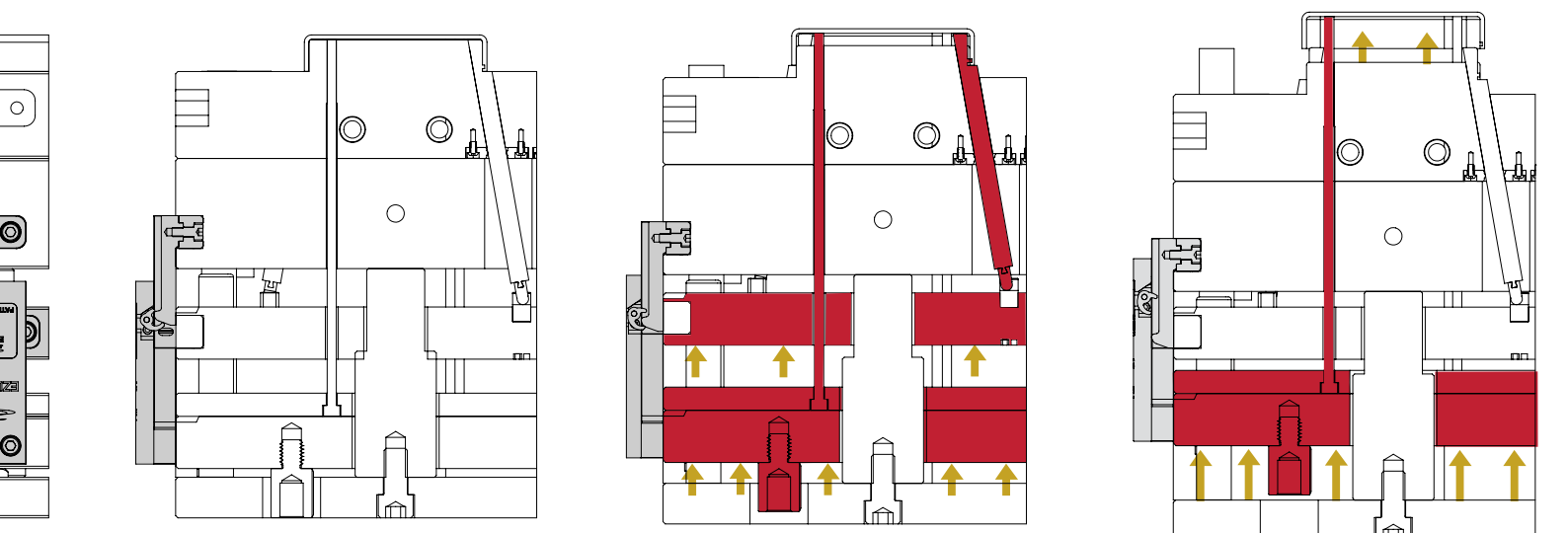


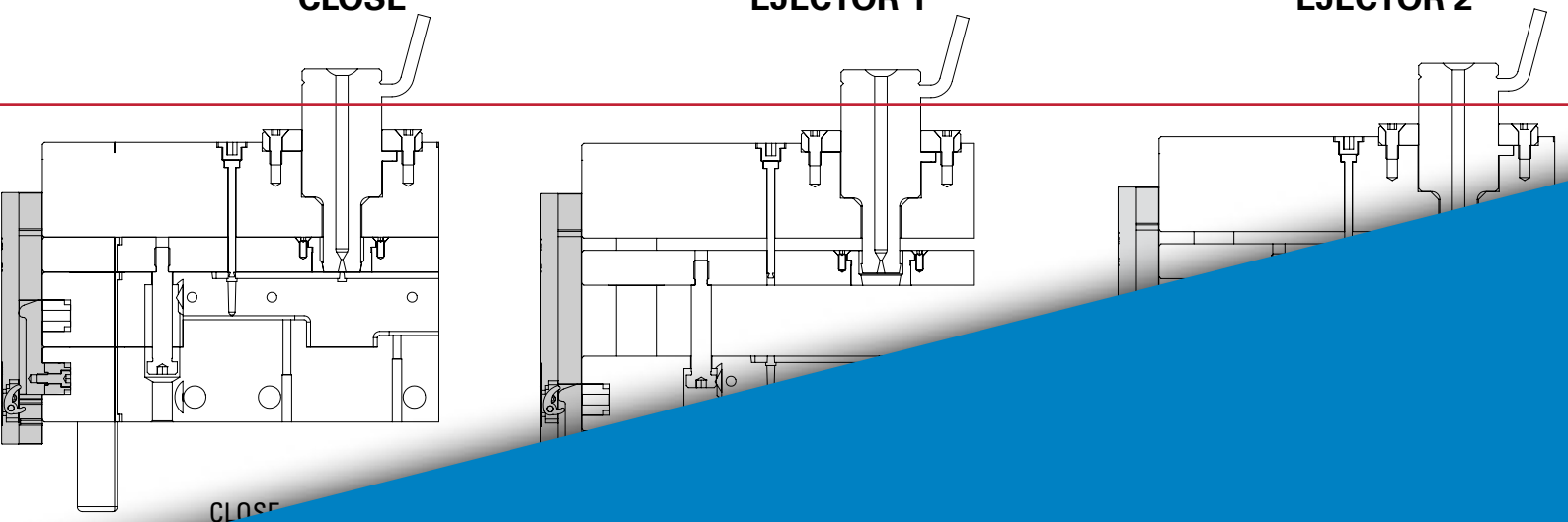
EJECTOR OUT



CLOSE

EJECTOR 1

EJECTOR 2



CLOSE

EZ-LATCH PLATE CONTROL



DME EZ-LATCH LOCKS

PRECISE POSITIONING FOR A VARIETY OF DIFFERENT MOLDING APPLICATIONS

THE EASY AND RELIABLE SOLUTION TO SEQUENCE YOUR MOLD PLATES

DME's EZ-LATCH is the first truly universal external latch lock system. Most locks on the market are designed only for specific applications and require additional machining before they are ready for use making it difficult to select the right latch lock to correctly sequence the plates. The DME EZ-LATCH Lock, with its modular capabilities, addresses this limitation and, through its patent pending mechanical design provides safer and longer lasting performance.

PREMIUM EXTERNAL LATCHES
PRECISION WITH EASE



Top View

Bottom View



Three (3) different sizes to choose from depending on mold size.

