Data sheet

SECURITY
MADE IN GERMANY
SINCE 1883

HSL double bit multi-point deadbolt/slam lock (with interchangeable mechanism)

Article No.: HSL 402

The HSL 402 lock is a multi-point lock with a changeover mechanism and three solid deadbolts that are mechanically locked and unlocked via the main lock. In addition, the deadbolt can be pulled back using a profile cylinder key.



Properties

- Multi-point lock for passage doors, interlocking doors and building exit doors
- Mechanically operated with HSL key
- Locking can be changed without a change key

Functional description

The HSL 402 multi-point lock is operated mechanically with the HSL double bit key. The functional sequence and basic features correspond to lock type HSL 102.
The main lock and the two additional locks are connected via special lock boxes with rod controls. Operation is exclusively via the main lock.
With a first turn (180° rotation), the three deadbolts are locked back with the HSL double bit key. The door unlocked in this way is still held in the frame by the deadbolt latch.
The bolt is locked again by switching via a second turn (180° rotation) with the HSL double bit key or the profile cylinder key. The door can now be opened. When operated with the HSL double bit key, it can be removed when the bolt is locked. The door is thus secured against accidental locking by slamming or closing. Alternatively, the bolt can be locked again before the key is removed. The door is thus secured against being closed by slamming or throwing the door shut with the bolt.
When operated with the profile cylinder key, it cannot be removed when the bolt is locked. The door is secured against being closed by slamming or throwing the door shut with the bolt.
When the door is in the frame, the three deadbolts are pre-locked with the HSL double bit key in a single turn (180° rotation). The door is now completely locked and secured.
Changing the keyed configuration:
The lock can be changed to a different keyed configuration when unlocked (deadbolt and deadbolt latch locked).
This requires a key for the current lock and a key for the future lock.
The HSL 402 type is designed for passage doors. In addition, building entrance doors with special resistance requirements can be reliably implemented and secured with this lock type.

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Places of use

- Passage door
- Outfield goal
- Gate door
- Fire door
- Smoke protection door
- Armoury door

Technical specifications

Material	Stainless steel
Surface	Matt
Face plate dimension [mm]	280 x 30 x 4 Main lock
Material forend	Stainless steel
Material deadbolt	Stainless steel
Material lock housing	Stainless steel
Lock mechanism	HSL double bit
Levers	7
Recodability	yes
Lock dimensions [mm]	200 x 22 x 220 Main lock
Closing operations	500,000
Max. lateral bolt load capacity [kN]	50

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Technical specifications

Relative humidity [%]	95% non-condensing
bolt throw mm	20
external visual indicator	mechanically
Latch clearance [mm]	14
Weight [kg]	6.3