SECURITY
MADE IN GERMANY
SINCE 1883

HSL double bit deadlock with profile cylinder additional deadbolt (without change)

Article No.: HSL 110

Deadbolt lock with additional deadbolt. In the standard version, the lock has a mechanical external visual indicator on the key guide side.

Properties

- Developed for the special requirements of the prison service
- Implementation of the four-eyes principle
- Additional dead bolt lock via profile cylinder
- Easy to use with HSL double bit key (single-turn without changing)
- Keyed non-keyed changeable without change key

Functional description

The HSL double bit key is inserted into the lock. The deadbolt is locked back with the key via one turn (180° rotation). The additional deadbolt is locked back with the profile cylinder key via one turn (360° rotation). The door can be opened. The door is closed. The additional deadbolt is locked forward again with the profile cylinder key via one turn (360°). The profile cylinder key is removed. The deadbolt is locked again with the HSL double bit key via a turn (180° rotation). The key is removed and the door is fully locked. The sequence of locking operations (main or additional deadbolt) is irrelevant for the operation of the lock. Changing the locking mechanism The locking mechanism can be changed to a different locking mechanism when unlocked (deadbolt locked back). This requires a key for the current lock and a key for the future lock. The HSL 110 lock was developed for special requirements in prisons. The additional deadbolt makes it possible to realise a four-eye principle. In the standard version, the key can be removed when locked and unlocked.

Locations

- Passage door
- Detention room door
- Custody door

Technical data

Material	Stainless steel
Surface	Matt
Faceplate dimension [mm]	280 x 30 x 4
Forend material	Stainless steel
Material deadbolt	Stainless steel
Lock housing material	Stainless steel
Locking mechanism	HSL double bit
Levers	7
Recodability	yes
Weight [kg]	3,4
Lock dimensions [mm]	200 x 22 x 220
bolt throw mm	20
external visual indicator	mechanical
Closing processes	500.000

Technical data

Max. lateral transom load capacity [kN]	50
Relative humidity	95% non-condensing
Relative humidity [%]	95% non-condensing