PROVIDING A CONTROLLED SEQUENCING SOLUTION FOR MASS PRODUCTION MOLDS

The DME EZ-LATCH Lock is the easy solution for all plate control application including 3 plate molds, 2-stage ejection, early plate return, both stationary "cavity" and moving "core" side ejection (in place of high cost hydraulic cylinders).



NO SPRING

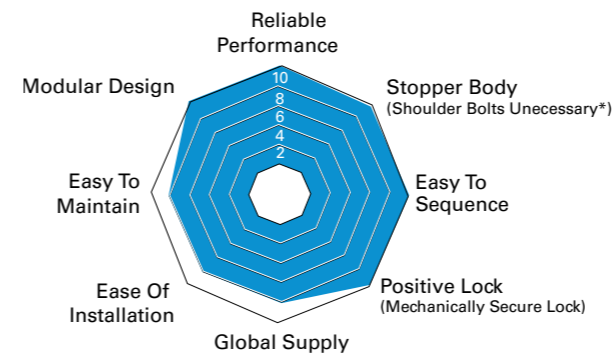
Unlike any other lock on the market, the DME EZ-LATCH Lock incorporates a positive mechanical lock avoiding the use of springs and/or friction devices a common source of product failure and even the occasional crashing of the tool. This safer solution provides a more consistent lock every cycle making it the preferred solution for mass production



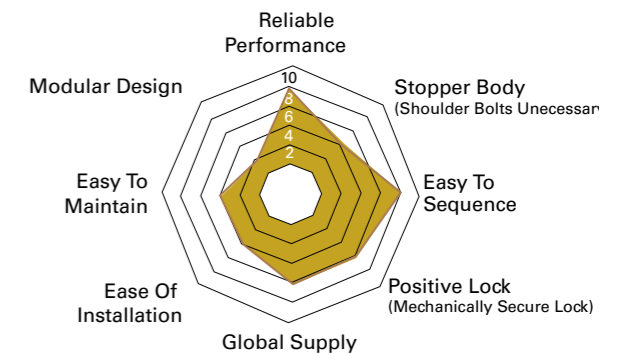
EASY

Designed For Ease of Installation - it's standard design makes it easy to install straight out of the box.

