

ITEM NUMBER SA(W1)-(L1)-(D1)	w1	L1	D1	x1	w2	L2	x2	w3	L3	x3	w4	d4	x4	d5	x5	w6	L6	x6	L7	L9	STROKE 1
SA55-130-00	55	130	00	23	32.2	32.6	14	34	15	23	22	4	10	M6	7	12.4	130	12.4	15.6	10.5	4-60
SA55-130-15			15														160				
SA55-130-25			25																		
SA55-160-00		160	00																		
SA55-160-15			15														160				
SA55-160-25			25																		
SA65-150-00	65	150	00	26	38.2	35	16.3	40	16	25	26	4	10	M8	10	16.4	150	15.4	17	12	5-80
SA65-150-18			18														200				
SA65-150-32			32																		
SA65-200-00		200	00																		
SA65-200-18			18														200				
SA65-200-32			32																		
SA80-200-00	80	200	00	31	49.2	42	19	52	20	30	32	5	12	M10	12	20.4	200	16.4	20	14	6-110
SA80-200-25			25														250				
SA80-200-50			50																		
SA80-250-00		250	00																		
SA80-250-25			25														250				
SA80-250-50			50																		
SA95-250-00	95	250	00	38	62.2	54	24	66	27	38	40	6	15	M12	14	25.4	250	23	25	16	7-140
SA95-250-30			30														300				
SA95-250-55			55																		
SA95-300-00		300	00																		
SA95-300-30			30														300				
SA95-300-55			55																		

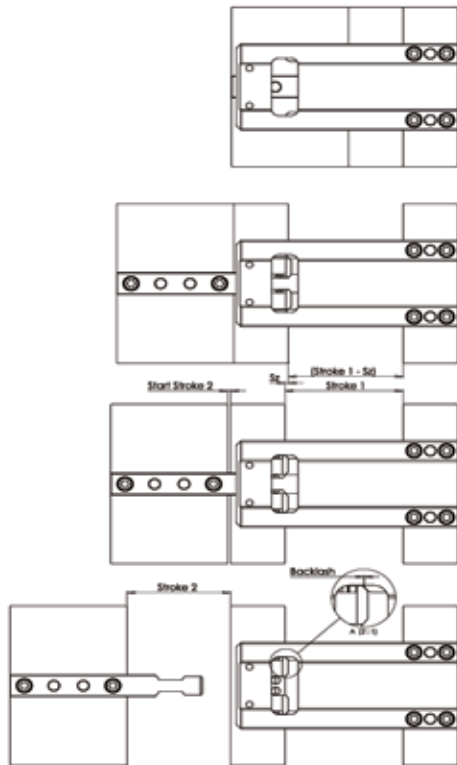
# External Latch Lock

## Positive and Precise Positioning of Floating Plates

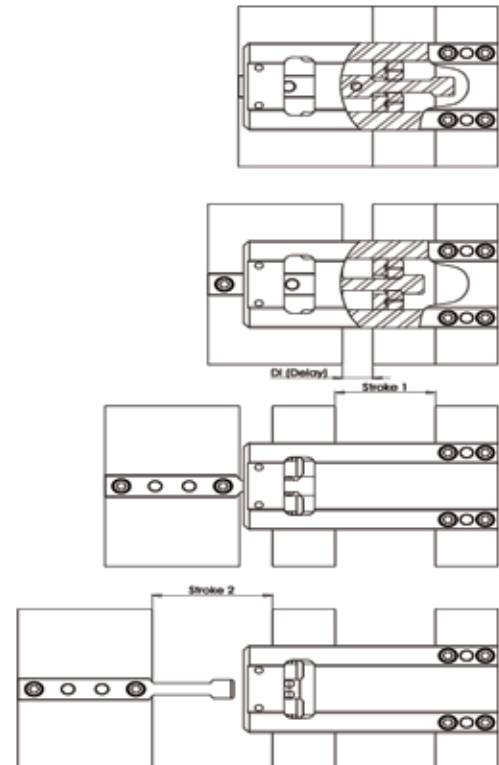
### DME External Latch Lock Allows Precision Control of Mold Plate Latching Operation

- Ideal for molds with floating plates, including stripper plates & 3-plate molds
- Floating plates are positively locked in place during mold opening and closing, preventing potential mold damage
- Ensures floating plates will be where they should be throughout the life of the mold
- Positively and precisely positions plates every time the mold opens and closes, allowing molds to run faster
- Simplifies mold design while improving design flexibility
- Designed and engineered to hold large loads while saving space inside the mold
- Simple design reduces machining time & labor costs
- Standardized components simplify mold maintenance
- Eliminates springs & associated play in plates, and reduces mold maintenance
- Standard sizes accommodate most mold base sizes and stroke lengths
- (4) sizes of housings with (2) housing lengths each; (3) puller bar lengths
- Puller bars & housing may be shortened as desired
- Stroke may be with or without delay

Example without delayed stroke sequence



Example with delayed stroke sequence



w1 (2pcs)	INTENDED MOLD SIZE	TR max. (TRACTION FORCE)	LF MAX.(LOCKING FORCE)	Sz	BACKLASH
55	246 x 246	20kN	1.5kN	2.0	0.25
65	396 x 396	35kN	2.0kN	2.3	0.25
80	646 x 646	50kN	3.0kN	2.7	0.30
95	796 x 796	80kN	4.0kN	3.2	0.35

SA..PU - shock absorber, buffer damper

DI - maximum delayed stroke

Sz - switching zone, stroke 2 begins slightly before the end of stroke 1

Backlash - Segments need clearance/play to allow the locking/unlocking sequence (built into the product)

TF - traction force (always retain the lowest)

LF - locking force (maximum holding force after stroke 1)



**DME U.S.**  
29111 Stephenson Highway  
Madison Heights, MI 48071  
800-626-6653 toll-free tel  
248-398-6000 tel  
888-808-4363 toll-free fax  
www.dme.net web  
dme@dme.net e-mail

**DME Canada**  
6210 Northwest Drive  
Mississauga, Ontario  
Canada L4V 1J6  
800-387-6600 toll-free tel  
905-677-6370 tel  
800-461-9965 toll-free fax  
dme\_canada@dme.net e-mail

**DME de Mexico**  
Circuito el Marqués Norte, No. 55  
Parque Industrial El Marqués  
El Marqués, Querétaro,  
CP 76246  
52 442 713 5666 tel  
ventas@dme.net e-mail