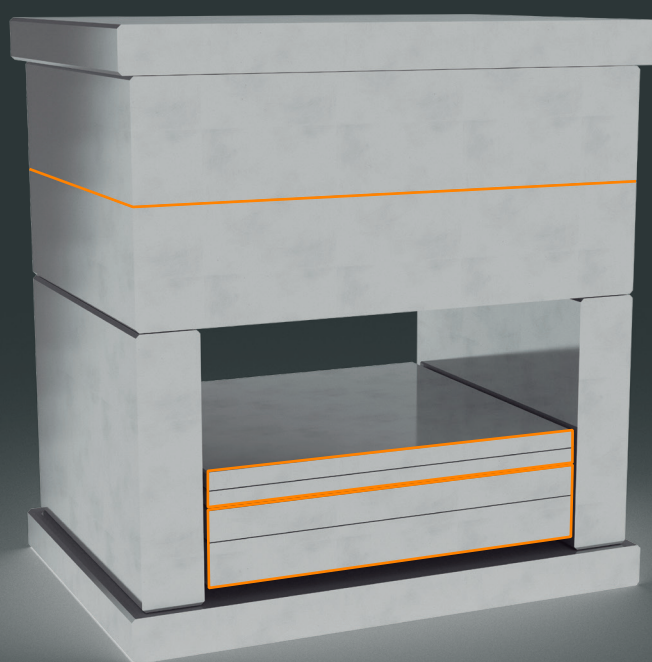


CUMSA

INNOVATIVE SOLUTIONS
FOR YOUR MOLDS

SOLUTIONS FOR ALL MOLD PLATE MOVEMENTS



EJECTION

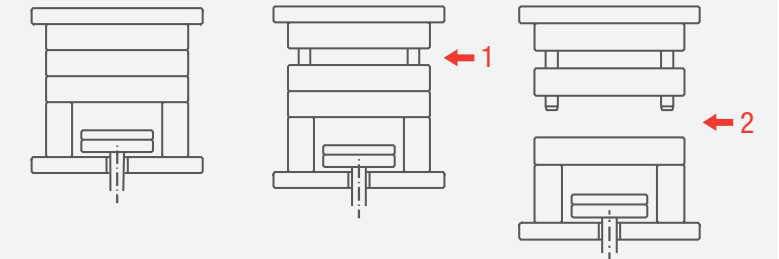
EN

→ PLATE CONTROL

In this brochure we have included most of **CUMSA** solutions to control the plates / ejector plates sequence movements. We have grouped them in:

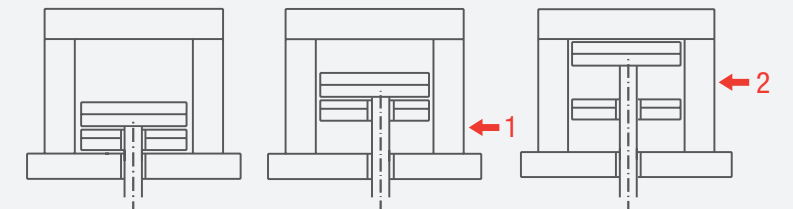
THREE PLATE MOLD:

Products designed to make a pre-opening movement in the mold cavity, before opening the mold to eject the part.



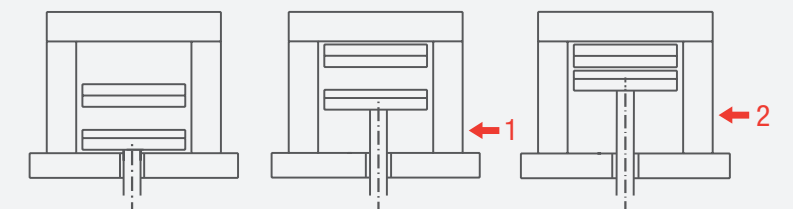
LEADING DOUBLE EJECTION:

Double ejection system to control 2 sets of ejector plates when the injection machine actuates the upper set of ejector plates.



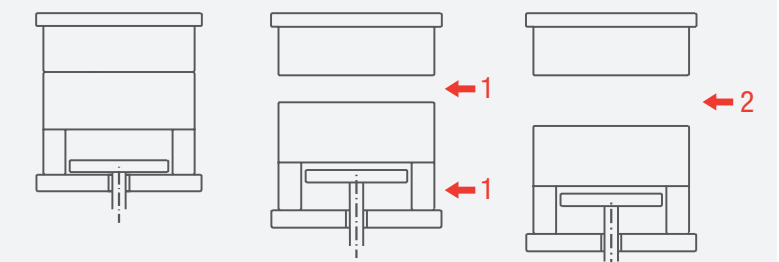
TRAILING DOUBLE EJECTION:

Double ejection system to control 2 sets of ejector plates when the injection machine actuates the lower set of ejector plates.



SYNCHRONIZED PLATES:

Designed to allow synchronized mold plates openings, regardless of their location. With a customizable first stroke opening, and a free second movement.