DME EZ-LATCH External Latch Locks



Competitor External Latch Locks



DME EZ-LATCH EXTERNAL LATCH LOCKS

POSITIVE AND PRECISE POSITIONING OF FLOATING PLATES

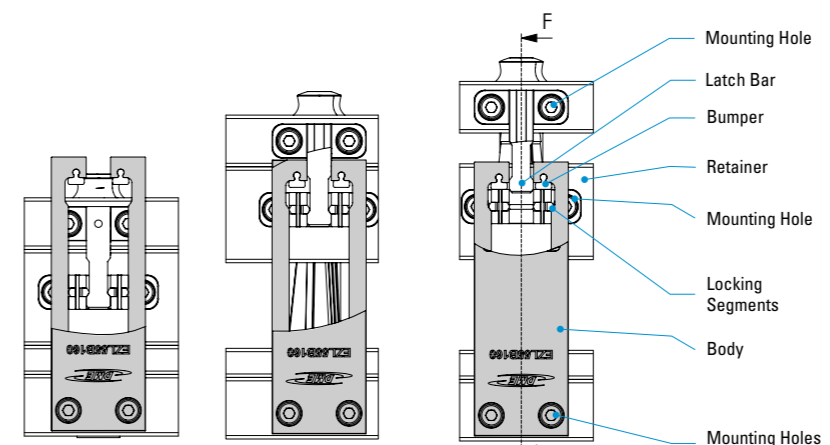
- Ideal for molds with floating plates, including stripper plates & 3-plate molds
- Floating plates are positively locked mechanically in place during mold opening and closing, preventing potential mold damage
- Reliable long-life performance through its unique design and use of nitride diffused material, avoiding coatings that can wear off during use
- Allows faster cycle times due to mechanical action vs latch locks that rely on springs or friction to lock plates
- Simplifies mold design while improving design flexibility
- Designed and engineered to hold large loads while saving space inside the mold
- Optional long latch bar for greater stroke



BENEFITS

There's a reason DME has added its new external latch locks to its EZ line of products:

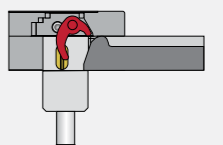
- EZ - to install
- EZ - to sequence (time) plates
- EZ - to use on thin plates
- EZ - used for all plate control needs
- EZ - to disassemble & maintain
- Does not use springs, stripper/shoulder bolts or friction components



CONTROL YOUR PLATES WITH THE DME EZ-LATCH LOCKING SYSTEM

3 KEYS TO SUCCESS

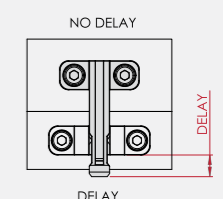
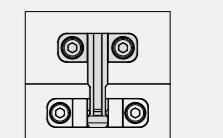
1. Mechanical strength



