

RSC Series Expansion Joint
 Sizes 450 through 1200
 (Slab-to-Slab)



MM[®]
SYSTEMS

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Rubber Safety Cover Expansion Joint RSC Series (450-1200)

Drawn by:
 JRC

SHT. 1 OF 3

Scale:
 NTS





Issue Date:
 09/10/2024

Drawing Number:

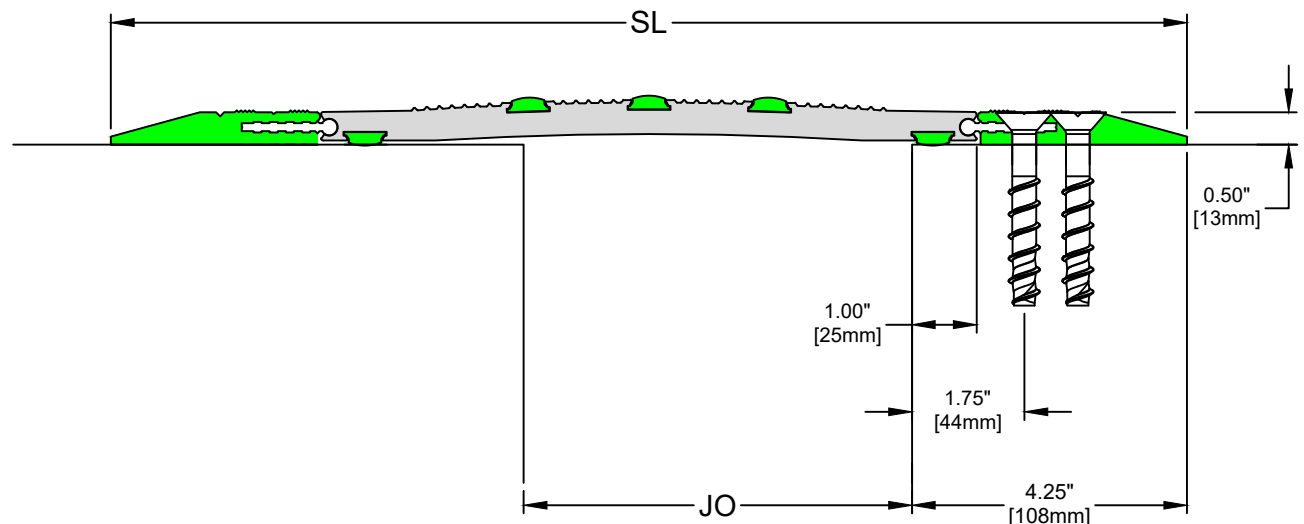
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RSC SERIES EXPANSION JOINT MOVEMENT CHART														
Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement	
RSC-450	1.00	25	13.00	330	0.00	0	3.00	76	0.00	0	4.50	114	4.50	114
RSC-450	2.00	51	13.00	330	0.00	0	4.00	102	0.00	0	4.50	114	4.50	114
RSC-450	3.00	76	13.00	330	1.00	25	4.50	114	0.00	0	4.50	114	4.50	114
RSC-450	4.00	102	17.00	432	2.00	51	6.00	152	0.00	0	8.50	216	8.50	216
RSC-850	5.00	127	17.00	432	3.00	76	7.00	178	0.00	0	8.50	216	8.50	216
RSC-850	6.00	152	17.00	432	4.00	102	8.00	203	0.00	0	8.50	216	8.50	216
RSC-1000	6.00	152	18.50	470	4.00	102	8.00	203	0.00	0	10.00	254	10.00	254
RSC-1000	7.00	178	18.50	470	5.00	127	9.00	229	0.00	0	10.00	254	10.00	254
RSC-1200	7.00	178	20.50	521	5.00	127	9.00	229	0.00	0	12.00	305	12.00	305
RSC-1200	8.00	279	20.50	521	6.00	152	10.00	254	0.00	0	12.00	305	12.00	305

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

LOAD TABLE	
	Auto (Low Speed)
	Emergency Vehicle (Low Speed)
	Bus (Low Speed)
	AASHTO HS20 (Low Speed)

Note: The RSC 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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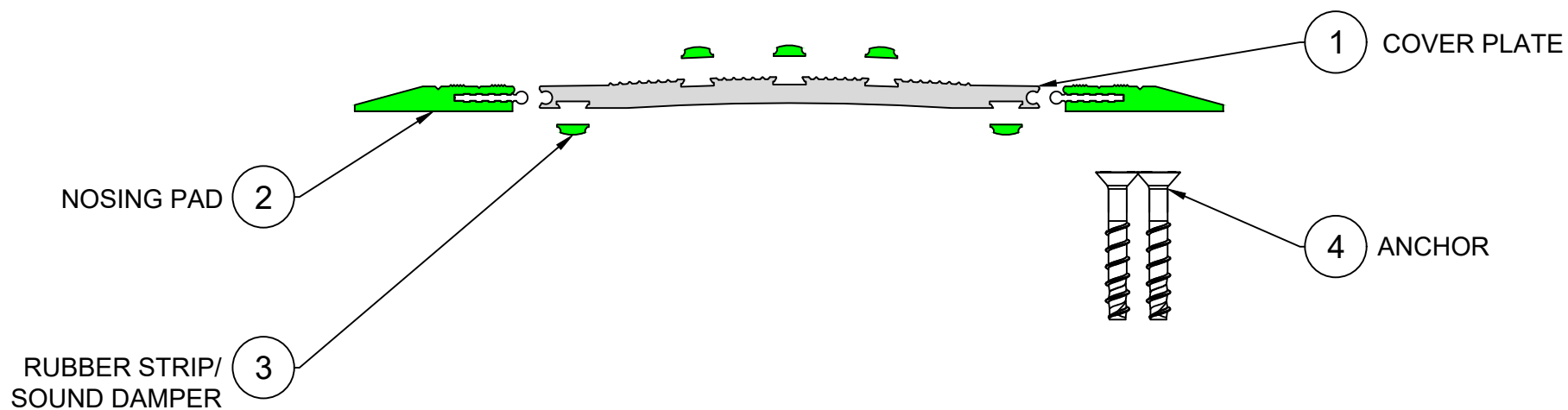
SHT. 2 OF 3

Scale:
NTS

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EXPLODED VIEW ▲

PART NUMBERS ▼

Locator	Part Designation	RSC-450	RSC-850	RSC-1000	RSC-1200
1	Cover Plate	8475-M-10	8476-M-10	8487-M-10	8488-M-10
2	Nosing Pad	8464-65-10	8464-65-10	8464-65-10	8464-65-10
3	Rubber Strip/Sound Damper	8461	8461	8461	8461
4	Anchor	7420-FH	7420-FH	7420-FH	7420-FH



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SHT. 3 OF 3

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