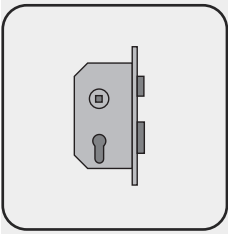


Locks

Content

	Page	
12.1	General information	970 - 972
12.2	Narrow style lock	973
12.3	Radiation-Protection lock	974
12.4	Multiple bolting devices	975 - 979
12.5	Concealed shot-bolt lock	980 - 981
12.6	Self-bolting panic locks	982 - 984
12.7	Panic functions	985 - 987
12.8	Lock centre lines	988 - 990
12.9	Special configuration	991
12.10	Special locks	992



Locks

12.1

According to DIN 18251 and DIN 18250 respectively DIN EN 12209

General information

DIN 18251 / DIN 18250

Function

For catching and bolting of doors in the frame, mortise locks with latch and bolt are used. The latch keeps the door shut, while the bolt, when in locked position, prevents the unauthorised entry. Depending on the door function and field of application different lock configurations according to DIN 18251 (mortise locks for doors) and DIN 18250 (mortise locks for fire protection closures) are used, they can be equipped with additional functions, such as panic functions.

Locks for the use in Fire- and Smoke-Protection-Doors underlie a special test and control code, which is regulated in DIN 18250, during their production. These locks are permanently labeled on the backset with the compliance label (Ü), corporate mark and type, production year as well as if applicable special function as for example panic function.

In order to assure the intended use the right combination of approved fittings (e.g. key and cylinder), as well as accessories (e.g. strike plate) is needed for the installation.

Profile cylinder lock (PZ)

Prepared for the installation of profile cylinders according to DIN 18252 (locking cylinders for door locks), the PZ-lock with profile cylinder (according to DIN 18254) is the standard for today's heavy-duty doors. By turning the key twice the bolt is locked. Besides the regular PZ-perforation also locks for round- and oval-shaped cylinders are available.

Warded lock (BB)

Apartment doors are usually equipped with warded locks they can be locked in either one or two turns and with various key shapes. If Fire-Protection-Doors with BB-perforation are requested, PZ-locks with special warded lock insert are used. The use in Smoke-Protection-Doors is not allowed and not recommended in highly sound-deadening doors.

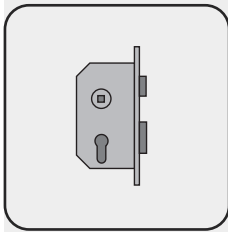
Lock for bathroom doors (BAD)

Locks for bathroom doors do only need to be turned once to lock the door with a spindle.

DIN EN 12209

DIN EN 12209 defines requirements and test procedures for the long-term durability test, stability, protection effect and the mode of action of mechanically operated locks and their strike plates for the European market, which are inserted in doors, French doors and entrance doors.

If locks and strike plates are to be inserted in Fire-Protection- and/or Smoke-Protection-Doors additional characteristics are necessary in order to meet the basic requirements "safety in the case of fire", either independently or as a part of a complete door set. In appendix A additional requirements for locks and strike plates for Fire-Protection- and/or Smoke-Protection-Doors are defined.



Locks

12.1

According to DIN 18251 and DIN 18250

Requirements and additional functions

Requirements

Locks of **class 1** or **class 2** are inserted in doors with low or medium requirements and quality. The medium-heavy interior door lock **class 3** is predominantly used for heavy-duty doors. Locks of **class 3** need to pass a long-term durability test with 200.000 operations of the latch function and 50.000 operations of the bolt function.

All Schörghuber special doors are equipped with locks of at least **class 3**.

Locks of **class 4** are so called agency locks. These locks are used for doors with high user frequency or for doors with burglar-protection function. The long-term durability test consists of 500.000 operations of the latch function and 100.000 operations of the bolt function.

Latch function (W)

In order to be able to retract the latch with the key (without handle operation), locks with so called **latch function** are used.

Especially for apartment entrance doors with one-sided handle (knob/lever combination) the unauthorised entering, while not bolted, can be prevented.

Narrow style locks

For doors with narrow friezes (< 120 mm), as for example solid wood framed doors, **narrow style locks** are used. Due to missing national (DIN) and European standards (EN) the dimensions of the locks are based on factory standards according to DIN 18250 and 18251.

Panic locks

Locks of class 3 and 4 according to DIN 18251 and 18250 can be equipped with panic function. These so called **panic locks** enable an unhindered opening, in the predetermined escape direction, of the closed and bolted doors of the escape routes .

Self-bolting panic locks

In order to meet the security requirements, according to the type and use of the building, **self-bolting panic locks** are a suitable option. These locks, often used in apartment interior doors or escape doors, lock the bolt either by activating a supporting latch or a special mechanism on the main latch when the door is closed.

Multiple bolting device

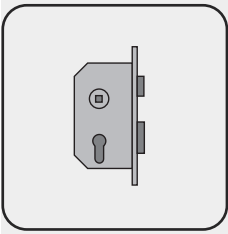
Doors with burglar-protection function, according to their resistance class (WK 2 or WK 3) are equipped with locks with **multiple bolting devices**. Besides of the bolt at the main lock, two additional bolts of the secondary locks catch and increase the attack-resisting function of the door.

Radiation-Protection locks

Radiation-Protection-Doors with a lead equivalent value ≥ 2 mm require a **Radiation-Protection lock** with shifted follower and PZ-perforation. Therefore the backset is different on push and pull side (40/80).

Corrosion-resistant locks

Wet Room Doors need to be, due to the climate stress in areas with high humidity, equipped with **corrosion-resistant locks** according to DIN 18251.



Locks

12.1

According to DIN 18251 and DIN 18250 Configurations and dimensions

Standard lock

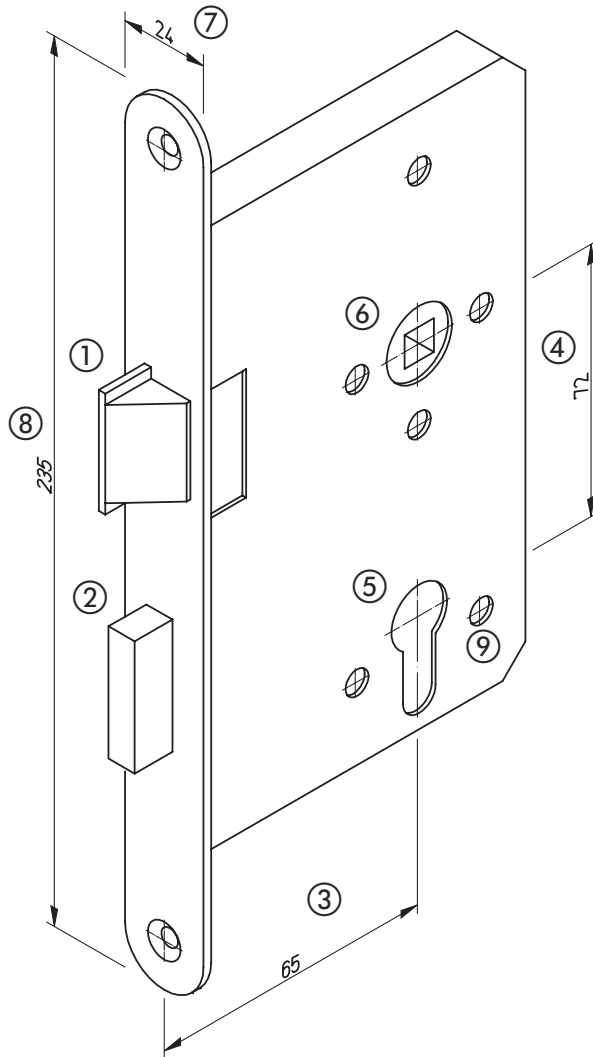
The surface of the **forend** is available either as galvanised steel, stainless steel or with special surface finishes (e.g. brass-plated, chrome-plated, gold-plated).

The **forend width** for Schörghuber doors is 20 mm for the standard rebate and 24 mm for rebated and unrebated door leaf configurations.

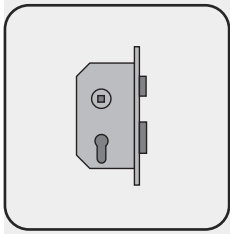
Latch and bolt of locks (class 3 and 4) are by default in galvanised metal configuration, on request also available nickel-plated.

The follower of locks according to DIN 18250, for Fire- and Smoke-Protection-Doors, needs to be dimensioned for carrying a **9 mm square-cut spindle**.

Characteristic measures for the description of a lock and the position of spindle to PZ-perforation are the **backset** and the **centre distance**. The standard dimension of the backset is 65 mm, because then a minimum remains between frame jamb and lever respectively knob for its use. Depending on the lock function the backset dimensions are also available in 55, 80 and 100 mm. The centre distance between the spindle and PZ-perforation is 72 mm.



