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**BLUE WEST**  
GmbH

**DOOR HARDWARE -  
LOCKS**

Access Solutions Consulting  
& Sales Company

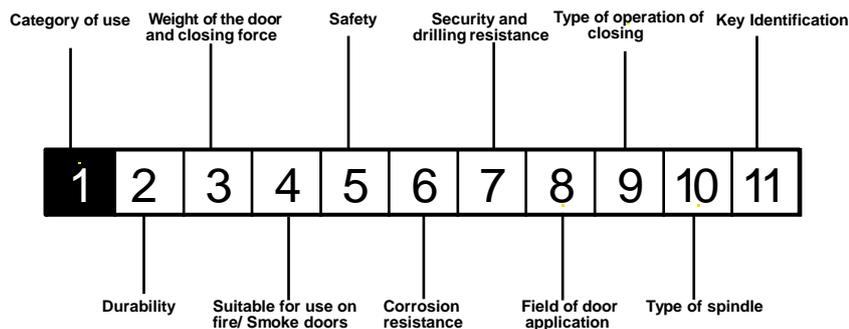
For impressive entrances  
For high quality solutions  
For many applications



## INDEX

CHAPTER	TITLE	BLUE WEST CODES
1	Mortise locks	BDL – 1
2	High Security Locks	BDL – 2
3	Magnetic Door Locks	BDL – 3
4	Tubular Latches	BDL – 4
5	Narrow Profiles	BDL – 5
6	Sliding Doors	BDL – 6

## DECLARATION OF PERFORMANCE (DOP) / CE MARKING

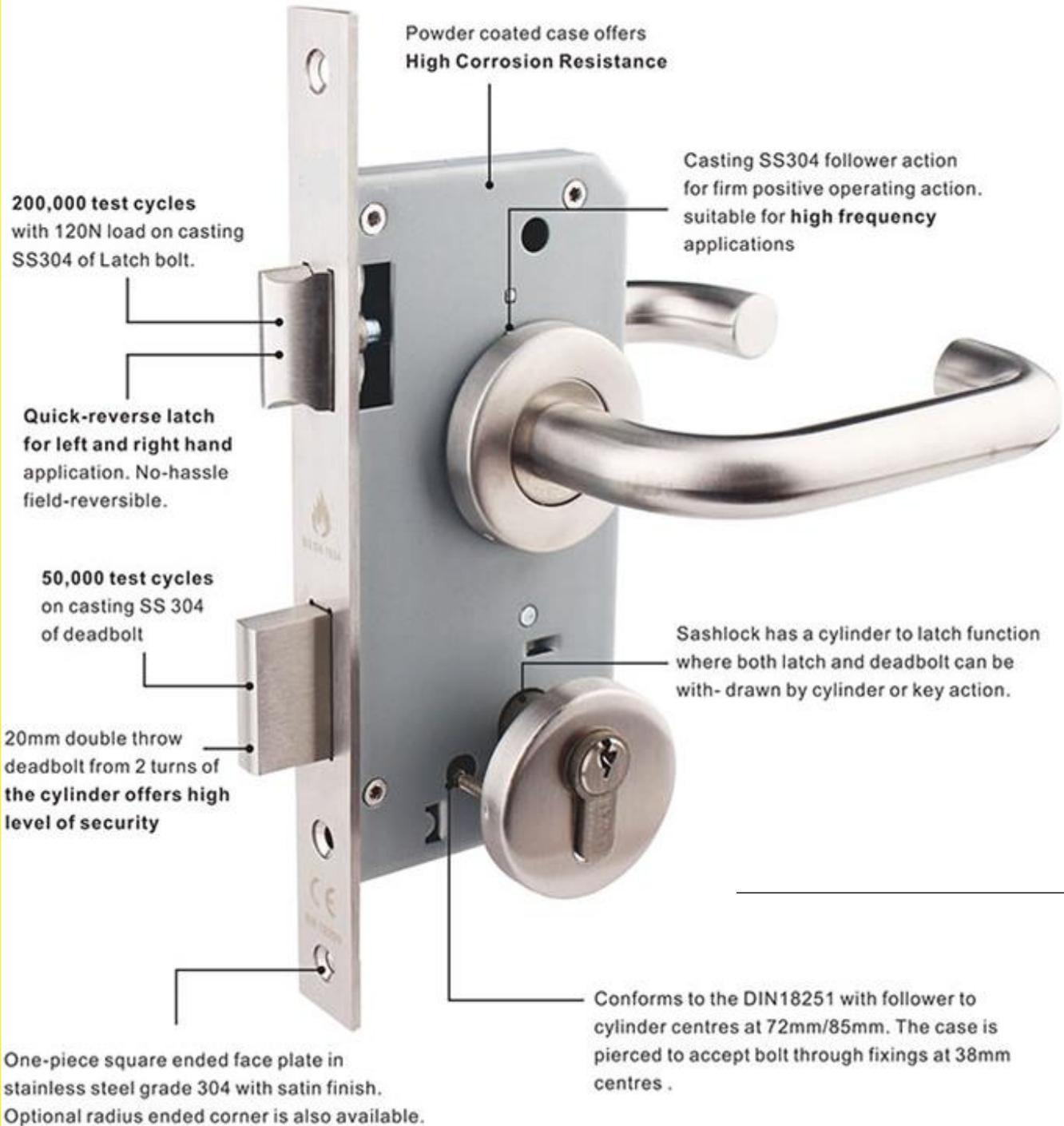


For more information, you can check to pages 44 and 45.

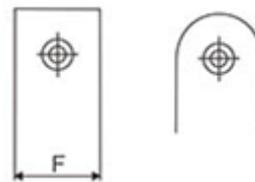
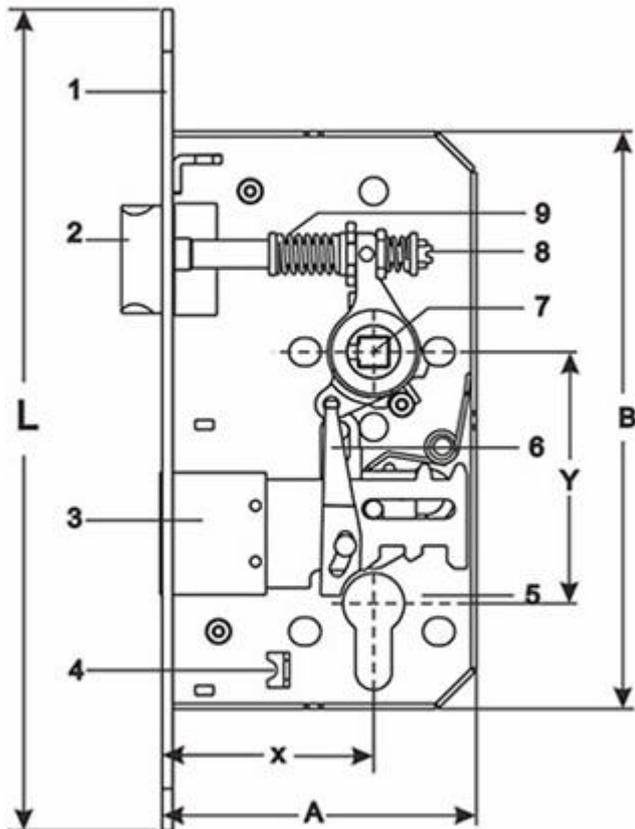
The Regulation (EU) No. 305 / 2011 entered in to force on July 1, 2013, laying down harmonized conditions for the marketing of construction products and repealing Council Directive 89 / 106 / EEC. This regulation requires manufacturers of construction products to draw up a declaration of performance when a construction product is covered by a harmonized standard or complies with a European Technical Assessment issued for this product. Making a declaration of performance, the manufacturer assumes legal responsibility for the conformity of the product with the declared performance. If the performance statement hasn't been made by the manufacturer, CE the CE marking when they have and intended doors. In this case, should follow the System 1 Marking cannot be affixed. The locks must have used in fire doors/ smoke emergency exit of assessment and verification of constancy of performance.

Harmonized Standard for locks: EN 12209 – Locks and latches – mechanically operated locks.

## CHAPTER – 1: MORTICE LOCK



# DOOR HARDWARE: LOCKS



- |                               |                     |
|-------------------------------|---------------------|
| 1. Forend                     | 9. Spring           |
| 2. Latch                      | X. Backset          |
| 3. Dead bolt                  | Y. Distance         |
| 4. Screw channel for cylinder | A. Lock case width  |
| 5. Lock case                  | B. Lock case height |
| 6. Action-arm                 | L. Forend length    |
| 7. Follower                   | F. Forend width     |
| 8. Turning device             |                     |

## Technical Information

- **BS EN 12209 / DIN 18251**, CE Classification: 3X910G3B.
- Latch (Casting): SSS304 (Durability: Grade X, 200000 test cycle, 120 N load on latch cycle).
- Dead bolt: SS304 (Durability: Grade X, 50000 test cycle).
- **EN 1634**: 240 minutes fire rated.

## Optional function

Escape, sash, classroom, storeroom, privacy, passage lock with latch bolt, deadbolt bathroom, and night latch door lock.