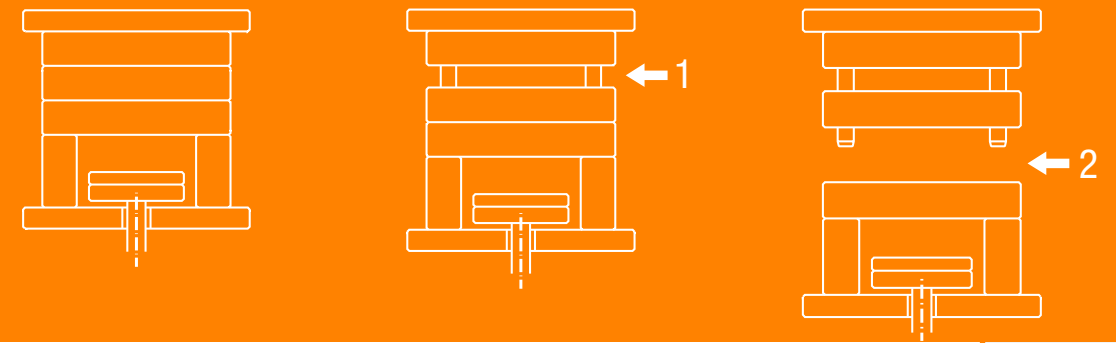


No matter which movement you want to control, check out our options to fit your needs!
In addition, other interesting ejection products can be found:

- Lifter stroke limiters.
- Ejector pin and sleeves extra stroke accelerators.
- Ejector pin and sleeves bases to change them quick and easy from the parting line.

Amazing ejection solutions for your molds from **CUMSA**!

THREE PLATE MOLD

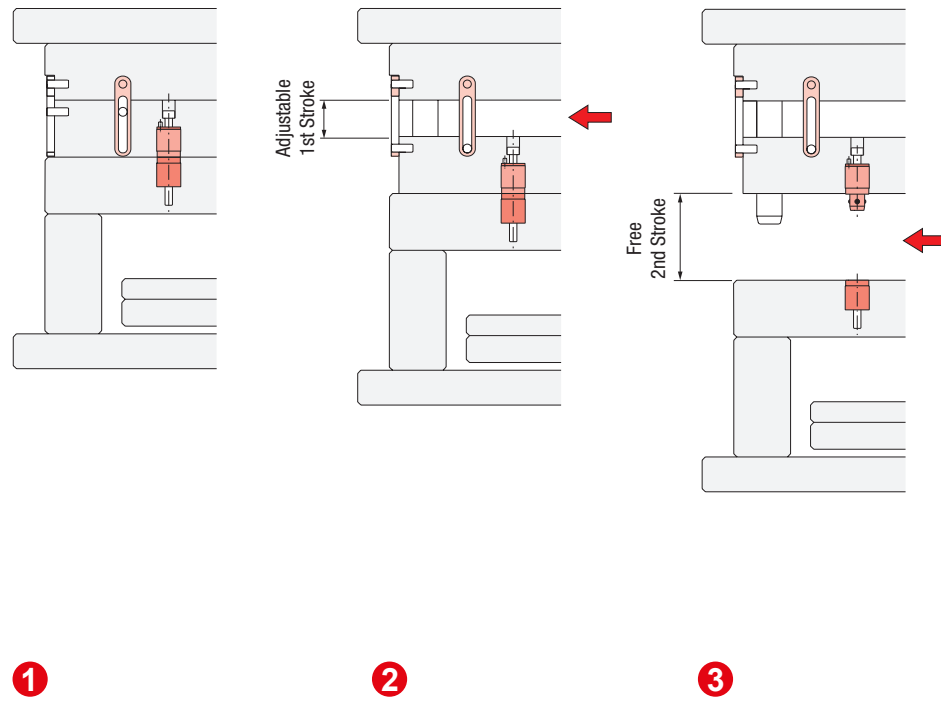


PR+SL

PLATE RETAINER + STROKE LIMITER

Features:

- Mold size: Small
- Mechanism type: Internal / External
- No. References: 1
- Stroke: 1-60mm.
- Max. Force: 40kg.
- Min. Quantity: 2