- ① Latch
- ② Bolt
- ③ Backset
- ④ Centre distance
- ⑤ PZ-perforation
- ⑥ Follower
- ⑦ Forend width
- ⑧ Forend length
- ⑨ Fixing for rosettes



Locks

12.2

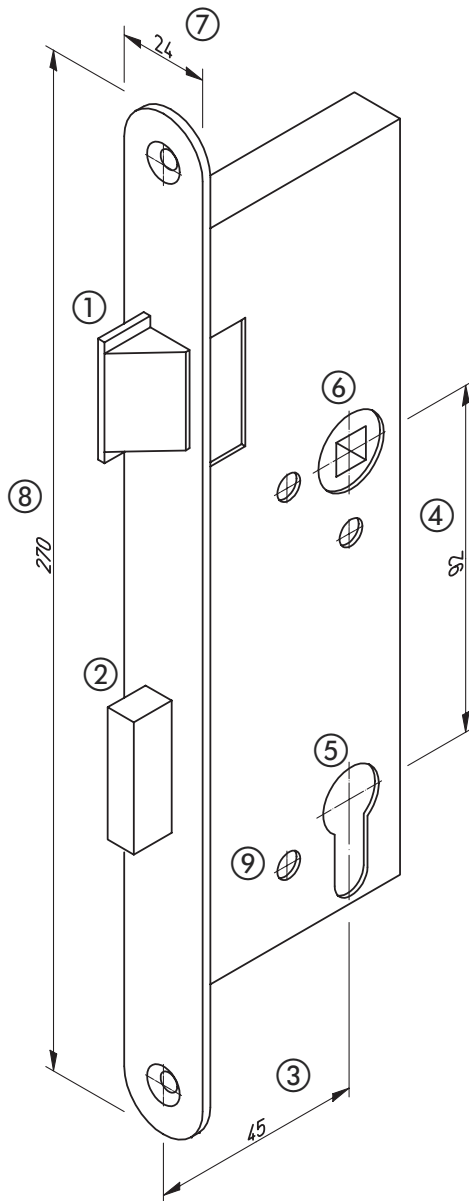
Narrow style lock

Configurations and dimensions

Narrow style lock

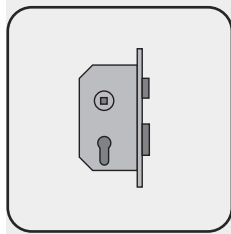
Narrow style locks are needed for doors with extremely narrow friezes (< 120 mm).

Due to missing national (DIN) and European standards (EN) the dimensions of the locks are based on factory standards. Narrow style locks are also available with panic function. By default the backset is 45 mm, the centre distance 92 mm and the forend length 270 mm. The forend width measures 24 mm.



- ① Latch
- ② Bolt
- ③ Backset
- ④ Centre distance
- ⑤ PZ-perforation
- ⑥ Follower
- ⑦ Forend width
- ⑧ Forend length
- ⑨ Fixing for rosettes

Wooden special doors



Locks

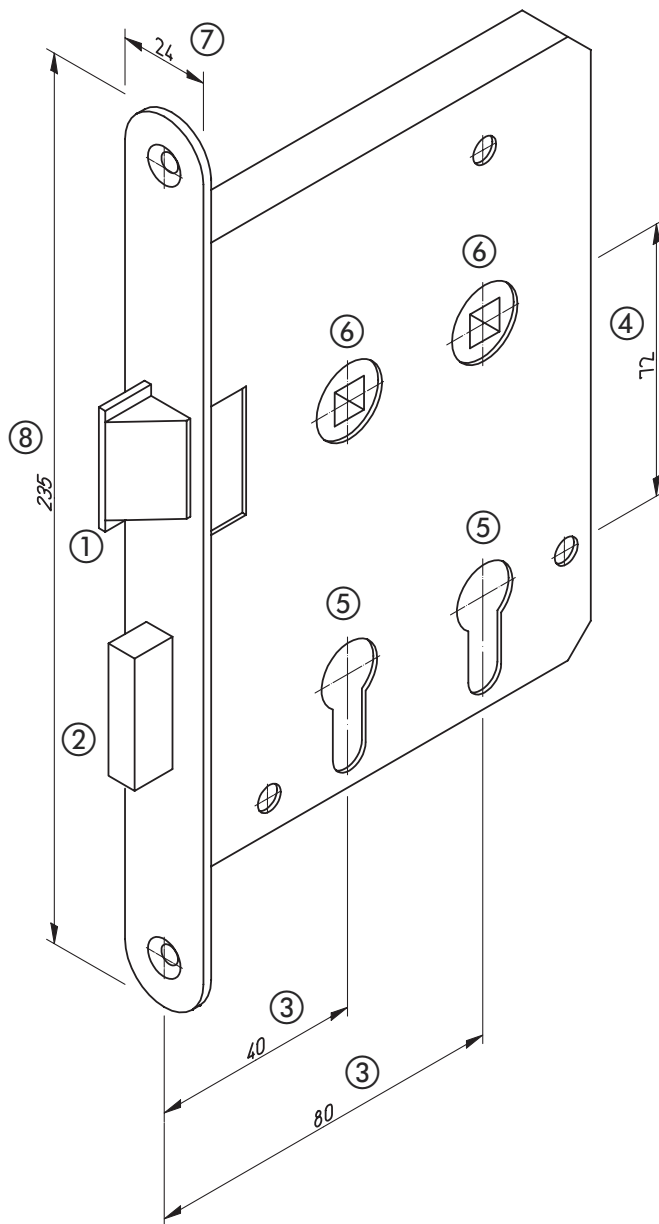
12.3

Radiation-Protection lock

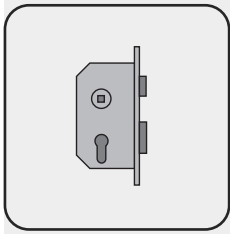
According to DIN 6834

The lead inlays in Radiation-Protection-Doors can not guarantee 100% Radiation-Protection in the areas of the drillings for the handles and the keyhole. According to DIN 6834 surface defects of the lead inlay in these areas are allowed up to a lead equivalent of less than 2 mm. If the lead equivalent value is 2 mm or more every Radiation-Protection-Door must be equipped with a special lock with shifted follower and PZ-perforation. The backset measures 40 respectively 80 mm.

New: Now also available in fire protection configuration.



- ① Latch
- ② Bolt
- ③ Backset
- ④ Centre distance
- ⑤ PZ-perforation
- ⑥ Follower
- ⑦ Forend width
- ⑧ Forend length



Locks

Multiple bolting device

Configuration

Multiple bolting device

The construction of locks with a multiple bolting device is based on DIN 18250 (mortise locks with three-latch catch).

Locks with a multiple bolting device are usually used in combination with Burglar-Protection-Doors. Schörghuber doors with the resistance class WK 2 do only require locks with special security equipment, on request the locks can be equipped with a multiple bolting device.

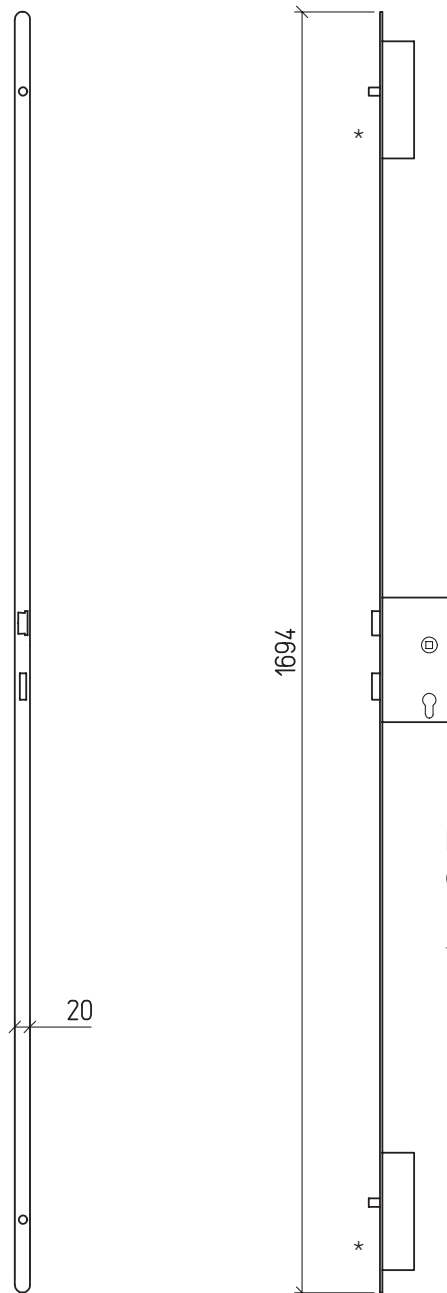
Schörghuber 1-leaf (WK 3/WK 4) and 2-leaf (WK 2/WK 3) Burglar-Protection-Doors are by default equipped with a multiple bolting device.

