SECURITY
MADE IN GERMANY
SINCE 1883

HSL double bit deadbolt/slam lock with profile cylinder additional latch, changeable when latch is locked (with changeover)

Article No.: HSL 112

The HSL 112 lock is equipped with a deadbolt and an additional latch. It has a reversible HSL locking mechanism. In the standard version, the lock has a mechanical external visual indicator on the key side in the single-locking version.



Properties

- Deadbolt can be locked and unlocked with one turn
- Additional latch can be locked and unlocked with one turn when deadbolt is locked (changeover)
- Snib locks additional latch against tampering when door is closed
- Privacy lock via profile cylinder when deadbolt is locked (activates additional latch)
- Simple operation with HSL double bit key (2-turn with changeover)
- Locking can be changed without a changeover key when the additional latch is locked (1-turn)

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

Places of use

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

Technical specifications

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Technical specifications

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
Lock dimensions [mm]	200 x 22 x 220
Closing operations	500,000
Max. lateral bolt load capacity [kN]	50
Relative humidity [%]	95% non-condensing
bolt throw mm	20
external visual indicator	mechanically
Latch clearance [mm]	14
Weight [kg]	3.3