## Application for Doors

- Wooden Doors/Timber
- Metal/Steel Doors
- Office Doors
- Hollow Metal Doors
- Security Doors
- Fire-Rated Doors



# DOOR HARDWARE: LOCKS

## FIRE RATED SASH LOCK: BDL-1-ML009

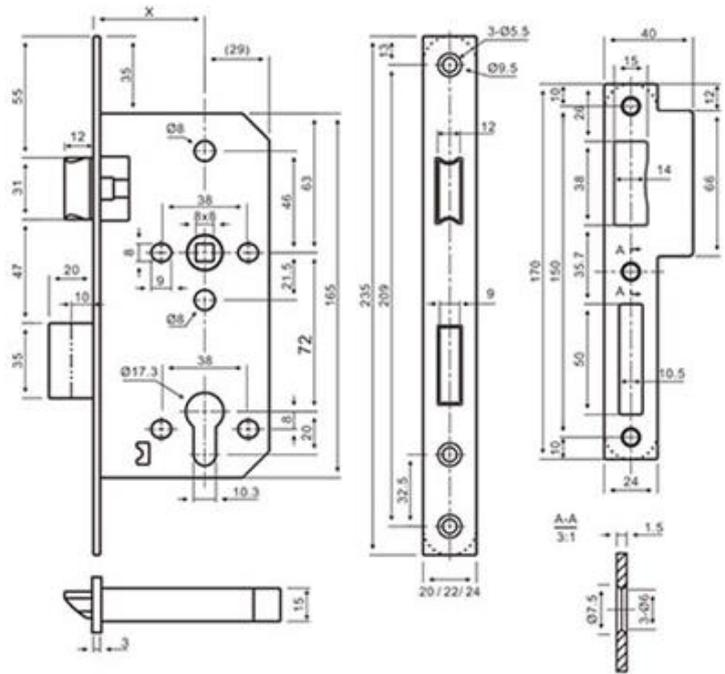


**MATERIAL:** EN 12209 / DIN 18251

**FINISH:** SSS-PSS-PVD-PB-AB-AC

EN12209 **3 X 9 1 0 6 3 B C 2 0**

**Backset:** 55, 60, 65, 70, 80 mm



**Application:** Entrance door of residential and commercial applications.

**Suitable for the door:** Wooden and metal / fire and smoke / interior and outer and swing door, etc.

# DOOR HARDWARE: LOCKS

## EMERGENCY EXIT LOCK: BDL-1-ML009E



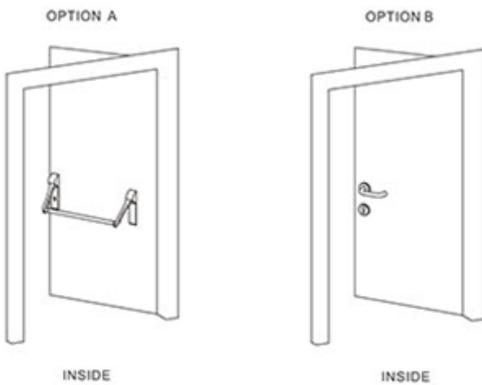
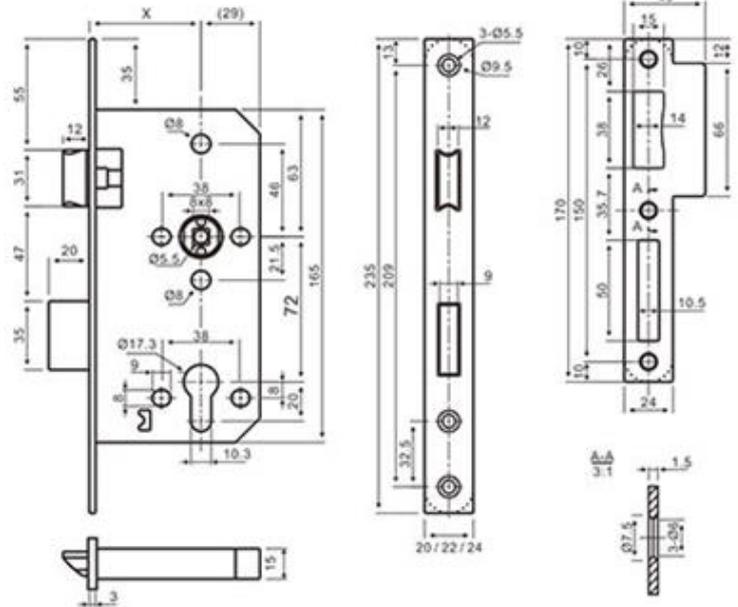
**MATERIAL:** EN 12209 / DIN 18251

**FINISH:** SSS-PSS-PVD-PB-AB-AC

EN12209 **3 X 9 1 D 6 3 B C 2 0**

**Backset:** 55, 60 mm

**Deadbolt:** 1- turn



**Application:** Escape the door of commercial application.

**Suitable for the door:** Escape door / Wooden and Metal / Fire and smoke Interior and outer / swing door, etc.

**Inside:** The door can be opened by activating the lever handle (escape rout function) and locked with the key. The panic function A (reversible function) is only permitted with the key removed. Otherwise, damage to the lock may occur.

**Outside:** The door can be opened with the key and by activating the lever handle and locked with the key.

## DOOR HARDWARE: LOCKS

### ROLLER BOLT EURO DEADLOCK: BDL-1-ML010



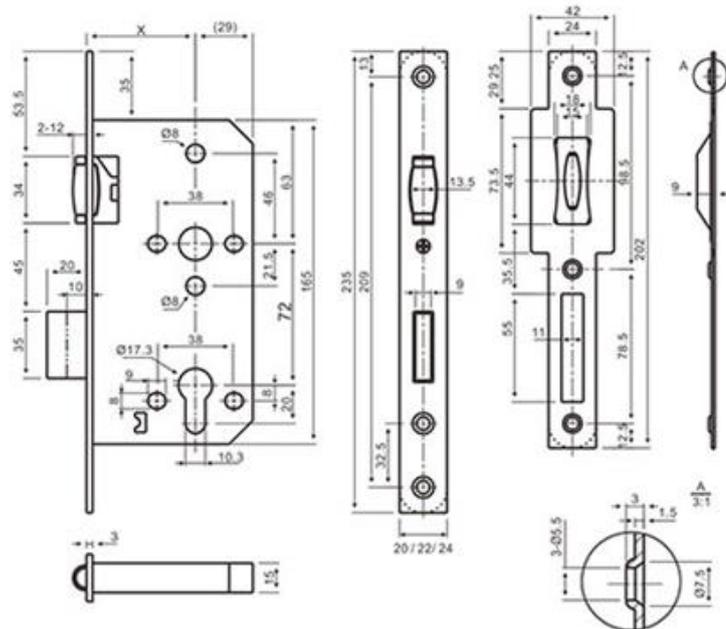
**MATERIAL:** EN 12209 / DIN 18251

**FINISH:** SSS-PSS-PVD-PB-AB-AC

EN12209 **3 X 9 1 0 6 3 B C 2 0**

**Backset:** 55, 60 mm

**Deadbolt:** 2- turn



- Roller bolt Euro deadlock can be automatic close on either side. The deadbolt has thrown and retracted from one or both sides depending on the type of cylinder installed. The cylinder action will operate the deadbolt. Deadbolt 2 turns.
- Suitable for the door: Wooden and metal / fire and smoke / interior and outer and swing door, etc.



# DOOR HARDWARE: LOCKS

## BATHROOM LOCK: BDL-1-ML012

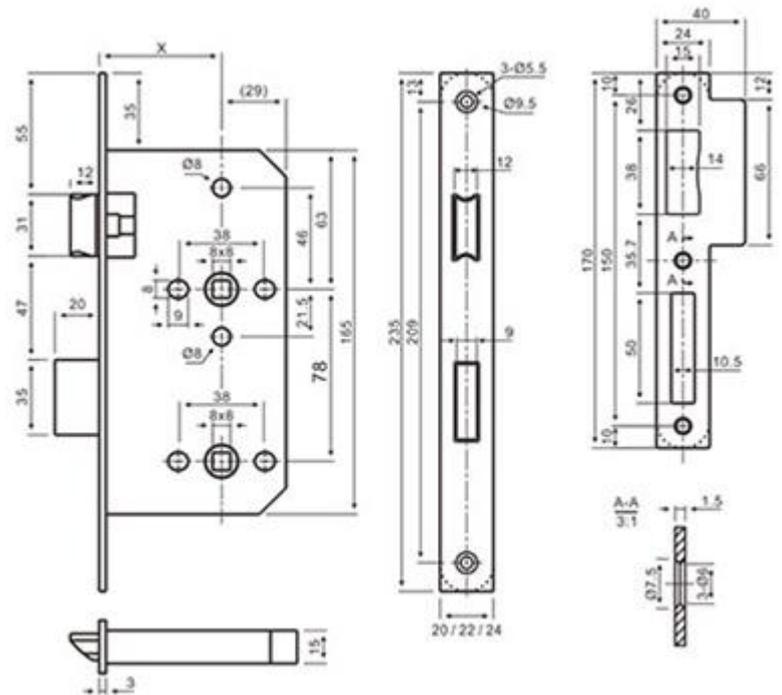


**MATERIAL:** EN 12209 / DIN 18251

**FINISH:** SSS-PSS-PVD-PB-AB-AC

EN12209 **3 X 9 1 0 6 3 B C 2 0**

**Backset:** 55, 60, 65 mm



Latch bolt can be operated by lever handles on either side. Deadbolt is operated by thumb turn in inside. An indicator with an emergency release can be installed on the outside of the door and operates in conjunction with the thumb turn.

**Application:** Bathroom or toilet for commercial or residential.

**Suitable for the door:** Wooden and metal / fire and smoke / interior and outer and swing door, etc.





## CLASSROOM LOCK: BDL-1-ML015

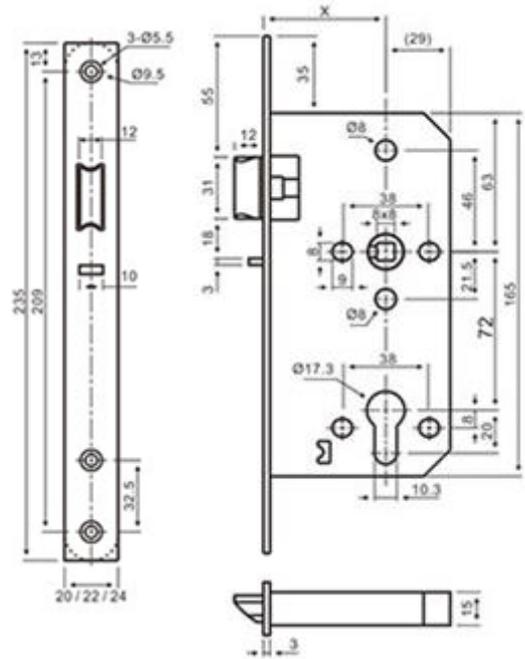


**MATERIAL:** EN 12209 / DIN 18251

**FINISH:** SSS-PSS-PVD-PB-AB-AC

EN12209 **3 X 9 1 0 G 3 B C 2 0**

**Backset:** 55, 60 mm

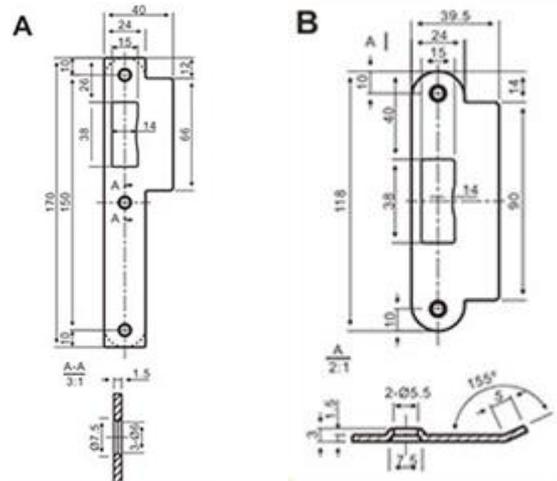


Unlatch bolt retracted by lever from either side unless outside by key. Inside lever always free for immediate exit.