The standard backset of the main lock measures 65 mm, the centre distance measures 72 mm and the follower is prepared to carry a spindle. Due to the minimum length of the forend (1694 mm), the multiple bolting device can not be used at a door height of less than 1890 mm.

Due to the backset dimension of 65 mm a multiple bolting device for solid wood framed doors is only possible, if the frieze widths are 120 mm or more (configuration without middle frieze) respectively ≥ 90 mm (configuration with middle frieze ≥ 250 mm).

Panic function

On request the multiple bolting devices for heavy-duty doors as well as for Fire-Protection-Doors can be equipped with a panic function.

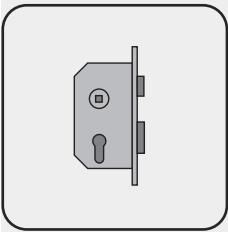


Backset 65 mm
Centre distance 72 mm

* with hook bolt for WK 4 (1-leaf door)
and WK 3 (2-leaf door)

Forend view

Side view

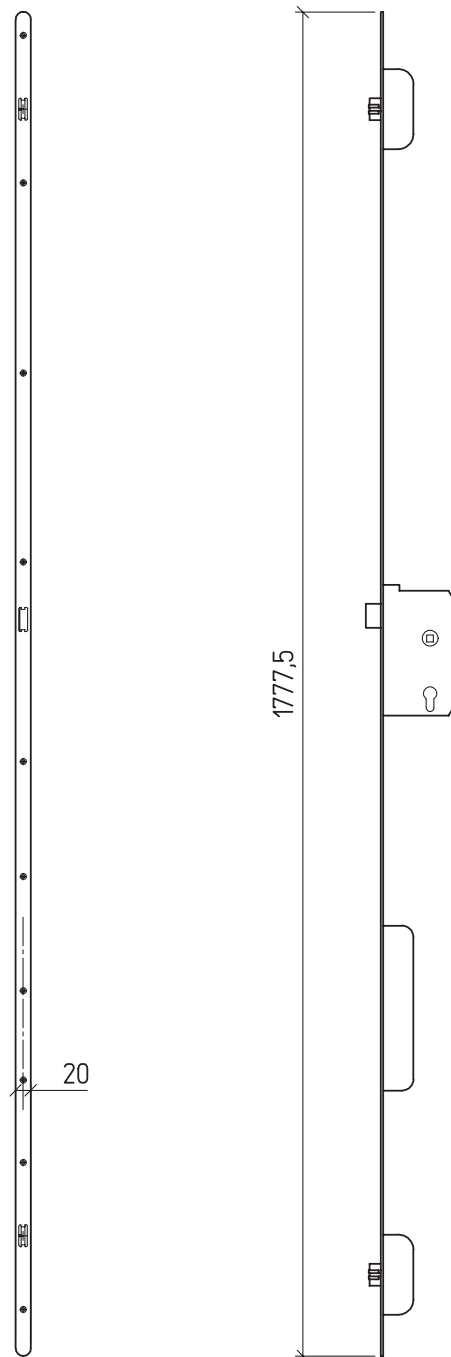


Locks

Multiple bolting device

Self-bolting configuration

BKS / GU Series 21** Security



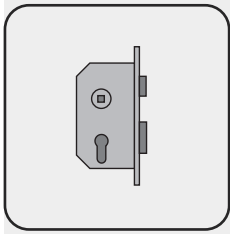
Forend view

Side view

- Automatic bolting of the deadbolt and the automatic bolt by the integrated release trigger, therefore a manual locking is unnecessary
- Approved in combination with BKS fittings according to DIN EN 1125 and DIN EN 179
- For single- and double-leaf door systems
- Panic functions
 - * Panic function B
 - * Panic function C
 - * Latch function

On request

- Handle on the outside electrically coupled



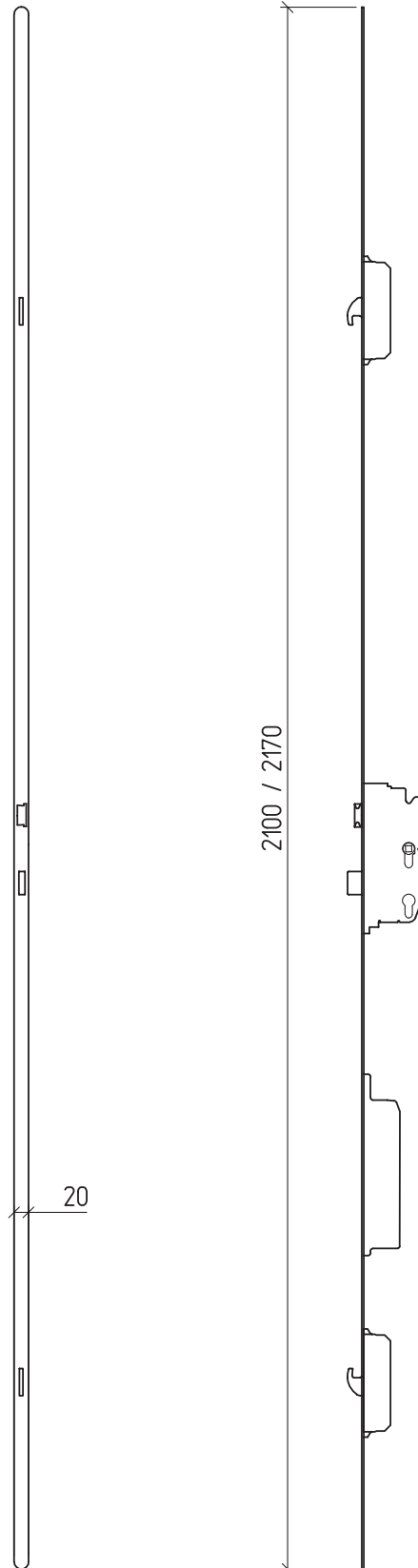
Locks

12.4

Multiple bolting device

Configuration with motor lock with panic function

DORMA M-SVP 2000

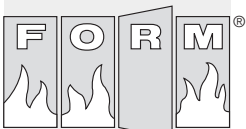


Forend view

Side view

- Single- and double-leaf doors (WK 2 and WK 3)
- The bolting is fully automatic electromotive (in the event of a blackout by the PZ)
- The unlocking from the outside can be realised either by access control or the PZ
- The unlocking from the inside is realised by access control, lever as panic function or PZ
- According to DIN EN 179
- Available with permanent-open mode respectively daytime latch function for heavy-duty doors
- In combination with a cylinder with freewheeling function, adequate for automatic door operators

Wooden special doors



Schörghuber

Locks

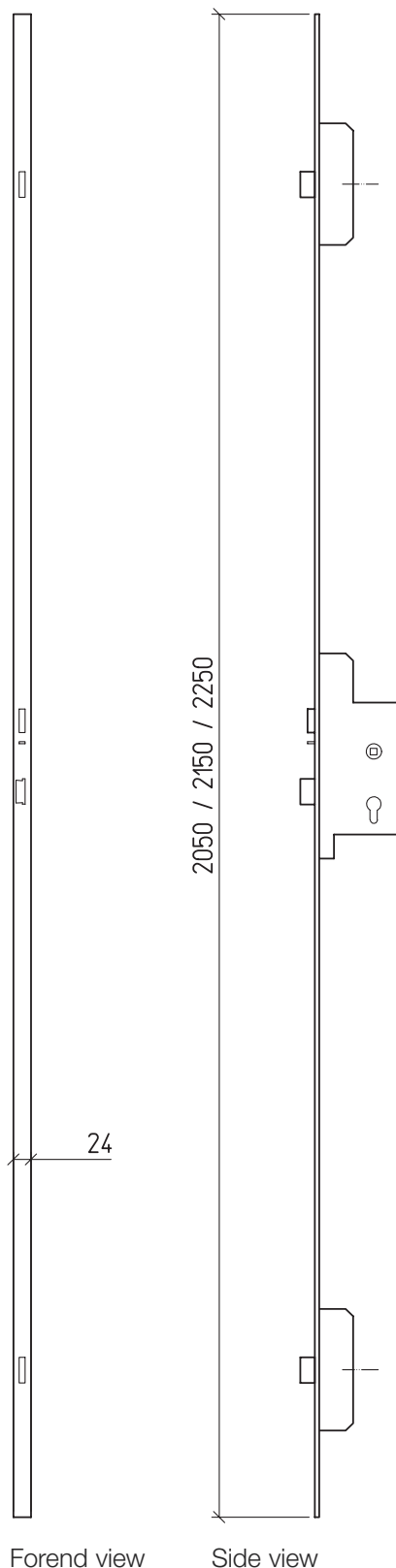
12.4

Multifunctional multiple bolting device

Configuration

HZ-lock

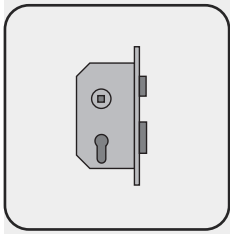
SecurSol offers with the HZ-lock a multifunctional security door closure with 3-way bolting. With this lock various requirements and functions can be met and integrated in a door set.



