

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



MM[®]
 SYSTEMS

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Split Slab Covered Seismic System
SCS Series (200-1200)

Drawn by: LRM	Scale: NTS	Drawing Number: 31075-01
SHT. 1 OF 3	Issue Date: 02/24/2026	

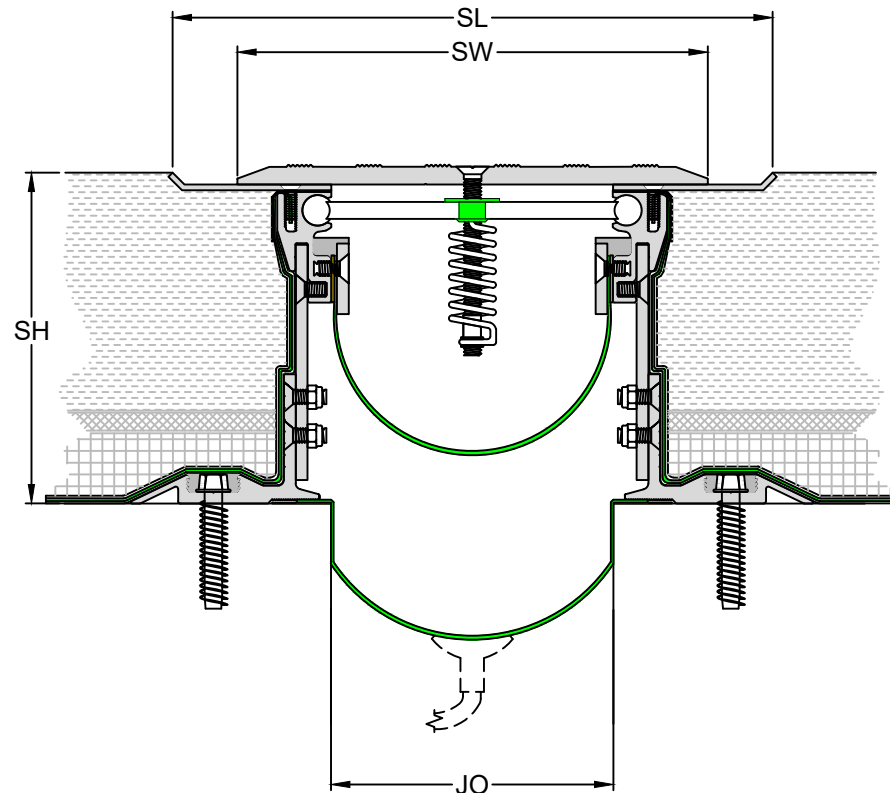
SCS SERIES EXPANSION JOINT MOVEMENT CHART

Model Number	Joint Opening (JO ^M)		Sight Line (SL ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)		Slide Plate Thickness (ST)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement			
SCS-200	2.00	51	6.00	152	1.00	25	3.00	76	1.00	25	3.00	76	2.00	51	0.25	6
SCS-400	4.00	102	10.00	254	2.00	51	6.00	152	2.00	51	6.00	152	4.00	102	0.25	6
SCS-600	6.00	152	12.75	324	4.00	102	8.00	203	3.00	76	9.00	229	6.00	152	0.38	10
SCS-800	8.00	203	16.25	413	6.00	152	10.00	254	4.00	102	12.00	305	8.00	203	0.38	10
SCS-1000	10.00	254	18.75	476	8.00	203	12.00	305	5.00	127	15.00	381	10.00	254	0.38	10
SCS-1200	12.00	305	21.25	540	10.00	254	14.00	356	6.00	152	18.00	457	12.00	305	0.50	13

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

LOAD TABLE	
	Extreme Weather
	Auto (Low Speed)
	Safe Walking Surface
	Passenger Cart

Note: The SCS loading capabilities shown above are based upon average 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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Split Slab Covered Seismic System SCS Series (200-1200)