**Application:** Classroom door of commercial or residential application.

**Suitable for the door:** Wooden and metal / fire and smoke / interior and outer and swing door, etc.

### Strike plate option

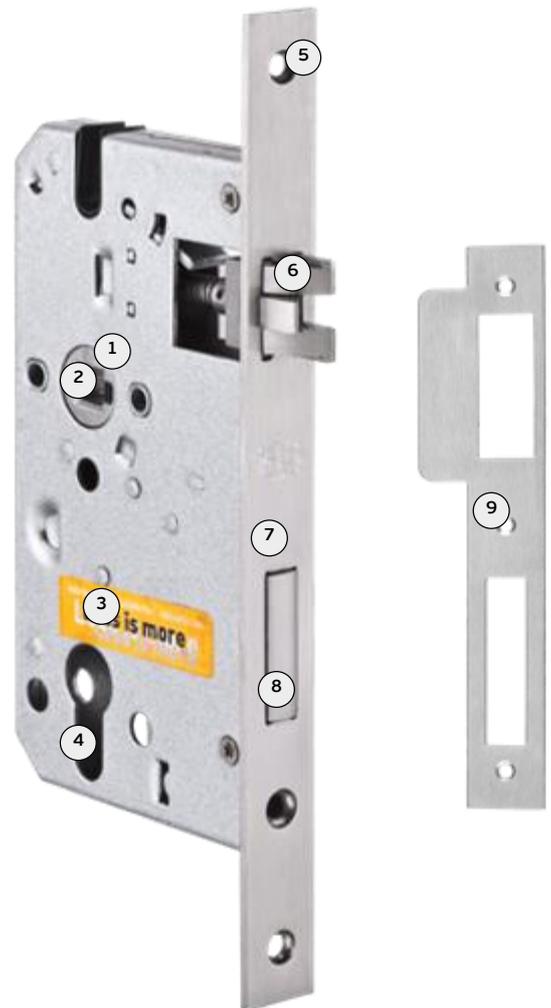


## MORTICE LOCK: 980 SERIES



This type of mortice lock (980 Series) was created to be applied indoors that have high use.

1. Handle the square hole with an internal Spring to avoid any break between the spindle and the lock. Made in stainless steel **EN 1.4301**.
2. Handle fixing holes.
3. Available for less is more roses.
4. Adapter for the normal key.
5. The front plate of 20 mm in stainless steel **EN 1.4301**.
6. Silent adjustable latch with an inner lever made in stainless steel **EN 1.4301**.
7. Closed lock case.
8. Deadbolt made in stainless steel **EN 1.4301**
9. Reversible strike plate.



4- IN.BDL-1.20.AWC (Optional)  
Converter for toilet lock



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BDL-1.20.985



BDL-1.20.985.R



BDL-1.20.986



BDL-1.20.986.R



BDL-1.20.987



BDL-1.20.987.R

# DOOR HARDWARE: LOCKS

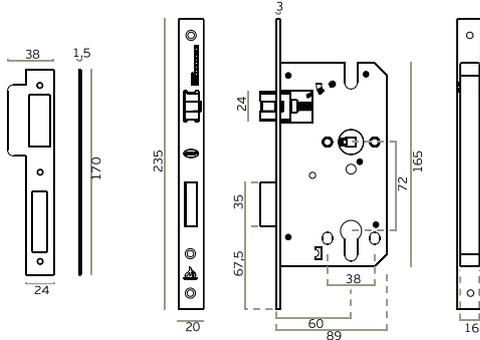
## BDL-1.20.985

Mortice door lock for European cylinder.



EN12209 **3 M 8 - 0 B 3 B A 3 0**

**FIRE TEST EVIDENCE**



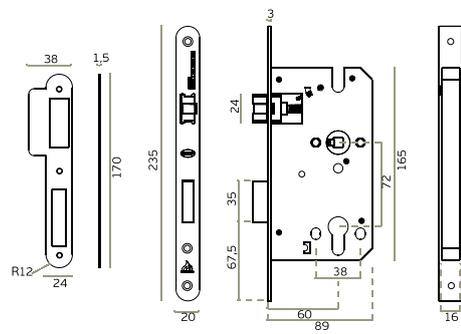
## BDL-1.20.985.R

Mortice door lock for European cylinder.



EN12209 **3 M 8 - 0 B 3 B A 3 0**

**FIRE TEST EVIDENCE**



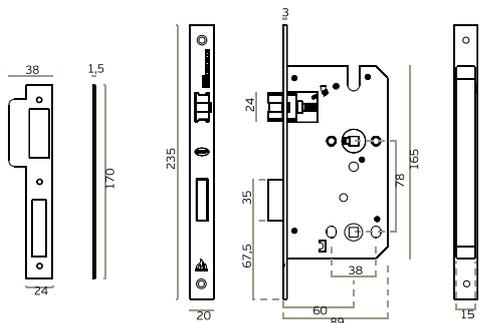
## BDL-1.20.986

Mortice door lock for Bathroom uses.



EN12209 **3 M B - 0 B B B A B b**

**FIRE TEST EVIDENCE**



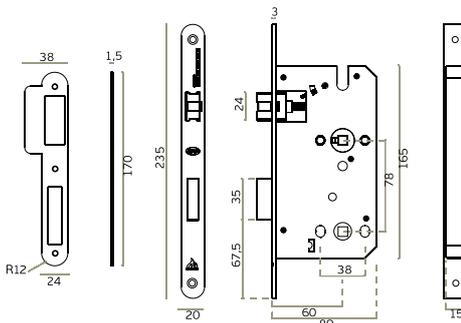
## BDL-1.20.986.R

Mortice door lock for Bathroom use.



EN12209 **3 M 8 - 0 B B B A B b**

**FIRE TEST EVIDENCE**



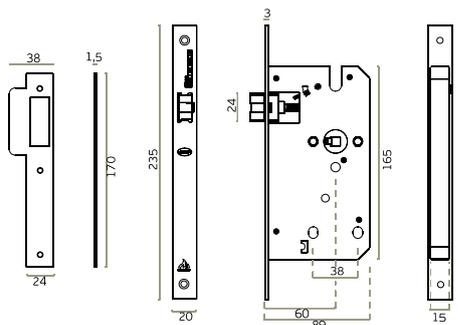
## BDL-1.20.987

Mortice door lock passage type.



EN12209 **3 M 8 - 0 B 3 B A 3 0**

**FIRE TEST EVIDENCE**



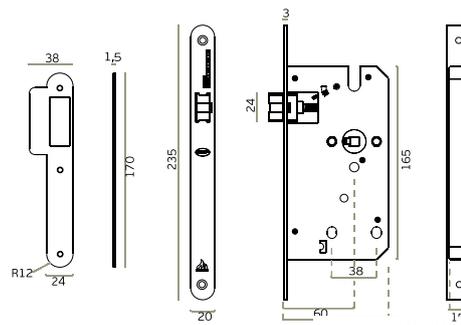
## BDL-1.20.987

Mortice door lock passage type.



EN12209 **3 M 8 - 0 B 3 B A 3 0**

**FIRE TEST EVIDENCE**



# DOOR HARDWARE: LOCKS



## BDL-1.20.275

Mortise door lock for European cylinder. Recommended for doors with heavy use.



This series was developed to create a lock with the distance between centers of 72 mm, but with a small size box, while keeping the class 3 which characterizes this type of lock.

1. Handle.
2. Handle fixing holes.
3. Closed lock case.
4. Adjustable latch **EN 1.4301**.
5. Deadbolt made in stainless steel.
6. Front plate made in stainless steel.

## BDL-1.20.AKN

Adapter for normal key.



## BDL-1.20.AWC

Adapter for snip indicator.

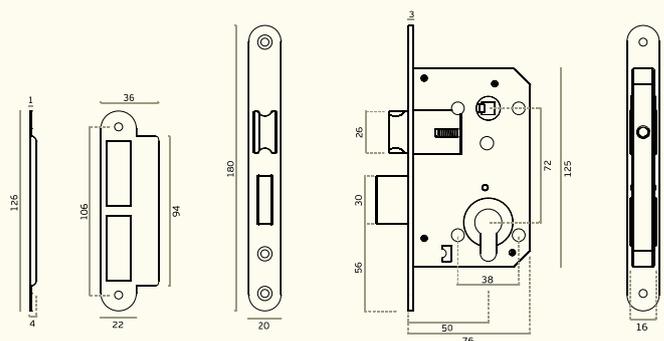


**FIRE TEST**

**MATERIAL:** EN 1.4301 / AISI 304

**FINISH:** SATIN

EN12209 **3 H 4 0 0 0 0 0 0 0 0**



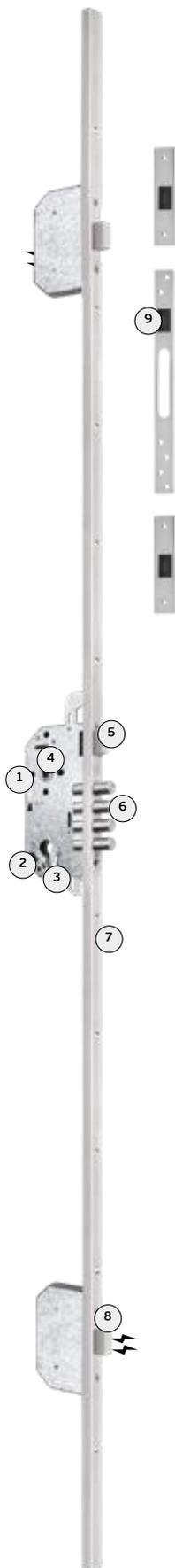
CHAPTER – 2: SECURITY LOCKS SERIES



## SECURITY LOCKS SERIES

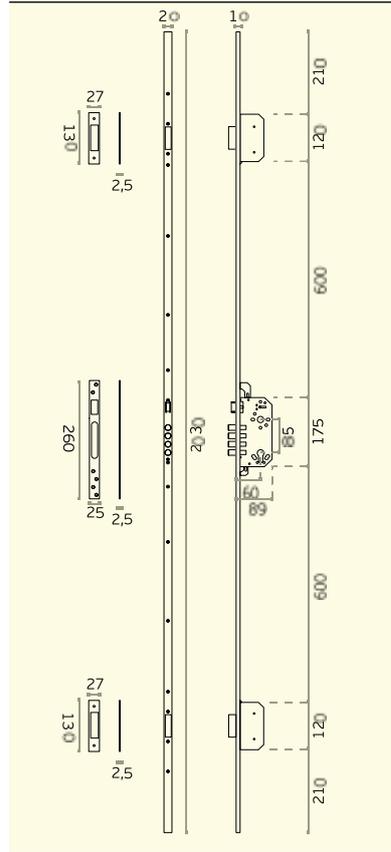
Security lock that combines robustness with the smoothness of the magnetic latch system that allows silent and smooth operation.

