

STC Series Expansion Joint
Sizes 1000 through 1800
(Floor-to-Floor)



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

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Seismic Flush Metal Cover Expansion Joint






STC Series (1000-1800)

Drawn by: LRM	Scale: NTS	Drawing Number: 17000-01
SHT. 1 OF 3	Issue Date: 01/03/2023	

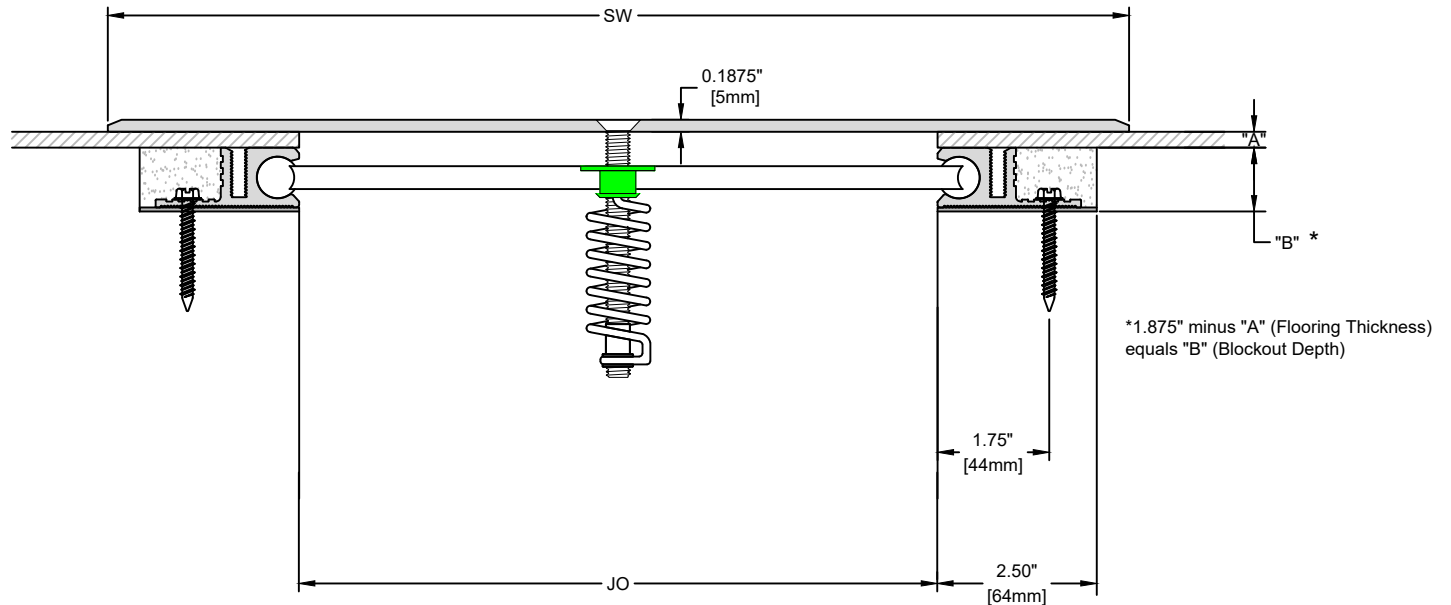
STC SERIES EXPANSION JOINT MOVEMENT CHART / 50% MOVEMENT

Model Number	Joint Opening (JO ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)		Slide Plate Width (SW)	
	Nominal		Minimum		Maximum		Minimum		Maximum		Movement			
STC-1000	10.00	254	9.50	241	10.50	267	5.00	127	15.00	381	10.00	254	16.00	406
STC-1200	12.00	305	11.50	292	12.50	318	6.00	152	18.00	457	12.00	305	19.00	483
STC-1400	14.00	356	13.50	343	14.50	368	7.00	178	21.00	533	14.00	356	22.00	559
STC-1600	16.00	406	15.50	394	16.50	419	8.00	203	24.00	610	16.00	406	25.00	635
STC-1800	18.00	457	17.50	445	18.50	470	9.00	229	27.00	686	18.00	457	28.00	711

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

LOAD TABLE	
	Safe Walking Surface
	Hand Truck
	Shopping Cart
	Utility Cart
	Floor Polisher

Note: The STC 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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LRM

Scale:

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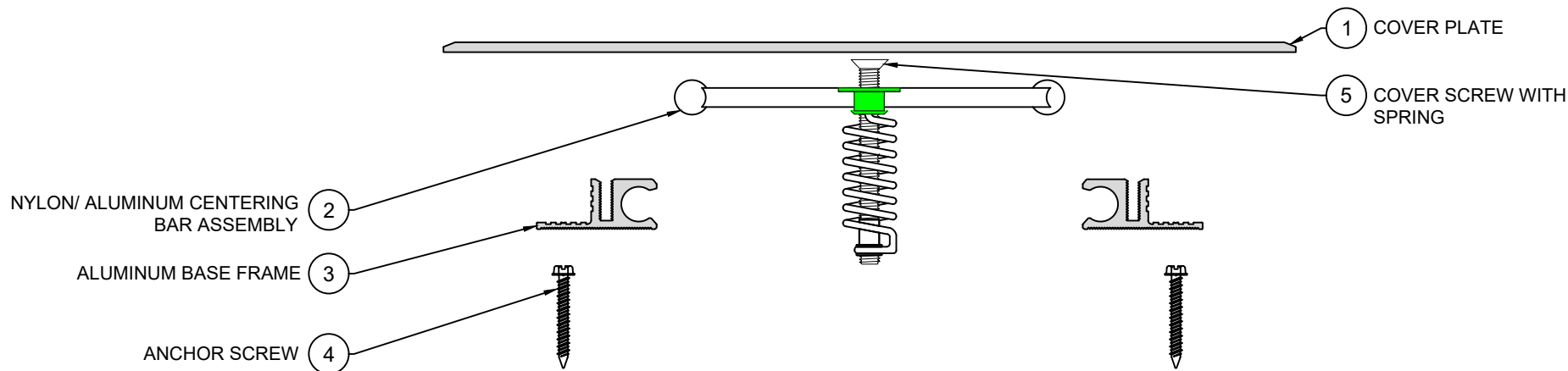
Drawing Number:

SHT. 2 OF 3

Issue Date:

01/03/2023

17000-01



NOTE: LOKCRETE® BEDDING COMPOUND (8333) Not shown.

EXPLODED VIEW ▲

PART NUMBERS ▼

Locator	Part Component	STC-1000	STC-1200	STC-1400	STC-1600	STC-1800
1	Cover Plate	CPBB-AT-10-1600-02-2 4	CPBB-AT-10-1900-02-2 4	CPBB-AT-10-2200-02-2 4	CPBB-AT-10-2500-02-2 4	CPBB-AT-10-2800-02-2 4
2	Nylon/ Aluminum Centering Bar Assembly	ASSY-SCD-1700-N	ASSY-SCD-2000-S001-N	ASSY-SCD-2400-S001-N	ASSY-SCD-2600-S001-N	ASSY-SCD-3000-S001-N
3	Aluminum Base Frame	7128-M-10	7128-M-10	7128-M-10	7128-M-10	7128-M-10
4	Anchor Screw	9397	9397	9397	9397	9397
5	Cover Screw with Spring	8325	8325	8325	8325	8325



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