

# HASCO®

*Enabling with System.*

**NEW:**

Z170/...; Z171/...;  
and Z174/...  
now with DLC coating

## Latch lock systems

**Z170/...  
Z171/...**

**The compact latch lock solution**



Z170/... is the classic latch lock system which is preferably mounted on injection and diecasting moulds required a second mould parting level. The unit can be easily mounted due to its compact design.

Z171/... is the alternative to the classic latch lock Z170/... and allows a delayed opening of the first parting area. Furthermore the functional precise standardised item is available in three different sizes.

**Z174/...**

**The most powerful and long-lasting  
latch locking unit**



The proven latch locking unit Z174/... is a popular choice by many customers because of its enormous strength and reliability provided by the double side locking system.

Capable of accurately pulling apart plate sequences on molds, die cast tools, jigs and machine assemblies, this unit is available in 3 sizes with over measures in length for adjusting to the exact application.

Other features include the option for an instant or delayed movement, as well as end stop and catch mechanisms to hold the plate at the end of its stroke.

**Z173/...**

**Integrated and safe  
latch locking unit**



The mounting inside the mould and the central offset compensation guarantees more safety during production, transport and storage.

The load transmission is optimised due to the central positive joint interlocking system.

Important is that the pulled plate is locked in opened position.

Z173/... is also applicable as guided pull back device for ejector assemblies with fixed home position.

**Z178/...**

**Integrated and safe  
latch locking unit**

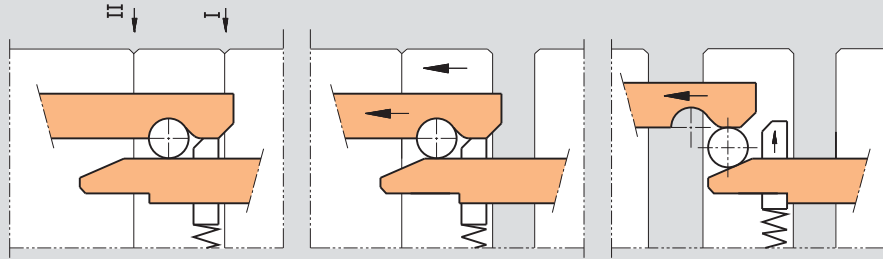


The new HASCO round latch locking unit Z178/... was specially developed for the reliable and precise opening of a second mould parting line in injection moulding tools.

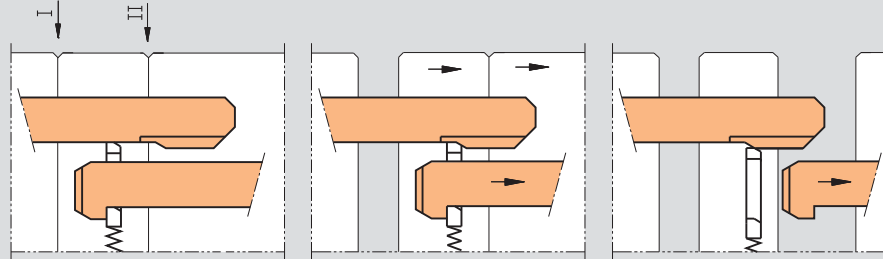
Z178/... is ideal for use everywhere where the motion control can be placed easily and protected in the interior and external constructions are not suitable.

# Function

## Z170/...

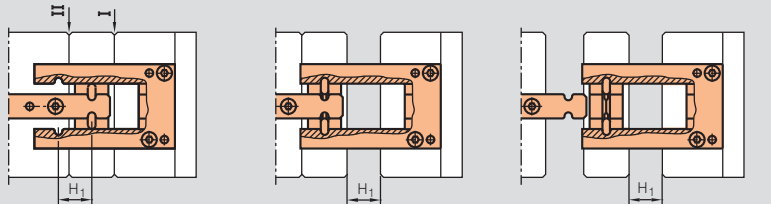


## Z171/...

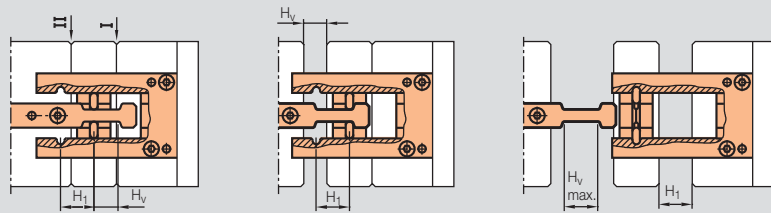


## Z174/...

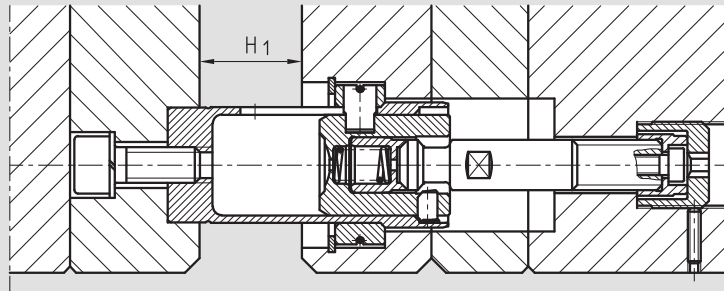
without delay HV = 0



with delay HV



## Z173/...



## Z178/...