2. 2-piece superior design

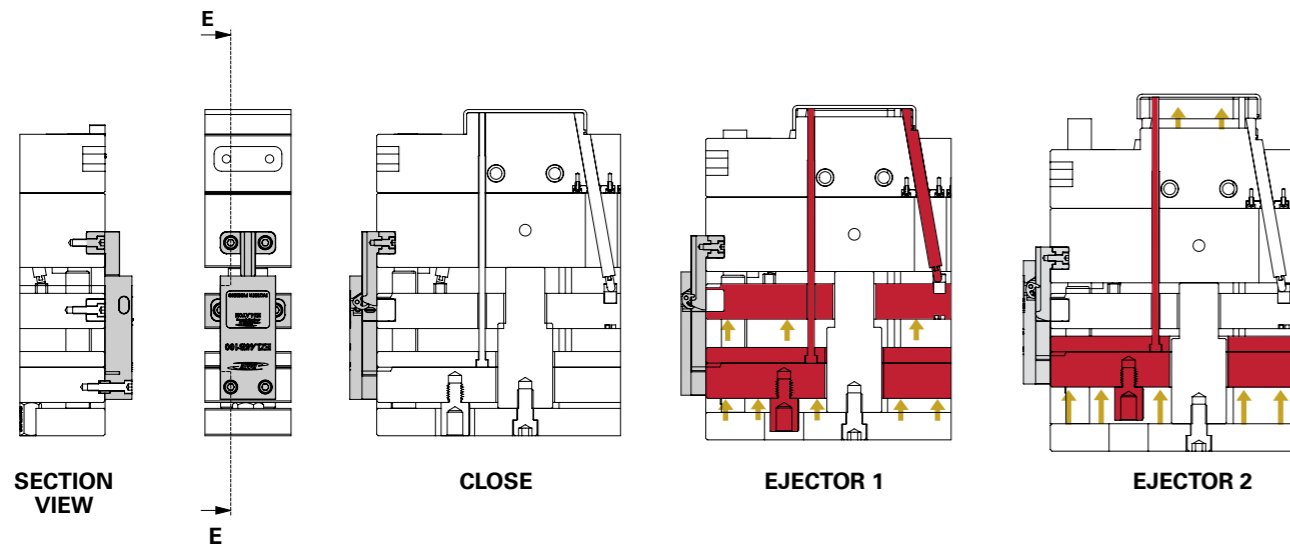


3. Built-in delay for ultra flexibility



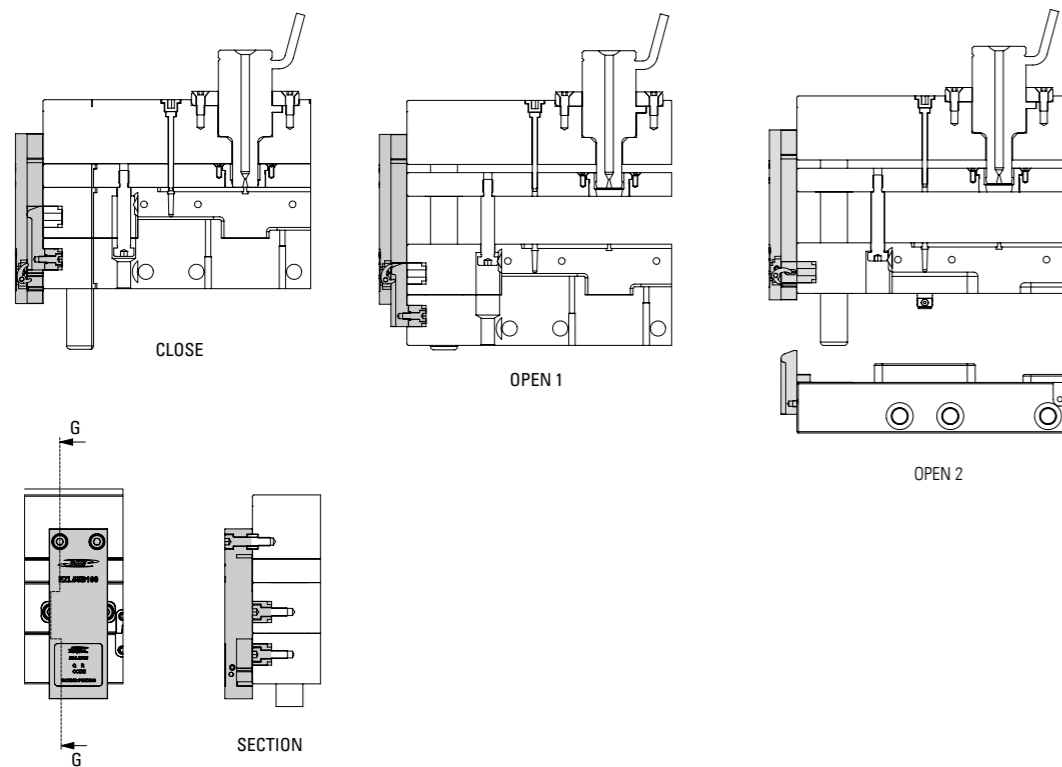
DME EZ-LATCH LOCKS

FOR BOTTOM LAST 2-STAGE EJECTOR



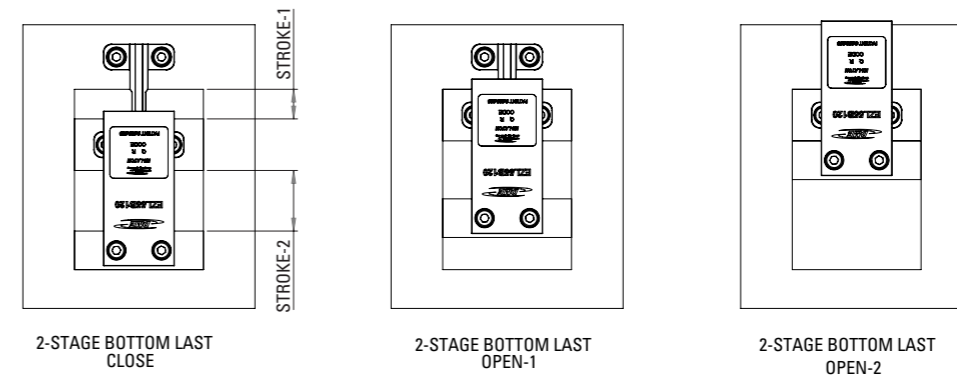
DME EZ-LATCH LOCKS

3-PLATE MOULD CONTROL



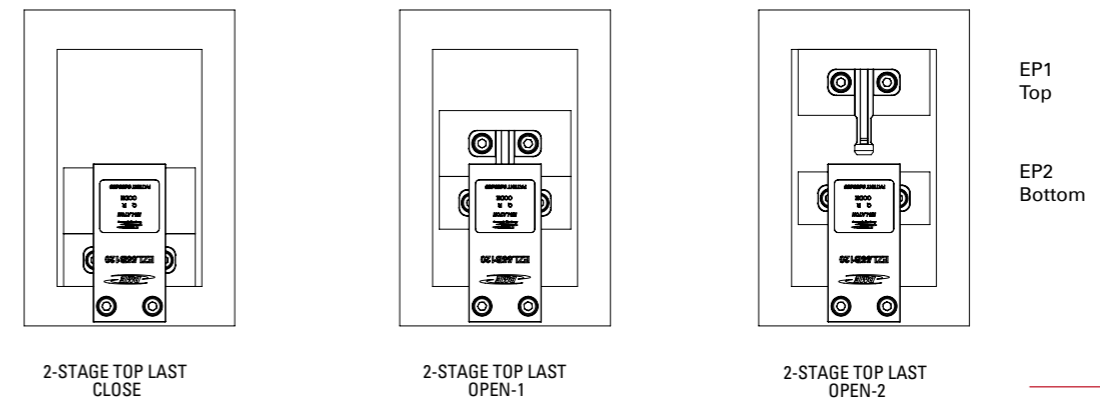
DME EZ-LATCH LOCKS

BOTTOM LAST SEQUENCE