Drawn by:
LRM

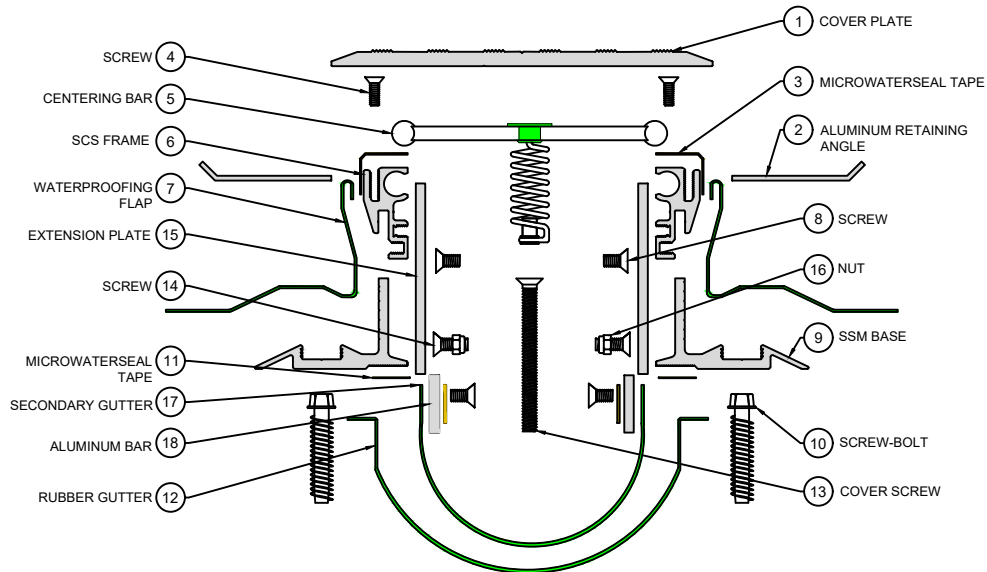
Scale:
NTS

Drawing Number:

SHT. 2 OF 3

Issue Date:
02/24/2026

31075-01



EXPLODED VIEW ▲

▼ PART NUMBERS

Locator	Part Component	SCS-200	SCS-400	SCS-600	SCS-800	SCS-1000	SCS-1200
1	Cover Plate	7145-M-10	7146	7147	7148	7149	7150
2	Aluminum Retaining Angle	WPEA-AM-10-0112-00-24	WPEA-AM-10-0212-00-24	WPEA-AM-10-0300-00-24	WPEA-AM-10-0312-00-24	WPEA-AM-10-0400-00-24	WPEA-AM-10-0408-00-24
3	Microwaterseal Tape	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2
4	Screw	9382	9382	9382	9382	9382	9382
5	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
6	SSM Frame	7431#0208	7431#0208	7431#0206	7431#0206	7431#0206	7431#0206
7	Waterproofing Flap	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12
8	Screw	9348	9348	9348	9348	9348	9348
9	SCS Base	7431 #0212	7431 #0212	7431 #0212	7431 #0212	7431 #0212	7431 #0212
10	Screw-Bolt	7420	7420	7420	7420	7420	7420
11	Microwaterseal Tape	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1
12	Rubber Gutter	9109-12	9109-14	9109-18	9109-24	9109-26	9109-26
13	Cover Screw	8325	8325	8325	8325	8325	8325
14	Screw	9558-1/2	9558-1/2	9558-1/2	9558-1/2	9558-1/2	9558-1/2
15	Extension Plate	Project Specific	Project Specific	Project Specific	Project Specific	Project Specific	Project Specific
16	Nut	9397	9397	9397	9397	9397	9397
17	Secondary Gutter	9109-12	9109-14	9109-18	9109-24	9109-26	9109-26
18	Aluminum Bar	8004-M-12	8004-M-12	8004-M-12	8004-M-12	8004-M-12	8004-M-12



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