

BIS-C Series Expansion Joint Sizes 400 through 1200 (Slab-to-Wall)



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Bolt-In Seismic Expansion Joint

BIS-C Series (400-1200) / 50% Movement

Drawn by:

JRC

Scale:

NTS

Drawing Number:

SHT. 1 OF 3

Issue Date:
12/21/23






30250-03A

BIS-C SERIES EXPANSION JOINT MOVEMENT CHART (400-1200) / 50% MOVEMENT

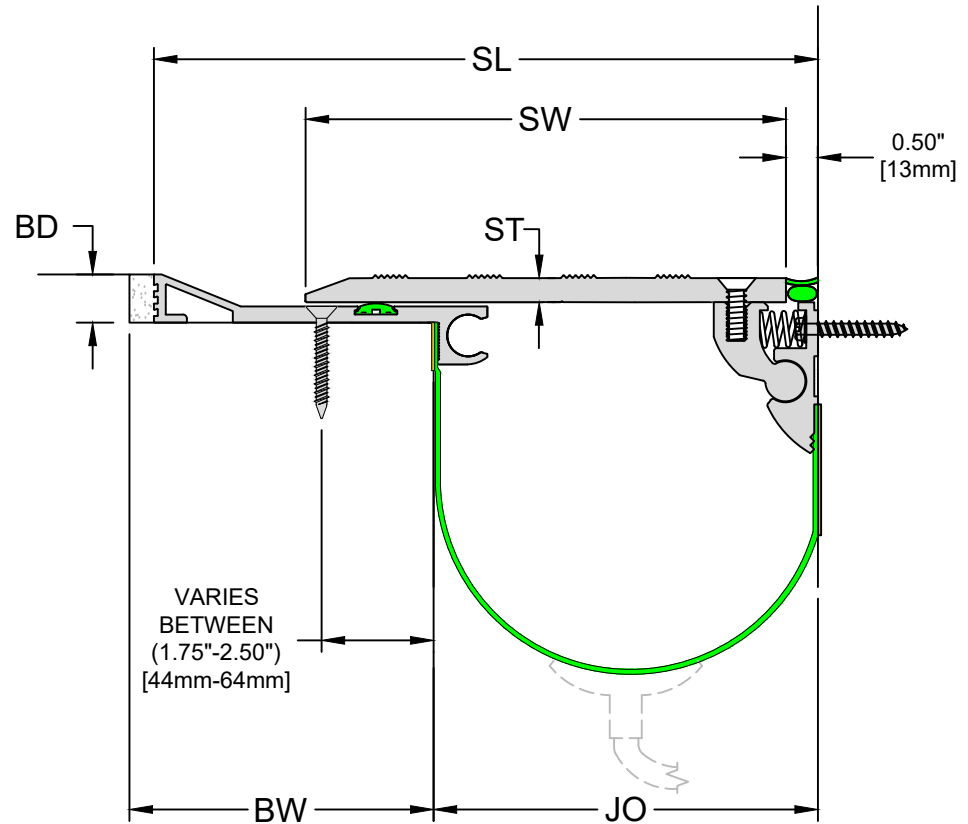
Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)		Slide Plate Thickness (ST)		Slide Plate Width (SW)		Blockout Width (BW)		Blockout Depth (BD)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement									
BIS-C-400	4.00	102	8.34	212	3.00	76	5.00	127	3.00	76	5.00	127	2.00	51	0.250	6	5.25	133	4.75	121	0.750	19
BIS-C-600	6.00	152	10.34	263	5.00	127	7.00	178	4.50	114	7.50	191	3.00	76	0.375	10	7.50	191	4.75	121	0.750	19
BIS-C-800	8.00	203	13.87	352	7.00	178	9.00	229	6.00	152	10.00	254	4.00	102	0.375	10	10.25	260	6.25	159	0.750	19
BIS-C-1000	10.00	254	15.87	403	9.00	229	11.00	279	7.50	191	12.50	318	5.00	127	0.375	10	12.50	318	6.25	159	0.750	19
BIS-C-1200	12.00	305	17.87	454	11.00	279	13.00	330	9.00	229	15.00	381	6.00	152	0.500	13	14.75	375	6.25	159	0.750	19

