Data sheet

SECURITY
MADE IN GERMANY
SINCE 1883

HSL double bit bolt lock with profile cylinder additional bolt (without change)

Article No.: HSL 110

The HSL 110 lock is equipped with a main deadbolt and an auxiliary deadbolt. It features an adjustable HSL latch mechanism and is pre-equipped for profile cylinders. In the standard version, the single-sided locking model has an external visual indicator for the deadbolt position on the key entry side.



Properties

- Designed for special requirements in prisons
- Implementation of the dual control principle
- Additional deadbolt lock via profile cylinder
- Simple operation with HSL double bit key (1 turn without change)
- Locking can be changed without a change 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 additional deadbolt is locked with the profile cylinder key by turning it once (360°).
The door can be opened.
The door is closed.
The additional deadbolt is locked again with the profile cylinder key by turning it once (360°). The profile cylinder key is removed.
The deadbolt is locked again with the HSL double bit key by turning it once (180°). The key is removed.
The door is completely locked. The sequence of locking operations (main or additional deadbolt) is irrelevant for operating the lock.
Changing the keyed action
The lock can be changed to a different keyed action when unlocked (deadbolt retracted). This requires a key for the current keyed action and a key for the future keyed action.
The HSL 110 lock was developed for special requirements in prisons. The additional deadbolt makes it possible to implement a dual control principle. In the standard version, the key can be removed when locked and unlocked.

Places of use

- Passage door
- Holding room door
- Detention door
- Armory

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
Relative humidity [%]	95% non-condensing
bolt throw mm	20
external visual indicator	mechanically

Technical specifications

Weight [kg]	3.4