Forend view

Side view

- Burglar-Protection WK 2 and WK 3
- Self-bolting: when the locking position is reached the bolts of the main lock and the two secondary locks engage.
- Escape door: in case of panic the 3-way bolted door can be opened with only one movement of the handle.
- Escape route: in the event of a blackout, electrically controlled locks can be opened by connecting the outside handle with a key.
- Fire-Protection: the HZ-lock is approved for the use with Schörghuber T 30 and T 90 door sets.
- Electrical control: optionally the lock can be equipped with electrically controlled access control systems, e.g. card readers
- Surveillance function: optionally internal door use information can be submitted, examples are the door position via magnetic contact, surveillance of bolt, handles and cylinder.



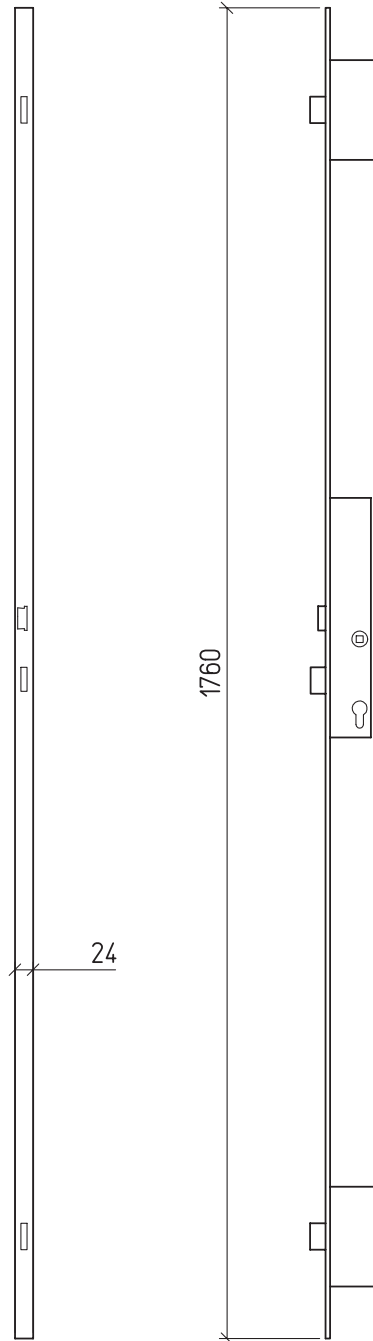
Locks

12.4

Multiple bolting device

Configuration

eff eff motor lock with multiple bolting device 519

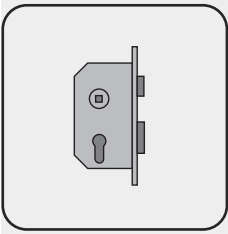


Forend view

Side view

- Self-bolting panic lock
- Certified according to DIN 179/1125
- Due to the motor drive the lock can be used in connection with automatic door operators
- Prepared for all options of control, intercom, timing, access control
- Backset dimensions 45/65 mm
- In case of extreme door heights the multiple bolting device can be extended with a fourth bolt

Wooden special doors



Locks

12.5

Concealed shot-bolt lock

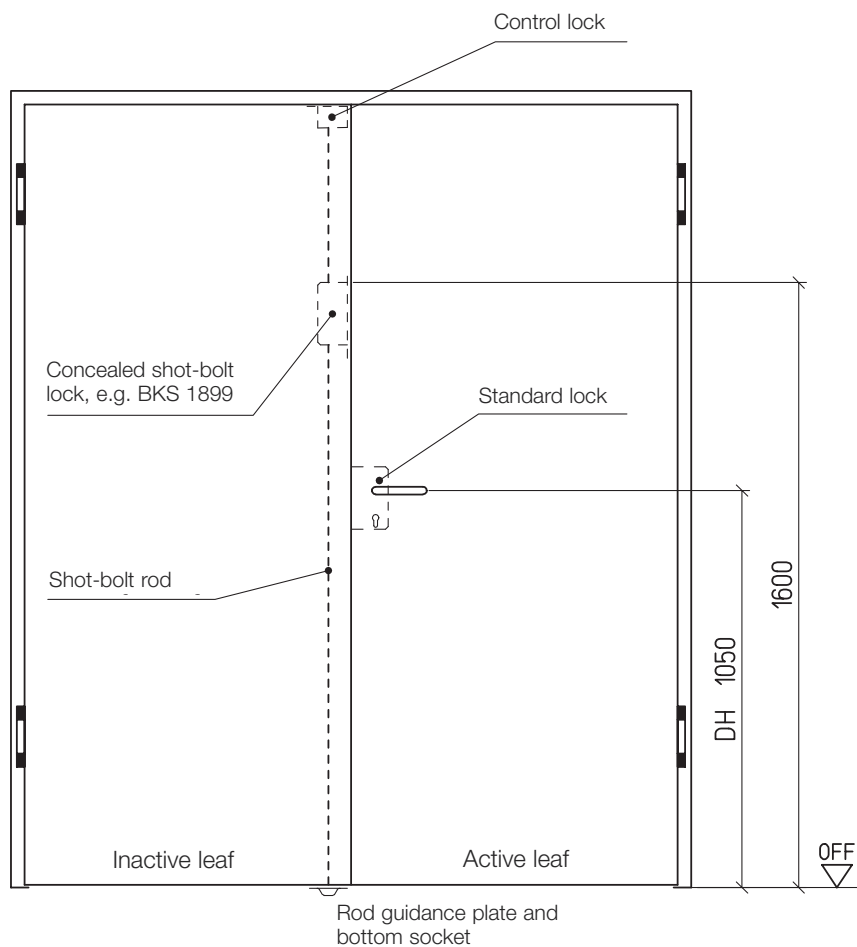
2-leaf door sets

Concealed shot-bolt lock

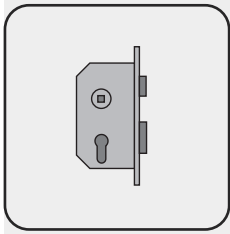
Schörghuber 2-leaf doors are by default equipped with a concealed shot-bolt lock. The inactive leaf can only be unlocked if the active leaf is opened. By triggering the lever of the concealed shot-bolt lock, the shot-bolt rods are manually pulled into the door leaf. A following arrest prohibits the rods from extending and therefore a damaging of the floor. When the inactive leaf is moved into locking position again, the control lock automatically releases the self-bolting shot-bolt rods to the top and bottom and the inactive leaf is locked.

Due to this construction the inactive leaf is not equipped with a one-sided lever set. If a concealed shot-bolt lock is used, a panic function for 2-leaf door sets is only available as partial panic function on the active leaf .

Wooden special doors



12



Locks

12.5

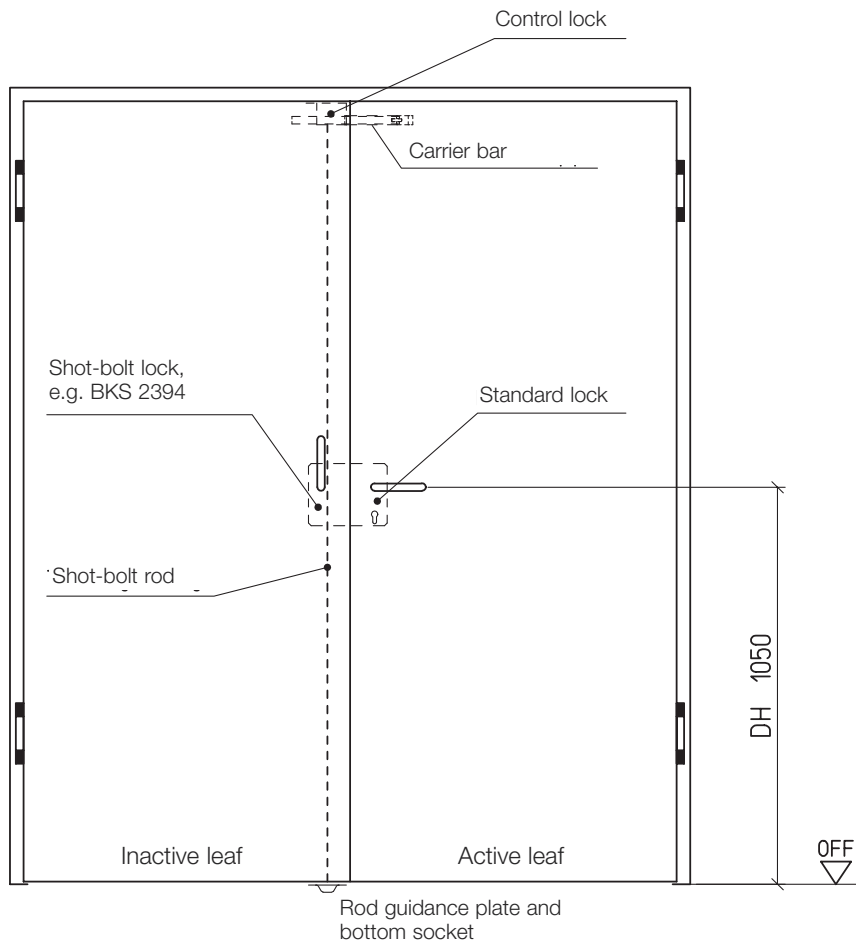
Shot-bolt lock

2-leaf door sets

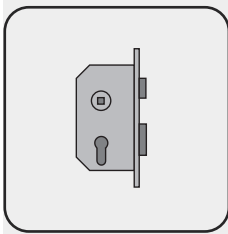
Shot-bolt lock

Instead of a concealed shot-bolt lock 2-leaf door sets are also available with a shot-bolt lock. In this case the inactive leaf is equipped with a one-sided lever set.