Dimension shown in **inches** (bold) and millimeters. Refer to the BIS-C 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 BIS 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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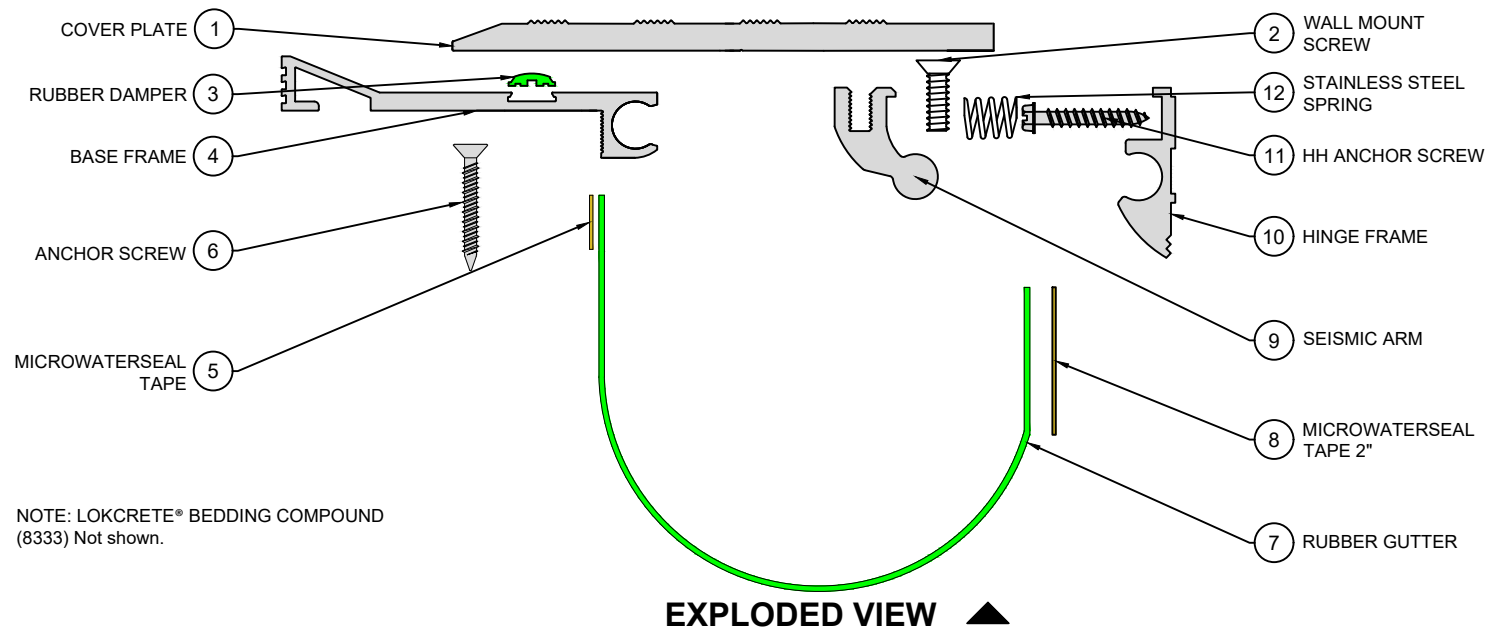
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PART NUMBERS ▼

Locator	Part Component	BIS-400	BIS-600	BIS-800	BIS-1000	BIS-1200
1	Cover Plate	7146#0504-M-10-01-18	7147#-M-10-0708-01-12	7148#-M-10-1004-01-18	7149#-M-10-1208-01-18	7150#1412-M-10-01-18
2	Wall Mount Screw	9349	9349	9349	9349	9349
3	Rubber Damper	8461-65	8461-65	8461-65	8461-65	8461-65
4	Base Frame	ASSY-71397141-M-10-00-18	ASSY-71397141-M-10-00-18	ASSY-71387141-M-10-00-18	ASSY-71387141-M-10-00-18	ASSY-71387141-M-10-00-18
5	Microwaterseal Tape	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$
6	Anchor Screw	9406	9406	9406	9406	9406
7	Rubber Gutter	9109-14	9109-18	9109-24	9109-26	9109-26
8	Microwaterseal Tape	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2
9	Seismic Arm	8357	8357	8357	8357	8357
10	Hinge Frame	8358	8358	8358	8358	8358
11	HH Anchor Screw	9397	9397	9397	9397	9397
12	Stainless Steel Spring	8317	8317	8317	8317	8317



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