DME EZ-LATCH LOCKS

TOP LAST SEQUENCE

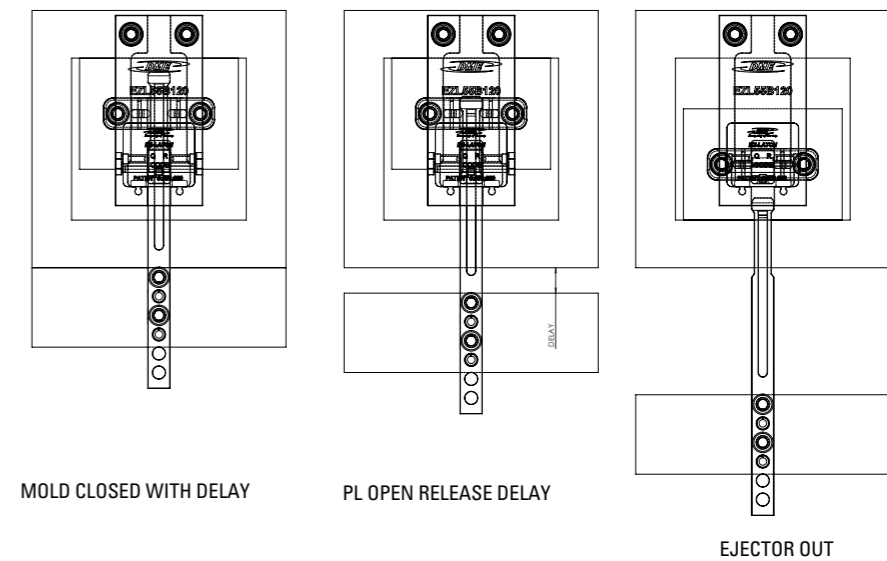


2 Stage Ejection
Either Top Ejector
Plate or Bottom
Last Ejector

DME EZ-LATCH LOCKS

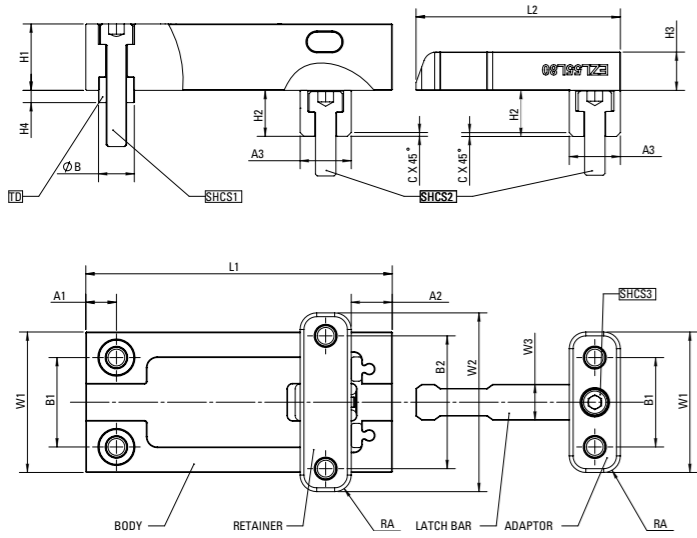
FOR EJECTOR (BOTH FIX SIDE AND MOVING SIDE)

Latch bar attaches to the B-plate with body attached to the clamp plate creates delayed ejection



STANDARD LATCH BAR OPTION