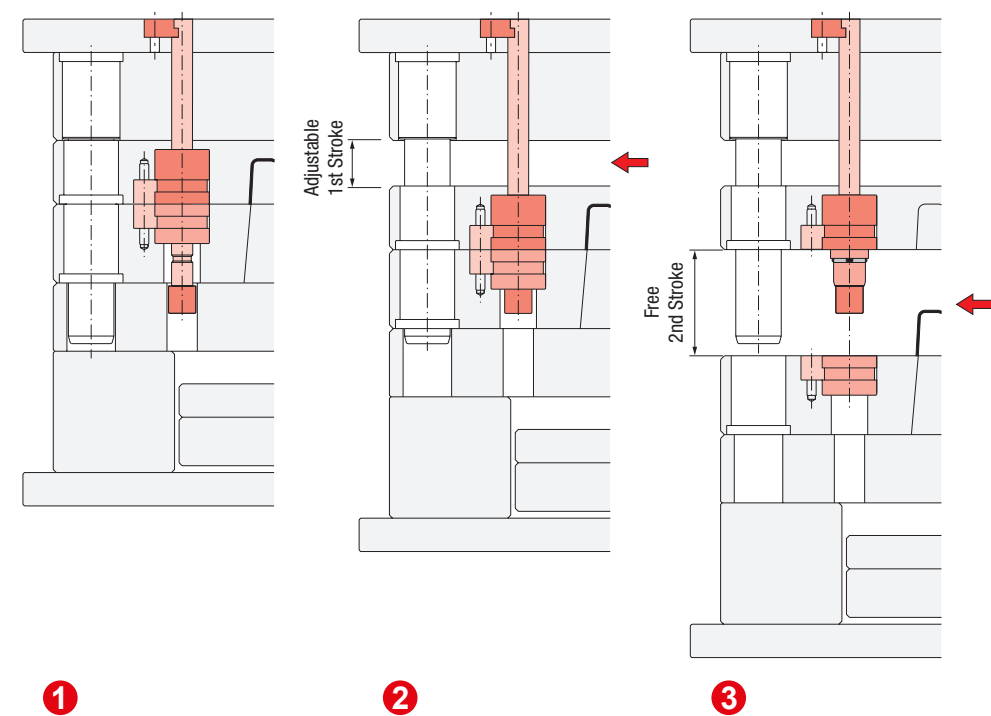


MX

INTERNAL LATCH LOCK

Features:

- Mold size: Small / Medium
- Mechanism type: Internal
- No. References: 1
- Stroke: 6-145mm.
- Max. Force: 1.500kg.
- Min. Quantity: 2

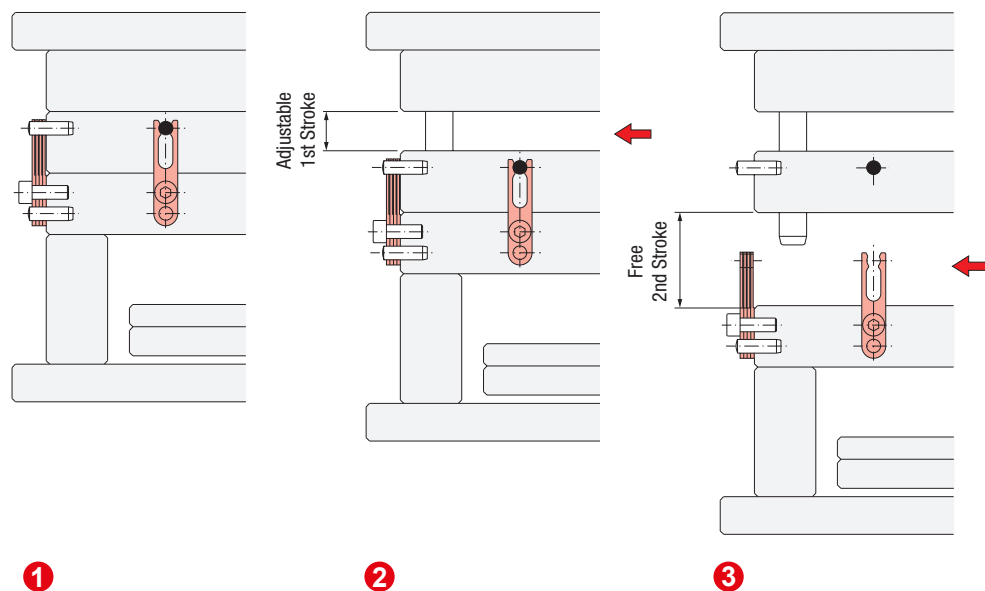


RM

MODULAR RETAINER

Features:

- Mold size: Small
- Mechanism type: External
- No. References: 1
- Max. Force: 7,5kg.
(each, can be stack)
- Min. Quantity: 2

