

SMF Series Expansion Joint Sizes 200 through 800 (Floor-to-Floor)



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Surface Mount Floor Centering Cover Expansion Joint






SMF Series (200-800)

Drawn by: LRM	Scale: NTS	Drawing Number:
SHT. 1 OF 3	Issue Date: 11/24/2025	10600-01

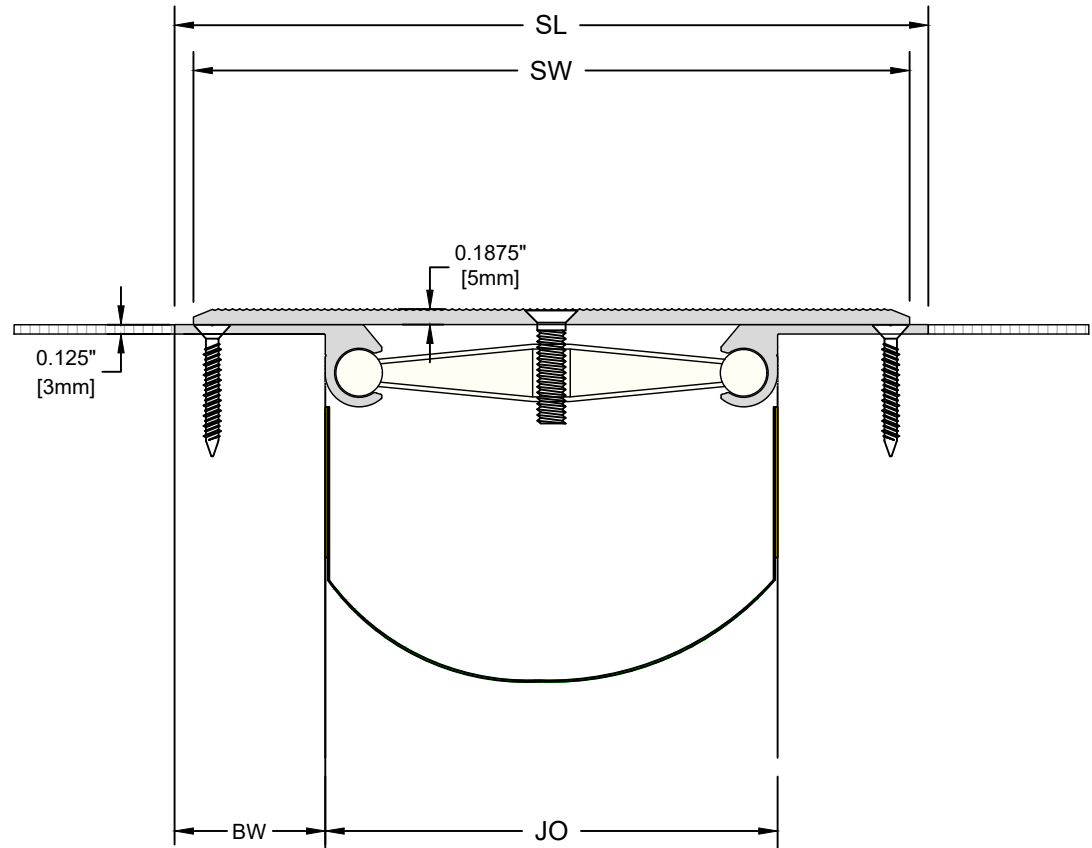
SMF SERIES EXPANSION JOINT MOVEMENT CHART / 50% MOVEMENT

Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)		Blockout Width (BW)		Slide Plate Width (SW)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement					
SMF-200	2.00	102	4.13	105	1.50	38	2.50	64	1.00	25	3.00	76	2.00	51	2.75	70	4.125	105
SMF-300	3.00	152	5.38	137	2.50	64	3.50	89	1.50	38	4.50	114	3.00	76	2.00	51	5.375	137
SMF-400	4.00	203	6.50	165	3.50	89	4.50	114	2.00	51	6.00	152	4.00	102	2.00	51	6.50	165
SMF-600	6.00	254	9.50	241	5.50	140	6.50	165	3.00	76	9.00	229	6.00	152	2.00	51	9.50	241
SMF-800	8.00	305	13.25	337	7.50	191	8.50	216	4.00	102	12.00	305	8.00	203	2.00	51	13.25	337