EZ



Material:
 Body - Pre-hardened 5140 Steel Nitrided
 Latch Bar, Adapter & Retainer - H-13 +/-46HRC Nitrided



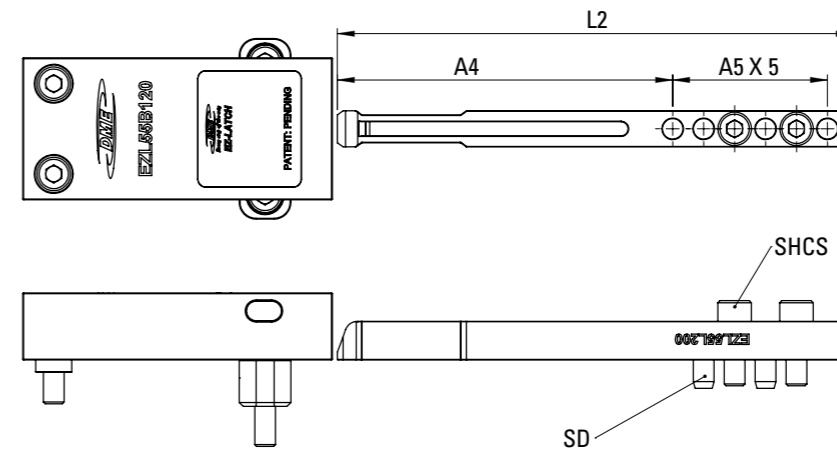
Series	W1	W2	W3	B1	B2	A1	A2	A3	A4	A5	H1	H2	H3	H4	R	C
EZL45	45	60	12	28	45	10	14	18	122	10	22	15	12	4	5.5	1.5
EZL55	55	70	14	35	52	12	16	20	130	12	26	18	15	5	6.5	1.5
EZL75	75	90	20	48	65	15	20	26	185	15	36	20	20	5.0	8	2