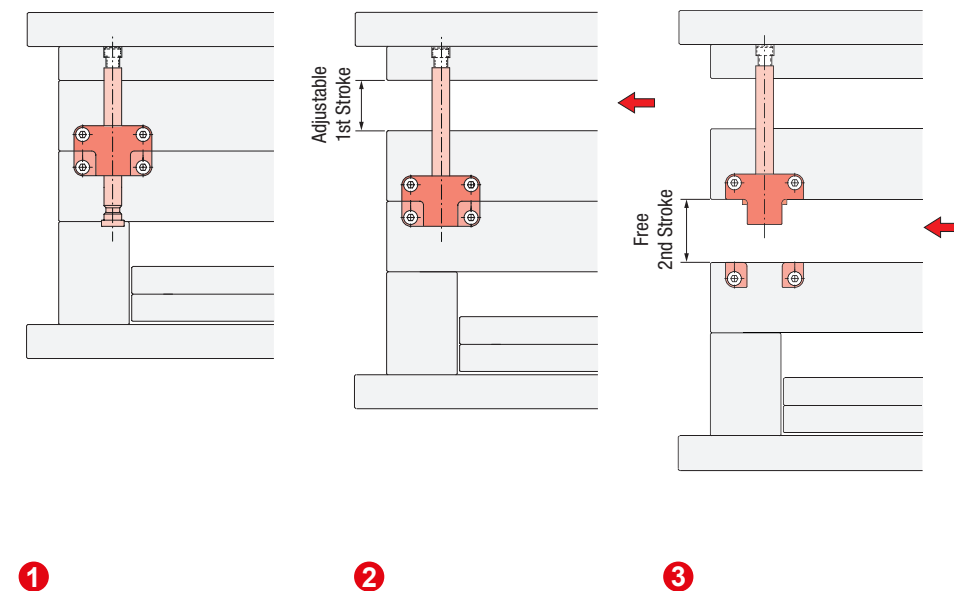


EX

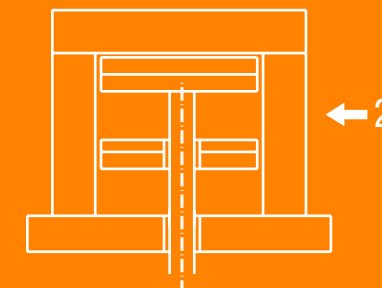
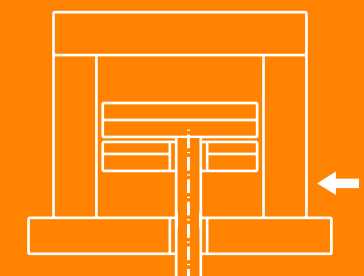
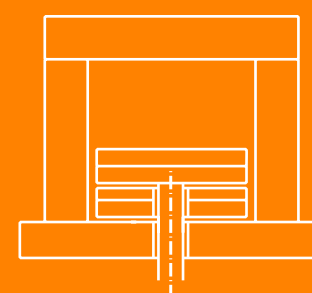
EXTERNAL SUPERIOR PLATE SEPARATOR

Features:

- Mold size: Small / Medium / Big
- Mechanism type: External
- No. References: 4
- Stroke: 4-375mm.
- Max. Force: 4.000kg.
- Min. Quantity: 2



LEADING DOUBLE EJECTION

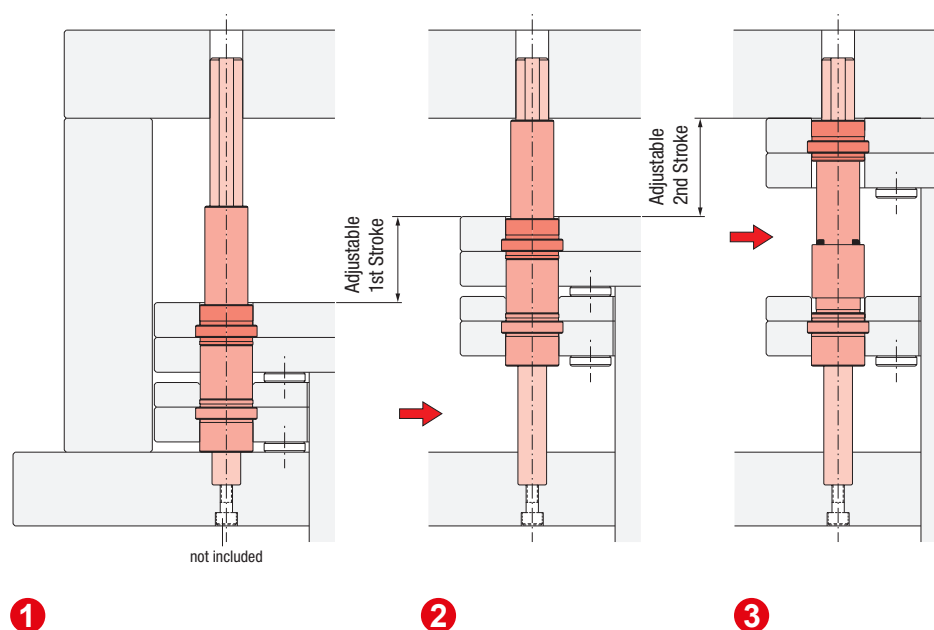


DX

SUPERIOR DOUBLE EJECTOR

Features:

- Mold size: Small / Medium
- Mechanism type: Internal
- No. References: 2
- 1st Stroke: 6-42mm.
- 2nd Stroke: 6-48mm.
- Max. Force: 1.200kg.
- Min. Quantity: 2

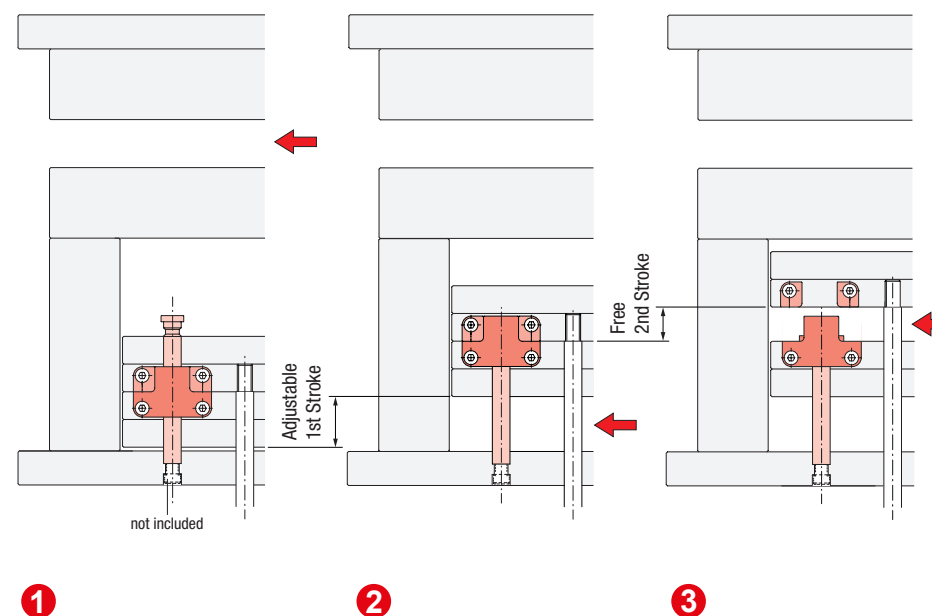


EX

EXTERNAL SUPERIOR PLATE SEPARATOR

Features:

