

**** NOMINAL STRUCTURAL JOINT
WIDTH INCREASED 3 INCHES
TO ACCOMMODATE FULL
CLOSURE**

BIS-Plus Series Expansion Joint

**Sizes 400+ through 600+
(Slab-to-Slab)**



MM[®]
SYSTEMS

50 MM WAY
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706-824-7500 PHONE

www.mm.systems

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Bolt-In Seismic Expansion Joint

BIS-Plus Series (400+ to 600+) / 100% Movement

Drawn by:
JRC

SHT. 1 OF 3

Scale:
NTS

Issue Date:
12/21/23

Drawing Number:

30250-01B






BIS-PLUS SERIES EXPANSION JOINT MOVEMENT CHART (400-600) / 100% 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-400+	7.00	178	18.74	476	5.00	127	9.00	229	3.00	76	11.00	279	8.00	203	0.375	10	13.50	343	6.00	152	0.750	19
BIS-600+	9.00	229	20.74	527	7.00	178	11.00	279	3.00	76	15.00	381	12.00	305	0.375	10	16.00	406	6.00	152	0.750	19

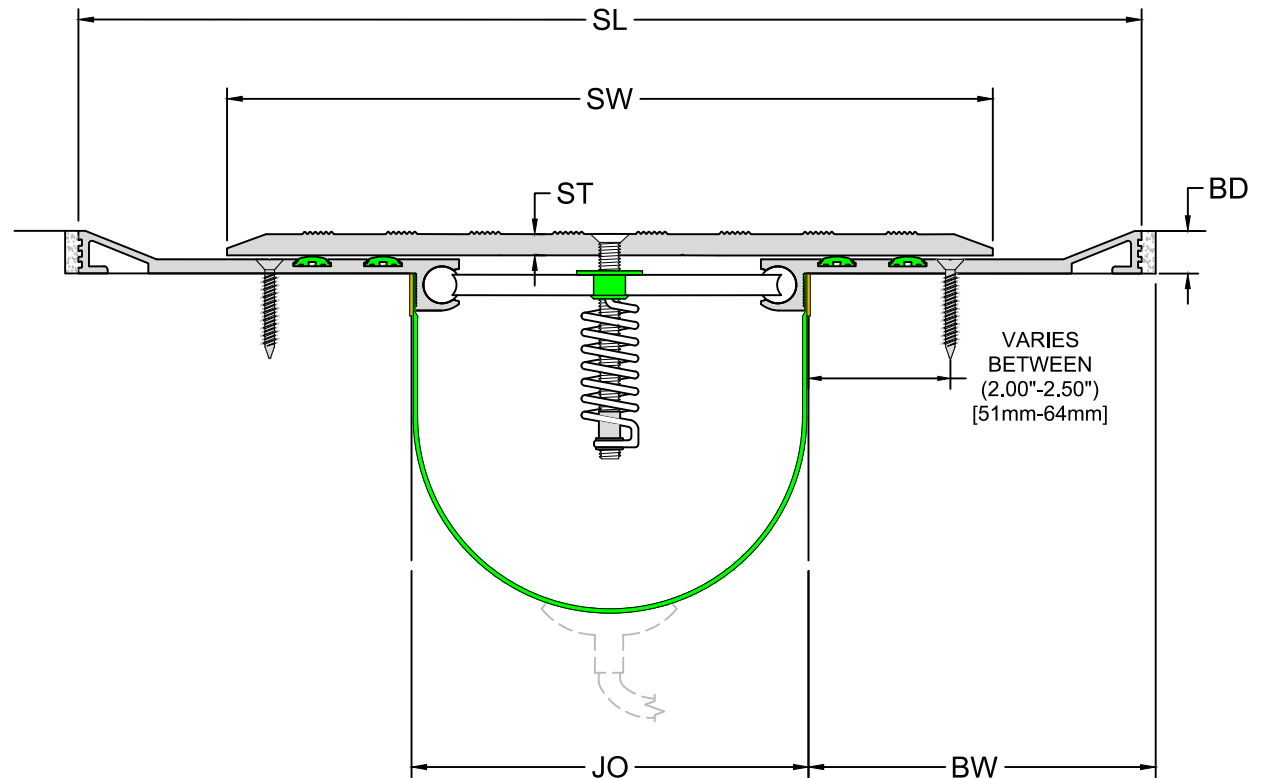
Dimension shown in **inches** (bold) and millimeters. Refer to the BIS-Plus AutoCAD file for individual system drawings.

