Data sheet

SECURITY
MADE IN GERMANY
SINCE 1883

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

Article No.: HSL 102

High-security deadbolt/slam-lock with single-turn bolt throw, available in a version with key operation on one side for cell doors and in a version with key operation on both sides for passage doors. Inmate locking can be achieved via an additional latch with a profile cylinder.



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 recoding 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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Technical specifications

Material	Stainless steel
Surface	Matt
Face plate dimension [mm]	280 x 30 x 4
Bar gauge	50 x 19 x 21
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
Backset [mm]	100
Distance [mm]	155
Relative humidity [%]	95% non-condensing
bolt throw mm	20
external visual indicator	mechanically

Technical specifications

Latch clearance [mm]	14
Weight [kg]	3.3