If a shot-bolt lock is used a panic function including a carrier bar is possible for both door leaves.



Wooden special doors



Locks

12.6

Self-bolting panic locks

DORMA SVP

Self-bolting panic locks

In order to meet different security requirements according to building type and use, self-bolting panic locks can be installed. These locks, used mostly in apartment entrance doors or escape doors, automatically push the bolt, by triggering a supporting latch when the door is being closed, and arrest the latch.

With the four SVP model series, DORMA offers a lock program with a spectrum of possibilities to realise specific security, comfort, surveillance and control functions.

A one-sided fixed knob (latch function) has to be used with all SVP-configurations, except SVP 6000. Short, long backset as well as rosette handle sets can be used. The locks SVP 6000, 4000 and 2000 can be ordered with the respective connection cable DORMA SVP-A 1000 (enclosed in bulk, indicate length during the order process). The electrical connection (operating current) requires, except for SVP 4000, 12 volt direct current voltage (SVP 2000 also with 12 volt alternating voltage or 24 volt direct current voltage).

SVP 6000

Self-bolting control lock with panic function, split follower and electrical control for monitored access by the outside lever. Mechanical bolting when the door is being closed, electrical operating latches and bolt surveillance with notification if the lever, respectively the panic unlocking device, is operated, permanent-open mode by permanent electrical control is possible (standby current version coupled for the event of a blackout), a cable channel in the door leaf is necessary.

SVP 5000

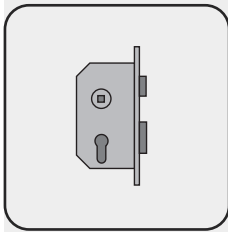
Self-bolting lock with panic unlocking device, mechanical bolting when the door leaf is being closed.

SVP 4000

Self-bolting lock with panic unlocking device, mechanical bolting when the door leaf is being closed, electrical operating latches and bolt surveillance with notification if the lever, respectively the panic unlocking device, is operated, a cable channel in the door leaf is necessary.

SVP 2000

Self-bolting motor lock with panic function for electrical operating by external, customer supplied control SVP-S 2.x with locking process assurance, mechanical bolting when the door leaf is being closed, electrical operating latches and bolt surveillance with notification if the lever, respectively the panic unlocking device, is operated, electromotive unlocking, electrically detachable unlocking (permanent-open mode), automatic deactivation of the permanent-open mode in the event of a blackout (operating current), manipulation protected unlocking function, a cable channel in the door leaf is necessary.



Locks

Self-bolting panic locks

BKS 2100 FRS series

Automatically bolting locks

In order to meet the security requirements according to building type and use, self-bolting panic locks can be installed. These locks, used mostly in apartment entrance doors or escape doors, automatically lock the bolt when the door is being closed, by triggering a release lever integrated in the deadbolt.

The characteristic feature of the BKS automatically bolting locks is the deadbolt. Solely mechanical, without complex wiring of the door leaf, the deadbolt assures an automatic self-bolting and simultaneously functions just as a latch.

The deadbolt releases the locking device only if the door has reached its final locking position. Two locking positions guarantee additional security. The advancing automatic bolt, with 20 mm ejection, as an additional bolting device assures an extended security.

All BKS automatically bolting locks of the 2100 series can be equipped with rosettes.

From a multiplicity of FRS versions, also for 2-leaf door sets, four are listed hereafter.

FRS 2126

Automatically bolting lock with latch function and self-bolting device. The door is automatically locked twice when being closed. It can be opened from the inside at any time using a lever (panic function) and from the outside with a key. This lock with 9 mm follower is only available with one-sided fixed knob and lever handle set.

FRS 2120

Automatically bolting lock with panic function B and self-bolting device. The door is automatically locked twice when being closed. It can be opened from the inside at any time (panic function). By a key operation in unlocking direction, the lever on the outside is coupled, now an opening of the door is possible from both the inside and the outside. By a key operation in locking direction the basic calibration is restored. This lock with 9 mm follower is only available with two-sided lever handle set.

FRS 2130

Configuration just as automatically bolting lock 2120. The 2130 version is equipped with an additional bolting to the top and therefore has three bolting spots.

FRS 2166 (not for Fire- or Smoke-Protection-Doors)

Automatically bolting lock with hold-open device by lock operation, latch function and self-bolting device. The variable hold-open lock offers, according to the requirements, automatic self-bolting or unrestricted access. On request deadbolt and automatic bolt can be adjusted by key operation in order to allow an unhindered access, for example for temporary foot traffic. Otherwise the self-bolting takes place automatically and the door is openable from the inside by using the lever.

Locks

Self-bolting panic locks

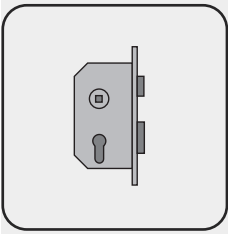
BKS 21 . . / 19 . . series

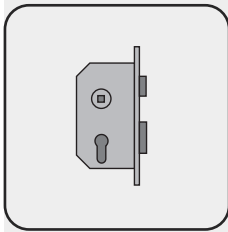
21 . . series**Product description:**

- BKS deadbolt panic locks with automatic bolting:
 - **Automatic bolt:** the automatic bolt automatically ejects by 20 mm and therefore assures, in connection with the deadbolt, an ideal bolting and safety.
 - **Deadbolt:** the deadbolt as additional bolting device guarantees best safety. The integrated release lever automatically ejects the deadbolt from 12 to 20 mm.
- Automatic bolting of deadbolt and automatic bolt by release lever, therefore no supporting latch is necessary.
- Certified safety according to VdS-class B.
- Available in the following panic functions:
 - Panic function B
 - Panic function C
 - Latch function
 - Backset dimensions 65 mm, 80 mm, 100 mm
 - Centre distance 72 mm

19 . . series (narrow style lock)**Product description:**

- BKS-deadbolt panic locks with automatic bolting:
 - **Automatic bolt:** the automatic bolt automatically ejects by 20 mm and therefore assures, connection with the deadbolt, an ideal bolting and safety.
 - **Deadbolt:** the deadbolt as additional bolting device guarantees best safety. The integrated release lever automatically ejects the deadbolt from 12 to 20 mm.
- Automatic bolting of deadbolt and automatic bolt by release lever, therefore no supporting latch is necessary.
- Available in the following panic functions:
 - Panic function B with panic function in daytime mode
 - Panic function C
 - Latch function
 - Backset dimensions 40 mm, 45 mm
 - Centre distance 92 mm





Locks

12.7

Panic functions E, B, C and D

Configurations and fields of application

Panic function B

The door is equipped with levers on both sides. The locked door can be opened from the inside (panic function). The outside lever is unengaged. By unlocking with the key until the stop the normal function is reached and the door can be opened from both the inside and the outside. By locking the door with the key panic and idle function are restored (panic function B).

Panic function C

The door is equipped with levers on both sides. The locked door can be opened from the inside (panic function). The outside lever is always in idle function. By unlocking with the key until the stop the idle function is deactivated and the door can be opened from both the inside and the outside. The removing of the key is only possible when the door is locked (panic function C), i.e. the idle function is restored.

Panic function D

The door is equipped with levers on both sides. The locked door can be opened from the inside (panic function). If the inside lever is operated (escape function), the follower is coupled again. The bolting of the door only takes place if the lock cylinder is operated.

Panic function E

The door is equipped with a lever and a fixed knob handle set. The locked door can be opened from the inside (panic function), with the key from the outside (the bolt is rejected and the latch is drawn back).

Panic function for 2-leaf door sets, partial and full panic function

2-leaf door sets can be equipped with either partial or full panic function, whereas the necessary escape route width determines the function.