- Mold size: Small / Medium / Big
- Mechanism type: External
- No. References: 4
- Stroke: 4-375mm.
- Max. Force: 4.000kg.
- Min. Quantity: 2

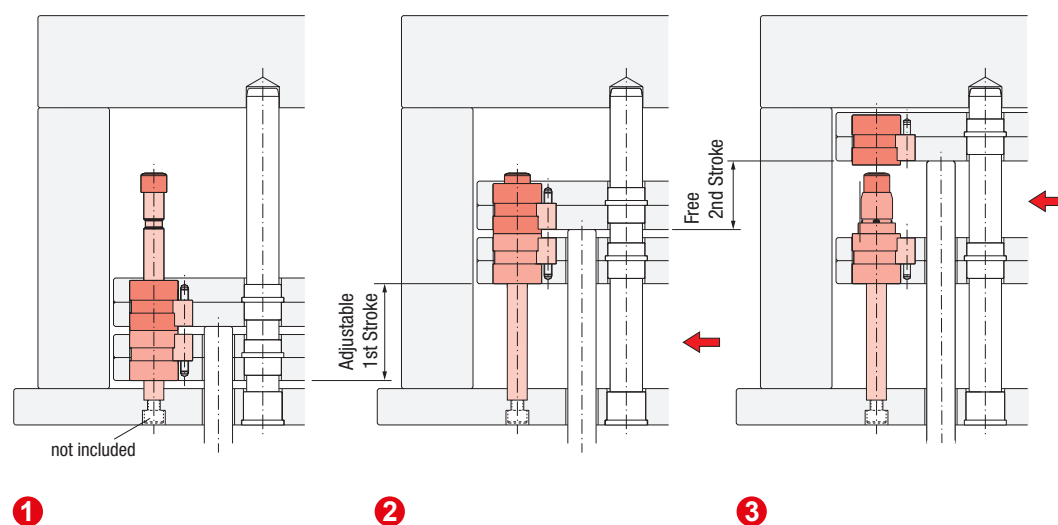


SX

SUPERIOR PLATE SEPARATOR

Features:

- Mold size: Medium / Big
- Mechanism type: Internal
- No. References: 1
- Stroke: 12-357mm.
- Max. Force: 2.500kg.
- Min. Quantity: 2

