

HSL double bit deadbolt/slam lock with profile cylinder additional latch (with interchangeable)

Article No.: HSL 102

Deadbolt/slam lock with single-turn bolt throw. In the standard version, the lock has a mechanical external visual indicator on the key-operated side.



Properties

- Designed for detention room and passage doors
- Privacy lock via profile cylinder (operates bolt)
- Simple operation with HSL double bit key (2-turn with changeover)
- Locking can be changed without a changeover key

Functional description

The HSL double bit key is inserted into the lock. The deadbolt is locked with the key by turning it once (180°).

The privacy lock is active.

Servant:

The deadbolt is locked by turning the key a second time (180°). The door can be opened.

Occupant:

The latch is retracted using the profile cylinder key. The door can be opened. (When the latch is pulled via the privacy lock, the key cannot be removed.

The door is closed.

Occupant:

The snib locks the latch when the door is closed.

Servant:

The deadbolt is pre-locked with the key via one turn (180° rotation). The deadbolt is pre-locked with the key via a second turn (180° rotation). The key is removed. The door is completely locked. The privacy lock is inactive.

Changing the keyed locking

The lock can be changed to a different key system when unlocked (deadbolt retracted). This requires a key for the current key system and a key for the future key system.

The HSL 102 type is designed for detention room and passage doors. It has an option for implementing a privacy lock. In the standard version, the key can be removed in both locked and unlocked states.

Places of use

- Passage door
- Holding room door
- Patient door, psychiatric ward

Technical specifications

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| Material | Stainless steel |
| Surface | Matt |
| Face plate dimension [mm] | 280 x 30 x 4 |
| Material forend | Stainless steel |
| Material deadbolt | Stainless steel |
| Material lock housing | Stainless steel |
| Lock mechanism | HSL double bit |
| Levers | 7 |
| Recodability | yes |
| Weight [kg] | 3.3 |
| Lock dimensions [mm] | 200 x 22 x 220 |
| bolt lock exclusion mm | 14 |
| external visual indicator | mechanically |
| Closing operations | 500,000 |
| Max. lateral bolt load capacity [kN] | 50 |
| Relative humidity [%] | 95% non-condensing |
| bolt throw mm | 20 |