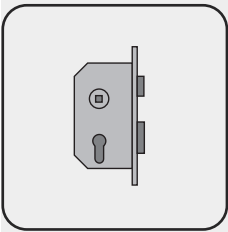
With partial panic function an unhindered opening of the active leaf is guaranteed. The inactive leaf can by default be equipped with a concealed shot-bolt lock.

With full panic function it has to be possible for the escaping person to use the full width of the door set. If equipped accordingly the inactive leaf can be opened, even in bolted mode, by operating the one-sided lever.

In order to assure a safe door coordination, the attaching of a panic carrier bar in the top area on the push side is necessary. If the inactive leaf is pushed open, the carrier bar opens the active leaf far enough to assure that the door coordination function of the door closer keeps the active leaf open. Therefore the inactive leaf can close, according to regulations, before the active leaf and so fulfill the requirements of the fire and smoke protection functions.

Restrictions for the full panic function result from possible door restraints of active and inactive leaf, if the measures are below certain minimum dimensions (LD-width) ➔ Index 3.

Furthermore a full panic function is not possible for 2-leaf doors with surface mounted door closer with slide rail on push side.

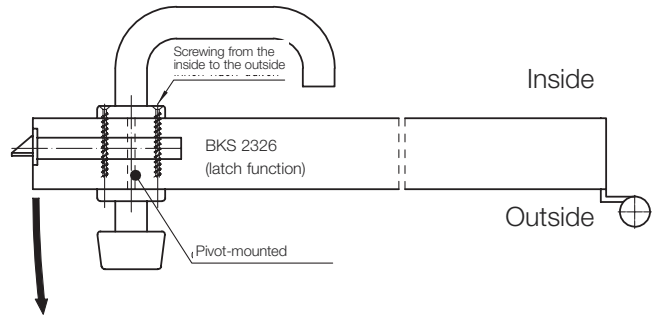


Locks

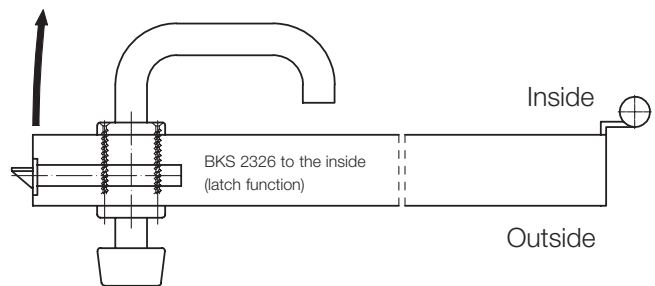
Panic functions

1-leaf door sets

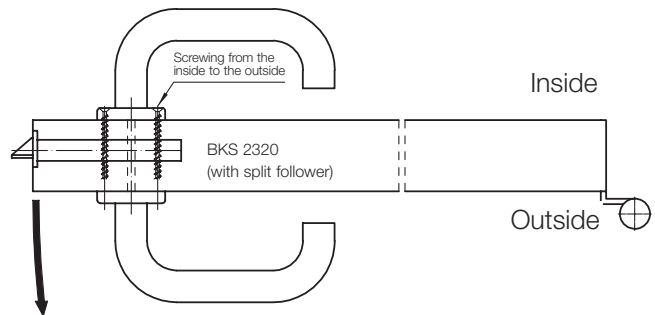
Panic function E
Escape direction: outside



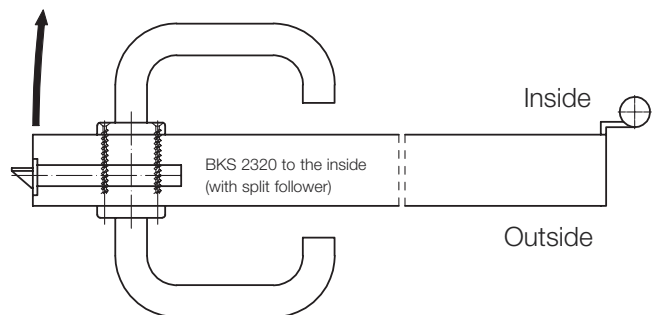
Panic function E
Escape direction: inside

