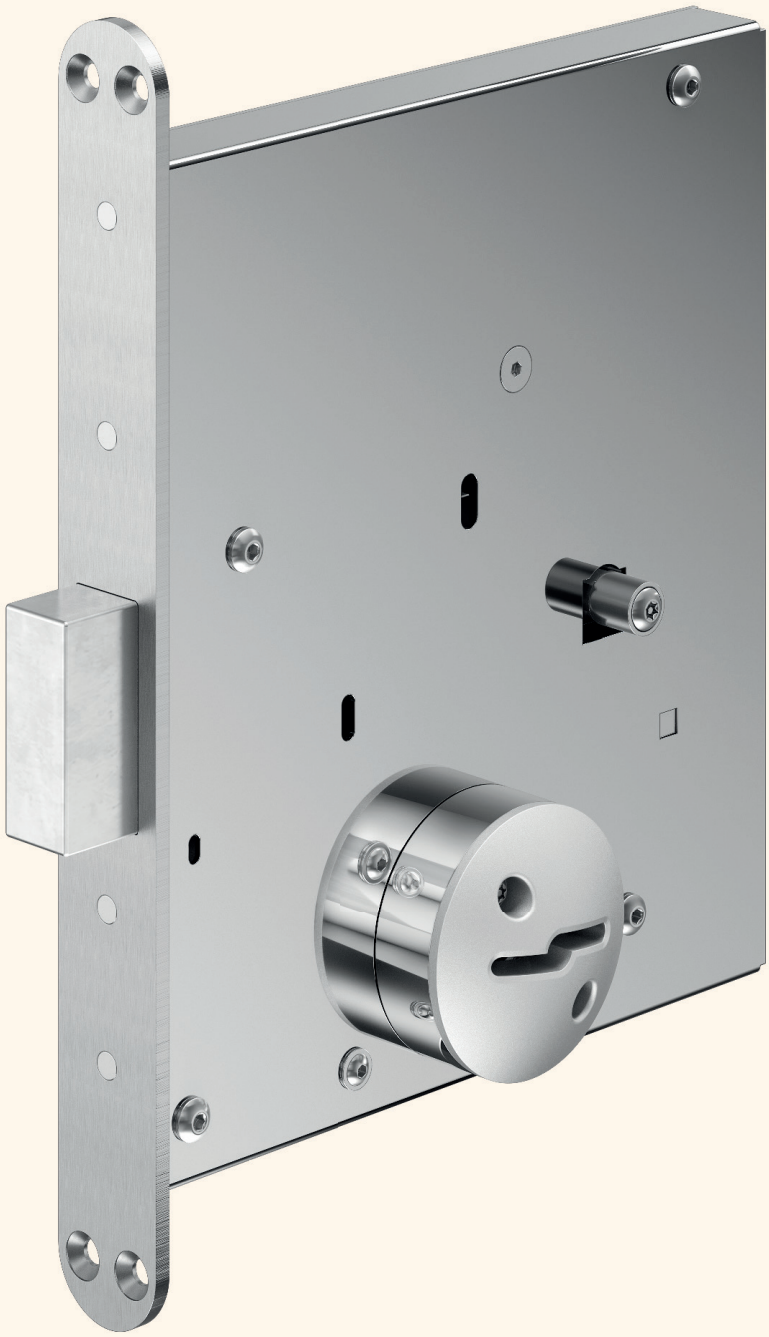
SECURITY MADE IN GERMANY
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STUV



STUV

HSL 101 Series

User Manual

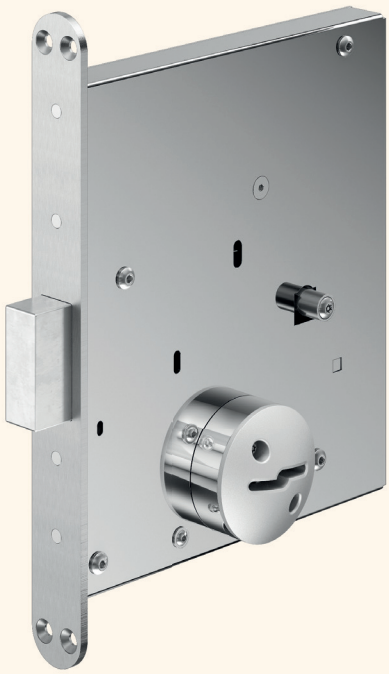
HSL 101

User Manual

Thank you for selecting a product from the HSL 101 Series.

This high-security lock has been engineered and manufactured to meet the highest standards of quality, reliability, and security. It is designed to provide a robust and long-lasting security solution for applications requiring enhanced protection.

To ensure safe operation and the continued performance of the product throughout its service life, please read this User Documentation carefully and observe all instructions relating to installation, operation, inspection, and maintenance.



Opening and Locking

Opening

The lock is fitted with a bolt and a single-turn locking mechanism.

To open the lock, fully insert the appropriate HSL key into the HSL locking mechanism and turn it in the opening direction. The bolt will retract. When the bolt is fully retracted, the door or hatch can be opened.

Locking

To lock the door or hatch, first ensure that it is completely closed.

Fully insert the appropriate HSL key into the HSL locking mechanism and turn it in the locking direction. The bolt will extend into its locked position, securing the door or hatch.

Recoding

HSL Series products are fitted with a locking mechanism that can be rekeyed to a different key combination when required.

Recoding must be carried out with the lock in the open position (bolt fully retracted).

Remove the key used to unlock the lock. Insert the key of the new key combination and turn it in the locking direction until the bolt is fully extended.

The locking mechanism is now recoded and ready for operation with the new key combination.

Bolt Position Indicator

The bolt position indicator is used to show the locking status of the lock.

a. Indicator fully retracted

The latch and bolt are fully retracted. The lock is in the open position.

b. Indicator fully extended

The latch and bolt are fully extended. The lock is in the locked position.

Locking Mechanism Inhibit / Alarm Inhibit

If the product is fitted with a locking mechanism inhibit (alarm inhibit) function, operation of the locking mechanism can be electronically disabled by the control system when required.

For this purpose, the control system must apply a HIGH-level signal to the lock input labeled „Alarm Inhibit“.

While the HIGH-level signal is active, operation of the locking mechanism is prevented.

Wiring Diagrams

Detailed information on the electrical inputs and outputs, as well as the technical characteristics of the product, can be found in the applicable product documentation.

Irregularities During Locking

Blocked or Obstructed Keyway

If the key cannot be fully inserted into the lock, do not attempt to force it into the keyway. In this case, withdraw the key and inform the responsible lock supervisor.

Using the appropriate tools, the lock supervisor can remove any foreign objects from the keyway before they are pushed deeper into the lock or locking mechanism, where they could impair operation or cause damage.

Wrong Key / Lock Position

If the key cannot be turned, one of the following causes may apply:

1. Wrong Key / Incorrect Key Combination

   The lock may have been rekeyed to a different key combination.

   In this case, verify the currently valid key combination and ensure that the correct key is being used.

2. Incorrect Key Orientation

   The key has been inserted into the lock in the wrong orientation.

   The groove on the key indicates the correct insertion direction. When the bolt is extended (locked position), the groove must face the outside of the door.

3. No Further Turn Possible

   The lock is already fully locked or fully unlocked.

   The key cannot be turned any further in the intended direction, as the end position has already been reached.

If the lock cannot be operated after carrying out the corrective actions described above, contact the responsible lock supervisor or Steinbach & Vollmann GmbH for technical support and further instructions.

HSL 101 User Guide_EN_V1_A1
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