1. Handle fixing holes.
2. Possible to install different security cylinder Keyholes.
3. Closed lock case.
4. Stainless steel Handle square hole with an internal.
5. Spring to avoid any break between the spindle and the lock.
6. Metallic Magnetic latch.
7. **EN 1.4301** stainless steel security deadbolt.
8. Front only in steel brushed 20 mm wide and 10 mm thick.
9. A magnetic upper and down deadbolt with automatic operation.
10. Strike plate with 2.5 mm thickness.

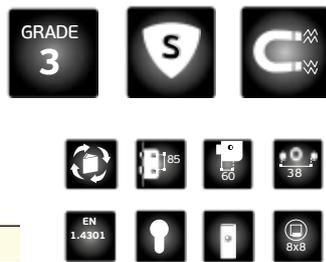
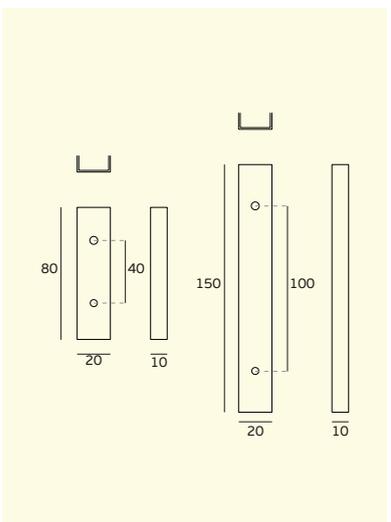


**BDL-2.20.002**  
High security magnetic lock.

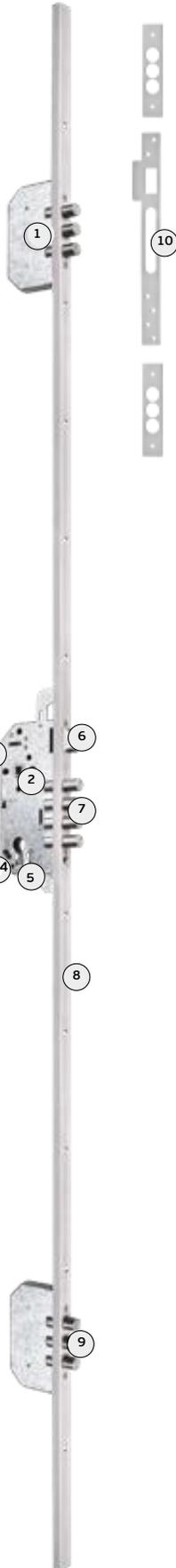
<b>MATERIAL:</b> EN 1.4301 / AISI 304
<b>FINISH:</b> SATIN
EN12209 <b>S H 5 b b C 7 B C B D</b>



**BDL-2.20.003.A (80 mm)**  
**BDL-2.20.003.B (150 mm)**  
Extension for the lock front.



1. **EN 1.4301** stainless steel Security deadbolt.
2. Stainless steel Handle square hole with an internal spring to avoid any gap between the spindle and the lock.
3. Handle fixing holes.
4. Possible to install different security cylinder keyholes.
5. Closed lock case.
6. **EN 1.4301** stainless steel adjustable latch.
7. **EN 1.4301** stainless steel Security deadbolt.
8. Front only in steel brushed 20 mm wide and 10 mm thick.
9. **EN 1.4301** stainless steel Security deadbolt.
10. Strike plate with 2.5 mm thickness.



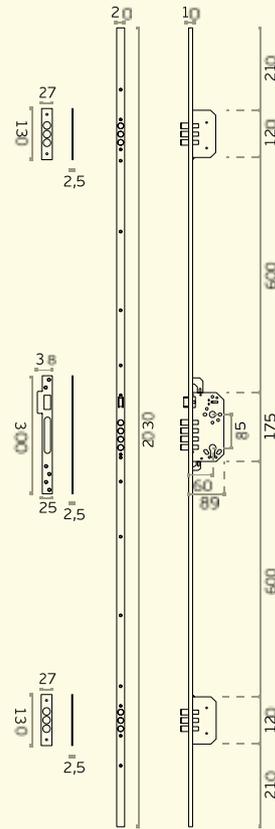
**BDL-2.20.003**  
High security lock.

**MATERIAL:** EN 1.4301 / AISI 304

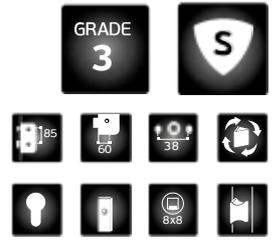
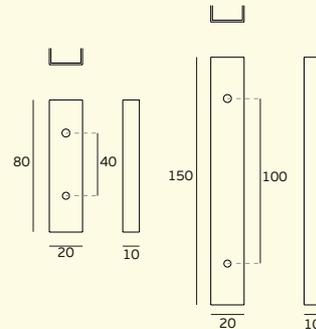
**FINISH:** SATIN

EN12209 

3	H	5	0	0	C	7	B	C	3	0
---	---	---	---	---	---	---	---	---	---	---



**BDL-2.20.003.A (80 mm)**  
**BDL-2.20.003.B (150 mm)**  
Extension for the lock front.



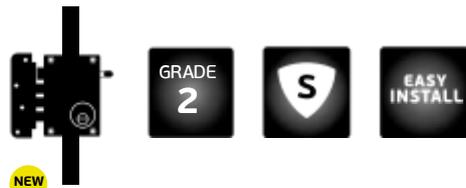
**RIM SECURITY LOCKS SERIES**



# DOOR HARDWARE: LOCKS



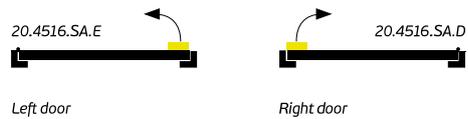
Practical solution for High Security



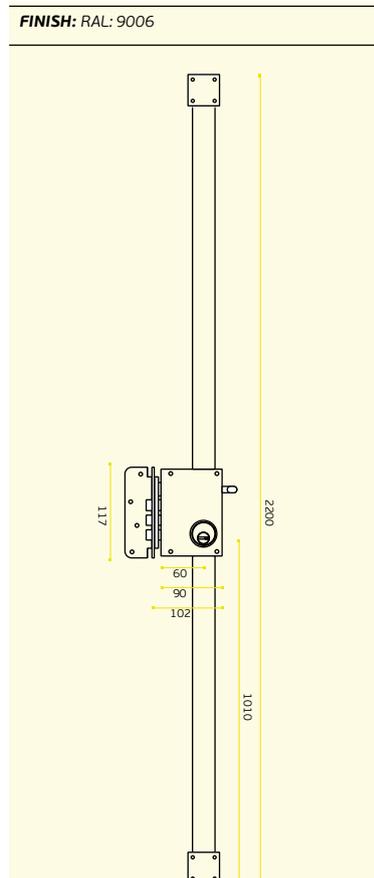
**BDL-2.20.4516.SA.D**  
**BDL-2.20.4516.SA.E**

High security 3 point lock, a cylinder with 6 pins supplied with 5 reversible keys.

- Equipped with protecting escutcheon and vertical lock bar for doors up to 2200 mm.
- Property card.
- Security chain.
- Steel box with 3 mm thickness, frontal lock system anti-lever.



**FINISH:** RAL: 9006



Security Escutcheon



5 reversible Keys



Anti-dirt Cup



Security Chain



Top End



## SECURITY PROTECTION ROSES



### BDL-2.IN.04.29S

High security protection rose for the European cylinder.  
Automatic adjustment to the thickness of the door.



### BDL-2.04.32S

Adjustable protection rose for the European cylinder.  
Solid stainless steel with chamfer edge.



### BDL-2.04.39S

Solid security protection rose for the European cylinder.



### BDL-2.04.39S.15

Solid security protection rose for the European cylinder.



### BDL-2.04.40S

Adjustable protection rose for the European cylinder.



### BDL-2.04.38S

Solid security protection rose for the European cylinder.



## CHAPTER – 3: MAGNETIC LOCK



The 850 Series is designed to be used on doors that are subject to high utilization and at the same time using a quiet, soft, magnetic latch system. The dimension of this series comply with the DIN standard which unifies the locks of GRAD 3.

1. Handle the square hole with an internal Spring to avoid any break between the spindle and the lock. Made in Stainless steel **EN 1.4301**.
2. Handle fixing holes.
3. Available for Less is More roses.
4. BDL-3.20.AKN (Optional).
5. The front plate of 20 mm in stainless steel **EN 1.4301**.
6. The Magnetic latch is silent and reversible.
7. Closed lock case.
8. Deadbolt made in stainless steel **EN 1.4301**.



**BDL-3.20.AKN** (Optional)  
Adapter for normal key.



**BDL-3.20.AWC** (Optional)  
Converter for toilet lock.



BDL-3.20.855



BDL-3.20.856

# DOOR HARDWARE: LOCKS

NEW

## BDL-3.20.855

Magnetic mortise door lock for European cylinder.

