information.

Seismic Stainless Steel Slide Plate Extra Heavy Duty Expansion Joint

SSS Series (200-1200) / 50% Movement

Drawn by:
LRM

Scale:
NTS

Drawing Number:

SHT. 3 OF 3

Issue Date:
03/03/2025

31300-01