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

LOAD TABLE	
	Safe Walking Surface
	Hand Truck
	Shopping Cart
	Utility Cart
	ADA Compliant

Note: The SMF 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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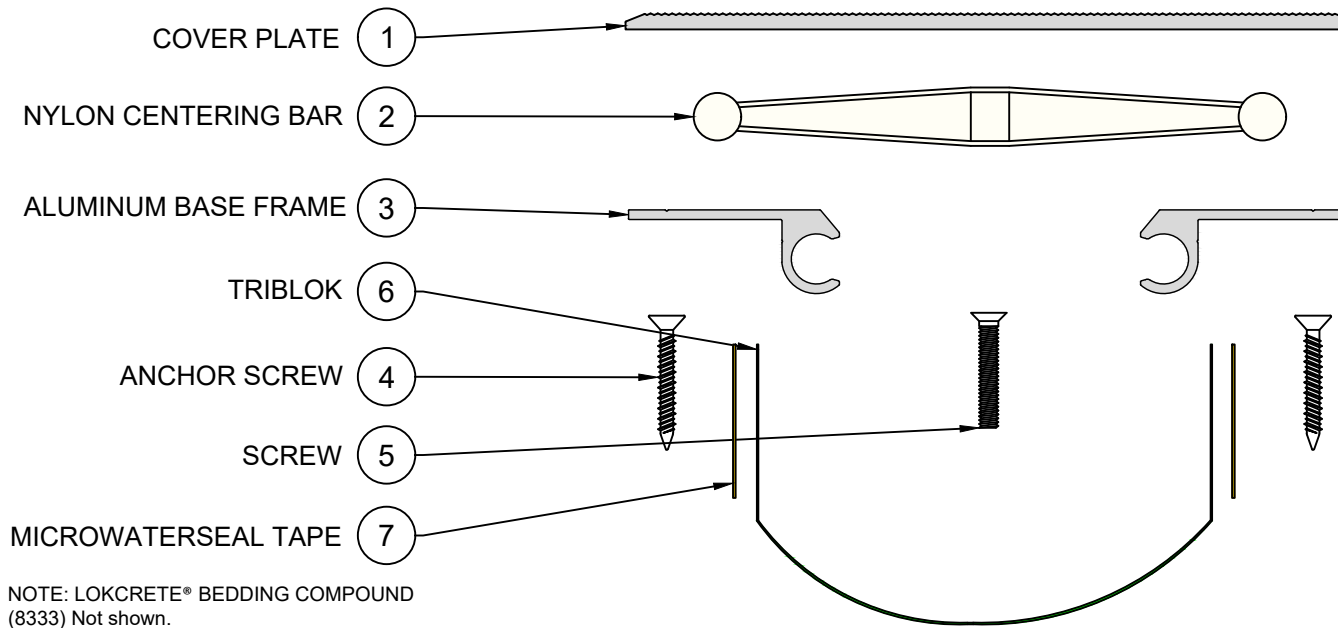
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Surface Mount Floor Centering Cover Expansion Joint

SMF Series (200-800)

Drawn by: LRM	Scale: NTS	Drawing Number: 10600-01
SHT. 2 OF 3	Issue Date: 11/24/2025	



EXPLODED VIEW ▲

PART NUMBERS ▼

Locator	Part Component	SMF-200	SMF-300	SMF-400	SMF-600	SMF-800
1	Cover Plate	7158#0402-M-10-00-18	7158#0506-M-10-00-18	7158#0608-M-10-00-18	7158#0908-M-10-00-18	7158#1304-M-10-00-18
2	Nylon Centering Bar	7080	7080	7080	7080	7080
3	Aluminum Base Frame	8494-M-10	8494-M-10	8494-M-10	8494-M-10	8494-M-10
4	Anchor Screw	9377	9377	9377	9377	9377
5	Screw	8325	8325	8325	8325	8325
6	TriBlok Moisture Barrier (Optional)	MBTB-10.5	MBTB-10.5	MBTB-10.5	MBTB-10.5	MBTB-21
7	Microwaterseal Tape (Optional)	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2



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Surf Mount Floor Centering Cover Expansion Joint

SMF Series (200-800)

Drawn by: LRM	Scale: NTS	Drawing Number: 10600-01
SHT. 3 OF 3	Issue Date: 11/24/2025	