NEW

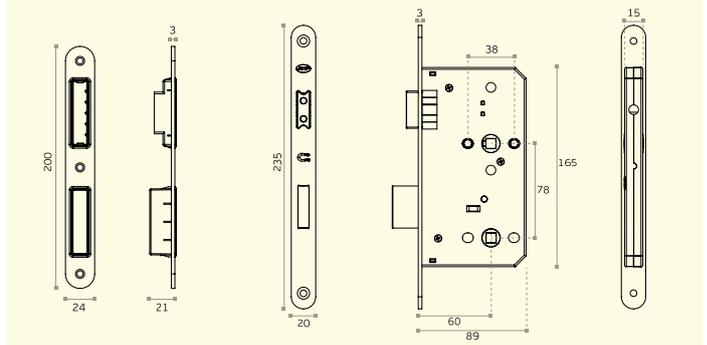
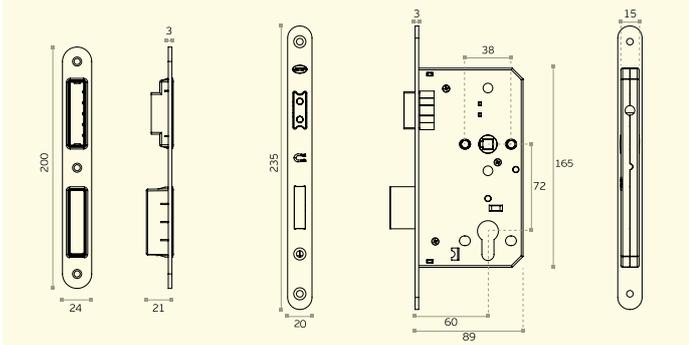
## BDL-3.20.856

Magnetic mortise door lock for Bathroom use.



EN12209 3 C 8 0 0 B 2 B C 3 0

EN12209 3 C 8 0 0 B 2 B G 3 0



BDL-3.20.855.TB



BDL-3.20.855.TG



BDL-3.20.855.TCO



BDL-3.20.855.TCH

MAGNETIC LOCK WITH CONTACT OPENING TECHNOLOGY

*only touch  
to open*



contact  
ONLY TOUCH TO OPEN



CONTACT - Only touch to open the door all you need to do is touch the metallic element connected to the lock, whereas normally you need to turn the handle. With this new function, we can get a much cleaner look stainless steel plate. By using hardware with a more flat design and easier to install, lock flush handles. By creating this technology, opening doors becomes easy and simple. The silent mode, the smooth locking, and magnetic latch are some of the features specially created to guarantee a unique comfort. To make it suitable with the most common lock sizes, all the electronics and with a light switch. Mechanical parts were developed to suit all the DIN size locks. We can activate an internal lock.

# DOOR HARDWARE: LOCKS

## TECHNICAL FEATURES



Silent magnetic latch.



Autonomous lock - AAA 1.5 V battery. No need to electrify the door.



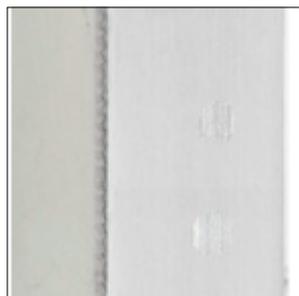
Motorized lock. The latch collects without needing to operate the handle.



Optional button for door lock from inside, with color indication when closed.



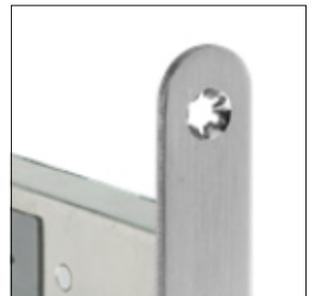
Sound monitoring alerts for status.



Calibration in front of the lock.

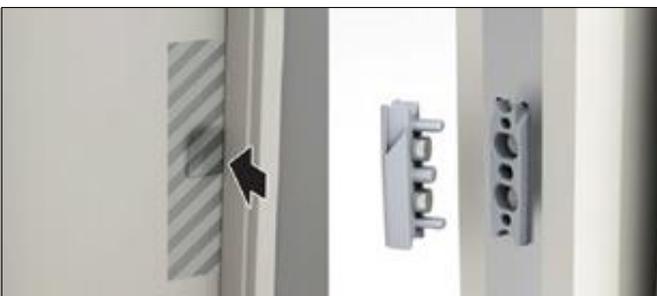


DIN size lock.



Round corner lock for easy door mechanization.

## Emergency Door Release



In the event of an emergency, if you cannot remove the door handle on the inside of the hinge, prize opens the door, applying serious force around the handle area. With 1 KN of force, the safety clip on the latch will yield and the door will open.



Insert a plastic card in the crack of the door at the lock's height, using it to feel for the top edge of the latch. Next, slide the bottom of the card into the recess on the side of the latch. Now pull down vertically up to stop on the door edge. The latch is now pushed in and the door can be opened. Only remove the card from the recess once you have opened it.

ONLY TOUCH TO OPEN



contact  
ONLY TOUCH TO OPEN



BDL-3.00.101.K



BDL-3.00.100.K

- .TB
- .TG
- .TC D
- .TCH



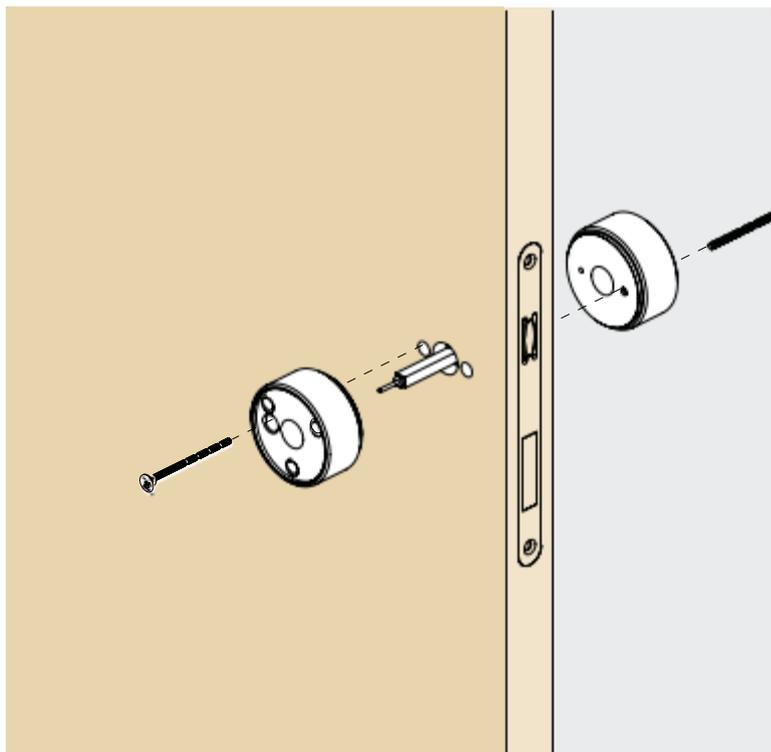
BDL-3.00.100.KN.K

- .TB
- .TG
- .TC D
- .TCH



BDL-3.07.432.K

- .TB
- .TG
- .TC D
- .TCH





BDL-3.16.234.K

- .TH
- .TG
- .TC Ø
- .TCH



BDL-3.16.237.200.K

- .TH
- .TG
- .TC Ø
- .TCH

- .TH
- .TG
- .TC Ø
- .TCH



BDL-3.16.416.K

- .TH
- .TG
- .TC Ø
- .TCH



BDL-3.16.412.K

- .TH
- .TG
- .TC Ø
- .TCH



BDL-3.16.410.K

- .TH
- .TG
- .TC Ø
- .TCH

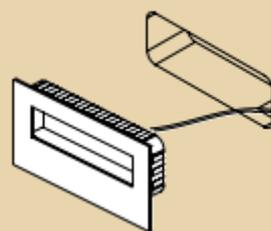


BDL-3.16.414.K



BDL-3.16.430.K

A special contact / set of 2 flush handle



Min-  
40mm

## MAGNET SERIES

This lock was developed to the door industry. All the doors can be drilled with the same hole box. The lock can be chose at the building. The magnetic latch system allows a silent and smooth operation and at the same time ensures a similar look to a traditional lock.



1. Handle square hole with an internal Spring to avoid any break between the spindle and the lock.
2. Handle fixing holes.
3. Closed lock case.
4. Metallic magnetic latch.
5. Stainless steel dead bolt.
6. Replaceable front plate.
7. Reversible and adjustable strike plate.



 H/877 + info

**BDL-3.20.AWC**  
Converter for toilet lock (Optional).

**BDL-3.20.AKN**  
Adapter for normal key (Optional).



BDL-3.20.805.50



BDL-3.20.805.60



BDL-3.20.808.50



BDL-3.20.808.60



BDL-3.20.808.60. B

# DOOR HARDWARE: LOCKS

**BDL-3.20.805.50**  
**BDL-3.20.805.60**

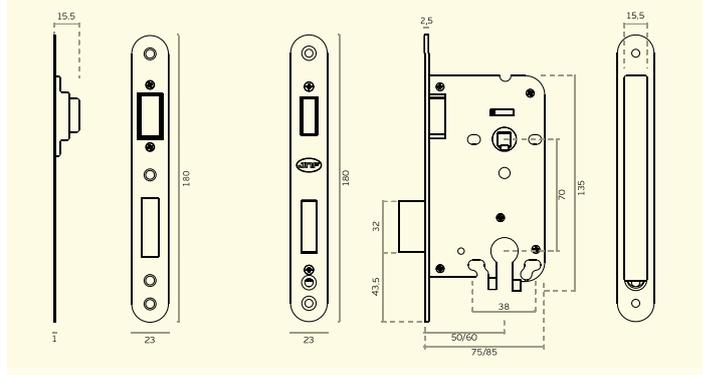
Magnetic mortise door lock for European cylinder. recommended for doors with medium use.



**MATERIAL:** EN 1.4301 / AISI 304

**FINISH:** SATIN

EN12209 **2 B 7 0 0 B 2 B A 1 0**



**BDL-3.20.808.50**  
**BDL-3.20.808.60**

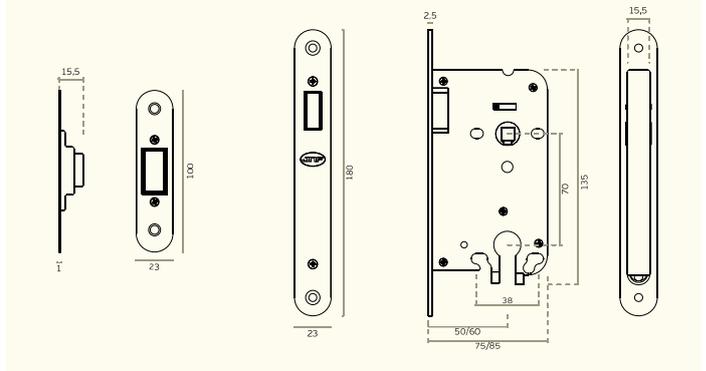
Magnetic mortise door lock passage type. Recommended for entrance doors with medium use.