****Nominal structural joint width increased 3 inches to accommodate full closure.**

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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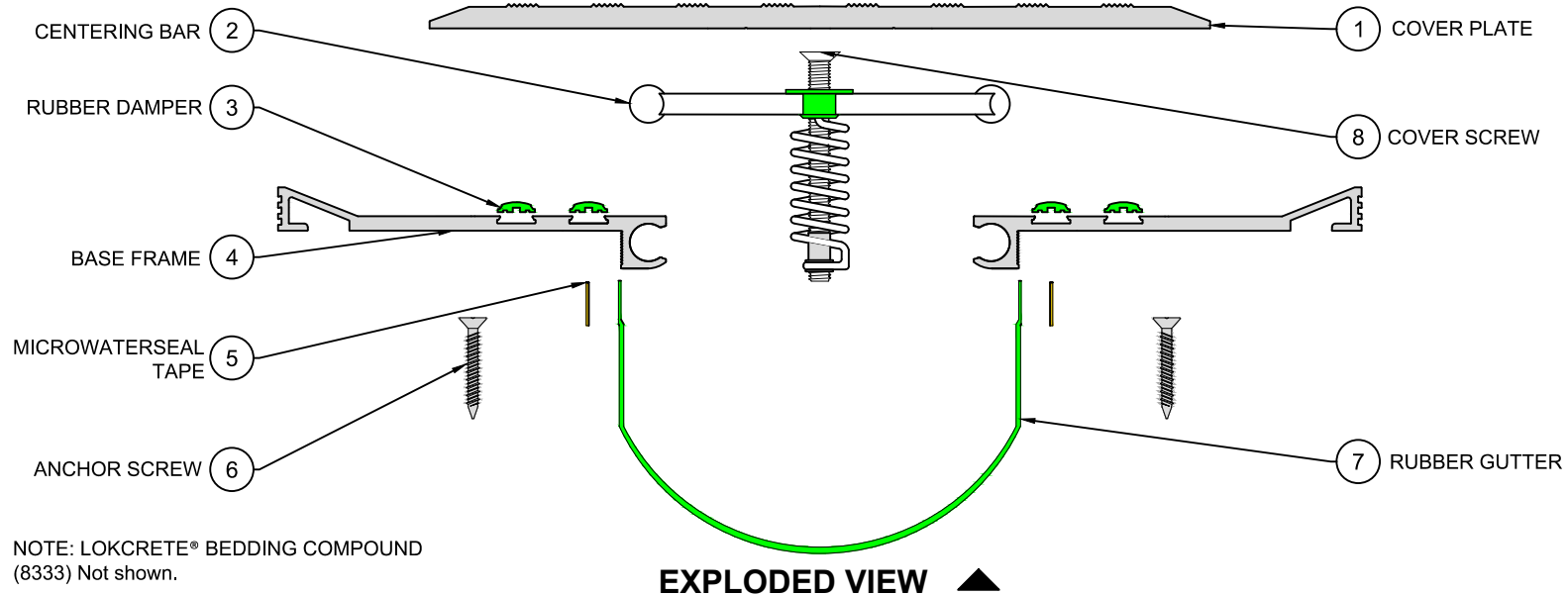
SHT. 2 OF 3

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PART NUMBERS ▼

Locator	Part Component	BIS-400+	BIS-600+
1	Cover Plate	7148-M-10-02-18	7149-M-10-02-18-D
2	Centering Bar	ASSY-SCD-1200	ASSY-SCD-1700-v2
3	Rubber Damper	8461-65	8461-65
4	Base Frame	ASSY-71387141-M-10-00-18	ASSY-71387141-M-10-00-18
5	Microwaterseal Tape	MICROWATERSEAL60X $\frac{3}{4}$	MICROWATERSEAL60X $\frac{3}{4}$
6	Anchor Screw	9406	9406
7	Rubber Gutter	9109-24	9109-26
8	Cover Screw	9346	9346



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