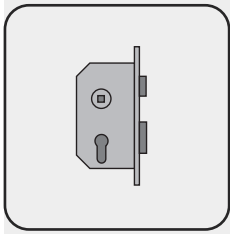


Panic function B
Panic function C
Panic function D
Escape direction: outside



Panic function B
Panic function C
Panic function D
Escape direction: inside





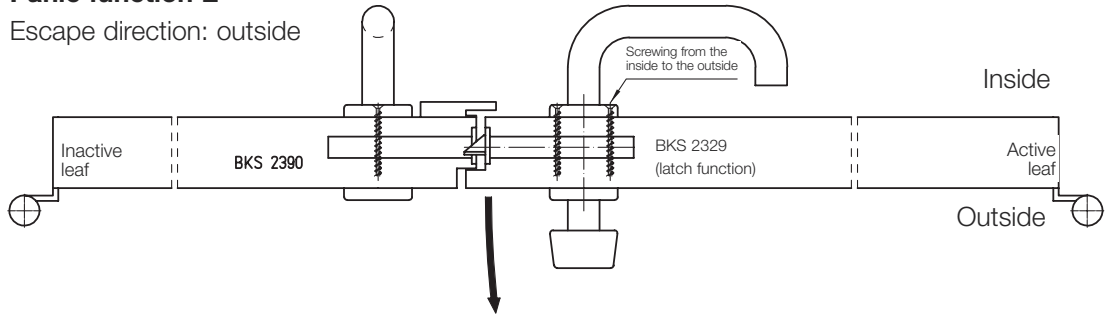
Locks

Panic functions 2-leaf door sets

Wooden special doors

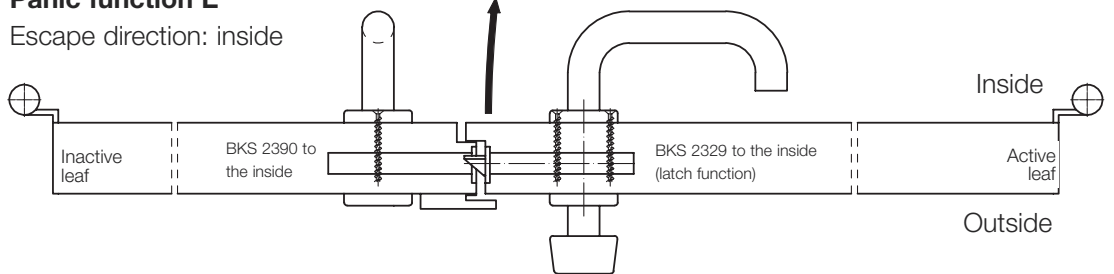
Panic function E

Escape direction: outside



Panic function E

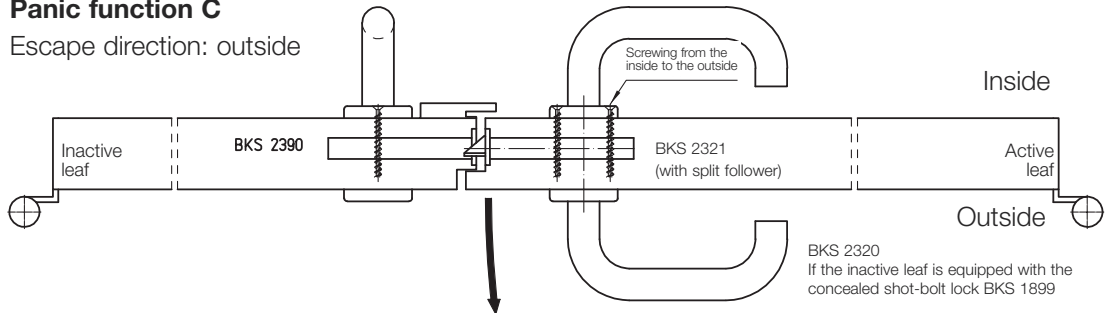
Escape direction: inside



Panic function B

Panic function C

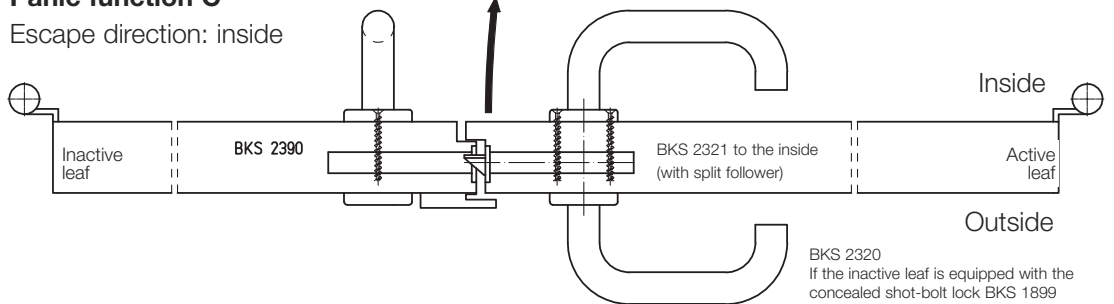
Escape direction: outside

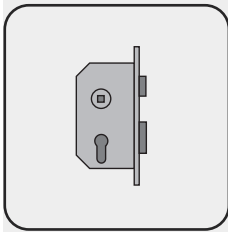


Panic function B

Panic function C

Escape direction: inside





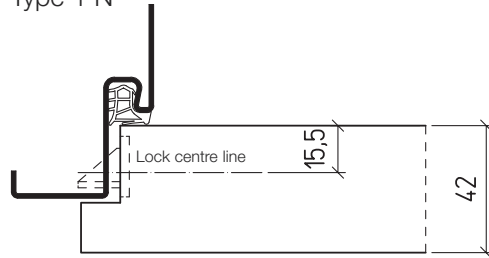
Locks

Lock centre lines

1-leaf door sets

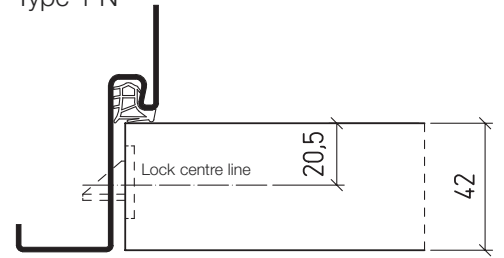
Rebated

Type 1 N



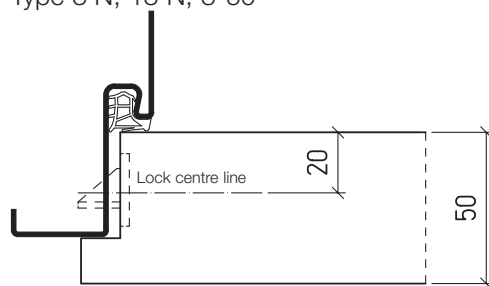
Unrebated

Type 1 N



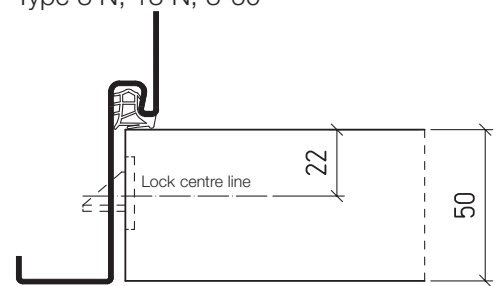
Rebated

Type 3 N, 13 N, 3-60



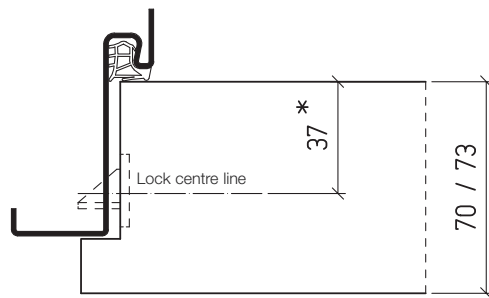
Unrebated

Type 3 N, 13 N, 3-60



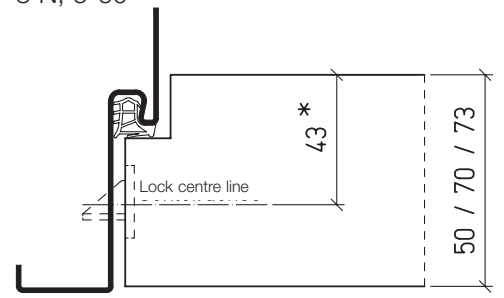
Rebated

Type 16 N, 5 N, 25 N, 21 N, 8 N, 5-60



Unrebated with jamb rebate

Type 3 N, 13 N, 16 N, 5 N, 25 N, 21 N, 8 N, 5-60

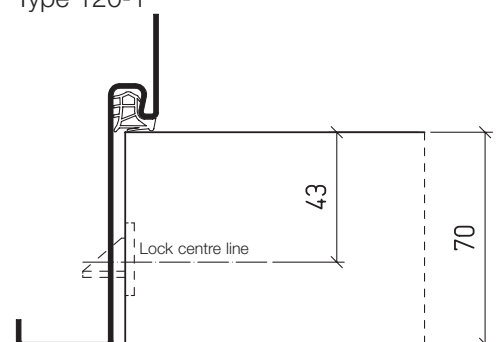


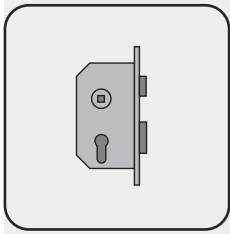
*
 37 mm for a door leaf thickness = 70 mm + DIN-lock
 37 mm for a door leaf thickness = 73 mm + DIN-lock
 35 mm for a door leaf thickness = 73 mm + narrow style lock

*
 32 mm for a door leaf thickness = 50 mm + DIN-lock, 20 mm forend
 43 mm for a door leaf thickness = 70 mm + DIN-lock
 44 mm for a door leaf thickness = 73 mm + DIN-lock
 42 mm for a door leaf thickness = 73 mm + narrow style lock