**MATERIAL:** EN 1.4301 / AISI 304

**FINISH:** SATIN

EN12209 **2 B 7 0 0 B 2 B 0 1 0**



**BDL-3.20.805.60.B**

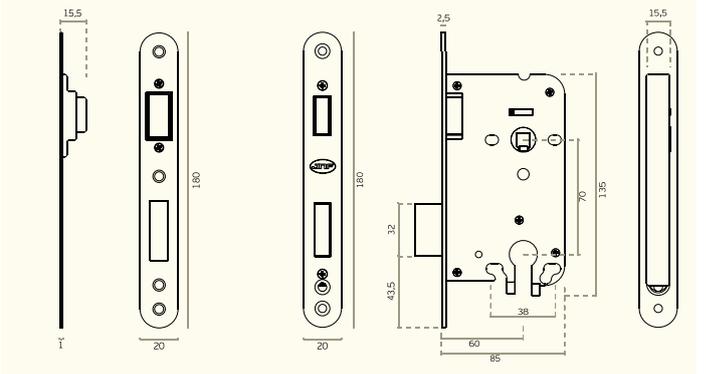
Magnetic mortise door lock for European cylinder. Recommended for doors with medium use.



**MATERIAL:** EN 1.4301 / AISI 304

**FINISH:** BRONZE

EN12209 **2 B 7 0 0 B 2 B A 1 0**



## MAGNET SERIES

This lock was developed in the door industry. All the doors can be drilled with the same hole box. The lock can be chosen at the building. The magnetic latch system allows a silent and smooth operation and at the same time ensures a similar look to a traditional lock.

1. 8x8 follower with path limitation.
2. Handle fixing holes.
3. Closed lock case.
4. 18 mm front plate.
5. Magnetic latch.
6. Reversible and adjustable strike plate.

**BDL-3.20.AKN**  
Adapter for normal key (Optional).



**BDL-3.20.AWC**  
Converter for toilet lock (Optional).



BDL-3.20.835.50  
BDL-3.20.835.60

BDL-3.20.835.50.BA  
BDL-3.20.835.60.BA

BDL-3.20.836.50  
BDL-3.20.836.60

BDL-3.20.836.50.BA  
BDL-3.20.836.60.BA

BDL-3.20.837.50  
BDL-3.20.837.60

BDL-3.20.837.50.BA  
BDL-3.20.837.60.BA

# DOOR HARDWARE: LOCKS

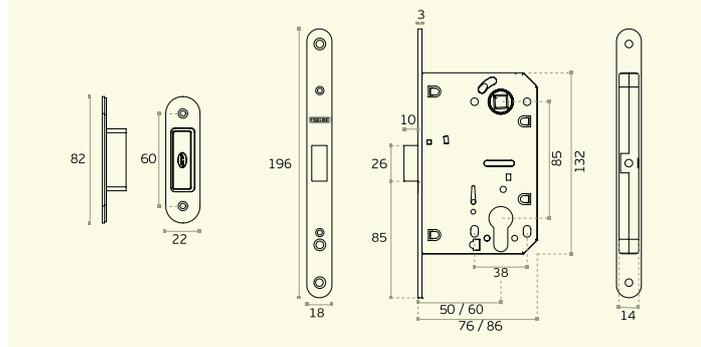
**BDL-3.20.835.50 / BDL-3.20.835.60**

Magnetic mortise lock for European cylinder.

**FREELINE**



**FINISH: SATIN NICKEL**



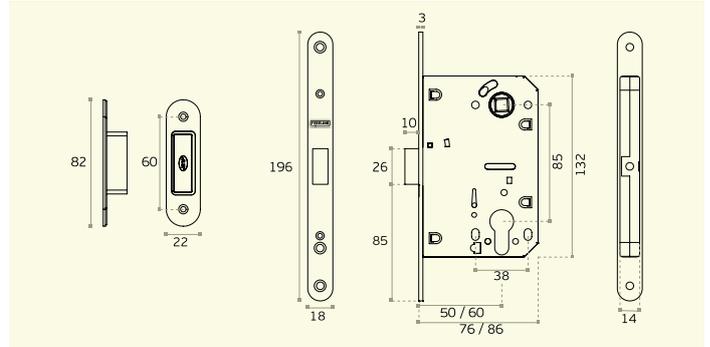
**BDL-3.20.835.50.BA / BDL-3.20.835.60.BA**

Magnetic mortise lock for European cylinder.

**FREELINE**



**FINISH: BLACK ANTHRACITE**



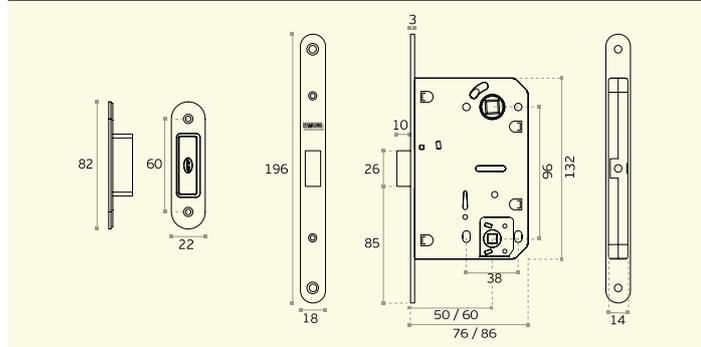
**BDL-3.20.836.50 / BDL-3.20.836.60**

Magnetic mortise lock for Bathroom use.

**FREELINE**



**FINISH: SATIN NICKEL**



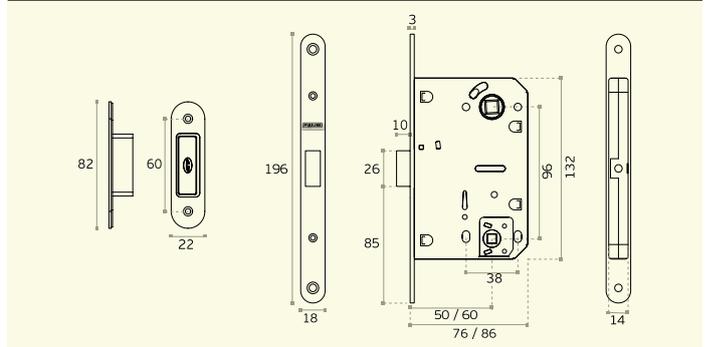
**BDL-3.20.836.50.BA / BDL-3.20.836.60.BA**

Magnetic mortise lock for Bathroom use.

**FREELINE**



**FINISH: BLACK ANTHRACITE**



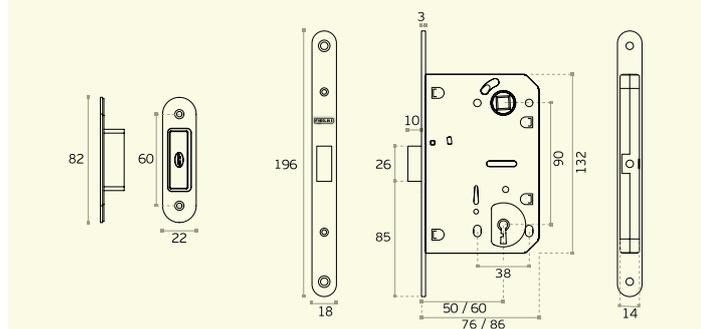
**BDL-3.20.837.50 / BDL-3.20.837.60**

Magnetic mortise lock for normal key.

**FREELINE**



**FINISH: SATIN NICKEL**



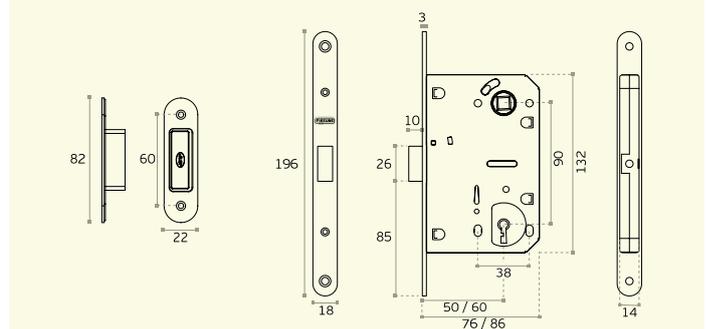
**BDL-3.20.837.50.BA / BDL-3.20.837.60.BA**

Magnetic mortise lock for normal key.

**FREELINE**



**FINISH: BLACK ANTHRACITE**

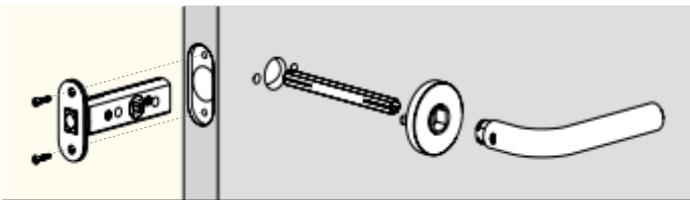


## CHAPTER – 4: TUBULAR LATCHES

### BDL-4.20.153

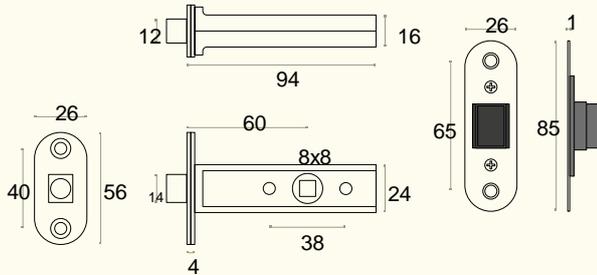
Adjustable magnetic silent latch.