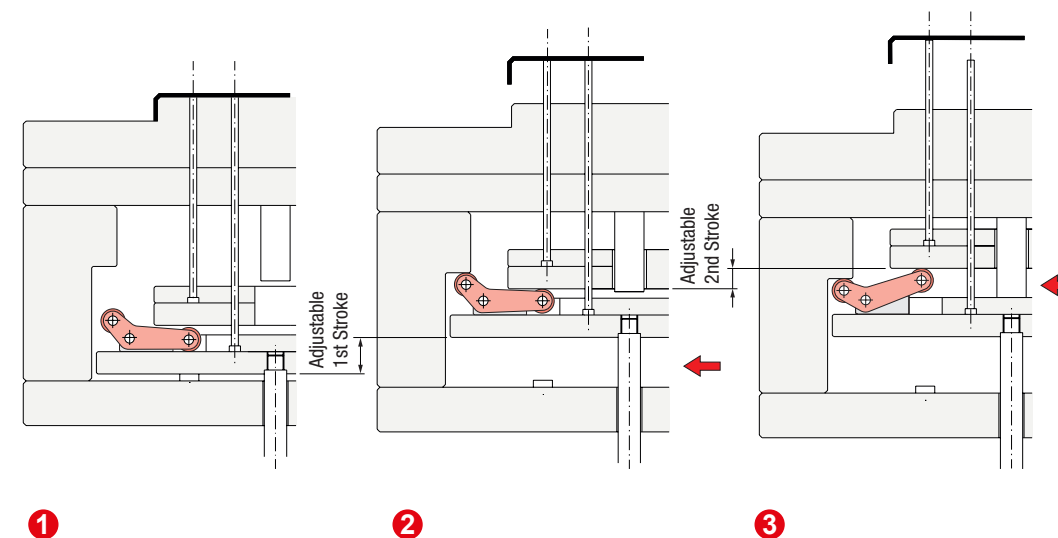


EP

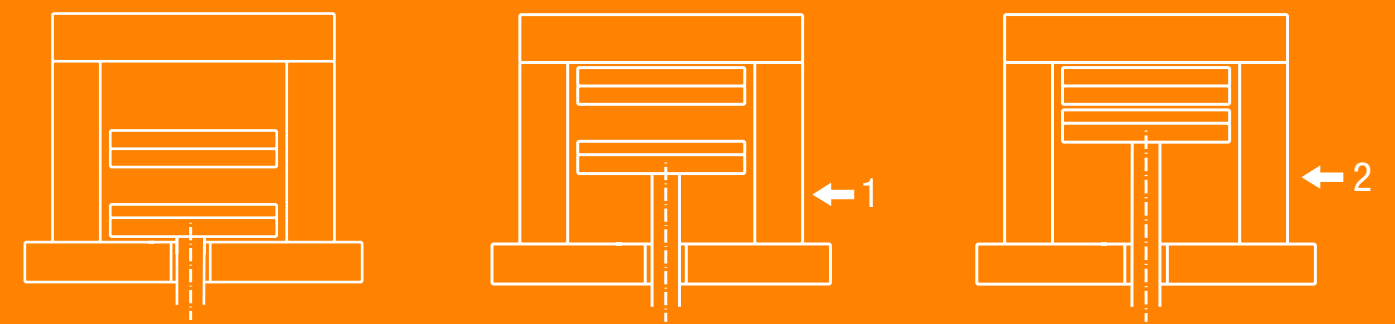
PLATE ACCELERATOR

Features:

- Mold size: Small / Medium
- Mechanism type: Internal
- No. References: 4
- Stroke: 11,6-32mm.
- Max. Force: 800kg.
- Min. Quantity: 2



TRAILING DOUBLE EJECTION

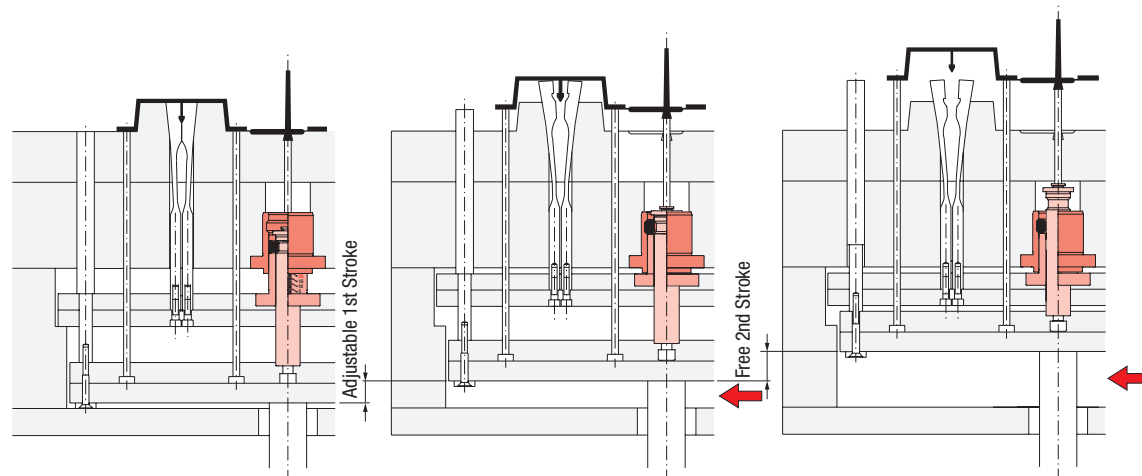


DE

DOUBLE EJECTION

Features:

- Mold size: Small / Medium
- Mechanism type: Internal
- No. References: 1
- Stroke: 5-30mm.
- Max. Force: 5.000kg.
- Min. Quantity: 1



1

2

3

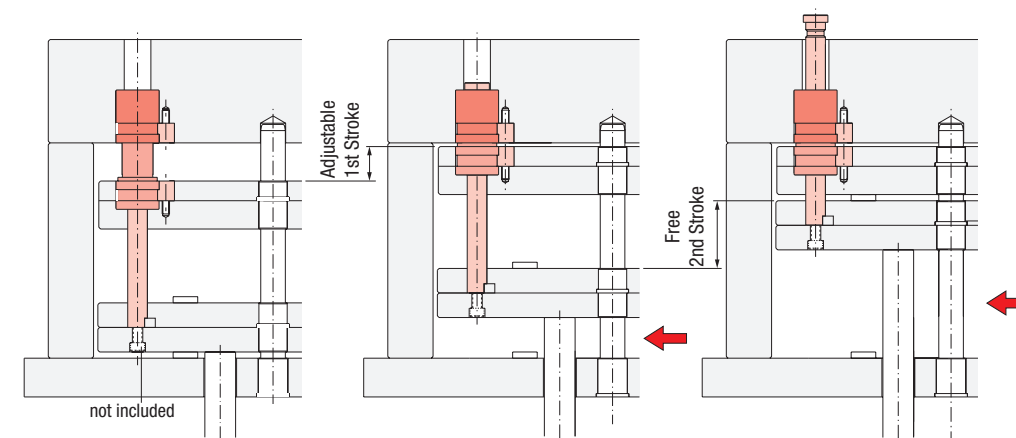


SY

COMPACT DOUBLE EJECTION

Features:

- Mold size: Medium / Big
- Mechanism type: Internal
- No. References: 1
- Stroke: 12-56mm.
- Max. Force: 3.500kg.
- Min. Quantity: 2