Unrebated

Type 120-1





Locks

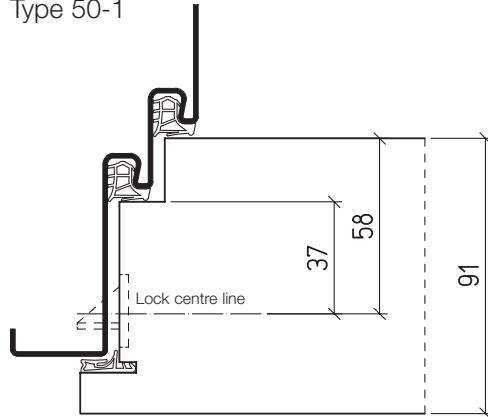
Lock centre lines

1-leaf door sets

Wooden special doors

Unrebated with double jamb rebate

Type 50-1

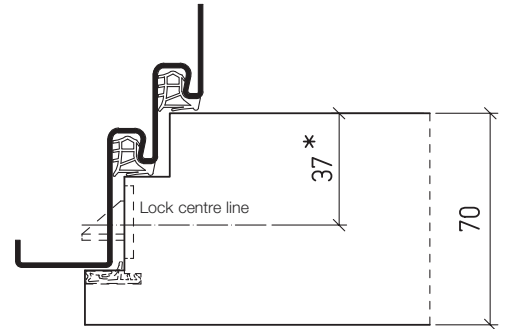


Unrebated with double jamb rebate

Type 17 N (Rw,P 48 dB), 35 N

* 37 mm for 17 N/35 N

41 mm for 6 N without gasket in the rebate

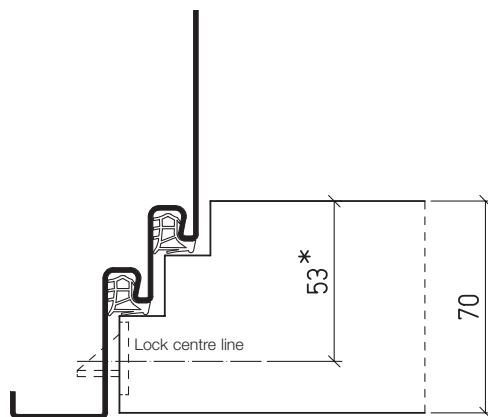


Unrebated with double jamb rebate

Type 16 N, 5 N

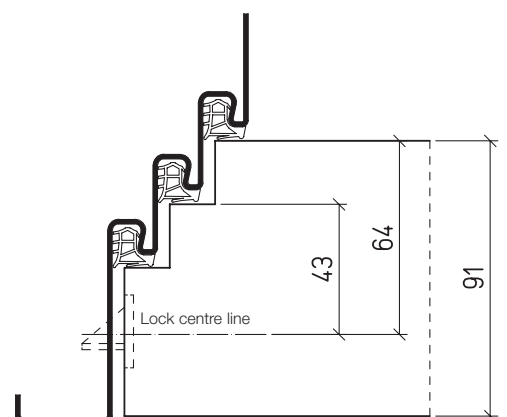
* 53 mm for recess door version

49,5 mm for TD 70 5 N/6 N



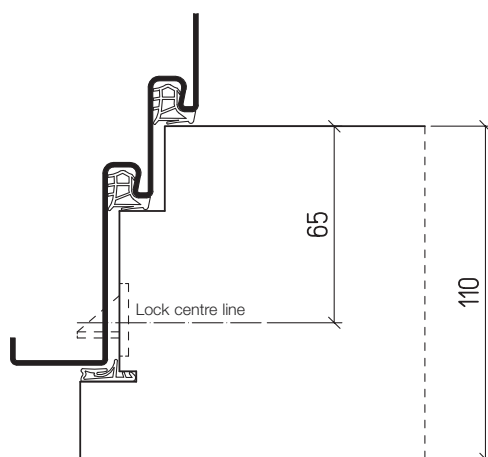
Unrebated with double jamb rebate

Type 50-1



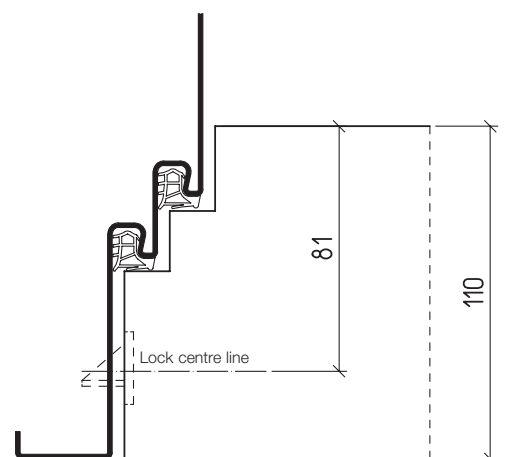
Unrebated with double jamb rebate

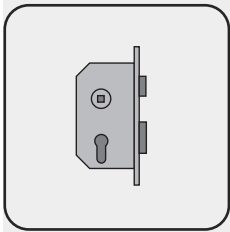
Type 10 N



Unrebated with double jamb rebate

Type 10 N, 91 N



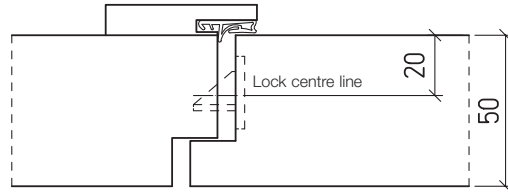


Locks

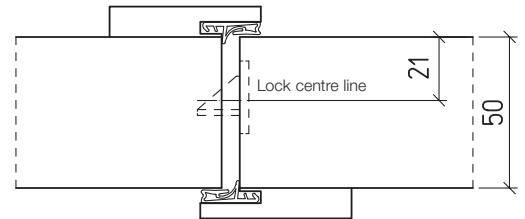
Lock centre lines

2-leaf door sets

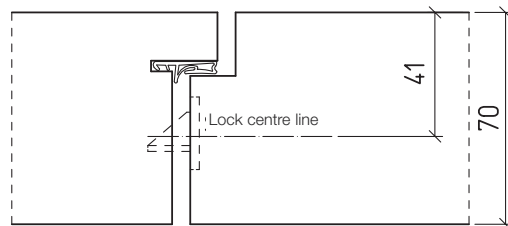
Type 4 N, 14 N



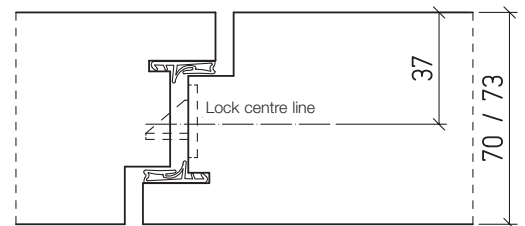
Type 4-60



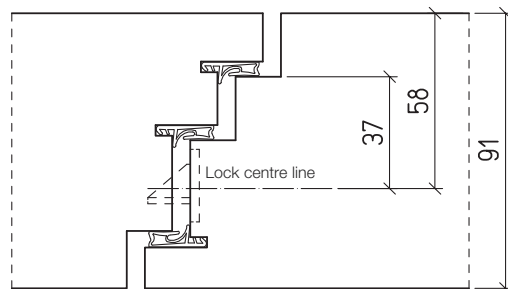
Type 26 N, 6 N (Rw,P 37 dB)



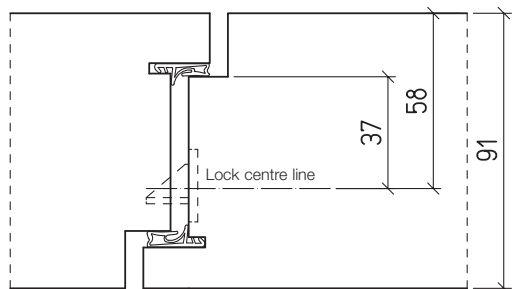
Type 6 N (Rw,P 42 / 45 dB) / 27 N



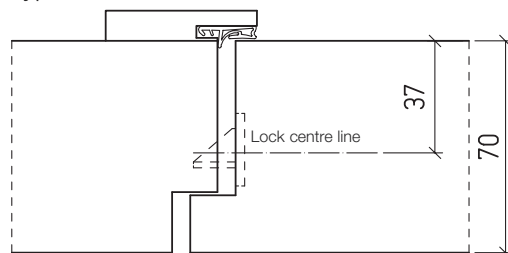
Type 50-2



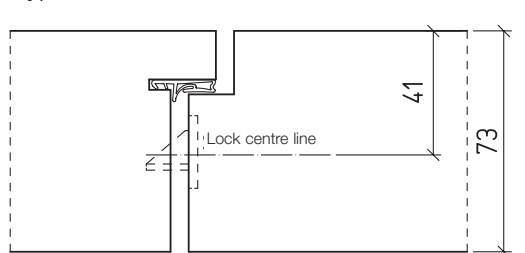
Type 80-2



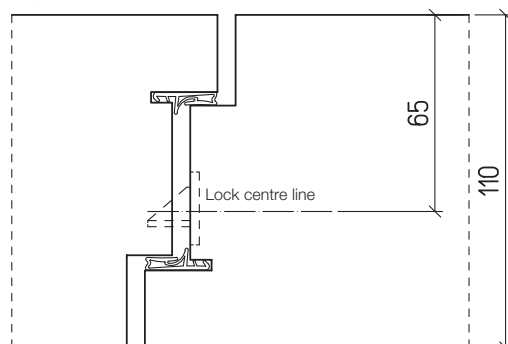
Type 24 N, 6-60

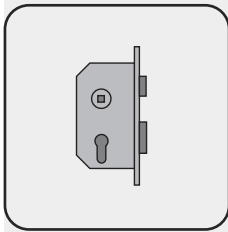


Type 27 N



Type 20 N, 92 N





Locks

12.9

Special configuration

Electrically coupled locks

The outside lever is electrically activated, therefore the access can be controlled electrically. The control via push button, intercom (or similar), via time switch or an access control system is possible. Simultaneously the surveillance contacts, which monitor the lock parts in detail, are electrically read by integrated switches. In the event of an emergency the door can be opened with the mechanical profile cylinder (e.g. for rescue situations by the fire department).

Electrial surveillance of lock sets

The following lock parts, of mortise locks, can be electrically monitored:

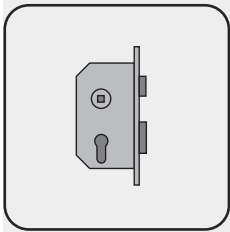
- Bolt
- Latch
- Follower

In most cases the surveillance of the bolt is sufficient, so that the surveillance of the latch and/or follower is rarely necessary. The electrical surveillance of the lock parts can either be realised seperately or in combination. Usually the cutout for the lock has only to be changed slightly.

FT lock surveillance

Especially for the combination of door control centres of BKS escape door systems a special type of electrical lock surveillance has been developed.

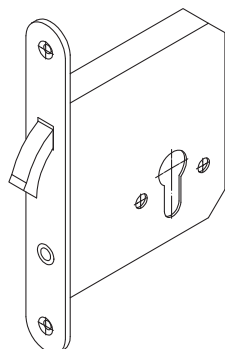
In this instance the situation of the bolt is monitored and an impulse is given as soon as the profile cylinder is turned. This lock can be used anywhere, where a control operation with the locking and unlocking is triggered. An exception are the BKS-FT door control centres.



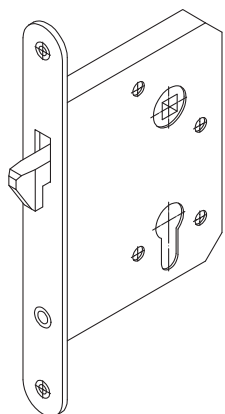
Locks

Special locks

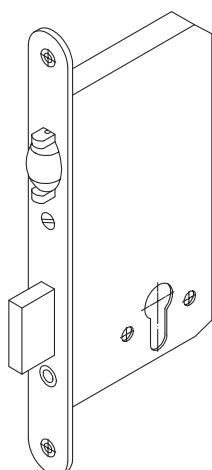
12.10



Sliding door lock
 BKS 0371, backset 65 mm
 (suitable for the use with Schörghuber T 30 sliding doors)



Sliding door lock
 BKS 0375, backset 55, 60, 65 mm



Swing-door lock
 BKS 0055, backset 55, 60, 65 mm
 with role latch and profile cylinder