GRADE  
2



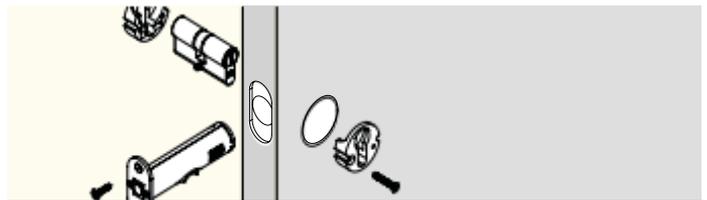
MATERIAL: EN 1.4301 / AISI 304

FINISH: SATIN



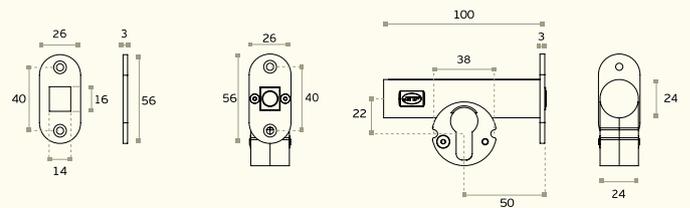
### BDL-4.20.154

Latch for European cylinder.



MATERIAL: EN 1.4301 / AISI 304

FINISH: SATIN



# DOOR HARDWARE: LOCKS

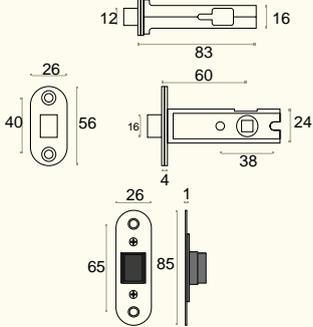
## BDL-4.20.152

Adjustable latch for bathroom. To use with snip indicators.



**MATERIAL:** EN 1.4301 / AISI 304

**FINISH:** SATIN



Example of compatible toilet snip indicators, other models available.



## BDL-4.266.KN

Bathroom snip indicator with coin slot with or without color indication (can be chosen on installation).

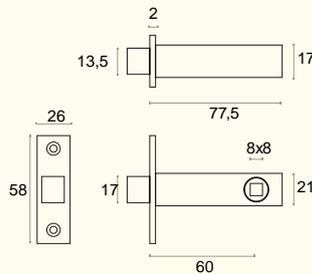
## BDL-4.20.799.8

Adjustable latch for bathroom. To use with snip indicators.



**MATERIAL:** EN 1.4301 / AISI 304

**FINISH:** SATIN



## BDL-4.04.106

Bathroom snip indicator with coin slot with or without color indication (can be chosen on installation).



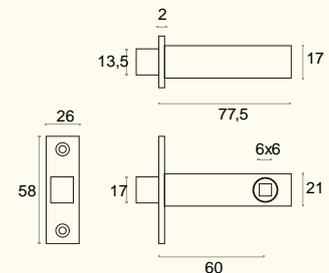
## BDL-4.20.799.6

Adjustable latch for bathroom. To use with snip indicators.



**MATERIAL:** EN 1.4301 / AISI 304

**FINISH:** SATIN



## BDL-4.04.112

Bathroom snip indicator with coin slot with or without color indication (can be chosen on installation).



**CHAPTER – 5: NARROW PROFILES**



## NARROW PROFILES



Developed for Aluminum, PVC and metallic frames with locks for hollow and narrow profile section doors. 3 different backsets, 25 / 30 / 35 mm. For a smooth and silent operation, it was added a silent latch. Differences distances 25 / 30 / 35 mm.

1. Handle the square hole with an internal Spring to avoid any break between the spindle and the lock. Made in stainless steel **EN 1.4301**.
2. Handle fixing holes.
3. Ready for European cylinder.
4. Backset 25 / 30 / 35 mm.
5. Reversible silent latch made in stainless steel **EN 1.4301** with noise Free.
6. Deadbolt made in stainless steel **EN 1.4301**.
7. Stainless steel.

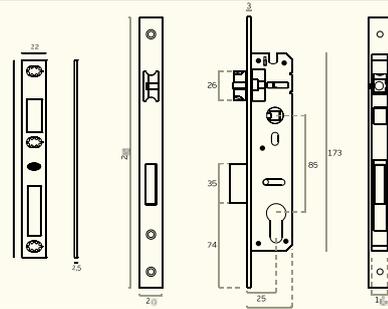


### BDL-5.20.400.25

Mortise door lock for hollow and narrow profile section doors. For European cylinder.



**MATERIAL:** EN 1.4301 / AISI 304  
**FINISH:** SATIN



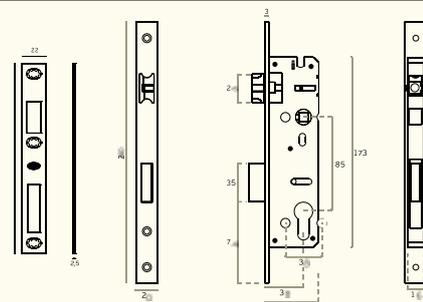
EN12209 **3 M 5 0 0 B 3 B A 3 0**

### BDL-5.20.400.30

Mortise door lock for hollow and narrow profile section doors. For European cylinder.



**MATERIAL:** EN 1.4301 / AISI 304  
**FINISH:** SATIN



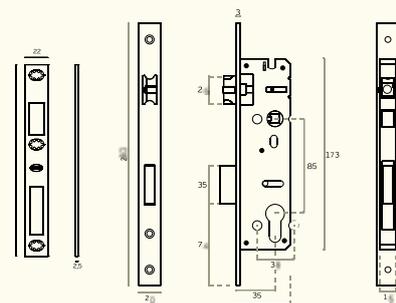
EN12209 **3 M 5 0 0 B 3 B A 3 0**

### BDL-5.20.400.35

Mortise door lock for hollow and narrow profile section doors. For European cylinder.



**MATERIAL:** EN 1.4301 / AISI 304  
**FINISH:** SATIN



EN12209 **3 M 5 0 0 B 3 B A 3 0**

## CHAPTER – 6: MORTICE LOCKS FOR SLIDING DOORS



# DOOR HARDWARE: LOCKS

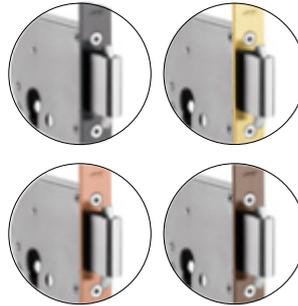
## BDL-6.20.501

Mortise door lock with retractable handle for sliding doors.



## BDL-6.20.500

Mortise door lock for sliding doors.



## BDL-6.20.AKN

Adapter for normal key (Optional).



## BDL-6.20.AWC

Adapter for bathroom snip indicator. Not compatible with color indicator version.



## BDL-6.20.AKN

Adapter for normal key (Optional).



## BDL-6.20.AWC

Adapter for bathroom snip indicator. Not compatible with color indicator version.

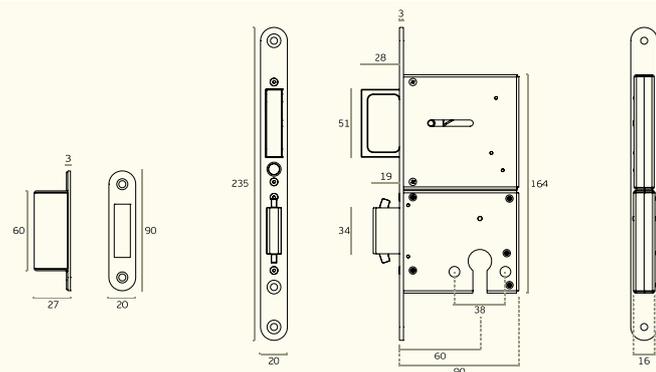


**MATERIAL:** EN 1.4301 / AISI 304

**FINISH:** SATIN

**OPTIONAL:** PVD TITANIUM COATED

EN12209 **2 3 4 0 0 B 2 C A b b**

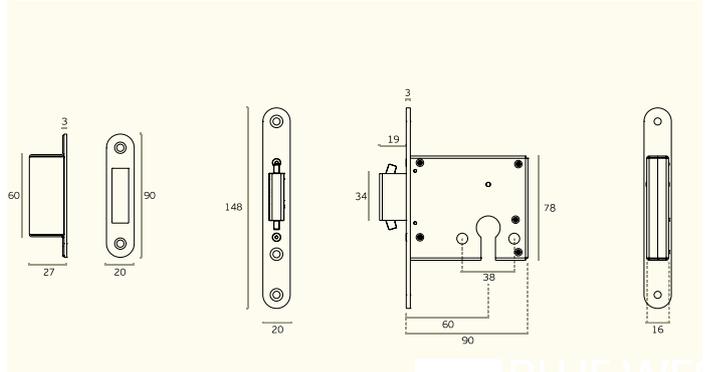


**MATERIAL:** EN 1.4301 / AISI 304

**FINISH:** SATIN

**OPTIONAL:** PVD TITANIUM COATED

EN12209 **2 3 4 b b B 2 C A b b**



BLUE WEST





# DOOR HARDWARE: LOCKS

## BDL-6.20.938.NS

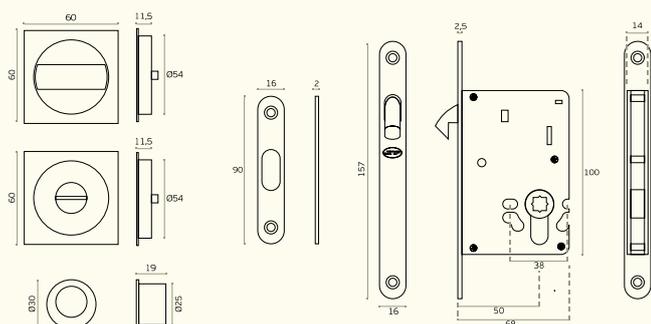
Mortise door lock for sliding doors. Front and strike plate made in stainless steel EN 1.4301. Supplied made in zinc alloy with satin nickel. With a complete set of flush handles.