1

2

3

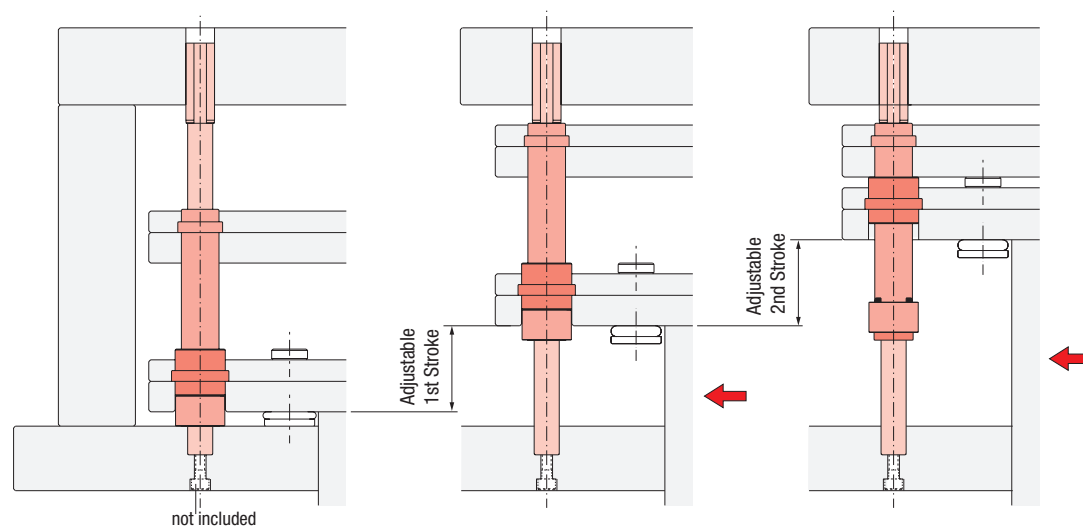


DY

REAR DOUBLE EJECTOR

Features:

- Mold size: Small / Medium
- Mechanism type: Internal
- No. References: 2
- 1st Stroke: 6-48mm.
- 2nd Stroke: 6-62mm.
- Max. Force: 1.200kg.
- Min. Quantity: 2



1

2

3

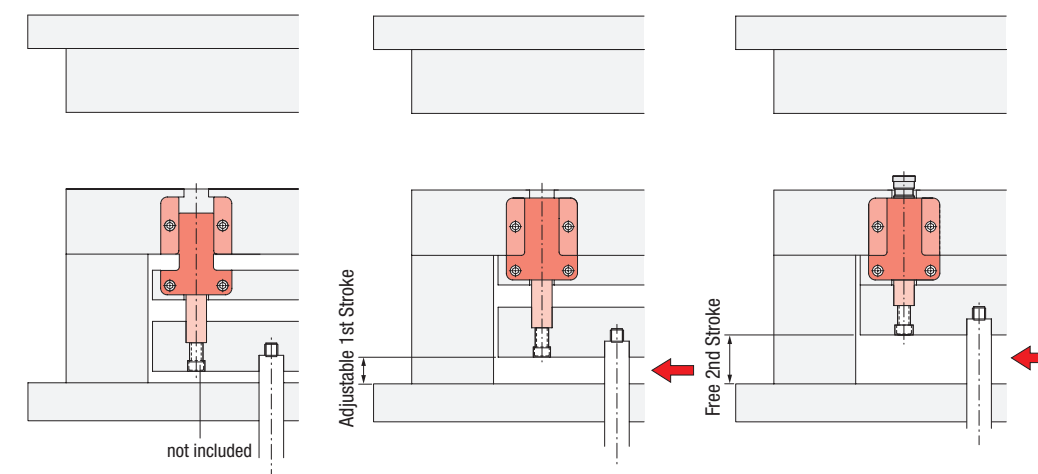


EY

EXTERNAL DOUBLE EJECTION

Features:

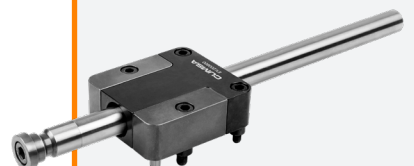
- Mold size: Small / Medium / Big
- Mechanism type: External
- No. References: 4
- Stroke: 6-80mm.
- Max. Force: 4.000kg.
- Min. Quantity: 2



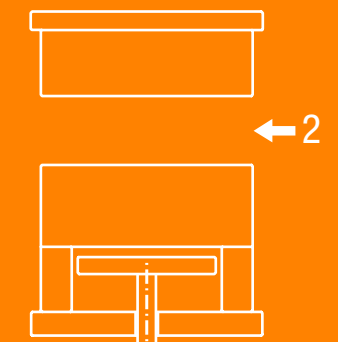
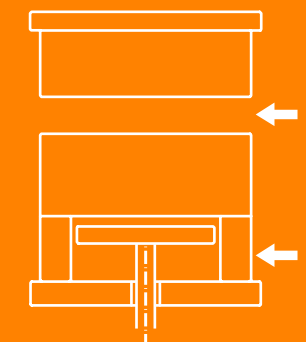
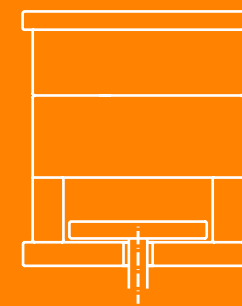
1