SERIES	Body assembly (Body, Adapter, Retainer & Tubular Dowel)		Latch Bar		Complete Assembly (Body Assembly & Latch Bar)	
	ITEM #	L1	ITEM #	L2	ASSEMBLY ITEM #	FASTENERS
EZ45	EZL45B100	100	EZL45L50	50	EZL45B100L50	(1) M5 X 12 (2) M6 X 30 (4) M6 X 20
			EZL45L70	70	EZL45B100L70	
			EZL45L90	90	EZL45B100L90	
			EZL45L110	110	EZL45B100L110	
	EZL45B130	130	EZL45L50	50	EZL45B130L50	
			EZL45L70	70	EZL45B130L70	
			EZL45L90	90	EZL45B130L90	
			EZL45L110	110	EZL45B130L110	
	EZL45B160	160	EZL45L50	50	EZL45B160L50	
EZL45L70			70	EZL45B160L70		
EZL45L90			90	EZL45B160L90		
EZL45L110			110	EZL45B160L110		
EZL45L120			120	EZL45B160L120		
EZ55	EZL55B120	120	EZL55L60	60	EZL55B120L60	(1) M6 X 16 (2) M8 X 40 (4) M8 X 25
			EZL55L80	80	EZL55B120L80	
			EZL55L100	100	EZL55B120L100	
			EZL55L120	120	EZL55B120L120	
	EZL55B160	160	EZL55L60	60	EZL55B160L60	
			EZL55L80	80	EZL55B160L80	
			EZL55L100	100	EZL55B160L100	
			EZL55L120	120	EZL55B160L120	
	EZL55B200	200	EZL55L60	60	EZL55B200L60	
EZL55L80			80	EZL55B200L80		
EZL55L100			100	EZL55B200L100		
EZL55L120			120	EZL55B200L120		
EZL55L150			150	EZL55B200L150		
EZ75	EZL75B180	180	EZL75L100	100	EZL75B180L100	(1) M8 X 25 (2) M10 X 50 (4) M10 X 30
			EZL75L125	125	EZL75B180L125	
			EZL75L150	150	EZL75B180L150	
			EZL75L175	175	EZL75B180L175	
	EZL75B230	230	EZL75L100	100	EZL75B230L100	
			EZL75L125	125	EZL75B230L125	
			EZL75L150	150	EZL75B230L150	
			EZL75L175	175	EZL75B230L175	
	EZL75B280	280	EZL75L100	100	EZL75B280L100	
			EZL75L125	125	EZL75B280L125	
			EZL75L150	150	EZL75B280L150	
			EZL75L175	175	EZL75B280L175	

NOTE: BODY SPECIAL ORDER IS AVAILABLE: ITEM#: SERIES+B+(L1); FOR EXAMPLE, SELECT EZL55, L1=150, ITEM#: EZL55B150
 LATCH BAR SPECIAL ORDER IS AVAILABLE: ITEM#: SERIES+L+(L2); FOR EXAMPLE, SELECT EZL55, L2=150, ITEM#: EZL55L150

LONG LATCH BAR OPTION

EZL



Material:
 Body - Pre-hardened 5140 Steel Nitrided
 Latch Bar, Adapter & Retainer - H-13 +/-46HRC Nitrided



Please reference drawing dimensions & chart on previous page for determining body selection

SERIES	Body assembly (Body, Adapter, Retainer & Tubular Dowel)		Latch Bar		Complete Assembly (Body Assembly & Latch Bar)	
	ITEM #	L1	ITEM #	L2	ASSEMBLY ITEM #	FASTENERS
EZL45	EZL45B100	100	EZL45L180	180	EZL45B100L180	(2) M6 x 25 (2) SD6 x 25
	EZL45B130	130			EZL45B130L180	
	EZL45B160	160			EZL45B160L180	
EZL55	EZL55B120	120	EZL55L200	200	EZL55B120L200	(2) M8 x 30 (2) SD8 x 30
	EZL55B160	160			EZL55B160L200	
	EZL55B200	200			EZL55B200L200	
EZL75	EZL75B180	180	EZL75L275	275	EZL75B180L275	(2) M10 x 40 (2) SD10 x 40
	EZL75B230	230			EZL75B230L275	
	EZL75B280	280			EZL75B280L275	

Sizing Guide

w1 (2pcs)	INTENDED MOLD SIZE	Sz	BACKLASH
45	250 x 250	2.0	0.2
55	450 x 450	2.5	
75	700 x 700	3	

Backlash - Clearance for segment
 Sz- Switch Zoon

NOTE: BODY SPECIAL ORDER IS AVAILABLE: ITEM#: SERIES+B+(L1); FOR EXAMPLE, SELECT EZL55, L1=150, ITEM#: EZL55B150
 LATCH BAR SPECIAL ORDER IS AVAILABLE: ITEM#: SERIES+L+(L2); FOR EXAMPLE, SELECT EZL55, L2=150, ITEM#: EZL55L150



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