**MATERIAL:** EN 1.4301 / AISI 304

**FINISH:** SATIN

EN12209 **2 B 4 0 b B 2 C D 0 0**



**BDL-6.20.938.BA**  
EN 1.4301 Black anthracite.



**BDL-6.20.938.RCO**  
EN 1.4301 Raw Copper.



**BDL-6.20.938.NS**  
Satin



**BDL-6.20.938.RG**  
EN 1.4301 Raw Gold.



**BDL-6.20.938.CM**  
Matte chrome plated.



**BDL-6.20.938.LB**  
Bronze



**BDL-6.20.938.CR**  
chrome plated.

# DOOR HARDWARE: LOCKS

## BDL-6.20.915.S

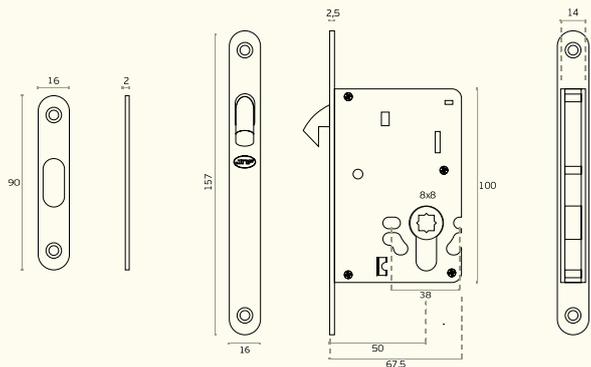
Mortise door lock for sliding doors. Hook, front and strike plate made in stainless steel EN 1.4301.



**MATERIAL:** EN 1.4301 / AISI 304

**FINISH:** SATIN

EN12209 **2 3 4 0 B B 2 C D 0 0**



## BDL-6.20.241.F

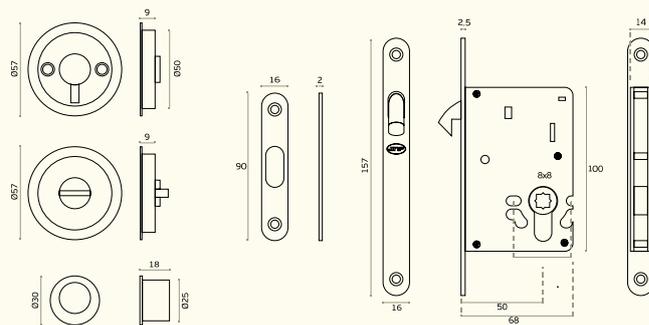
Mortise door lock for sliding doors. Hook, front and strike plate made in stainless steel EN 1.4301.



**MATERIAL:** EN 1.4301 / AISI 304

**FINISH:** SATIN

EN12209 **2 3 4 0 B B 2 C D 0 0**



# DOOR HARDWARE: LOCKS



## BDL-6.20.922

Mortise door lock for sliding doors. Prepared for European cylinder.  
Hook, front, and strike plate made in stainless steel **EN 1.4301**.



## BDL-6.20.AKN

Adapter for normal key.  
optional



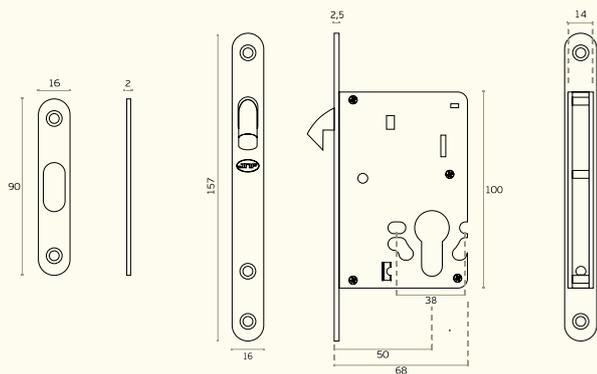
Adapter for snip indicator .  
optional



**MATERIAL:** EN 1.4301 / AISI 304

**FINISH:** SATIN

EN12209 **2 3 4 0 0 B 2 C D 0 0**



## BDL-6.20.237

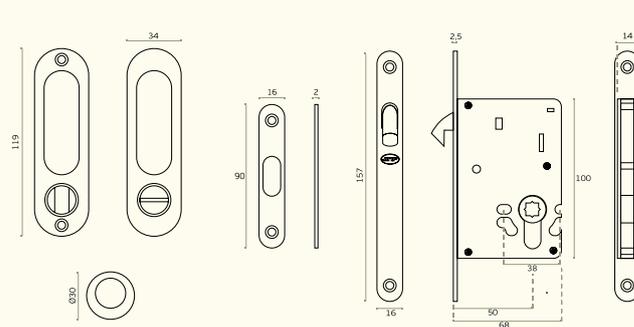
Mortise door lock for sliding doors. Front and strike plate made in stainless steel **EN 1.4301**. Handles made in satin nickel.



**MATERIAL:** EN 1.4301 / AISI 304

**FINISH:** SATIN

EN12209 **2 3 4 0 0 B 2 C D 0 0**



BLUE WEST

## STANDARDS AND CERTIFICATIONS

3 X 9 1 0 G 3 B C 2 0

### BS EN12209 Building Hardware Mechanically Operated Locks, Latch and Locking Plates

EN 12209 classifies mechanically operated locks, latches and locking plates using an 11 digit coding system. Fundamental to this standard is a comprehensive classification system for assessing the wide range of products needed to satisfy the diverse requirements of the European market. Features assessed include normal use (and abuse) forces, long-term durability, fire/smoke resistance, corrosion and temperature resistance and security, both manipulative and physical.

#### 1. Category of Use ..... 3

Three grades are identified:

- Grade 1 : Low frequency of use by people with a high incentive to exercise care and a small chance of misuse. E.g. Internal residential doors
- Grade 2 : Medium frequency of use by people with some incentive to exercise care but where there is some chance of misuse. E.g. Internal office doors.
- Grade 3 : High frequency of use by public or others with little incentive to exercise care and with a high change of misuse. E.g. Public doors.

#### 2. Durability ..... X

Twelve grades are identified with minimum figures for deadbolt and snib operation, and latch bolt operation with and without side load, as show. The side load is applied to the latch bolt when it is being withdrawn.

Grade A	50,000 tested cycles no stress on latch bolt	Grade L	100,000 tested cycles stress on latch bolt 25 N
Grade B	100,000 tested cycles no stress on latch bolt	Grade M	200,000 tested cycles stress on latch bolt 25 N
Grade C	200,000 tested cycles no stress on latch bolt	Grade R	100,000 tested cycles stress on latch bolt 50 N
Grade F	50,000 tested cycles stress on latch bolt 10 N	Grade S	200,000 tested cycles stress on latch bolt 50 N
Grade G	100,000 tested cycles stress on latch bolt 10 N	Grade W	200,000 tested cycles stress on latch bolt 100 N
Grade H	200,000 tested cycles stress on latch bolt 10 N	Grade X	200,000 tested cycles stress on latch bolt 100 N

#### 3. Door Mass and Closing Force ..... 9

Nine grades are identified with maximum figure for closing force at various door masses as shown. Note :losing force is form a standing. Star :i.e. fully extended latch bolt in contact with striking plate at star of test .

Maximun closing	Up to 100kg	Door mass up to 200kg	Above 200kg
15N	grade 7	grade 8	grade 9
25N	grade 4	grade 5	grade 6
50N	grade 1	grade 2	grade 3

#### 4. Fire Resistance ..... 1

Two grade are identified :

- Grade 0 : Not approved for use on fire/smke door assemblies
- Grade 1 : Suitable for use on fire/smoke door assemblies tested to BS EN 1634-1 etc.

#### 5. Safety ..... 0

No requirement, but note : a lock or latch conforming to this standard can, at the same time, also be part of an exit device conforming to BS EN 179 or BS EN 1125.

#### 6. Corrosion Resistance ..... G

Eight grade are identified with neutral salt-spray (NSS) corrosion resistance grades from BS EN 1670:1988, with and without Temperaturere resistance as shown :

# DOOR HARDWARE: LOCKS

## EUROPEAN MORTICE LOCK

**3 X 9 1 0 G 3 B C 2 0**

Corrosion resistance (NSS)	Temperature resistance	
	No requirement	-20c to +80C
240 hours	grade D: very high corrosion resistance	grade G: very high corrosion resistance
96 hours	grade C: high corrosion resistance	grade F: high corrosion resistance
48 hours	grade B: moderate corrosion resistance	grade E: moderate corrosion resistance
24 hours	grade A: low corrosion resistance	
No requirement	grade 0: no defined corrosion resistance	

### 7. Security and drill resistance

Seven grades are identified with minimum figures for requirements relating to physical attack, with or without drilling of the lockcase, as shown: -

**3**

Increasing resistance to attack	No drilling requirement	Drilling requirement
	grade6: very high security	grade7: very high security
	grade4: high security	grade5: high security
	grade3: medium security	
	grade2: low security	
	grade1: minimum security	

### 8. Field of Door Application.

A	mortise lock, unrestricted application	J	rim lock, pivot door, inwards opening
B	mortise lock, pivot door	K	mortise lock, pivot door, locked form inside
C	mortise lock, sliding door	L	mortise lock, sliding door, locked form inside
D	rim lock, unrestricted application	M	rim lock, pivot door, locked form inside
E	rim lock, pivot door	N	rim lock, sliding door, locked form inside
F	rim lock, sliding door	P	mortise lock, pivot door, supported, locked form inside
G	bored lock, unrestricted application	R	rim lock, pivot door, inwards opening, locked form inside
H	mortise lock, pivot door, supported		

**B**

### 9. Type of Key Operation and Locking.

Nine grades are identified for differing types of key operation, The grading determines how the lock is assessed for deadlocking requirement as shown. In addition, there is a maximum key torque operating requirement of 1.5 Nm and a minimum key strength requirement of 2.5 Nm .

- Grade 0 : Not applicable;
- Grade A : Cylinder lock or latch; manually locking;
- Grade B : Cylinder lock or latch; automatically Locking;
- Grade C : Cylinder lock or latch; manually locking with intermediate locking;
- Grade D : Lever lock or latch; manually locking;
- Grade E : Lever lock or latch; automatically locking;
- Grade F : Lever lock or latch; manually locking with intermediate locking;
- Grade H : Lock or latch without key operation; manually locking;
- Grade G : Lock without key operation; automatically locking.

**C**

### 10. Type of Spindle Operation

- Five grades are identified
- Grade 0 : Lock without follower
- Grade 1 : Lock with sprung lever or knob
- Grade 2 : Lock with light unsprung lever.
- Grade 3 : Lock with heavy unsprung lever
- Grade 4 : Lock with manufacturer's own specification furniture

**2**

### 11. Key Identification

Nine grades are identified relating to the number of differs and levers. Grades to a latch with no locking action.

**0**

No of differs	No of levers							
								grade F
								grade G
								grade D
								grade E
								grade B
								grade C
								grade A
								grade 0