2

3



SYNCHRONIZED PLATES

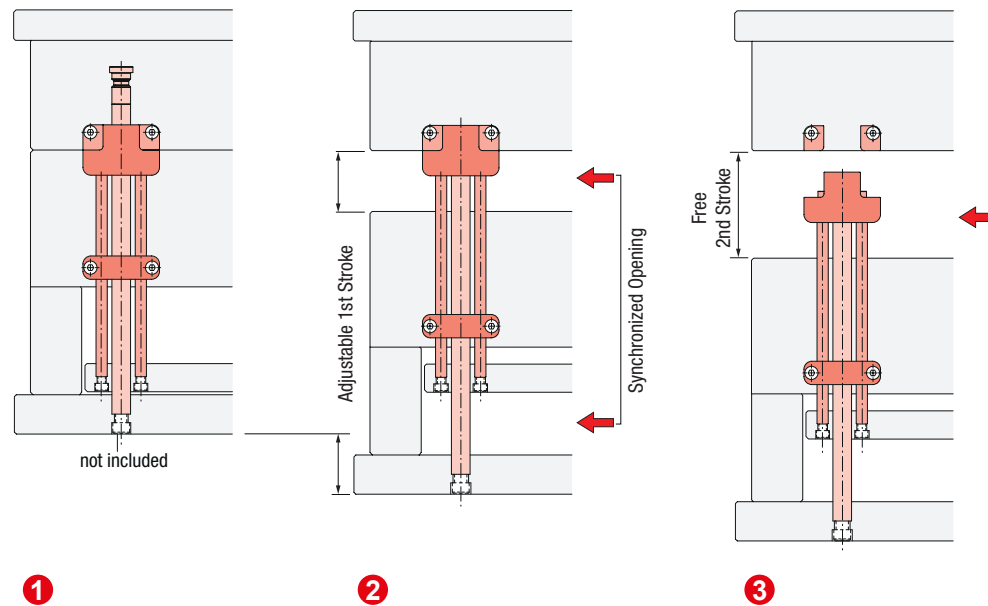


EZ

EXTERNAL SYNCHRONIZED PLATES

Features:

- Mold size: Small / Medium / Big
- Mechanism type: External
- No. References: 4
- Stroke: 4-375mm.
- Max. Force: 4.000kg.
- Min. Quantity: 2



EZ

EXTERNAL SYNCHRONIZED PLATES



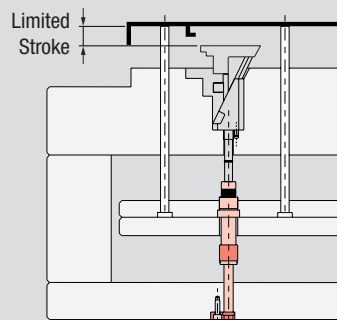
MORE EJECTION SOLUTIONS



LR LD

EJECTOR LIMITER

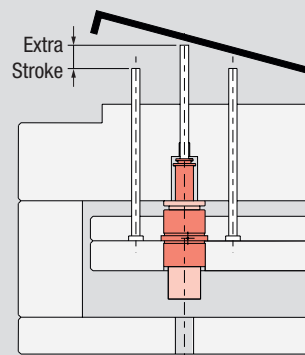
Limits the lifter stroke up to 40mm, while the ejector plates perform the entire intended travel. Very useful for molds with just one set of ejector plates to have 2 different ejection strokes.



AE

ACCELERATED EJECTOR

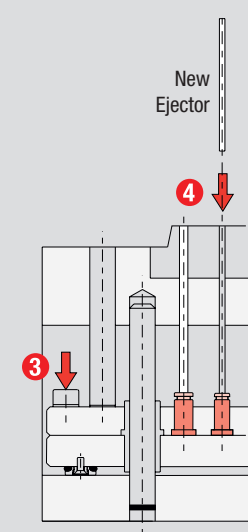
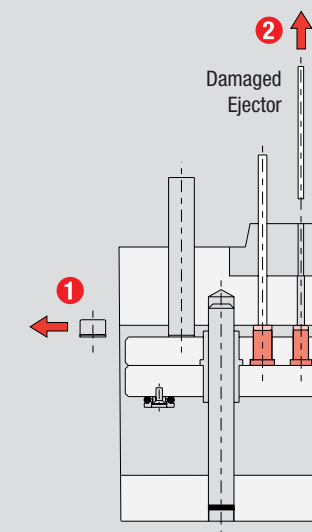
Accelerates and extends the movement of a single ejector pin up to 20mm more than the ejector plates movement. Incorporates the same mechanism as the CUMSA BA/BE/BT series, allowing a fast replacement from the parting line of the ejector pin. Very useful for molds with just one set of ejector plates to have 2 different ejection strokes.



BA BE BT

EJECTOR BASES

One of the first CUMSA innovations on the early 90's! Still today it is a top product for its simplicity and efficiency. Enables quick replacement of ejector sleeves and ejectors directly from the parting line and without taking the mold from the press. Just advance the ejector plates until the mold frame, pressing the brass cap of the ejector base to release the ejector pin or sleeve and replace by a new one.



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FOR YOUR MOLDS

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